

## [MS-RSMC]:

# Remote Session Monitoring and Control Protocol

---

Intellectual Property Rights Notice for Open Specifications Documentation

- **Technical Documentation.** Microsoft publishes Open Specifications documentation (“this documentation”) for protocols, file formats, data portability, computer languages, and standards support. Additionally, overview documents cover inter-protocol relationships and interactions.
- **Copyrights.** This documentation is covered by Microsoft copyrights. Regardless of any other terms that are contained in the terms of use for the Microsoft website that hosts this documentation, you can make copies of it in order to develop implementations of the technologies that are described in this documentation and can distribute portions of it in your implementations that use these technologies or in your documentation as necessary to properly document the implementation. You can also distribute in your implementation, with or without modification, any schemas, IDLs, or code samples that are included in the documentation. This permission also applies to any documents that are referenced in the Open Specifications documentation.
- **No Trade Secrets.** Microsoft does not claim any trade secret rights in this documentation.
- **Patents.** Microsoft has patents that might cover your implementations of the technologies described in the Open Specifications documentation. Neither this notice nor Microsoft's delivery of this documentation grants any licenses under those patents or any other Microsoft patents. However, a given Open Specifications document might be covered by the Microsoft [Open Specifications Promise](#) or the [Microsoft Community Promise](#). If you would prefer a written license, or if the technologies described in this documentation are not covered by the Open Specifications Promise or Community Promise, as applicable, patent licenses are available by contacting [iplg@microsoft.com](mailto:iplg@microsoft.com).
- **License Programs.** To see all of the protocols in scope under a specific license program and the associated patents, visit the [Patent Map](#).
- **Trademarks.** The names of companies and products contained in this documentation might be covered by trademarks or similar intellectual property rights. This notice does not grant any licenses under those rights. For a list of Microsoft trademarks, visit [www.microsoft.com/trademarks](http://www.microsoft.com/trademarks).
- **Fictitious Names.** The example companies, organizations, products, domain names, email addresses, logos, people, places, and events that are depicted in this documentation are fictitious. No association with any real company, organization, product, domain name, email address, logo, person, place, or event is intended or should be inferred.

**Reservation of Rights.** All other rights are reserved, and this notice does not grant any rights other than as specifically described above, whether by implication, estoppel, or otherwise.

**Tools.** The Open Specifications documentation does not require the use of Microsoft programming tools or programming environments in order for you to develop an implementation. If you have access to Microsoft programming tools and environments, you are free to take advantage of them. Certain Open Specifications documents are intended for use in conjunction with publicly available standards specifications and network programming art and, as such, assume that the reader either is familiar with the aforementioned material or has immediate access to it.

**Support.** For questions and support, please contact [dochelp@microsoft.com](mailto:dochelp@microsoft.com).

## Revision Summary

Date	Revision History	Revision Class	Comments
6/30/2015	1.0	New	Released new document.
10/16/2015	2.0	Major	Significantly changed the technical content.
7/14/2016	3.0	Major	Significantly changed the technical content.
6/1/2017	4.0	Major	Significantly changed the technical content.

# Table of Contents

<b>1</b>	<b>Introduction .....</b>	<b>38</b>
1.1	Glossary .....	38
1.2	References .....	40
1.2.1	Normative References .....	40
1.2.2	Informative References .....	41
1.3	Overview .....	41
1.4	Relationship to Other Protocols .....	41
1.5	Prerequisites/Preconditions .....	41
1.6	Applicability Statement .....	42
1.7	Versioning and Capability Negotiation .....	42
1.8	Vendor-Extensible Fields .....	42
1.9	Standards Assignments.....	42
<b>2</b>	<b>Messages.....</b>	<b>43</b>
2.1	Transport .....	43
2.2	Common Message Syntax .....	43
2.2.1	Namespaces .....	43
2.2.2	Messages.....	43
2.2.3	Elements .....	43
2.2.3.1	WmsFaultType.....	43
2.2.4	Complex Types.....	44
2.2.4.1	ArrayOfBytes.....	44
2.2.4.2	ArrayOfStrings.....	44
2.2.4.3	WmsFaultType.....	44
2.2.5	Simple Types .....	45
2.2.5.1	Guid.....	45
2.2.6	Attributes .....	45
2.2.7	Groups .....	45
2.2.8	Attribute Groups.....	45
2.2.9	Common Data Structures .....	45
2.3	Directory Service Schema Elements .....	45
<b>3</b>	<b>Protocol Details.....</b>	<b>46</b>
3.1	IMultiPointCertificateRequest Server Details .....	46
3.1.1	Abstract Data Model.....	46
3.1.2	Timers .....	46
3.1.3	Initialization.....	46
3.1.4	Message Processing Events and Sequencing Rules .....	46
3.1.4.1	GetProtocolVersion Operation .....	47
3.1.4.1.1	Messages .....	47
3.1.4.1.1.1	IMultiPointCertificateRequest_GetProtocolVersion_InputMessage Message .....	47
3.1.4.1.1.2	IMultiPointCertificateRequest_GetProtocolVersion_OutputMessage Message .....	47
3.1.4.1.1.3	IMultiPointCertificateRequest_GetProtocolVersion_WmsFaultType_Fault Message Message .....	48
3.1.4.1.2	Elements.....	48
3.1.4.1.2.1	GetProtocolVersion.....	48
3.1.4.1.2.2	GetProtocolVersionResponse .....	48
3.1.4.1.3	Complex Types .....	48
3.1.4.1.3.1	GetProtocolVersionRequestBody .....	48
3.1.4.1.3.2	GetProtocolVersionResponseBody .....	49
3.1.4.2	RequestSslCertificate Operation .....	49
3.1.4.2.1	Messages .....	49

3.1.4.2.1.1	IMultiPointCertificateRequest_RequestSslCertificate_InputMessage Message .....	49
3.1.4.2.1.2	IMultiPointCertificateRequest_RequestSslCertificate_OutputMessage Message .....	50
3.1.4.2.1.3	IMultiPointCertificateRequest_RequestSslCertificate_WmsFaultType_Fault Message Message .....	50
3.1.4.2.2	Elements .....	50
3.1.4.2.2.1	RequestSslCertificate.....	50
3.1.4.2.2.2	RequestSslCertificateResponse .....	50
3.1.4.2.3	Complex Types .....	50
3.1.4.2.3.1	RequestSslCertificateRequestBody .....	51
3.1.4.2.3.2	RequestSslCertificateResponseBody .....	51
3.1.5	Timer Events.....	51
3.1.6	Other Local Events.....	51
3.2	IMultiPointChat Server Details .....	51
3.2.1	Abstract Data Model.....	51
3.2.2	Timers .....	52
3.2.3	Initialization .....	52
3.2.4	Message Processing Events and Sequencing Rules .....	52
3.2.4.1	Connect Operation .....	52
3.2.4.1.1	Messages .....	52
3.2.4.1.1.1	IMultiPointChat_Connect_InputMessage Message.....	53
3.2.4.1.1.2	IMultiPointChat_Connect_OutputMessage Message.....	53
3.2.4.1.1.3	IMultiPointChat_Connect_WmsFaultType_FaultMessage Message .....	53
3.2.4.1.2	Elements.....	53
3.2.4.1.2.1	Connect.....	53
3.2.4.1.2.2	ConnectResponse.....	54
3.2.4.1.3	Complex Types .....	54
3.2.4.1.3.1	ConnectRequestBody.....	54
3.2.4.1.3.2	ConnectResponseBody.....	54
3.2.4.2	Disconnect Operation .....	54
3.2.4.2.1	Messages .....	55
3.2.4.2.1.1	IMultiPointChat_Disconnect_InputMessage Message.....	55
3.2.4.2.1.2	IMultiPointChat_Disconnect_OutputMessage Message.....	55
3.2.4.2.1.3	IMultiPointChat_Disconnect_WmsFaultType_FaultMessage Message .....	55
3.2.4.2.2	Elements.....	55
3.2.4.2.2.1	Disconnect.....	56
3.2.4.2.2.2	DisconnectResponse.....	56
3.2.4.2.3	Complex Types .....	56
3.2.4.2.3.1	DisconnectRequestBody.....	56
3.2.4.2.3.2	DisconnectResponseBody.....	56
3.2.4.3	GetChatId Operation .....	56
3.2.4.3.1	Messages .....	57
3.2.4.3.1.1	IMultiPointChat_GetChatId_InputMessage Message.....	57
3.2.4.3.1.2	IMultiPointChat_GetChatId_OutputMessage Message.....	57
3.2.4.3.1.3	IMultiPointChat_GetChatId_WmsFaultType_FaultMessage Message .....	57
3.2.4.3.2	Elements.....	58
3.2.4.3.2.1	GetChatId .....	58
3.2.4.3.2.2	GetChatIdResponse.....	58
3.2.4.3.3	Complex Types .....	58
3.2.4.3.3.1	GetChatIdRequestBody.....	58
3.2.4.3.3.2	GetChatIdResponseBody.....	58
3.2.4.4	Ping Operation.....	59
3.2.4.4.1	Messages .....	59
3.2.4.4.1.1	IMultiPointChat_Ping_InputMessage Message .....	59
3.2.4.4.1.2	IMultiPointChat_Ping_OutputMessage Message .....	59
3.2.4.4.1.3	IMultiPointChat_Ping_WmsFaultType_FaultMessage Message .....	60



3.2.4.4.2	Elements .....	60
3.2.4.4.2.1	Ping .....	60
3.2.4.4.2.2	PingResponse .....	60
3.2.4.4.3	Complex Types .....	60
3.2.4.5	SendError Operation.....	60
3.2.4.5.1	Messages .....	61
3.2.4.5.1.1	IMultiPointChat_SendError_InputMessage Message .....	61
3.2.4.5.1.2	IMultiPointChat_SendError_OutputMessage Message .....	61
3.2.4.5.1.3	IMultiPointChat_SendError_WmsFaultType_FaultMessage Message ..	61
3.2.4.5.2	Elements .....	61
3.2.4.5.2.1	SendError .....	62
3.2.4.5.2.2	SendErrorResponse .....	62
3.2.4.5.3	Complex Types .....	62
3.2.4.5.3.1	SendErrorRequestBody .....	62
3.2.4.5.3.2	SendErrorResponseBody .....	62
3.2.4.6	SendMsg Operation .....	62
3.2.4.6.1	Messages .....	63
3.2.4.6.1.1	IMultiPointChat_SendMsg_InputMessage Message .....	63
3.2.4.6.1.2	IMultiPointChat_SendMsg_OutputMessage Message .....	63
3.2.4.6.1.3	IMultiPointChat_SendMsg_WmsFaultType_FaultMessage Message ....	63
3.2.4.6.2	Elements .....	64
3.2.4.6.2.1	SendMsg .....	64
3.2.4.6.2.2	SendMsgResponse .....	64
3.2.4.6.3	Complex Types .....	64
3.2.4.6.3.1	SendMsgRequestBody .....	64
3.2.4.6.3.2	SendMsgResponseBody .....	64
3.2.5	Timer Events.....	65
3.2.6	Other Local Events.....	65
3.3	IMultiPointCoreEventSink Server Details .....	65
3.3.1	Abstract Data Model.....	65
3.3.2	Timers .....	65
3.3.3	Initialization.....	65
3.3.4	Message Processing Events and Sequencing Rules .....	65
3.3.4.1	OnAssociateSessionWithStation Operation.....	67
3.3.4.1.1	Messages .....	67
3.3.4.1.1.1	IMultiPointCoreEventSink_OnAssociateSessionWithStation_InputMessage Message .....	67
3.3.4.1.1.2	IMultiPointCoreEventSink_OnAssociateSessionWithStation_OutputMessage Message .....	67
3.3.4.1.1.3	IMultiPointCoreEventSink_OnAssociateSessionWithStation_WmsFaultType_FaultMessage Message .....	68
3.3.4.1.2	Elements .....	68
3.3.4.1.2.1	OnAssociateSessionWithStation .....	68
3.3.4.1.2.2	OnAssociateSessionWithStationResponse .....	69
3.3.4.1.3	Complex Types .....	69
3.3.4.2	OnBeginIdentifySession Operation .....	69
3.3.4.2.1	Messages .....	69
3.3.4.2.1.1	IMultiPointCoreEventSink_OnBeginIdentifySession_InputMessage Message .....	69
3.3.4.2.1.2	IMultiPointCoreEventSink_OnBeginIdentifySession_OutputMessage Message .....	70
3.3.4.2.1.3	IMultiPointCoreEventSink_OnBeginIdentifySession_WmsFaultType_FaultMessage Message .....	70
3.3.4.2.2	Elements .....	70

3.3.4.2.2.1	OnBeginIdentifySession .....	70
3.3.4.2.2.2	OnBeginIdentifySessionResponse.....	70
3.3.4.2.3	Complex Types .....	71
3.3.4.3	OnBeginIdentifyStation Operation .....	71
3.3.4.3.1	Messages .....	71
3.3.4.3.1.1	IMultiPointCoreEventSink_OnBeginIdentifyStation_InputMessage Message .....	71
3.3.4.3.1.2	IMultiPointCoreEventSink_OnBeginIdentifyStation_OutputMessage Message .....	71
3.3.4.3.1.3	IMultiPointCoreEventSink_OnBeginIdentifyStation_WmsFaultType_Fault Message Message .....	72
3.3.4.3.2	Elements .....	72
3.3.4.3.2.1	OnBeginIdentifyStation.....	72
3.3.4.3.2.2	OnBeginIdentifyStationResponse .....	72
3.3.4.3.3	Complex Types .....	72
3.3.4.4	OnBootToConsoleModeChange Operation .....	73
3.3.4.4.1	Messages .....	73
3.3.4.4.1.1	IMultiPointCoreEventSink_OnBootToConsoleModeChange_InputMessage Message .....	73
3.3.4.4.1.2	IMultiPointCoreEventSink_OnBootToConsoleModeChange_OutputMessage e Message .....	73
3.3.4.4.1.3	IMultiPointCoreEventSink_OnBootToConsoleModeChange_WmsFaultType e_FaultMessage Message .....	74
3.3.4.4.2	Elements .....	74
3.3.4.4.2.1	OnBootToConsoleModeChange.....	74
3.3.4.4.2.2	OnBootToConsoleModeChangeResponse .....	74
3.3.4.4.3	Complex Types .....	74
3.3.4.5	OnConfigureStation Operation .....	75
3.3.4.5.1	Messages .....	75
3.3.4.5.1.1	IMultiPointCoreEventSink_OnConfigureStation_InputMessage Message .....	75
3.3.4.5.1.2	IMultiPointCoreEventSink_OnConfigureStation_OutputMessage Message .....	75
3.3.4.5.1.3	IMultiPointCoreEventSink_OnConfigureStation_WmsFaultType_FaultMes sage Message.....	76
3.3.4.5.2	Elements .....	76
3.3.4.5.2.1	OnConfigureStation .....	76
3.3.4.5.2.2	OnConfigureStationResponse.....	76
3.3.4.5.3	Complex Types .....	76
3.3.4.6	OnDesktopMonitoringChange Operation .....	76
3.3.4.6.1	Messages .....	77
3.3.4.6.1.1	IMultiPointCoreEventSink_OnDesktopMonitoringChange_InputMessage Message .....	77
3.3.4.6.1.2	IMultiPointCoreEventSink_OnDesktopMonitoringChange_OutputMessage Message .....	77
3.3.4.6.1.3	IMultiPointCoreEventSink_OnDesktopMonitoringChange_WmsFaultType _FaultMessage Message.....	78
3.3.4.6.2	Elements .....	78
3.3.4.6.2.1	OnDesktopMonitoringChange.....	78
3.3.4.6.2.2	OnDesktopMonitoringChangeResponse .....	78
3.3.4.6.3	Complex Types .....	78
3.3.4.7	OnDeviceAdded Operation.....	78
3.3.4.7.1	Messages .....	79

3.3.4.7.1.1	IMultiPointCoreEventSink_OnDeviceAdded_InputMessage Message ..	79
3.3.4.7.1.2	IMultiPointCoreEventSink_OnDeviceAdded_OutputMessage Message	79
3.3.4.7.1.3	IMultiPointCoreEventSink_OnDeviceAdded_WmsFaultType_FaultMessage Message .....	79
3.3.4.7.2	Elements .....	80
3.3.4.7.2.1	OnDeviceAdded .....	80
3.3.4.7.2.2	OnDeviceAddedResponse .....	81
3.3.4.7.3	Complex Types .....	81
3.3.4.8	OnDeviceRemoved Operation .....	81
3.3.4.8.1	Messages .....	81
3.3.4.8.1.1	IMultiPointCoreEventSink_OnDeviceRemoved_InputMessage Message	82
3.3.4.8.1.2	IMultiPointCoreEventSink_OnDeviceRemoved_OutputMessage Message .....	82
3.3.4.8.1.3	IMultiPointCoreEventSink_OnDeviceRemoved_WmsFaultType_FaultMessage Message .....	82
3.3.4.8.2	Elements .....	82
3.3.4.8.2.1	OnDeviceRemoved .....	83
3.3.4.8.2.2	OnDeviceRemovedResponse .....	84
3.3.4.8.3	Complex Types .....	84
3.3.4.9	OnEndIdentifySession Operation .....	84
3.3.4.9.1	Messages .....	84
3.3.4.9.1.1	IMultiPointCoreEventSink_OnEndIdentifySession_InputMessage Message .....	84
3.3.4.9.1.2	IMultiPointCoreEventSink_OnEndIdentifySession_OutputMessage Message .....	85
3.3.4.9.1.3	IMultiPointCoreEventSink_OnEndIdentifySession_WmsFaultType_FaultMessage Message .....	85
3.3.4.9.2	Elements .....	85
3.3.4.9.2.1	OnEndIdentifySession .....	85
3.3.4.9.2.2	OnEndIdentifySessionResponse .....	86
3.3.4.9.3	Complex Types .....	86
3.3.4.10	OnEndIdentifyStation Operation .....	86
3.3.4.10.1	Messages .....	86
3.3.4.10.1.1	IMultiPointCoreEventSink_OnEndIdentifyStation_InputMessage Message .....	86
3.3.4.10.1.2	IMultiPointCoreEventSink_OnEndIdentifyStation_OutputMessage Message .....	86
3.3.4.10.1.3	IMultiPointCoreEventSink_OnEndIdentifyStation_WmsFaultType_FaultMessage Message .....	87
3.3.4.10.2	Elements .....	87
3.3.4.10.2.1	OnEndIdentifyStation .....	87
3.3.4.10.2.2	OnEndIdentifyStationResponse .....	87
3.3.4.10.3	Complex Types .....	87
3.3.4.11	OnEnterSplitScreen Operation .....	88
3.3.4.11.1	Messages .....	88
3.3.4.11.1.1	IMultiPointCoreEventSink_OnEnterSplitScreen_InputMessage Message .....	88
3.3.4.11.1.2	IMultiPointCoreEventSink_OnEnterSplitScreen_OutputMessage Message .....	88
3.3.4.11.1.3	IMultiPointCoreEventSink_OnEnterSplitScreen_WmsFaultType_FaultMessage Message .....	89
3.3.4.11.2	Elements .....	89
3.3.4.11.2.1	OnEnterSplitScreen .....	89

3.3.4.11.2.2	OnEnterSplitScreenResponse.....	89
3.3.4.11.3	Complex Types .....	89
3.3.4.12	OnExitSplitScreen Operation.....	89
3.3.4.12.1	Messages .....	90
3.3.4.12.1.1	IMultiPointCoreEventSink_OnExitSplitScreen_InputMessage Message	90
3.3.4.12.1.2	IMultiPointCoreEventSink_OnExitSplitScreen_OutputMessage Message	90
3.3.4.12.1.3	IMultiPointCoreEventSink_OnExitSplitScreen_WmsFaultType_FaultMessage Message	90
3.3.4.12.2	Elements .....	91
3.3.4.12.2.1	OnExitSplitScreen .....	91
3.3.4.12.2.2	OnExitSplitScreenResponse .....	91
3.3.4.12.3	Complex Types .....	91
3.3.4.13	OnManagedServerOffline Operation.....	91
3.3.4.13.1	Messages .....	92
3.3.4.13.1.1	IMultiPointCoreEventSink_OnManagedServerOffline_InputMessage Message	92
3.3.4.13.1.2	IMultiPointCoreEventSink_OnManagedServerOffline_OutputMessage Message	92
3.3.4.13.1.3	IMultiPointCoreEventSink_OnManagedServerOffline_WmsFaultType_FaultMessage Message	92
3.3.4.13.2	Elements .....	93
3.3.4.13.2.1	OnManagedServerOffline .....	93
3.3.4.13.2.2	OnManagedServerOfflineResponse .....	93
3.3.4.13.3	Complex Types .....	93
3.3.4.14	OnManagedServerOnline Operation .....	93
3.3.4.14.1	Messages .....	93
3.3.4.14.1.1	IMultiPointCoreEventSink_OnManagedServerOnline_InputMessage Message	94
3.3.4.14.1.2	IMultiPointCoreEventSink_OnManagedServerOnline_OutputMessage Message	94
3.3.4.14.1.3	IMultiPointCoreEventSink_OnManagedServerOnline_WmsFaultType_FaultMessage Message	94
3.3.4.14.2	Elements .....	94
3.3.4.14.2.1	OnManagedServerOnline.....	95
3.3.4.14.2.2	OnManagedServerOnlineResponse .....	95
3.3.4.14.3	Complex Types .....	95
3.3.4.15	OnPeerServerAdded Operation.....	95
3.3.4.15.1	Messages .....	95
3.3.4.15.1.1	IMultiPointCoreEventSink_OnPeerServerAdded_InputMessage Message	96
3.3.4.15.1.2	IMultiPointCoreEventSink_OnPeerServerAdded_OutputMessage Message	96
3.3.4.15.1.3	IMultiPointCoreEventSink_OnPeerServerAdded_WmsFaultType_FaultMessage Message	96
3.3.4.15.2	Elements .....	96
3.3.4.15.2.1	OnPeerServerAdded .....	97
3.3.4.15.2.2	OnPeerServerAddedResponse .....	97
3.3.4.15.3	Complex Types .....	97
3.3.4.16	OnPeerServerDiscovered Operation .....	97
3.3.4.16.1	Messages .....	97
3.3.4.16.1.1	IMultiPointCoreEventSink_OnPeerServerDiscovered_InputMessage Message	98

3.3.4.16.1.2	IMultiPointCoreEventSink_OnPeerServerDiscovered_OutputMessage Message .....	98
3.3.4.16.1.3	IMultiPointCoreEventSink_OnPeerServerDiscovered_WmsFaultType_Fault Message Message .....	98
3.3.4.16.2	Elements .....	98
3.3.4.16.2.1	OnPeerServerDiscovered .....	99
3.3.4.16.2.2	OnPeerServerDiscoveredResponse .....	99
3.3.4.16.3	Complex Types .....	99
3.3.4.17	OnPeerServerRemoved Operation .....	99
3.3.4.17.1	Messages .....	100
3.3.4.17.1.1	IMultiPointCoreEventSink_OnPeerServerRemoved_InputMessage Message .....	100
3.3.4.17.1.2	IMultiPointCoreEventSink_OnPeerServerRemoved_OutputMessage Message .....	100
3.3.4.17.1.3	IMultiPointCoreEventSink_OnPeerServerRemoved_WmsFaultType_Fault Message Message .....	100
3.3.4.17.2	Elements .....	101
3.3.4.17.2.1	OnPeerServerRemoved .....	101
3.3.4.17.2.2	OnPeerServerRemovedResponse .....	101
3.3.4.17.3	Complex Types .....	101
3.3.4.18	OnProjectionStateChange Operation .....	101
3.3.4.18.1	Messages .....	101
3.3.4.18.1.1	IMultiPointCoreEventSink_OnProjectionStateChange_InputMessage Message .....	102
3.3.4.18.1.2	IMultiPointCoreEventSink_OnProjectionStateChange_OutputMessage Message .....	102
3.3.4.18.1.3	IMultiPointCoreEventSink_OnProjectionStateChange_WmsFaultType_Fault Message Message .....	102
3.3.4.18.2	Elements .....	102
3.3.4.18.2.1	OnProjectionStateChange .....	103
3.3.4.18.2.2	OnProjectionStateChangeResponse .....	103
3.3.4.18.3	Complex Types .....	103
3.3.4.19	OnScheduledUpdateSettingsChanged Operation .....	103
3.3.4.19.1	Messages .....	104
3.3.4.19.1.1	IMultiPointCoreEventSink_OnScheduledUpdateSettingsChanged_InputM essage Message .....	104
3.3.4.19.1.2	IMultiPointCoreEventSink_OnScheduledUpdateSettingsChanged_Output Message Message .....	104
3.3.4.19.1.3	IMultiPointCoreEventSink_OnScheduledUpdateSettingsChanged_WmsFa ultType_FaultMessage Message .....	104
3.3.4.19.2	Elements .....	105
3.3.4.19.2.1	OnScheduledUpdateSettingsChanged .....	105
3.3.4.19.2.2	OnScheduledUpdateSettingsChangedResponse .....	106
3.3.4.19.3	Complex Types .....	106
3.3.4.20	OnServiceControlSessionChange Operation .....	106
3.3.4.20.1	Messages .....	106
3.3.4.20.1.1	IMultiPointCoreEventSink_OnServiceControlSessionChange_InputMessa ge Message .....	107
3.3.4.20.1.2	IMultiPointCoreEventSink_OnServiceControlSessionChange_OutputMessa ge Message .....	107

3.3.4.20.1.3	IMultiPointCoreEventSink_OnServiceControlSessionChange_WmsFaultType_FaultMessage Message.....	107
3.3.4.20.2	Elements .....	107
3.3.4.20.2.1	OnServiceControlSessionChange .....	107
3.3.4.20.2.2	OnServiceControlSessionChangeResponse .....	108
3.3.4.20.3	Complex Types .....	108
3.3.4.21	OnSessionAgentReady Operation .....	108
3.3.4.21.1	Messages .....	109
3.3.4.21.1.1	IMultiPointCoreEventSink_OnSessionAgentReady_InputMessage Message .....	109
3.3.4.21.1.2	IMultiPointCoreEventSink_OnSessionAgentReady_OutputMessage Message .....	109
3.3.4.21.1.3	IMultiPointCoreEventSink_OnSessionAgentReady_WmsFaultType_FaultMessage Message .....	109
3.3.4.21.2	Elements .....	110
3.3.4.21.2.1	OnSessionAgentReady .....	110
3.3.4.21.2.2	OnSessionAgentReadyResponse.....	110
3.3.4.21.3	Complex Types .....	110
3.3.4.22	OnSessionBlocked Operation .....	110
3.3.4.22.1	Messages .....	110
3.3.4.22.1.1	IMultiPointCoreEventSink_OnSessionBlocked_InputMessage Message .....	111
3.3.4.22.1.2	IMultiPointCoreEventSink_OnSessionBlocked_OutputMessage Message .....	111
3.3.4.22.1.3	IMultiPointCoreEventSink_OnSessionBlocked_WmsFaultType_FaultMessage Message .....	111
3.3.4.22.2	Elements .....	111
3.3.4.22.2.1	OnSessionBlocked.....	112
3.3.4.22.2.2	OnSessionBlockedResponse .....	112
3.3.4.22.3	Complex Types .....	112
3.3.4.23	OnSessionConnecting Operation .....	112
3.3.4.23.1	Messages .....	112
3.3.4.23.1.1	IMultiPointCoreEventSink_OnSessionConnecting_InputMessage Message .....	113
3.3.4.23.1.2	IMultiPointCoreEventSink_OnSessionConnecting_OutputMessage Message .....	113
3.3.4.23.1.3	IMultiPointCoreEventSink_OnSessionConnecting_WmsFaultType_FaultMessage Message.....	113
3.3.4.23.2	Elements .....	113
3.3.4.23.2.1	OnSessionConnecting .....	114
3.3.4.23.2.2	OnSessionConnectingResponse.....	114
3.3.4.23.3	Complex Types .....	114
3.3.4.24	OnSessionDisconnected Operation .....	114
3.3.4.24.1	Messages .....	114
3.3.4.24.1.1	IMultiPointCoreEventSink_OnSessionDisconnected_InputMessage Message .....	115
3.3.4.24.1.2	IMultiPointCoreEventSink_OnSessionDisconnected_OutputMessage Message .....	115
3.3.4.24.1.3	IMultiPointCoreEventSink_OnSessionDisconnected_WmsFaultType_FaultMessage Message .....	115
3.3.4.24.2	Elements .....	115
3.3.4.24.2.1	OnSessionDisconnected .....	115
3.3.4.24.2.2	OnSessionDisconnectedResponse.....	116

3.3.4.24.3	Complex Types .....	116
3.3.4.25	OnSessionUnblocked Operation.....	116
3.3.4.25.1	Messages .....	116
3.3.4.25.1.1	IMultiPointCoreEventSink_OnSessionUnblocked_InputMessage Message .....	116
3.3.4.25.1.2	IMultiPointCoreEventSink_OnSessionUnblocked_OutputMessage Message .....	117
3.3.4.25.1.3	IMultiPointCoreEventSink_OnSessionUnblocked_WmsFaultType_FaultMessage Message .....	117
3.3.4.25.2	Elements .....	117
3.3.4.25.2.1	OnSessionUnblocked .....	117
3.3.4.25.2.2	OnSessionUnblockedResponse .....	117
3.3.4.25.3	Complex Types .....	118
3.3.4.26	OnStationAdded Operation .....	118
3.3.4.26.1	Messages .....	118
3.3.4.26.1.1	IMultiPointCoreEventSink_OnStationAdded_InputMessage Message .....	118
3.3.4.26.1.2	IMultiPointCoreEventSink_OnStationAdded_OutputMessage Message .....	118
3.3.4.26.1.3	IMultiPointCoreEventSink_OnStationAdded_WmsFaultType_FaultMessage Message .....	119
3.3.4.26.2	Elements .....	119
3.3.4.26.2.1	OnStationAdded .....	119
3.3.4.26.2.2	OnStationAddedResponse .....	119
3.3.4.26.3	Complex Types .....	120
3.3.4.27	OnStationAlert Operation .....	120
3.3.4.27.1	Messages .....	120
3.3.4.27.1.1	IMultiPointCoreEventSink_OnStationAlert_InputMessage Message .....	120
3.3.4.27.1.2	IMultiPointCoreEventSink_OnStationAlert_OutputMessage Message .....	120
3.3.4.27.1.3	IMultiPointCoreEventSink_OnStationAlert_WmsFaultType_FaultMessage Message .....	121
3.3.4.27.2	Elements .....	121
3.3.4.27.2.1	OnStationAlert .....	121
3.3.4.27.2.2	OnStationAlertResponse .....	122
3.3.4.27.3	Complex Types .....	122
3.3.4.28	OnStationRemoved Operation.....	122
3.3.4.28.1	Messages .....	122
3.3.4.28.1.1	IMultiPointCoreEventSink_OnStationRemoved_InputMessage Message .....	122
3.3.4.28.1.2	IMultiPointCoreEventSink_OnStationRemoved_OutputMessage Message .....	123
3.3.4.28.1.3	IMultiPointCoreEventSink_OnStationRemoved_WmsFaultType_FaultMessage Message .....	123
3.3.4.28.2	Elements .....	123
3.3.4.28.2.1	OnStationRemoved .....	123
3.3.4.28.2.2	OnStationRemovedResponse .....	124
3.3.4.28.3	Complex Types .....	124
3.3.4.29	OnSystemAlert Operation.....	124
3.3.4.29.1	Messages .....	124
3.3.4.29.1.1	IMultiPointCoreEventSink_OnSystemAlert_InputMessage Message .....	124
3.3.4.29.1.2	IMultiPointCoreEventSink_OnSystemAlert_OutputMessage Message .....	124
3.3.4.29.1.3	IMultiPointCoreEventSink_OnSystemAlert_WmsFaultType_FaultMessage Message .....	125
3.3.4.29.2	Elements .....	125
3.3.4.29.2.1	OnSystemAlert .....	125
3.3.4.29.2.2	OnSystemAlertResponse .....	126
3.3.4.29.3	Complex Types .....	126

3.3.4.30	OnSystemModeChange Operation .....	126
3.3.4.30.1	Messages .....	126
3.3.4.30.1.1	IMultiPointCoreEventSink_OnSystemModeChange_InputMessage Message .....	127
3.3.4.30.1.2	IMultiPointCoreEventSink_OnSystemModeChange_OutputMessage Message .....	127
3.3.4.30.1.3	IMultiPointCoreEventSink_OnSystemModeChange_WmsFaultType_Fault Message Message .....	127
3.3.4.30.2	Elements .....	127
3.3.4.30.2.1	OnSystemModeChange .....	128
3.3.4.30.2.2	OnSystemModeChangeResponse .....	128
3.3.4.30.3	Complex Types .....	128
3.3.4.31	OnVirtualDesktopOnline .....	128
3.3.4.31.1	Messages .....	128
3.3.4.31.1.1	IMultiPointCoreEventSink_OnVirtualDesktopOnline_InputMessage Message .....	129
3.3.4.31.1.2	IMultiPointCoreEventSink_OnVirtualDesktopOnline_OutputMessage Message .....	129
3.3.4.31.1.3	IMultiPointCoreEventSink_OnVirtualDesktopOnline_WmsFaultType_Fault tMessage Message .....	129
3.3.4.31.2	Elements .....	129
3.3.4.31.2.1	OnVirtualDesktopOnline .....	130
3.3.4.31.2.2	OnVirtualDesktopOnlineResponse .....	130
3.3.4.31.3	Complex Types .....	130
3.3.4.32	OnVirtualDesktopNotification Operation .....	130
3.3.4.32.1	Messages .....	130
3.3.4.32.1.1	IMultiPointCoreEventSink_OnVirtualDesktopNotification_InputMessage Message .....	131
3.3.4.32.1.2	IMultiPointCoreEventSink_OnVirtualDesktopNotification_OutputMessage Message .....	131
3.3.4.32.1.3	IMultiPointCoreEventSink_OnVirtualDesktopNotification_WmsFaultType _FaultMessage Message .....	131
3.3.4.32.2	Elements .....	132
3.3.4.32.2.1	OnVirtualDesktopNotification .....	132
3.3.4.32.2.2	OnVirtualDesktopNotificationResponse .....	132
3.3.4.32.3	Complex Types .....	133
3.3.4.33	ShutdownNotification Operation .....	133
3.3.4.33.1	Messages .....	133
3.3.4.33.1.1	IMultiPointCoreEventSink_ShutdownNotification_InputMessage Message .....	133
3.3.4.33.1.2	IMultiPointCoreEventSink_ShutdownNotification_OutputMessage Message .....	133
3.3.4.33.1.3	IMultiPointCoreEventSink_ShutdownNotification_WmsFaultType_FaultM essage Message .....	134
3.3.4.33.2	Elements .....	134
3.3.4.33.2.1	ShutdownNotification .....	134
3.3.4.33.2.2	ShutdownNotificationResponse .....	134
3.3.4.33.3	Complex Types .....	134
3.3.4.34	OnUserCreated Operation .....	134
3.3.4.34.1	Messages .....	135
3.3.4.34.1.1	IMultiPointCoreEventSink_OnUserCreated_InputMessage Message ..	135
3.3.4.34.1.2	IMultiPointCoreEventSink_OnUserCreated_OutputMessage Message	135
3.3.4.34.1.3	IMultiPointCoreEventSink_OnUserCreated_WmsFaultType_FaultMessage Message .....	135



3.3.4.34.2	Elements .....	136
3.3.4.34.2.1	OnUserCreated .....	136
3.3.4.34.2.2	OnUserCreatedResponse .....	136
3.3.4.34.3	Complex Types .....	136
3.3.4.35	OnUserUpdated Operation .....	136
3.3.4.35.1	Messages .....	137
3.3.4.35.1.1	IMultiPointCoreEventSink_OnUserUpdated_InputMessage Message ..	137
3.3.4.35.1.2	IMultiPointCoreEventSink_OnUserUpdated_OutputMessage Message	137
3.3.4.35.1.3	IMultiPointCoreEventSink_OnUserUpdated_WmsFaultType_FaultMessage Message .....	137
3.3.4.35.2	Elements .....	137
3.3.4.35.2.1	OnUserUpdated .....	138
3.3.4.35.2.2	OnUserUpdatedResponse .....	138
3.3.4.35.3	Complex Types .....	138
3.3.4.36	OnUserDeleted Operation .....	138
3.3.4.36.1	Messages .....	138
3.3.4.36.1.1	IMultiPointCoreEventSink_OnUserDeleted_InputMessage Message ..	139
3.3.4.36.1.2	IMultiPointCoreEventSink_OnUserDeleted_OutputMessage Message	139
3.3.4.36.1.3	IMultiPointCoreEventSink_OnUserDeleted_WmsFaultType_FaultMessage Message .....	139
3.3.4.36.2	Elements .....	139
3.3.4.36.2.1	OnUserDeleted .....	140
3.3.4.36.2.2	OnUserDeletedResponse .....	140
3.3.4.36.3	Complex Types .....	140
3.3.4.37	OnGroupUpdated Operation .....	140
3.3.4.37.1	Messages .....	140
3.3.4.37.1.1	IMultiPointCoreEventSink_OnGroupUpdated_InputMessage Message	141
3.3.4.37.1.2	IMultiPointCoreEventSink_OnGroupUpdated_OutputMessage Message .....	141
3.3.4.37.1.3	IMultiPointCoreEventSink_OnGroupUpdated_WmsFaultType_FaultMessage Message .....	141
3.3.4.37.2	Elements .....	141
3.3.4.37.2.1	OnGroupUpdated .....	141
3.3.4.37.2.2	OnGroupUpdatedResponse .....	141
3.3.4.37.3	Complex Types .....	142
3.3.5	Timer Events .....	142
3.3.6	Other Local Events .....	142
3.4	IMultiPointCredentialRequest Server Details .....	142
3.4.1	Abstract Data Model .....	142
3.4.2	Timers .....	143
3.4.3	Initialization .....	143
3.4.4	Message Processing Events and Sequencing Rules .....	143
3.4.4.1	SetSslCertificate Operation .....	143
3.4.4.1.1	Messages .....	143
3.4.4.1.1.1	IMultiPointCredentialRequest_SetSslCertificate_InputMessage Message .....	144
3.4.4.1.1.2	IMultiPointCredentialRequest_SetSslCertificate_OutputMessage Message .....	144
3.4.4.1.1.3	IMultiPointCredentialRequest_SetSslCertificate_WmsFaultType_FaultMessage Message .....	144
3.4.4.1.2	Elements .....	144
3.4.4.1.2.1	SetSslCertificate .....	145
3.4.4.1.2.2	SetSslCertificateResponse .....	145
3.4.4.1.3	Complex Types .....	145
3.4.4.1.3.1	SetSslCertificateRequestBody .....	145

3.4.4.1.3.2	SetSslCertificateResponseBody .....	145
3.4.4.1.4	Simple Types .....	145
3.4.4.1.5	Attributes .....	145
3.4.4.1.6	Groups .....	146
3.4.4.1.7	Attribute Groups .....	146
3.4.4.2	RequestWmsControlCredentials Operation .....	146
3.4.4.2.1	Messages .....	146
3.4.4.2.1.1	IMultiPointCredentialRequest_RequestWmsControlCredentials_InputMessage Message .....	146
3.4.4.2.1.2	IMultiPointCredentialRequest_RequestWmsControlCredentials_OutputMessage Message .....	147
3.4.4.2.1.3	IMultiPointCredentialRequest_RequestWmsControlCredentials_WmsFaultType_FaultMessage Message .....	147
3.4.4.2.2	Elements .....	147
3.4.4.2.2.1	RequestWmsControlCredentials .....	147
3.4.4.2.2.2	RequestWmsControlCredentialsResponse .....	148
3.4.4.2.3	Complex Types .....	148
3.4.4.2.3.1	RequestWmsControlCredentialsRequestBody .....	148
3.4.4.2.3.2	RequestWmsControlCredentialsResponseBody .....	148
3.4.4.2.4	Simple Types .....	148
3.4.4.2.5	Attributes .....	148
3.4.4.2.6	Groups .....	148
3.4.4.2.7	Attribute Groups .....	148
3.4.5	Timer Events .....	148
3.4.6	Other Local Events .....	149
3.5	IMultiPointDiskProtection Server Details .....	149
3.5.1	Abstract Data Model .....	149
3.5.2	Timers .....	149
3.5.3	Initialization .....	149
3.5.4	Message Processing Events and Sequencing Rules .....	149
3.5.4.1	GetFreeSpaceNeeded Operation .....	150
3.5.4.1.1	Messages .....	150
3.5.4.1.1.1	IMultiPointDiskProtection_GetFreeSpaceNeeded_InputMessage Message .....	150
3.5.4.1.1.2	IMultiPointDiskProtection_GetFreeSpaceNeeded_OutputMessage Message .....	150
3.5.4.1.1.3	IMultiPointDiskProtection_GetFreeSpaceNeeded_WmsFaultType_FaultMessage Message .....	151
3.5.4.1.2	Elements .....	151
3.5.4.1.2.1	GetFreeSpaceNeeded .....	151
3.5.4.1.2.2	GetFreeSpaceNeededResponse .....	151
3.5.4.1.3	Complex Types .....	151
3.5.4.2	GetMode Operation .....	152
3.5.4.2.1	Messages .....	152
3.5.4.2.1.1	IMultiPointDiskProtection_GetMode_InputMessage Message .....	152
3.5.4.2.1.2	IMultiPointDiskProtection_GetMode_OutputMessage Message .....	152
3.5.4.2.1.3	IMultiPointDiskProtection_GetMode_WmsFaultType_FaultMessage Message .....	153
3.5.4.2.2	Elements .....	153
3.5.4.2.2.1	GetMode .....	153
3.5.4.2.2.2	GetModeResponse .....	153
3.5.4.2.3	Complex Types .....	153
3.5.4.3	GetScheduledUpdateSettings Operation .....	153
3.5.4.3.1	Messages .....	154

3.5.4.3.1.1	IMultiPointDiskProtection_GetScheduledUpdateSettings_InputMessage Message .....	154
3.5.4.3.1.2	IMultiPointDiskProtection_GetScheduledUpdateSettings_OutputMessage Message .....	154
3.5.4.3.1.3	IMultiPointDiskProtection_GetScheduledUpdateSettings_WmsFaultType_FaultMessage Message .....	155
3.5.4.3.2	Elements .....	155
3.5.4.3.2.1	GetScheduledUpdateSettings .....	155
3.5.4.3.2.2	GetScheduledUpdateSettingsResponse .....	155
3.5.4.3.3	Complex Types .....	155
3.5.4.3.3.1	GetScheduledUpdateSettingsRequestBody .....	155
3.5.4.3.3.2	GetScheduledUpdateSettingsResponseBody .....	156
3.5.4.4	Install Operation .....	156
3.5.4.4.1	Messages .....	157
3.5.4.4.1.1	IMultiPointDiskProtection_Install_InputMessage Message .....	157
3.5.4.4.1.2	IMultiPointDiskProtection_Install_OutputMessage Message .....	157
3.5.4.4.1.3	IMultiPointDiskProtection_Install_WmsFaultType_FaultMessage Message .....	157
3.5.4.4.2	Elements .....	158
3.5.4.4.2.1	Install .....	158
3.5.4.4.2.2	InstallResponse .....	158
3.5.4.4.3	Complex Types .....	158
3.5.4.5	IsInstalled Operation .....	158
3.5.4.5.1	Messages .....	158
3.5.4.5.1.1	IMultiPointDiskProtection_IsInstalled_InputMessage Message .....	159
3.5.4.5.1.2	IMultiPointDiskProtection_IsInstalled_OutputMessage Message .....	159
3.5.4.5.1.3	IMultiPointDiskProtection_IsInstalled_WmsFaultType_FaultMessage Message .....	159
3.5.4.5.2	Elements .....	159
3.5.4.5.2.1	IsInstalled .....	160
3.5.4.5.2.2	IsInstalledResponse .....	160
3.5.4.5.3	Complex Types .....	160
3.5.4.6	SetMode Operation .....	160
3.5.4.6.1	Messages .....	160
3.5.4.6.1.1	IMultiPointDiskProtection_SetMode_InputMessage Message .....	161
3.5.4.6.1.2	IMultiPointDiskProtection_SetMode_OutputMessage Message .....	161
3.5.4.6.1.3	IMultiPointDiskProtection_SetMode_WmsFaultType_FaultMessage Message .....	161
3.5.4.6.2	Elements .....	161
3.5.4.6.2.1	SetMode .....	161
3.5.4.6.2.2	SetModeResponse .....	162
3.5.4.6.3	Complex Types .....	162
3.5.4.7	SetScheduledUpdateSettings Operation .....	162
3.5.4.7.1	Messages .....	162
3.5.4.7.1.1	IMultiPointDiskProtection_SetScheduledUpdateSettings_InputMessage Message .....	162
3.5.4.7.1.2	IMultiPointDiskProtection_SetScheduledUpdateSettings_OutputMessage Message .....	163
3.5.4.7.1.3	IMultiPointDiskProtection_SetScheduledUpdateSettings_WmsFaultType_FaultMessage Message .....	163
3.5.4.7.2	Elements .....	163
3.5.4.7.2.1	SetScheduledUpdateSettings .....	163
3.5.4.7.2.2	SetScheduledUpdateSettingsResponse .....	163
3.5.4.7.3	Complex Types .....	164
3.5.4.7.3.1	SetScheduledUpdateSettingsRequestBody .....	164
3.5.4.7.3.2	SetScheduledUpdateSettingsResponseBody .....	165

3.5.4.8	Uninstall Operation.....	165
3.5.4.8.1	Messages .....	165
3.5.4.8.1.1	IMultiPointDiskProtection_Uninstall_InputMessage Message .....	165
3.5.4.8.1.2	IMultiPointDiskProtection_Uninstall_OutputMessage Message .....	165
3.5.4.8.1.3	IMultiPointDiskProtection_Uninstall_WmsFaultType_FaultMessage Message .....	166
3.5.4.8.2	Elements .....	166
3.5.4.8.2.1	Uninstall .....	166
3.5.4.8.2.2	UninstallResponse .....	166
3.5.4.8.3	Complex Types .....	166
3.5.5	Timer Events.....	167
3.5.6	Other Local Events.....	167
3.6	IMultiPointServer Server Details.....	167
3.6.1	Abstract Data Model.....	167
3.6.2	Timers .....	167
3.6.3	Initialization .....	167
3.6.4	Message Processing Events and Sequencing Rules .....	167
3.6.4.1	GetAllSessions Operation .....	169
3.6.4.1.1	Messages .....	169
3.6.4.1.1.1	IMultiPointServer_GetAllSessions_InputMessage Message .....	169
3.6.4.1.1.2	IMultiPointServer_GetAllSessions_OutputMessage Message.....	170
3.6.4.1.1.3	IMultiPointServer_GetAllSessions_WmsFaultType_FaultMessage Message .....	170
3.6.4.1.2	Elements .....	170
3.6.4.1.2.1	GetAllSessions.....	170
3.6.4.1.2.2	GetAllSessionsResponse .....	170
3.6.4.1.3	Complex Types .....	170
3.6.4.1.3.1	GetAllSessionsRequestBody.....	171
3.6.4.1.3.2	GetAllSessionsResponseBody .....	171
3.6.4.1.3.3	WMS_SESSION_INFO_WS .....	171
3.6.4.1.3.4	ArrayOfWMS_SESSION_INFO_WS.....	172
3.6.4.1.4	Simple Types .....	172
3.6.4.2	GetClientVersion Operation .....	172
3.6.4.2.1	Messages .....	173
3.6.4.2.1.1	IMultiPointServer_GetClientVersion_InputMessage Message .....	173
3.6.4.2.1.2	IMultiPointServer_GetClientVersion_OutputMessage Message .....	173
3.6.4.2.1.3	IMultiPointServer_GetClientVersion_WmsFaultType_FaultMessage Message .....	173
3.6.4.2.2	Elements .....	174
3.6.4.2.2.1	GetClientVersion .....	174
3.6.4.2.2.2	GetClientVersionResponse.....	174
3.6.4.2.3	Complex Types .....	174
3.6.4.2.3.1	GetClientVersionRequestBody.....	174
3.6.4.2.3.2	GetClientVersionResponseBody.....	174
3.6.4.3	GetPeerWmsServerList Operation.....	174
3.6.4.3.1	Messages .....	175
3.6.4.3.1.1	IMultiPointServer_GetPeerWmsServerList_InputMessage Message ..	175
3.6.4.3.1.2	IMultiPointServer_GetPeerWmsServerList_OutputMessage Message	175
3.6.4.3.1.3	IMultiPointServer_GetPeerWmsServerList_WmsFaultType_FaultMessage Message .....	175
3.6.4.3.2	Elements .....	176
3.6.4.3.2.1	GetPeerWmsServerList .....	176
3.6.4.3.2.2	GetPeerWmsServerListResponse .....	176
3.6.4.3.3	Complex Types .....	176
3.6.4.3.3.1	GetPeerWmsServerListRequestBody .....	176
3.6.4.3.3.2	GetPeerWmsServerListResponseBody .....	176
3.6.4.4	GetPeerWmsConnectorList Operation.....	177
3.6.4.4.1	Messages .....	177

3.6.4.4.1.1	IMultiPointServer_GetPeerWmsConnectorList_InputMessage Message	177
3.6.4.4.1.2	IMultiPointServer_GetPeerWmsConnectorList_OutputMessage Message	177
3.6.4.4.1.3	IMultiPointServer_GetPeerWmsConnectorList_WmsFaultType_FaultMessage Message	178
3.6.4.4.2	Elements	178
3.6.4.4.2.1	GetPeerWmsConnectorList	178
3.6.4.4.2.2	GetPeerWmsConnectorListResponse	178
3.6.4.4.3	Complex Types	178
3.6.4.4.3.1	GetPeerWmsConnectorListRequestBody	179
3.6.4.4.3.2	GetPeerWmsConnectorListResponseBody	179
3.6.4.5	GetServerVersion Operation	179
3.6.4.5.1	Messages	179
3.6.4.5.1.1	IMultiPointServer_GetServerVersion_InputMessage Message	179
3.6.4.5.1.2	IMultiPointServer_GetServerVersion_OutputMessage Message	180
3.6.4.5.1.3	IMultiPointServer_GetServerVersion_WmsFaultType_FaultMessage Message	180
3.6.4.5.2	Elements	180
3.6.4.5.2.1	GetServerVersion	180
3.6.4.5.2.2	GetServerVersionResponse	180
3.6.4.5.3	Complex Types	180
3.6.4.5.3.1	GetServerVersionRequestBody	181
3.6.4.5.3.2	GetServerVersionResponseBody	181
3.6.4.6	GetSystemAlertStatus Operation	181
3.6.4.6.1	Messages	181
3.6.4.6.1.1	IMultiPointServer_GetSystemAlertStatus_InputMessage Message	182
3.6.4.6.1.2	IMultiPointServer_GetSystemAlertStatus_OutputMessage Message	182
3.6.4.6.1.3	IMultiPointServer_GetSystemAlertStatus_WmsFaultType_FaultMessage Message	182
3.6.4.6.2	Elements	182
3.6.4.6.2.1	GetSystemAlertStatus	182
3.6.4.6.2.2	GetSystemAlertStatusResponse	183
3.6.4.6.3	Complex Types	183
3.6.4.7	GetSystemMode Operation	184
3.6.4.7.1	Messages	184
3.6.4.7.1.1	IMultiPointServer_GetSystemMode_InputMessage Message	184
3.6.4.7.1.2	IMultiPointServer_GetSystemMode_OutputMessage Message	184
3.6.4.7.1.3	IMultiPointServer_GetSystemMode_WmsFaultType_FaultMessage Message	185
3.6.4.7.2	Elements	185
3.6.4.7.2.1	GetSystemMode	185
3.6.4.7.2.2	GetSystemModeResponse	185
3.6.4.7.3	Complex Types	185
3.6.4.8	GetUseHardwareGpu Operation	186
3.6.4.8.1	Messages	186
3.6.4.8.1.1	IMultiPointServer_GetUseHardwareGpu_InputMessage	186
3.6.4.8.1.2	IMultiPointServer_GetUseHardwareGpu_OutputMessage	186
3.6.4.8.1.3	IMultiPointServer_GetUseHardwareGpu_WmsFaultType_FaultMessage	187
3.6.4.8.2	Elements	187
3.6.4.8.2.1	GetUseHardwareGpu	187
3.6.4.8.2.2	GetUseHardwareGpuResponse	187
3.6.4.8.3	Complex Types	187
3.6.4.8.3.1	GetUseHardwareGpuRequestBody	187
3.6.4.8.3.2	GetUseHardwareGpuResponseBody	187
3.6.4.9	GetVirtualMachineIpAddress Operation	188

3.6.4.9.1	Messages .....	188
3.6.4.9.1.1	IMultiPointServer_GetVirtualMachineIpAddress_InputMessage Message .....	188
3.6.4.9.1.2	IMultiPointServer_GetVirtualMachineIpAddress_OutputMessage Message .....	188
3.6.4.9.1.3	IMultiPointServer_GetVirtualMachineIpAddress_WmsFaultType_FaultMessage Message .....	189
3.6.4.9.2	Elements .....	189
3.6.4.9.2.1	GetVirtualMachineIpAddress .....	189
3.6.4.9.2.2	GetVirtualMachineIpAddressResponse .....	189
3.6.4.9.3	Complex Types .....	189
3.6.4.9.3.1	GetVirtualMachineIpAddressRequestBody .....	190
3.6.4.9.3.2	GetVirtualMachineIpAddressResponseBody .....	190
3.6.4.10	Reboot Operation .....	190
3.6.4.10.1	Messages .....	190
3.6.4.10.1.1	IMultiPointServer_Reboot_InputMessage Message .....	191
3.6.4.10.1.2	IMultiPointServer_Reboot_OutputMessage Message .....	191
3.6.4.10.1.3	IMultiPointServer_Reboot_WmsFaultType_FaultMessage Message .....	191
3.6.4.10.2	Elements .....	191
3.6.4.10.2.1	Reboot .....	191
3.6.4.10.2.2	RebootResponse .....	191
3.6.4.10.3	Complex Types .....	192
3.6.4.11	RegisterChatEventSink Operation .....	192
3.6.4.11.1	Messages .....	192
3.6.4.11.1.1	IMultiPointServer_RegisterChatEventSink_InputMessage Message .....	192
3.6.4.11.1.2	IMultiPointServer_RegisterChatEventSink_OutputMessage Message .....	192
3.6.4.11.1.3	IMultiPointServer_RegisterChatEventSink_WmsFaultType_FaultMessage Message .....	193
3.6.4.11.2	Elements .....	193
3.6.4.11.2.1	RegisterChatEventSink .....	193
3.6.4.11.2.2	RegisterChatEventSinkResponse .....	193
3.6.4.11.3	Complex Types .....	193
3.6.4.11.3.1	RegisterChatEventSinkRequestBody .....	193
3.6.4.11.3.2	RegisterChatEventSinkResponseBody .....	194
3.6.4.12	RegisterCoreEventSink Operation .....	194
3.6.4.12.1	Messages .....	194
3.6.4.12.1.1	IMultiPointServer_RegisterCoreEventSink_InputMessage Message .....	195
3.6.4.12.1.2	IMultiPointServer_RegisterCoreEventSink_OutputMessage Message .....	195
3.6.4.12.1.3	IMultiPointServer_RegisterCoreEventSink_WmsFaultType_FaultMessage Message .....	195
3.6.4.12.2	Elements .....	195
3.6.4.12.2.1	RegisterCoreEventSink .....	196
3.6.4.12.2.2	RegisterCoreEventSinkResponse .....	196
3.6.4.12.3	Complex Types .....	196
3.6.4.12.3.1	RegisterCoreEventSinkRequestBody .....	196
3.6.4.12.3.2	RegisterCoreEventSinkResponseBody .....	196
3.6.4.13	Shutdown Operation .....	196
3.6.4.13.1	Messages .....	197
3.6.4.13.1.1	IMultiPointServer_Shutdown_InputMessage Message .....	197
3.6.4.13.1.2	IMultiPointServer_Shutdown_OutputMessage Message .....	197
3.6.4.13.1.3	IMultiPointServer_Shutdown_WmsFaultType_FaultMessage Message .....	197
3.6.4.13.2	Elements .....	197
3.6.4.13.2.1	Shutdown .....	198
3.6.4.13.2.2	ShutdownResponse .....	198
3.6.4.13.3	Complex Types .....	198
3.6.4.14	UnregisterChatEventSink Operation .....	198
3.6.4.14.1	Messages .....	198

3.6.4.14.1.1	IMultiPointServer_UnregisterChatEventSink_InputMessage Message	199
3.6.4.14.1.2	IMultiPointServer_UnregisterChatEventSink_OutputMessage Message	199
3.6.4.14.1.3	IMultiPointServer_UnregisterChatEventSink_WmsFaultType_FaultMessage Message	199
3.6.4.14.2	Elements	199
3.6.4.14.2.1	UnregisterChatEventSink	200
3.6.4.14.2.2	UnregisterChatEventSinkResponse	200
3.6.4.14.3	Complex Types	200
3.6.4.15	UnregisterCoreEventSink Operation	200
3.6.4.15.1	Messages	200
3.6.4.15.1.1	IMultiPointServer_UnregisterCoreEventSink_InputMessage Message	201
3.6.4.15.1.2	IMultiPointServer_UnregisterCoreEventSink_OutputMessage Message	201
3.6.4.15.1.3	IMultiPointServer_UnregisterCoreEventSink_WmsFaultType_FaultMessage Message	201
3.6.4.15.2	Elements	201
3.6.4.15.2.1	UnregisterCoreEventSink	201
3.6.4.15.2.2	UnregisterCoreEventSinkResponse	202
3.6.4.15.3	Complex Types	202
3.6.4.16	CanModifyWau Operation	202
3.6.4.16.1	Messages	202
3.6.4.16.1.1	IMultiPointServer_CanModifyWau_InputMessage Message	202
3.6.4.16.1.2	IMultiPointServer_CanModifyWau_OutputMessage Message	203
3.6.4.16.1.3	IMultiPointServer_CanModifyWau_WmsFaultType_FaultMessage Message	203
3.6.4.16.2	Elements	203
3.6.4.16.2.1	CanModifyWau	203
3.6.4.16.2.2	CanModifyWauResponse	203
3.6.4.16.3	Complex Types	204
3.6.4.17	EnableCeip Operation	204
3.6.4.17.1	Messages	204
3.6.4.17.1.1	IMultiPointServer_EnableCeip_InputMessage Message	204
3.6.4.17.1.2	IMultiPointServer_EnableCeip_OutputMessage Message	204
3.6.4.17.1.3	IMultiPointServer_EnableCeip_WmsFaultType_FaultMessage Message	205
3.6.4.17.2	Elements	205
3.6.4.17.2.1	EnableCeip	205
3.6.4.17.2.2	EnableCeipResponse	205
3.6.4.17.3	Complex Types	205
3.6.4.18	Enable Chat Operation	205
3.6.4.18.1	Messages	206
3.6.4.18.1.1	IMultiPointServer_EnableChat_InputMessage Message	206
3.6.4.18.1.2	IMultiPointServer_EnableChat_OutputMessage Message	206
3.6.4.18.1.3	IMultiPointServer_EnableChat_WmsFaultType_FaultMessage Message	206
3.6.4.18.2	Elements	207
3.6.4.18.2.1	EnableChat	207
3.6.4.18.2.2	EnableChatResponse	207
3.6.4.18.3	Complex Types	207
3.6.4.19	EnableWau Operation	207
3.6.4.19.1	Messages	208
3.6.4.19.1.1	IMultiPointServer_EnableWau_InputMessage Message	208
3.6.4.19.1.2	IMultiPointServer_EnableWau_OutputMessage Message	208
3.6.4.19.1.3	IMultiPointServer_EnableWau_WmsFaultType_FaultMessage Message	208

3.6.4.19.2	Elements .....	208
3.6.4.19.2.1	EnableWau .....	209
3.6.4.19.2.2	EnableWauResponse .....	209
3.6.4.19.3	Complex Types .....	209
3.6.4.20	EnableWer Operation .....	209
3.6.4.20.1	Messages .....	210
3.6.4.20.1.1	IMultiPointServer_EnableWer_InputMessage Message .....	210
3.6.4.20.1.2	IMultiPointServer_EnableWer_OutputMessage Message .....	210
3.6.4.20.1.3	IMultiPointServer_EnableWer_WmsFaultType_FaultMessage Message .....	210
3.6.4.20.2	Elements .....	210
3.6.4.20.2.1	EnableWer .....	211
3.6.4.20.2.2	EnableWerResponse .....	211
3.6.4.20.3	Complex Types .....	211
3.6.4.21	GetLicenseCount Operation .....	211
3.6.4.21.1	Messages .....	211
3.6.4.21.1.1	IMultiPointServer_GetLicenseCount_InputMessage Message .....	212
3.6.4.21.1.2	IMultiPointServer_GetLicenseCount_OutputMessage Message .....	212
3.6.4.21.1.3	IMultiPointServer_GetLicenseCount_WmsFaultType_FaultMessage Message .....	212
3.6.4.21.2	Elements .....	212
3.6.4.21.2.1	GetLicenseCount .....	213
3.6.4.21.2.2	GetLicenseCountResponse .....	213
3.6.4.21.3	Complex Types .....	213
3.6.4.22	GetManagedSystemsType Operation .....	213
3.6.4.22.1	Messages .....	213
3.6.4.22.1.1	IMultiPointServer_GetManagedSystemsType_InputMessage Message .....	214
3.6.4.22.1.2	IMultiPointServer_GetManagedSystemsType_OutputMessage Message .....	214
3.6.4.22.1.3	IMultiPointServer_GetManagedSystemsType_WmsFaultType_FaultMessage Message .....	214
3.6.4.22.2	Elements .....	214
3.6.4.22.2.1	GetManagedSystemsType .....	214
3.6.4.22.2.2	GetManagedSystemsTypeResponse .....	215
3.6.4.22.3	Complex Types .....	215
3.6.4.23	GetNetJoinStatus Operation .....	215
3.6.4.23.1	Messages .....	215
3.6.4.23.1.1	IMultiPointServer_GetNetJoinStatus_InputMessage Message .....	215
3.6.4.23.1.2	IMultiPointServer_GetNetJoinStatus_OutputMessage Message .....	216
3.6.4.23.1.3	IMultiPointServer_GetNetJoinStatus_WmsFaultType_FaultMessage Message .....	216
3.6.4.23.2	Elements .....	216
3.6.4.23.2.1	GetNetJoinStatus .....	216
3.6.4.23.2.2	GetNetJoinStatusResponse .....	216
3.6.4.23.3	Complex Types .....	216
3.6.4.23.3.1	GetNetJoinStatusRequestBody .....	217
3.6.4.23.3.2	GetNetJoinStatusResponseBody .....	217
3.6.4.24	GetReplacementSslCertificate Operation .....	217
3.6.4.24.1	Messages .....	217
3.6.4.24.1.1	IMultiPointServer_GetReplacementSslCertificate_InputMessage Message .....	218
3.6.4.24.1.2	IMultiPointServer_GetReplacementSslCertificate_OutputMessage Message .....	218
3.6.4.24.1.3	IMultiPointServer_GetReplacementSslCertificate_WmsFaultType_FaultMessage Message .....	218
3.6.4.24.2	Elements .....	218



3.6.4.24.2.1	GetReplacementSslCertificate .....	219
3.6.4.24.2.2	GetReplacementSslCertificateResponse.....	219
3.6.4.24.3	Complex Types .....	219
3.6.4.25	GetVirtualMachineHostname Operation .....	219
3.6.4.25.1	Messages .....	219
3.6.4.25.1.1	IMultiPointServer_GetVirtualMachineHostname_InputMessage Message .....	220
3.6.4.25.1.2	IMultiPointServer_GetVirtualMachineHostname_OutputMessage Message .....	220
3.6.4.25.1.3	IMultiPointServer_GetVirtualMachineHostname_WmsFaultType_FaultMessage Message .....	220
3.6.4.25.2	Elements .....	220
3.6.4.25.2.1	GetVirtualMachineHostname.....	221
3.6.4.25.2.2	GetVirtualMachineHostnameResponse .....	221
3.6.4.25.3	Complex Types .....	221
3.6.4.25.3.1	GetVirtualMachineHostnameRequestBody .....	221
3.6.4.25.3.2	GetVirtualMachineHostnameResponseBody .....	221
3.6.4.26	GetWmsWebLimiting Operation.....	221
3.6.4.26.1	Messages .....	222
3.6.4.26.1.1	IMultiPointServer_GetWmsWebLimiting_InputMessage Message .....	222
3.6.4.26.1.2	IMultiPointServer_GetWmsWebLimiting_OutputMessage Message .....	222
3.6.4.26.1.3	IMultiPointServer_GetWmsWebLimiting_WmsFaultType_FaultMessage Message .....	222
3.6.4.26.2	Elements .....	223
3.6.4.26.2.1	GetWmsWebLimiting .....	223
3.6.4.26.2.2	GetWmsWebLimitingResponse .....	223
3.6.4.26.3	Complex Types .....	223
3.6.4.26.3.1	GetWmsWebLimitingRequestBody .....	223
3.6.4.26.3.2	GetWmsWebLimitingResponseBody .....	223
3.6.4.27	IsAdminOrchestrationMode Operation.....	224
3.6.4.27.1	Messages .....	224
3.6.4.27.1.1	IMultiPointServer_IsAdminOrchestrationMode_InputMessage .....	224
3.6.4.27.1.2	IMultiPointServer_IsAdminOrchestrationMode_OutputMessage .....	224
3.6.4.27.1.3	IMultiPointServer_IsAdminOrchestrationMode_WmsFaultType_FaultMessage .....	225
3.6.4.27.2	Elements .....	225
3.6.4.27.2.1	IsAdminOrchestrationMode .....	225
3.6.4.27.2.2	IsAdminOrchestrationModeResponse .....	225
3.6.4.27.3	Complex Types .....	225
3.6.4.27.3.1	IsAdminOrchestrationModeRequestBody .....	226
3.6.4.27.3.2	IsAdminOrchestrationModeResponseBody .....	226
3.6.4.28	IsBootToConsoleMode Operation.....	226
3.6.4.28.1	Messages .....	226
3.6.4.28.1.1	IMultiPointServer_IsBootToConsoleMode_InputMessage Message .....	226
3.6.4.28.1.2	IMultiPointServer_IsBootToConsoleMode_OutputMessage Message .....	227
3.6.4.28.1.3	IMultiPointServer_IsBootToConsoleMode_WmsFaultType_FaultMessage Message .....	227
3.6.4.28.2	Elements .....	227
3.6.4.28.2.1	IsBootToConsoleMode .....	227
3.6.4.28.2.2	IsBootToConsoleModeResponse .....	227
3.6.4.28.3	Complex Types .....	228
3.6.4.29	IsCeipEnabled Operation.....	228
3.6.4.29.1	Messages .....	228
3.6.4.29.1.1	IMultiPointServer_IsCeipEnabled_InputMessage Message .....	228
3.6.4.29.1.2	IMultiPointServer_IsCeipEnabled_OutputMessage Message .....	229

3.6.4.29.1.3	IMultiPointServer_IsCeipEnabled_WmsFaultType_FaultMessage Message	229
3.6.4.29.2	Elements	229
3.6.4.29.2.1	IsCeipEnabled	229
3.6.4.29.2.2	IsCeipEnabledResponse	229
3.6.4.29.3	Complex Types	230
3.6.4.30	IsChatEnabled Operation	230
3.6.4.30.1	Messages	230
3.6.4.30.1.1	IMultiPointServer_IsChatEnabled_InputMessage Message	230
3.6.4.30.1.2	IMultiPointServer_IsChatEnabled_OutputMessage Message	230
3.6.4.30.1.3	IMultiPointServer_IsChatEnabled_WmsFaultType_FaultMessage Message	231
3.6.4.30.2	Elements	231
3.6.4.30.2.1	IsChatEnabled	231
3.6.4.30.2.2	IsChatEnabledResponse	231
3.6.4.30.3	Complex Types	231
3.6.4.31	IsDesktopMonitoringAllowed Operation	232
3.6.4.31.1	Messages	232
3.6.4.31.1.1	IMultiPointServer_IsDesktopMonitoringAllowed_InputMessage Message	232
3.6.4.31.1.2	IMultiPointServer_IsDesktopMonitoringAllowed_OutputMessage Message	232
3.6.4.31.1.3	IMultiPointServer_IsDesktopMonitoringAllowed_WmsFaultType_FaultMessage Message	233
3.6.4.31.2	Elements	233
3.6.4.31.2.1	IsDesktopMonitoringAllowed	233
3.6.4.31.2.2	IsDesktopMonitoringAllowedResponse	233
3.6.4.31.3	Complex Types	233
3.6.4.32	IsHypervisorPresent Operation	234
3.6.4.32.1	Messages	234
3.6.4.32.1.1	IMultiPointServer_IsHypervisorPresent_InputMessage Message	234
3.6.4.32.1.2	IMultiPointServer_IsHypervisorPresent_OutputMessage Message	234
3.6.4.32.1.3	IMultiPointServer_IsHypervisorPresent_WmsFaultType_FaultMessage Message	235
3.6.4.32.2	Elements	235
3.6.4.32.2.1	IsHypervisorPresent	235
3.6.4.32.2.2	IsHypervisorPresentResponse	235
3.6.4.32.3	Complex Types	235
3.6.4.33	IsSingleSessionPerUser Operation	235
3.6.4.33.1	Messages	236
3.6.4.33.1.1	IMultiPointServer_IsSingleSessionPerUser_InputMessage Message	236
3.6.4.33.1.2	IMultiPointServer_IsSingleSessionPerUser_OutputMessage Message	236
3.6.4.33.1.3	IMultiPointServer_IsSingleSessionPerUser_WmsFaultType_FaultMessage Message	236
3.6.4.33.2	Elements	237
3.6.4.33.2.1	IsSingleSessionPerUser	237
3.6.4.33.2.2	IsSingleSessionPerUserResponse	237
3.6.4.33.3	Complex Types	237
3.6.4.34	IsSuppressPrivacyNotificationSet Operation	237
3.6.4.34.1	Messages	238
3.6.4.34.1.1	IMultiPointServer_IsSuppressPrivacyNotificationSet_InputMessage Message	238
3.6.4.34.1.2	IMultiPointServer_IsSuppressPrivacyNotificationSet_OutputMessage Message	238
3.6.4.34.1.3	IMultiPointServer_IsSuppressPrivacyNotificationSet_WmsFaultType_FaultMessage Message	239

3.6.4.34.2	Elements .....	239
3.6.4.34.2.1	IsSuppressPrivacyNotificationSet .....	239
3.6.4.34.2.2	IsSuppressPrivacyNotificationSetResponse .....	239
3.6.4.34.3	Complex Types .....	239
3.6.4.35	IsVirtualIpPerSessionEnabled Operation .....	239
3.6.4.35.1	Messages .....	240
3.6.4.35.1.1	IMultiPointServer_IsVirtualIpPerSessionEnabled_InputMessage Message .....	240
3.6.4.35.1.2	IMultiPointServer_IsVirtualIpPerSessionEnabled_OutputMessage Message .....	240
3.6.4.35.1.3	IMultiPointServer_IsVirtualIpPerSessionEnabled_WmsFaultType_FaultMessage Message .....	241
3.6.4.35.2	Elements .....	241
3.6.4.35.2.1	IsVirtualIpPerSessionEnabled .....	241
3.6.4.35.2.2	IsVirtualIpPerSessionEnabledResponse .....	241
3.6.4.35.3	Complex Types .....	241
3.6.4.36	IsWauEnabled Operation .....	241
3.6.4.36.1	Messages .....	242
3.6.4.36.1.1	IMultiPointServer_IsWauEnabled_InputMessage Message .....	242
3.6.4.36.1.2	IMultiPointServer_IsWauEnabled_OutputMessage Message .....	242
3.6.4.36.1.3	IMultiPointServer_IsWauEnabled_WmsFaultType_FaultMessage Message .....	242
3.6.4.36.2	Elements .....	243
3.6.4.36.2.1	IsWauEnabled .....	243
3.6.4.36.2.2	IsWauEnabledResponse .....	243
3.6.4.36.3	Complex Types .....	243
3.6.4.37	IsWerEnabled Operation .....	243
3.6.4.37.1	Messages .....	244
3.6.4.37.1.1	IMultiPointServer_IsWerEnabled_InputMessage Message .....	244
3.6.4.37.1.2	IMultiPointServer_IsWerEnabled_OutputMessage Message .....	244
3.6.4.37.1.3	IMultiPointServer_IsWerEnabled_WmsFaultType_FaultMessage Message .....	244
3.6.4.37.2	Elements .....	245
3.6.4.37.2.1	IsWerEnabled .....	245
3.6.4.37.2.2	IsWerEnabledResponse .....	245
3.6.4.37.3	Complex Types .....	245
3.6.4.38	LoadWindowsEdition Operation .....	245
3.6.4.38.1	Messages .....	246
3.6.4.38.1.1	IMultiPointServer_LoadWindowsEdition_InputMessage Message .....	246
3.6.4.38.1.2	IMultiPointServer_LoadWindowsEdition_OutputMessage Message .....	246
3.6.4.38.1.3	IMultiPointServer_LoadWindowsEdition_WmsFaultType_FaultMessage Message .....	246
3.6.4.38.2	Elements .....	246
3.6.4.38.2.1	LoadWindowsEdition .....	247
3.6.4.38.2.2	LoadWindowsEditionResponse .....	247
3.6.4.38.3	Complex Types .....	247
3.6.4.38.3.1	LoadWindowsEditionRequestBody .....	247
3.6.4.38.3.2	LoadWindowsEditionResponseBody .....	247
3.6.4.39	OnboardVirtualDesktop Operation .....	247
3.6.4.39.1	Messages .....	248
3.6.4.39.1.1	IMultiPointServer_OnboardVirtualDesktop_InputMessage Message .....	248
3.6.4.39.1.2	IMultiPointServer_OnboardVirtualDesktop_OutputMessage Message .....	248
3.6.4.39.1.3	IMultiPointServer_OnboardVirtualDesktop_WmsFaultType_FaultMessage Message .....	248
3.6.4.39.2	Elements .....	249
3.6.4.39.2.1	OnboardVirtualDesktop .....	249
3.6.4.39.2.2	OnboardVirtualDesktopResponse .....	249

3.6.4.39.3	Complex Types .....	249
3.6.4.39.3.1	OnboardVirtualDesktopRequestBody .....	249
3.6.4.39.3.2	OnboardVirtualDesktopResponseBody .....	250
3.6.4.40	SetAdminOrchestrationMode Operation.....	250
3.6.4.40.1	Messages .....	250
3.6.4.40.1.1	IMultiPointServer_SetAdminOrchestrationMode_InputMessage .....	251
3.6.4.40.1.2	IMultiPointServer_SetAdminOrchestrationMode_OutputMessage .....	251
3.6.4.40.1.3	IMultiPointServer_SetAdminOrchestrationMode_WmsFaultType_FaultMessage .....	251
3.6.4.40.2	Elements .....	251
3.6.4.40.2.1	SetAdminOrchestrationMode .....	252
3.6.4.40.2.2	SetAdminOrchestrationModeResponse .....	252
3.6.4.40.3	Complex Types .....	252
3.6.4.40.3.1	SetAdminOrchestrationModeRequestBody .....	252
3.6.4.40.3.2	SetAdminOrchestrationModeResponseBody .....	252
3.6.4.41	SetBlockAllMessage Operation .....	252
3.6.4.41.1	Messages .....	253
3.6.4.41.1.1	IMultiPointServer_SetBlockAllMessage_InputMessage Message .....	253
3.6.4.41.1.2	IMultiPointServer_SetBlockAllMessage_OutputMessage Message.....	253
3.6.4.41.1.3	IMultiPointServer_SetBlockAllMessage_WmsFaultType_FaultMessage Message .....	253
3.6.4.41.2	Elements .....	253
3.6.4.41.2.1	SetBlockAllMessage.....	254
3.6.4.41.2.2	SetBlockAllMessageResponse .....	254
3.6.4.41.3	Complex Types .....	254
3.6.4.42	SetBootToConsoleMode Operation .....	254
3.6.4.42.1	Messages .....	254
3.6.4.42.1.1	IMultiPointServer_SetBootToConsoleMode_InputMessage Message .....	255
3.6.4.42.1.2	IMultiPointServer_SetBootToConsoleMode_OutputMessage Message.....	255
3.6.4.42.1.3	IMultiPointServer_SetBootToConsoleMode_WmsFaultType_FaultMessage Message .....	255
3.6.4.42.2	Elements .....	255
3.6.4.42.2.1	SetBootToConsoleMode .....	256
3.6.4.42.2.2	SetBootToConsoleModeResponse .....	256
3.6.4.42.3	Complex Types .....	256
3.6.4.43	SetReplacementSslCertificate Operation.....	256
3.6.4.43.1	Messages .....	256
3.6.4.43.1.1	IMultiPointServer_SetReplacementSslCertificate_InputMessage Message .....	257
3.6.4.43.1.2	IMultiPointServer_SetReplacementSslCertificate_OutputMessage Message .....	257
3.6.4.43.1.3	IMultiPointServer_SetReplacementSslCertificate_WmsFaultType_FaultMessage Message.....	257
3.6.4.43.2	Elements .....	257
3.6.4.43.2.1	SetReplacementSslCertificate .....	258
3.6.4.43.2.2	SetReplacementSslCertificateResponse .....	258
3.6.4.43.3	Complex Types .....	258
3.6.4.44	SetSuppressPrivacyNotification Operation .....	258
3.6.4.44.1	Messages .....	259
3.6.4.44.1.1	IMultiPointServer_SetSuppressPrivacyNotification_InputMessage Message .....	259
3.6.4.44.1.2	IMultiPointServer_SetSuppressPrivacyNotification_OutputMessage Message .....	259

3.6.4.44.1.3	IMultiPointServer_SetSuppressPrivacyNotification_WmsFaultType_Fault Message Message .....	259
3.6.4.44.2	Elements .....	260
3.6.4.44.2.1	SetSuppressPrivacyNotification .....	260
3.6.4.44.2.2	SetSuppressPrivacyNotificationResponse .....	260
3.6.4.44.3	Complex Types .....	260
3.6.4.45	SetUseHardwareGpu Operation .....	260
3.6.4.45.1	Messages .....	260
3.6.4.45.1.1	IMultiPointServer_SetUseHardwareGpu_InputMessage .....	261
3.6.4.45.1.2	IMultiPointServer_SetUseHardwareGpu_OutputMessage .....	261
3.6.4.45.1.3	IMultiPointServer_SetUseHardwareGpu_WmsFaultType_FaultMessage .....	261
3.6.4.45.2	Elements .....	261
3.6.4.45.2.1	SetUseHardwareGpu .....	262
3.6.4.45.2.2	SetUseHardwareGpuResponse .....	262
3.6.4.45.3	Complex Types .....	262
3.6.4.45.3.1	SetUseHardwareGpuRequestBody .....	262
3.6.4.45.3.2	SetUseHardwareGpuResponseBody .....	262
3.6.4.46	ValidateAutoLogonAccount Operation .....	262
3.6.4.46.1	Messages .....	263
3.6.4.46.1.1	IMultiPointServer_ValidateAutoLogonAccount_InputMessage Message .....	263
3.6.4.46.1.2	IMultiPointServer_ValidateAutoLogonAccount_OutputMessage Message .....	263
3.6.4.46.1.3	IMultiPointServer_ValidateAutoLogonAccount_WmsFaultType_FaultMess age Message .....	263
3.6.4.46.2	Elements .....	264
3.6.4.46.2.1	ValidateAutoLogonAccount .....	264
3.6.4.46.2.2	ValidateAutoLogonAccountResponse .....	264
3.6.4.46.3	Complex Types .....	264
3.6.4.46.3.1	ValidateAutoLogonAccountRequestBody .....	264
3.6.4.46.3.2	ValidateAutoLogonAccountResponseBody .....	264
3.6.4.47	EnableVirtualIpPerSession Operation .....	265
3.6.4.47.1	Messages .....	265
3.6.4.47.1.1	IMultiPointServer_EnableVirtualIpPerSession_InputMessage Message .....	265
3.6.4.47.1.2	IMultiPointServer_EnableVirtualIpPerSession_OutputMessage Message .....	266
3.6.4.47.1.3	IMultiPointServer_EnableVirtualIpPerSession_WmsFaultType_FaultMess age Message .....	266
3.6.4.47.2	Elements .....	266
3.6.4.47.2.1	EnableVirtualIpPerSession .....	266
3.6.4.47.2.2	EnableVirtualIpPerSessionResponse .....	266
3.6.4.47.3	Complex Types .....	267
3.6.4.48	SetDesktopMonitoring Operation .....	267
3.6.4.48.1	Messages .....	267
3.6.4.48.1.1	IMultiPointServer_SetDesktopMonitoring_InputMessage Message ...	267
3.6.4.48.1.2	IMultiPointServer_SetDesktopMonitoring_OutputMessage Message .	267
3.6.4.48.1.3	IMultiPointServer_SetDesktopMonitoring_WmsFaultType_FaultMessage Message .....	268
3.6.4.48.2	Elements .....	268
3.6.4.48.2.1	SetDesktopMonitoring .....	268
3.6.4.48.2.2	SetDesktopMonitoringResponse .....	268
3.6.4.48.3	Complex Types .....	268
3.6.4.49	SetSingleSessionPerUser Operation .....	269

3.6.4.49.1	Messages .....	269
3.6.4.49.1.1	IMultiPointServer_SetSingleSessionPerUser_InputMessage Message	269
3.6.4.49.1.2	IMultiPointServer_SetSingleSessionPerUser_OutputMessage Message .....	269
3.6.4.49.1.3	IMultiPointServer_SetSingleSessionPerUser_WmsFaultType_FaultMessage Message .....	270
3.6.4.49.2	Elements .....	270
3.6.4.49.2.1	SetSingleSessionPerUser .....	270
3.6.4.49.2.2	SetSingleSessionPerUserResponse .....	270
3.6.4.49.3	Complex Types .....	270
3.6.5	Timer Events.....	270
3.6.6	Other Local Events.....	270
3.7	IMultiPointSession Server Details .....	271
3.7.1	Abstract Data Model.....	271
3.7.2	Timers .....	271
3.7.3	Initialization.....	271
3.7.4	Message Processing Events and Sequencing Rules .....	271
3.7.4.1	CurrentActivity Operation.....	272
3.7.4.1.1	Messages .....	272
3.7.4.1.1.1	IMultiPointSession_CurrentActivity_InputMessage Message .....	273
3.7.4.1.1.2	IMultiPointSession_CurrentActivity_OutputMessage Message .....	273
3.7.4.1.1.3	IMultiPointSession_CurrentActivity_WmsFaultType_FaultMessage Message .....	273
3.7.4.1.2	Elements.....	273
3.7.4.1.2.1	CurrentActivity .....	273
3.7.4.1.2.2	CurrentActivityResponse .....	274
3.7.4.1.3	Complex Types .....	274
3.7.4.1.3.1	CurrentActivityRequestBody .....	274
3.7.4.1.3.2	CurrentActivityResponseBody .....	274
3.7.4.2	CloseSessionApplication Operation .....	274
3.7.4.2.1	Messages .....	275
3.7.4.2.1.1	IMultiPointSession_CloseSessionApplication_InputMessage Message	275
3.7.4.2.1.2	IMultiPointSession_CloseSessionApplication_OutputMessage Message .....	275
3.7.4.2.1.3	IMultiPointSession_CloseSessionApplication_WmsFaultType_FaultMessage Message .....	275
3.7.4.2.2	Elements.....	276
3.7.4.2.2.1	CloseSessionApplication.....	276
3.7.4.2.2.2	CloseSessionApplicationResponse .....	276
3.7.4.2.3	Complex Types .....	276
3.7.4.3	ConfigureWebLimiting Operation.....	276
3.7.4.3.1	Messages .....	277
3.7.4.3.1.1	IMultiPointSession_ConfigureWebLimiting_InputMessage Message ..	277
3.7.4.3.1.2	IMultiPointSession_ConfigureWebLimiting_OutputMessage Message	277
3.7.4.3.1.3	IMultiPointSession_ConfigureWebLimiting_WmsFaultType_FaultMessage Message .....	277
3.7.4.3.2	Elements.....	278
3.7.4.3.2.1	ConfigureWebLimiting .....	278
3.7.4.3.2.2	ConfigureWebLimitingResponse .....	278
3.7.4.3.3	Complex Types .....	278
3.7.4.4	ConfigureWebLimitingAll Operation .....	278
3.7.4.4.1	Messages .....	279
3.7.4.4.1.1	IMultiPointSession_ConfigureWebLimitingAll_InputMessage Message	279
3.7.4.4.1.2	IMultiPointSession_ConfigureWebLimitingAll_OutputMessage Message .....	279

3.7.4.4.1.3	IMultiPointSession_ConfigureWebLimitingAll_WmsFaultType_FaultMessage Message .....	279
3.7.4.4.2	Elements .....	280
3.7.4.4.2.1	ConfigureWebLimitingAll .....	280
3.7.4.4.2.2	ConfigureWebLimitingAllResponse .....	280
3.7.4.4.3	Complex Types .....	280
3.7.4.4.3.1	ConfigureWebLimitingAllRequestBody .....	280
3.7.4.4.3.2	ConfigureWebLimitingAllResponseBody .....	280
3.7.4.5	EnableProjectToAll Operation .....	281
3.7.4.5.1	Messages .....	281
3.7.4.5.1.1	IMultiPointSession_EnableProjectToAll_InputMessage Message .....	281
3.7.4.5.1.2	IMultiPointSession_EnableProjectToAll_OutputMessage Message .....	281
3.7.4.5.1.3	IMultiPointSession_EnableProjectToAll_WmsFaultType_FaultMessage Message .....	282
3.7.4.5.2	Elements .....	282
3.7.4.5.2.1	EnableProjectToAll .....	282
3.7.4.5.2.2	EnableProjectToAllResponse .....	282
3.7.4.5.3	Complex Types .....	282
3.7.4.5.3.1	EnableProjectToAllRequestBody .....	282
3.7.4.5.3.2	EnableProjectToAllResponseBody .....	283
3.7.4.6	EnableWebLimitingAll Operation .....	283
3.7.4.6.1	Messages .....	283
3.7.4.6.1.1	IMultiPointSession_EnableWebLimitingAll_InputMessage Message .....	283
3.7.4.6.1.2	IMultiPointSession_EnableWebLimitingAll_OutputMessage Message .....	284
3.7.4.6.1.3	IMultiPointSession_EnableWebLimitingAll_WmsFaultType_FaultMessage Message .....	284
3.7.4.6.2	Elements .....	284
3.7.4.6.2.1	EnableWebLimitingAll .....	284
3.7.4.6.2.2	EnableWebLimitingAllResponse .....	284
3.7.4.6.3	Complex Types .....	284
3.7.4.7	GetScreenState Operation .....	285
3.7.4.7.1	Messages .....	285
3.7.4.7.1.1	IMultiPointSession_GetScreenState_InputMessage Message .....	285
3.7.4.7.1.2	IMultiPointSession_GetScreenState_OutputMessage Message .....	285
3.7.4.7.1.3	IMultiPointSession_GetScreenState_WmsFaultType_FaultMessage Message .....	286
3.7.4.7.2	Elements .....	286
3.7.4.7.2.1	GetScreenState .....	286
3.7.4.7.2.2	GetScreenStateResponse .....	286
3.7.4.7.3	Complex Types .....	287
3.7.4.8	GetSessionAgentStatus Operation .....	287
3.7.4.8.1	Messages .....	287
3.7.4.8.1.1	IMultiPointSession_GetSessionAgentStatus_InputMessage Message .....	287
3.7.4.8.1.2	IMultiPointSession_GetSessionAgentStatus_OutputMessage Message .....	288
3.7.4.8.1.3	IMultiPointSession_GetSessionAgentStatus_WmsFaultType_FaultMessage Message .....	288
3.7.4.8.2	Elements .....	288
3.7.4.8.2.1	GetSessionAgentStatus .....	288
3.7.4.8.2.2	GetSessionAgentStatusResponse .....	288
3.7.4.8.3	Complex Types .....	289
3.7.4.9	GetSessionRunningApps Operation .....	289
3.7.4.9.1	Messages .....	289
3.7.4.9.1.1	IMultiPointSession_GetSessionRunningApps_InputMessage Message .....	290
3.7.4.9.1.2	IMultiPointSession_GetSessionRunningApps_OutputMessage Message .....	290

3.7.4.9.1.3	IMultiPointSession_GetSessionRunningApps_WmsFaultType_FaultMessage Message	290
3.7.4.9.2	Elements	290
3.7.4.9.2.1	GetSessionRunningApps	290
3.7.4.9.2.2	GetSessionRunningAppsResponse	290
3.7.4.9.3	Complex Types	291
3.7.4.9.3.1	GetSessionRunningAppsRequestBody	291
3.7.4.9.3.2	GetSessionRunningAppsResponseBody	291
3.7.4.9.3.3	WMS_RUNNING_APP_WS	291
3.7.4.9.3.4	ArrayOfWMS_RUNNING_APP_WS	292
3.7.4.10	GetThumbnailBits Operation	292
3.7.4.10.1	Messages	292
3.7.4.10.1.1	IMultiPointSession_GetThumbnailBits_InputMessage Message	293
3.7.4.10.1.2	IMultiPointSession_GetThumbnailBits_OutputMessage Message	293
3.7.4.10.1.3	IMultiPointSession_GetThumbnailBits_WmsFaultType_FaultMessage Message	293
3.7.4.10.2	Elements	293
3.7.4.10.2.1	GetThumbnailBits	293
3.7.4.10.2.2	GetThumbnailBitsResponse	293
3.7.4.10.3	Complex Types	293
3.7.4.10.3.1	GetThumbnailBitsRequestBody	294
3.7.4.10.3.2	GetThumbnailBitsResponseBody	294
3.7.4.11	IdentifySession Operation	294
3.7.4.11.1	Messages	295
3.7.4.11.1.1	IMultiPointSession_IdentifySession_InputMessage Message	295
3.7.4.11.1.2	IMultiPointSession_IdentifySession_OutputMessage Message	295
3.7.4.11.1.3	IMultiPointSession_IdentifySession_WmsFaultType_FaultMessage Message	295
3.7.4.11.2	Elements	296
3.7.4.11.2.1	IdentifySession	296
3.7.4.11.2.2	IdentifySessionResponse	296
3.7.4.11.3	Complex Types	296
3.7.4.11.3.1	IdentifySessionRequestBody	296
3.7.4.11.3.2	IdentifySessionResponseBody	297
3.7.4.12	GetSessionFlags	297
3.7.4.12.1	Messages	297
3.7.4.12.1.1	IMultiPointSession_GetSessionFlags_InputMessage Message	297
3.7.4.12.1.2	IMultiPointSession_GetSessionFlags_OutputMessage Message	297
3.7.4.12.1.3	IMultiPointSession_GetSessionFlags_WmsFaultType_FaultMessage Message	298
3.7.4.12.2	Elements	298
3.7.4.12.2.1	GetSessionFlags	298
3.7.4.12.2.2	GetSessionFlagsResponse	298
3.7.4.12.3	Complex Types	299
3.7.4.13	LockSession Operation	299
3.7.4.13.1	Messages	299
3.7.4.13.1.1	IMultiPointSession_LockSession_InputMessage Message	299
3.7.4.13.1.2	IMultiPointSession_LockSession_OutputMessage Message	300
3.7.4.13.1.3	IMultiPointSession_LockSession_WmsFaultType_FaultMessage Message	300
3.7.4.13.2	Elements	300
3.7.4.13.2.1	LockSession	300
3.7.4.13.2.2	LockSessionResponse	300
3.7.4.13.3	Complex Types	300
3.7.4.13.3.1	LockSessionRequestBody	301
3.7.4.13.3.2	LockSessionResponseBody	301
3.7.4.14	LogOffSession Operation	301



3.7.4.14.1	Messages .....	301
3.7.4.14.1.1	IMultiPointSession_LogOffSession_InputMessage Message .....	302
3.7.4.14.1.2	IMultiPointSession_LogOffSession_OutputMessage Message .....	302
3.7.4.14.1.3	IMultiPointSession_LogOffSession_WmsFaultType_FaultMessage Message .....	302
3.7.4.14.2	Elements .....	302
3.7.4.14.2.1	LogOffSession .....	302
3.7.4.14.2.2	LogOffSessionResponse .....	303
3.7.4.14.3	Complex Types .....	303
3.7.4.15	RunFileSession Operation .....	303
3.7.4.15.1	Messages .....	303
3.7.4.15.1.1	IMultiPointSession_RunFileSession_InputMessage Message .....	303
3.7.4.15.1.2	IMultiPointSession_RunFileSession_OutputMessage Message .....	304
3.7.4.15.1.3	IMultiPointSession_RunFileSession_WmsFaultType_FaultMessage Message .....	304
3.7.4.15.2	Elements .....	304
3.7.4.15.2.1	RunFileSession .....	304
3.7.4.15.2.2	RunFileSessionResponse .....	304
3.7.4.15.3	Complex Types .....	304
3.7.4.15.3.1	RunFileSessionRequestBody .....	305
3.7.4.15.3.2	RunFileSessionResponseBody .....	305
3.7.4.16	ShareDesktop Operation .....	305
3.7.4.16.1	Messages .....	305
3.7.4.16.1.1	IMultiPointSession_ShareDesktop_InputMessage Message .....	306
3.7.4.16.1.2	IMultiPointSession_ShareDesktop_OutputMessage Message .....	306
3.7.4.16.1.3	IMultiPointSession_ShareDesktop_WmsFaultType_FaultMessage Message .....	306
3.7.4.16.2	Elements .....	306
3.7.4.16.2.1	ShareDesktop .....	307
3.7.4.16.2.2	ShareDesktopResponse .....	307
3.7.4.16.3	Complex Types .....	307
3.7.4.16.3.1	ShareDesktopRequestBody .....	307
3.7.4.16.3.2	ShareDesktopResponseBody .....	307
3.7.4.17	StopIdentifyingSession Operation .....	308
3.7.4.17.1	Messages .....	308
3.7.4.17.1.1	IMultiPointSession_StopIdentifyingSession_InputMessage Message .....	308
3.7.4.17.1.2	IMultiPointSession_StopIdentifyingSession_OutputMessage Message .....	308
3.7.4.17.1.3	IMultiPointSession_StopIdentifyingSession_WmsFaultType_FaultMessage Message .....	309
3.7.4.17.2	Elements .....	309
3.7.4.17.2.1	StopIdentifyingSession .....	309
3.7.4.17.2.2	StopIdentifyingSessionResponse .....	309
3.7.4.17.3	Complex Types .....	309
3.7.4.18	StopLockingSession Operation .....	309
3.7.4.18.1	Messages .....	310
3.7.4.18.1.1	IMultiPointSession_StopLockingSession_InputMessage Message .....	310
3.7.4.18.1.2	IMultiPointSession_StopLockingSession_OutputMessage Message .....	310
3.7.4.18.1.3	IMultiPointSession_StopLockingSession_WmsFaultType_FaultMessage Message .....	310
3.7.4.18.2	Elements .....	311
3.7.4.18.2.1	StopLockingSession .....	311
3.7.4.18.2.2	StopLockingSessionResponse .....	311
3.7.4.18.3	Complex Types .....	311
3.7.4.19	StopShareDesktop Operation .....	311
3.7.4.19.1	Messages .....	312
3.7.4.19.1.1	IMultiPointSession_StopShareDesktop_InputMessage Message .....	312
3.7.4.19.1.2	IMultiPointSession_StopShareDesktop_OutputMessage Message .....	312

3.7.4.19.1.3	IMultiPointSession_StopShareDesktop_WmsFaultType_FaultMessage Message .....	312
3.7.4.19.2	Elements .....	312
3.7.4.19.2.1	StopShareDesktop .....	313
3.7.4.19.2.2	StopShareDesktopResponse .....	313
3.7.4.19.3	Complex Types .....	313
3.7.4.20	ViewDesktop Operation .....	313
3.7.4.20.1	Messages .....	313
3.7.4.20.1.1	IMultiPointSession_ViewDesktop_InputMessage Message .....	314
3.7.4.20.1.2	IMultiPointSession_ViewDesktop_OutputMessage Message .....	314
3.7.4.20.1.3	IMultiPointSession_ViewDesktop_WmsFaultType_FaultMessage Message .....	314
3.7.4.20.2	Elements .....	314
3.7.4.20.2.1	ViewDesktop .....	315
3.7.4.20.2.2	ViewDesktopResponse .....	315
3.7.4.20.3	Complex Types .....	315
3.7.4.20.3.1	ViewDesktopRequestBody .....	315
3.7.4.20.3.2	ViewDesktopResponseBody .....	315
3.7.4.21	DisconnectSession Operation .....	315
3.7.4.21.1	Messages .....	316
3.7.4.21.1.1	IMultiPointSession_DisconnectSession_InputMessage Message .....	316
3.7.4.21.1.2	IMultiPointSession_DisconnectSession_OutputMessage Message .....	316
3.7.4.21.1.3	IMultiPointSession_DisconnectSession_WmsFaultType_FaultMessage Message .....	316
3.7.4.21.2	Elements .....	317
3.7.4.21.2.1	DisconnectSession .....	317
3.7.4.21.2.2	DisconnectSessionResponse .....	317
3.7.4.21.3	Complex Types .....	317
3.7.4.22	LogOffConsoleSession Operation .....	317
3.7.4.22.1	Messages .....	318
3.7.4.22.1.1	IMultiPointSession_LogOffConsoleSession_InputMessage Message ..	318
3.7.4.22.1.2	IMultiPointSession_LogOffConsoleSession_OutputMessage Message	318
3.7.4.22.1.3	IMultiPointSession_LogOffConsoleSession_WmsFaultType_FaultMessage Message .....	318
3.7.4.22.2	Elements .....	318
3.7.4.22.2.1	LogOffConsoleSession .....	319
3.7.4.22.2.2	LogOffConsoleSessionResponse .....	319
3.7.4.22.3	Complex Types .....	319
3.7.5	Timer Events .....	319
3.7.6	Other Local Events .....	319
3.8	IMultiPointStation Server Details .....	319
3.8.1	Abstract Data Model .....	319
3.8.2	Timers .....	319
3.8.3	Initialization .....	320
3.8.4	Message Processing Events and Sequencing Rules .....	320
3.8.4.1	BlockUsbStorageDevicesAllStations .....	321
3.8.4.1.1	Messages .....	321
3.8.4.1.1.1	IMultiPointStation_BlockUsbStorageDevicesAllStations_InputMessage Message .....	321
3.8.4.1.1.2	IMultiPointStation_BlockUsbStorageDevicesAllStations_OutputMessage Message .....	321
3.8.4.1.1.3	IMultiPointStation_BlockUsbStorageDevicesAllStations_WmsFaultType_ FaultMessage Message .....	322
3.8.4.1.2	Elements .....	322
3.8.4.1.2.1	BlockUsbStorageDevicesAllStations .....	322
3.8.4.1.2.2	BlockUsbStorageDevicesAllStationsResponse .....	322
3.8.4.1.3	Complex Types .....	322

3.8.4.2	BlockUsbStorageDevices .....	323
3.8.4.2.1	Messages .....	323
3.8.4.2.1.1	IMultiPointStation_BlockUsbStorageDevices_InputMessage Message	323
3.8.4.2.1.2	IMultiPointStation_BlockUsbStorageDevices_OutputMessage Message .....	323
3.8.4.2.1.3	IMultiPointStation_BlockUsbStorageDevices_WmsFaultType_FaultMessage Message .....	324
3.8.4.2.2	Elements .....	324
3.8.4.2.2.1	BlockUsbStorageDevices .....	324
3.8.4.2.2.2	BlockUsbStorageDevicesResponse .....	324
3.8.4.2.3	Complex Types .....	324
3.8.4.3	GetDisplayRotation Operation .....	325
3.8.4.3.1	Messages .....	325
3.8.4.3.1.1	IMultiPointStation_GetDisplayRotation_InputMessage Message .....	325
3.8.4.3.1.2	IMultiPointStation_GetDisplayRotation_OutputMessage Message .....	325
3.8.4.3.1.3	IMultiPointStation_GetDisplayRotation_WmsFaultType_FaultMessage Message .....	326
3.8.4.3.2	Elements .....	326
3.8.4.3.2.1	GetDisplayRotation .....	326
3.8.4.3.2.2	GetDisplayRotationResponse .....	326
3.8.4.3.3	Complex Types .....	326
3.8.4.4	GetNextStationIdentifier Operation .....	327
3.8.4.4.1	Messages .....	327
3.8.4.4.1.1	IMultiPointStation_GetNextStationIdentifier_InputMessage Message	327
3.8.4.4.1.2	IMultiPointStation_GetNextStationIdentifier_OutputMessage Message .....	327
3.8.4.4.1.3	IMultiPointStation_GetNextStationIdentifier_WmsFaultType_FaultMessage Message .....	328
3.8.4.4.2	Elements .....	328
3.8.4.4.2.1	GetNextStationIdentifier .....	328
3.8.4.4.2.2	GetNextStationIdentifierResponse .....	328
3.8.4.4.3	Complex Types .....	328
3.8.4.5	GetStationAlertStatus Operation .....	329
3.8.4.5.1	Messages .....	329
3.8.4.5.1.1	IMultiPointStation_GetStationAlertStatus_InputMessage Message .....	329
3.8.4.5.1.2	IMultiPointStation_GetStationAlertStatus_OutputMessage Message .....	329
3.8.4.5.1.3	IMultiPointStation_GetStationAlertStatus_WmsFaultType_FaultMessage Message .....	330
3.8.4.5.2	Elements .....	330
3.8.4.5.2.1	GetStationAlertStatus .....	330
3.8.4.5.2.2	GetStationAlertStatusResponse .....	330
3.8.4.5.3	Complex Types .....	331
3.8.4.6	GetStationAutoLogonInformation Operation .....	331
3.8.4.6.1	Messages .....	331
3.8.4.6.1.1	IMultiPointStation_GetStationAutoLogonInformation_InputMessage Message .....	332
3.8.4.6.1.2	IMultiPointStation_GetStationAutoLogonInformation_OutputMessage Message .....	332
3.8.4.6.1.3	IMultiPointStation_GetStationAutoLogonInformation_WmsFaultType_FaultMessage Message .....	332
3.8.4.6.2	Elements .....	333
3.8.4.6.2.1	GetStationAutoLogonInformation .....	333
3.8.4.6.2.2	GetStationAutoLogonInformationResponse .....	333
3.8.4.6.3	Complex Types .....	333
3.8.4.6.3.1	GetStationAutoLogonInformationRequestBody .....	333

3.8.4.6.3.2	GetStationAutoLogonInformationResponseBody .....	333
3.8.4.7	GetStationDeviceInformation Operation .....	334
3.8.4.7.1	Messages .....	334
3.8.4.7.1.1	IMultiPointStation_GetStationDeviceInformation_InputMessage Message .....	334
3.8.4.7.1.2	IMultiPointStation_GetStationDeviceInformation_OutputMessage Message .....	335
3.8.4.7.1.3	IMultiPointStation_GetStationDeviceInformation_WmsFaultType_FaultMessage Message .....	335
3.8.4.7.2	Elements .....	335
3.8.4.7.2.1	GetStationDeviceInformation .....	335
3.8.4.7.2.2	GetStationDeviceInformationResponse .....	336
3.8.4.7.3	Complex Types .....	336
3.8.4.8	GetStationFriendlyName Operation .....	337
3.8.4.8.1	Messages .....	337
3.8.4.8.1.1	IMultiPointStation_GetStationFriendlyName_InputMessage Message .....	337
3.8.4.8.1.2	IMultiPointStation_GetStationFriendlyName_OutputMessage Message .....	337
3.8.4.8.1.3	IMultiPointStation_GetStationFriendlyName_WmsFaultType_FaultMessage Message .....	338
3.8.4.8.2	Elements .....	338
3.8.4.8.2.1	GetStationFriendlyName .....	338
3.8.4.8.2.2	GetStationFriendlyNameResponse .....	338
3.8.4.8.3	Complex Types .....	338
3.8.4.8.3.1	GetStationFriendlyNameRequestBody .....	338
3.8.4.8.3.2	GetStationFriendlyNameResponseBody .....	339
3.8.4.9	GetStationInformation Operation .....	339
3.8.4.9.1	Messages .....	339
3.8.4.9.1.1	IMultiPointStation_GetStationInformation_InputMessage Message .....	339
3.8.4.9.1.2	IMultiPointStation_GetStationInformation_OutputMessage Message .....	340
3.8.4.9.1.3	IMultiPointStation_GetStationInformation_WmsFaultType_FaultMessage Message .....	340
3.8.4.9.2	Elements .....	340
3.8.4.9.2.1	GetStationInformation .....	340
3.8.4.9.2.2	GetStationInformationResponse .....	340
3.8.4.9.3	Complex Types .....	341
3.8.4.9.3.1	GetStationInformationRequestBody .....	341
3.8.4.9.3.2	GetStationInformationResponseBody .....	341
3.8.4.10	GetStationServerName Operation .....	342
3.8.4.10.1	Messages .....	342
3.8.4.10.1.1	IMultiPointStation_GetStationServerName_InputMessage Message .....	342
3.8.4.10.1.2	IMultiPointStation_GetStationServerName_OutputMessage Message .....	342
3.8.4.10.1.3	IMultiPointStation_GetStationServerName_WmsFaultType_FaultMessage Message .....	343
3.8.4.10.2	Elements .....	343
3.8.4.10.2.1	GetStationServerName .....	343
3.8.4.10.2.2	GetStationServerNameResponse .....	343
3.8.4.10.3	Complex Types .....	343
3.8.4.10.3.1	GetStationServerNameRequestBody .....	343
3.8.4.10.3.2	GetStationServerNameResponseBody .....	344
3.8.4.11	GetStationSplitScreenInformation Operation .....	344
3.8.4.11.1	Messages .....	344
3.8.4.11.1.1	IMultiPointStation_GetStationSplitScreenInformation_InputMessage Message .....	345

3.8.4.11.1.2	IMultiPointStation_GetStationSplitScreenInformation_OutputMessage Message .....	345
3.8.4.11.1.3	IMultiPointStation_GetStationSplitScreenInformation_WmsFaultType_FaultMessage Message .....	345
3.8.4.11.2	Elements .....	345
3.8.4.11.2.1	GetStationSplitScreenInformation .....	345
3.8.4.11.2.2	GetStationSplitScreenInformationResponse .....	346
3.8.4.11.3	Complex Types .....	346
3.8.4.12	IdentifyStation Operation .....	346
3.8.4.12.1	Messages .....	346
3.8.4.12.1.1	IMultiPointStation_IdentifyStation_InputMessage Message .....	347
3.8.4.12.1.2	IMultiPointStation_IdentifyStation_OutputMessage Message .....	347
3.8.4.12.1.3	IMultiPointStation_IdentifyStation_WmsFaultType_FaultMessage Message .....	347
3.8.4.12.2	Elements .....	347
3.8.4.12.2.1	IdentifyStation .....	348
3.8.4.12.2.2	IdentifyStationResponse .....	348
3.8.4.12.3	Complex Types .....	348
3.8.4.12.3.1	IdentifyStationRequestBody .....	348
3.8.4.12.3.2	IdentifyStationResponseBody .....	348
3.8.4.13	IsUsbStorageDeviceBlocked Operation .....	348
3.8.4.13.1	Messages .....	349
3.8.4.13.1.1	IMultiPointStation_IsUsbStorageDeviceBlocked_InputMessage Message .....	349
3.8.4.13.1.2	IMultiPointStation_IsUsbStorageDeviceBlocked_OutputMessage Message .....	349
3.8.4.13.1.3	IMultiPointStation_IsUsbStorageDeviceBlocked_WmsFaultType_FaultMessage Message .....	350
3.8.4.13.2	Elements .....	350
3.8.4.13.2.1	IsUsbStorageDeviceBlocked .....	350
3.8.4.13.2.2	IsUsbStorageDeviceBlockedResponse .....	350
3.8.4.13.3	Complex Types .....	350
3.8.4.14	RefreshStation Operation .....	351
3.8.4.14.1	Messages .....	351
3.8.4.14.1.1	IMultiPointStation_RefreshStation_InputMessage Message .....	351
3.8.4.14.1.2	IMultiPointStation_RefreshStation_OutputMessage Message .....	351
3.8.4.14.1.3	IMultiPointStation_RefreshStation_WmsFaultType_FaultMessage Message .....	352
3.8.4.14.2	Elements .....	352
3.8.4.14.2.1	RefreshStation .....	352
3.8.4.14.2.2	RefreshStationResponse .....	352
3.8.4.14.3	Complex Types .....	352
3.8.4.15	RemapStations Operation .....	352
3.8.4.15.1	Messages .....	353
3.8.4.15.1.1	IMultiPointStation_RemapStations_InputMessage Message .....	353
3.8.4.15.1.2	IMultiPointStation_RemapStations_OutputMessage Message .....	353
3.8.4.15.1.3	IMultiPointStation_RemapStations_WmsFaultType_FaultMessage Message .....	353
3.8.4.15.2	Elements .....	354
3.8.4.15.2.1	RemapStations .....	354
3.8.4.15.2.2	RemapStationsResponse .....	354
3.8.4.15.3	Complex Types .....	354
3.8.4.16	SetDisplayRotation Operation .....	354
3.8.4.16.1	Messages .....	354
3.8.4.16.1.1	IMultiPointStation_SetDisplayRotation_InputMessage Message .....	355
3.8.4.16.1.2	IMultiPointStation_SetDisplayRotation_OutputMessage Message .....	355

3.8.4.16.1.3	IMultiPointStation_SetDisplayRotation_WmsFaultType_FaultMessage Message .....	355
3.8.4.16.2	Elements .....	355
3.8.4.16.2.1	SetDisplayRotation .....	356
3.8.4.16.2.2	SetDisplayRotationResponse .....	356
3.8.4.16.3	Complex Types .....	356
3.8.4.17	SetStationAutoLogon Operation .....	356
3.8.4.17.1	Messages .....	357
3.8.4.17.1.1	IMultiPointStation_SetStationAutoLogon_InputMessage Message ....	357
3.8.4.17.1.2	IMultiPointStation_SetStationAutoLogon_OutputMessage Message ..	357
3.8.4.17.1.3	IMultiPointStation_SetStationAutoLogon_WmsFaultType_FaultMessage Message .....	357
3.8.4.17.2	Elements .....	357
3.8.4.17.2.1	SetStationAutoLogon .....	358
3.8.4.17.2.2	SetStationAutoLogonResponse .....	358
3.8.4.17.3	Complex Types .....	358
3.8.4.18	SetStationFriendlyName Operation .....	358
3.8.4.18.1	Messages .....	359
3.8.4.18.1.1	IMultiPointStation_SetStationFriendlyName_InputMessage Message	359
3.8.4.18.1.2	IMultiPointStation_SetStationFriendlyName_OutputMessage Message .....	359
3.8.4.18.1.3	IMultiPointStation_SetStationFriendlyName_WmsFaultType_FaultMessage Message .....	359
3.8.4.18.2	Elements .....	360
3.8.4.18.2.1	SetStationFriendlyName .....	360
3.8.4.18.2.2	SetStationFriendlyNameResponse .....	360
3.8.4.18.3	Complex Types .....	360
3.8.4.18.3.1	SetStationFriendlyNameRequestBody .....	360
3.8.4.18.3.2	SetStationFriendlyNameResponseBody .....	360
3.8.4.19	SetStationServerName Operation .....	361
3.8.4.19.1	Messages .....	361
3.8.4.19.1.1	IMultiPointStation_SetStationServerName_InputMessage Message ..	361
3.8.4.19.1.2	IMultiPointStation_SetStationServerName_OutputMessage Message	361
3.8.4.19.1.3	IMultiPointStation_SetStationServerName_WmsFaultType_FaultMessage Message .....	362
3.8.4.19.2	Elements .....	362
3.8.4.19.2.1	SetStationServerName .....	362
3.8.4.19.2.2	SetStationServerNameResponse .....	362
3.8.4.19.3	Complex Types .....	362
3.8.4.19.3.1	SetStationServerNameRequestBody .....	362
3.8.4.19.3.2	SetStationServerNameResponseBody .....	363
3.8.4.20	SplitStation Operation .....	363
3.8.4.20.1	Messages .....	363
3.8.4.20.1.1	IMultiPointStation_SplitStation_InputMessage Message .....	363
3.8.4.20.1.2	IMultiPointStation_SplitStation_OutputMessage Message .....	364
3.8.4.20.1.3	IMultiPointStation_SplitStation_WmsFaultType_FaultMessage Message .....	364
3.8.4.20.2	Elements .....	364
3.8.4.20.2.1	SplitStation .....	364
3.8.4.20.2.2	SplitStationResponse .....	365
3.8.4.20.3	Complex Types .....	365
3.8.4.21	StopIdentifyingStation Operation .....	365
3.8.4.21.1	Messages .....	365
3.8.4.21.1.1	IMultiPointStation_StopIdentifyingStation_InputMessage Message ..	365
3.8.4.21.1.2	IMultiPointStation_StopIdentifyingStation_OutputMessage Message	366
3.8.4.21.1.3	IMultiPointStation_StopIdentifyingStation_WmsFaultType_FaultMessage Message .....	366

3.8.4.21.2	Elements .....	366
3.8.4.21.2.1	StopIdentifyingStation .....	366
3.8.4.21.2.2	StopIdentifyingStationResponse .....	366
3.8.4.21.3	Complex Types .....	367
3.8.4.22	UnblockUsbStorageDevicesAllStations .....	367
3.8.4.22.1	Messages .....	367
3.8.4.22.1.1	IMultiPointStation_UnblockUsbStorageDevicesAllStations_InputMessage Message .....	367
3.8.4.22.1.2	IMultiPointStation_UnblockUsbStorageDevicesAllStations_OutputMessage Message .....	368
3.8.4.22.1.3	IMultiPointStation_UnblockUsbStorageDevicesAllStations_WmsFaultType FaultMessage Message .....	368
3.8.4.22.2	Elements .....	368
3.8.4.22.2.1	UnblockUsbStorageDevicesAllStations .....	368
3.8.4.22.2.2	UnblockUsbStorageDevicesAllStationsResponse .....	368
3.8.4.22.3	Complex Types .....	369
3.8.4.23	UnblockUsbStorageDevices .....	369
3.8.4.23.1	Messages .....	369
3.8.4.23.1.1	IMultiPointStation_UnblockUsbStorageDevices_InputMessage Message .....	369
3.8.4.23.1.2	IMultiPointStation_UnblockUsbStorageDevices_OutputMessage Message .....	370
3.8.4.23.1.3	IMultiPointStation_UnblockUsbStorageDevices_WmsFaultType_FaultMes sage Message .....	370
3.8.4.23.2	Elements .....	370
3.8.4.23.2.1	UnblockUsbStorageDevices .....	370
3.8.4.23.2.2	UnblockUsbStorageDevicesResponse .....	370
3.8.4.23.3	Complex Types .....	370
3.8.5	Timer Events .....	371
3.8.6	Other Local Events .....	371
3.9	IMultiPointSystemOnlineEventSink Server Details .....	371
3.9.1	Abstract Data Model .....	371
3.9.2	Timers .....	371
3.9.3	Initialization .....	371
3.9.4	Message Processing Events and Sequencing Rules .....	371
3.9.4.1	OnManagedServerOfflineNotify Operation .....	372
3.9.4.1.1	Messages .....	372
3.9.4.1.1.1	IMultiPointSystemOnlineEventSink_OnManagedServerOfflineNotify_Inpu tMessage Message .....	372
3.9.4.1.1.2	IMultiPointSystemOnlineEventSink_OnManagedServerOfflineNotify_Out putMessage Message .....	372
3.9.4.1.1.3	IMultiPointSystemOnlineEventSink_OnManagedServerOfflineNotify_Wm sFaultType_FaultMessage Message .....	373
3.9.4.1.2	Elements .....	373
3.9.4.1.2.1	OnManagedServerOfflineNotify .....	373
3.9.4.1.2.2	OnManagedServerOfflineNotifyResponse .....	373
3.9.4.1.3	Complex Types .....	373
3.9.4.1.3.1	OnManagedServerOfflineNotifyRequestBody .....	374
3.9.4.1.3.2	OnManagedServerOfflineNotifyResponseBody .....	374
3.9.4.2	OnManagedServerOnlineNotify Operation .....	374
3.9.4.2.1	Messages .....	374

3.9.4.2.1.1	IMultiPointSystemOnlineEventSink_OnManagedServerOnlineNotify_InputMessage Message .....	375
3.9.4.2.1.2	IMultiPointSystemOnlineEventSink_OnManagedServerOnlineNotify_OutputMessage Message .....	375
3.9.4.2.1.3	IMultiPointSystemOnlineEventSink_OnManagedServerOnlineNotify_WmsFaultType_FaultMessage Message .....	375
3.9.4.2.2	Elements .....	375
3.9.4.2.2.1	OnManagedServerOnlineNotify .....	376
3.9.4.2.2.2	OnManagedServerOnlineNotifyResponse .....	376
3.9.4.2.3	Complex Types .....	376
3.9.4.2.3.1	OnManagedServerOnlineNotifyRequestBody .....	376
3.9.4.2.3.2	OnManagedServerOnlineNotifyResponseBody .....	376
3.9.4.3	OnNewServerCertificateReady Operation.....	377
3.9.4.3.1	Messages .....	377
3.9.4.3.1.1	IMultiPointSystemOnlineEventSink_OnNewServerCertificateReady_InputMessage Message .....	377
3.9.4.3.1.2	IMultiPointSystemOnlineEventSink_OnNewServerCertificateReady_OutputMessage Message .....	377
3.9.4.3.1.3	IMultiPointSystemOnlineEventSink_OnNewServerCertificateReady_WmsFaultType_FaultMessage Message .....	378
3.9.4.3.2	Elements .....	378
3.9.4.3.2.1	OnNewServerCertificateReady .....	378
3.9.4.3.2.2	OnNewServerCertificateReadyResponse .....	379
3.9.4.3.3	Complex Types .....	379
3.9.5	Timer Events.....	379
3.9.6	Other Local Events.....	379
3.10	IMultiPointUserManager Server Details .....	379
3.10.1	Abstract Data Model.....	379
3.10.2	Timers .....	379
3.10.3	Initialization.....	379
3.10.4	Message Processing Events and Sequencing Rules .....	379
3.10.4.1	AddUser Operation.....	380
3.10.4.1.1	Messages .....	380
3.10.4.1.1.1	IMultiPointUserManager_AddUser_InputMessage .....	380
3.10.4.1.1.2	IMultiPointUserManager_AddUser_OutputMessage .....	380
3.10.4.1.1.3	IMultiPointUserManager_AddUser_WmsFaultType_FaultMessage.....	381
3.10.4.1.2	Elements.....	381
3.10.4.1.2.1	AddUser.....	381
3.10.4.1.2.2	AddUserResponse .....	381
3.10.4.1.3	Complex Types .....	381
3.10.4.1.3.1	AddUserRequestBody .....	381
3.10.4.1.3.2	AddUserResponseBody .....	382
3.10.4.2	EnumerateUsers Operation.....	382
3.10.4.2.1	Messages .....	383
3.10.4.2.1.1	IMultiPointUserManager_EnumerateUsers_InputMessage .....	383
3.10.4.2.1.2	IMultiPointUserManager_EnumerateUsers_OutputMessage .....	383
3.10.4.2.1.3	IMultiPointUserManager_EnumerateUsers_WmsFaultType_FaultMessage .....	383
3.10.4.2.2	Elements.....	384
3.10.4.2.2.1	EnumerateUsers .....	384
3.10.4.2.2.2	EnumerateUsersResponse .....	384
3.10.4.2.3	Complex Types .....	384



3.10.4.2.3.1	EnumerateUsersRequestBody .....	384
3.10.4.2.3.2	EnumerateUsersResponseBody .....	384
3.10.4.2.3.3	WMS_USER_WS .....	385
3.10.4.2.3.4	ArrayOfWMS_USER_WS.....	385
3.10.4.3	RemoveUser Operation .....	385
3.10.4.3.1	Messages .....	386
3.10.4.3.1.1	IMultiPointUserManager_RemoveUser_InputMessage .....	386
3.10.4.3.1.2	IMultiPointUserManager_RemoveUser_OutputMessage .....	386
3.10.4.3.1.3	IMultiPointUserManager_RemoveUser_WmsFaultType_FaultMessage.....	386
3.10.4.3.2	Elements.....	387
3.10.4.3.2.1	RemoveUser.....	387
3.10.4.3.2.2	RemoveUserResponse .....	387
3.10.4.3.3	Complex Types .....	387
3.10.4.3.3.1	RemoveUserRequestBody .....	387
3.10.4.3.3.2	RemoveUserResponseBody .....	387
3.10.4.4	SetUserInfo Operation .....	388
3.10.4.4.1	Messages .....	388
3.10.4.4.1.1	IMultiPointUserManager_SetUserInfo_InputMessage .....	388
3.10.4.4.1.2	IMultiPointUserManager_SetUserInfo_OutputMessage .....	388
3.10.4.4.1.3	IMultiPointUserManager_SetUserInfo_WmsFaultType_FaultMessage.....	389
3.10.4.4.2	Elements.....	389
3.10.4.4.2.1	SetUserInfo.....	389
3.10.4.4.2.2	SetUserInfoResponse .....	389
3.10.4.4.3	Complex Types .....	389
3.10.4.4.3.1	SetUserInfoRequestBody .....	389
3.10.4.4.3.2	SetUserInfoResponseBody .....	390
3.10.5	Timer Events.....	390
3.10.6	Other Local Events.....	390
<b>4</b>	<b>Protocol Examples.....</b>	<b>391</b>
4.1	Binding Client and Server Example .....	391
4.2	Generic API Call Example .....	393
<b>5</b>	<b>Security.....</b>	<b>395</b>
5.1	Security Considerations for Implementers .....	395
5.2	Index of Security Parameters .....	395
<b>6</b>	<b>Appendix A: Full WSDL .....</b>	<b>396</b>
<b>7</b>	<b>Appendix B: Product Behavior .....</b>	<b>496</b>
<b>8</b>	<b>Change Tracking.....</b>	<b>498</b>
<b>9</b>	<b>Index.....</b>	<b>499</b>

# 1 Introduction

This document specifies the Remote Session Monitoring and Control Protocol, which enables monitoring and control of Windows sessions over a network by using the SOAP, HTTP, and HTTPS protocols.

Sections 1.5, 1.8, 1.9, 2, and 3 of this specification are normative. All other sections and examples in this specification are informative.

## 1.1 Glossary

This document uses the following terms:

**administrator:** A user who has complete and unrestricted access to the computer or domain.

**enhanced key usage (EKU):** An extension that is a collection of object identifiers (OIDs) that indicate the applications that use the key.

**fully qualified domain name (FQDN):** An unambiguous domain name that gives an absolute location in the Domain Name System's (DNS) hierarchy tree, as defined in [\[RFC1035\]](#) section 3.1 and [\[RFC2181\]](#) section 11.

**globally unique identifier (GUID):** A term used interchangeably with universally unique identifier (UUID) in Microsoft protocol technical documents (TDs). Interchanging the usage of these terms does not imply or require a specific algorithm or mechanism to generate the value. Specifically, the use of this term does not imply or require that the algorithms described in [\[RFC4122\]](#) or [\[C706\]](#) must be used for generating the **GUID**. See also universally unique identifier (UUID).

**graphics processing unit (GPU):** A component of a computer or device that renders graphics display efficiently and rapidly and that can be implemented via software or hardware.

**Hypertext Transfer Protocol (HTTP):** An application-level protocol for distributed, collaborative, hypermedia information systems (text, graphic images, sound, video, and other multimedia files) on the World Wide Web.

**Hypertext Transfer Protocol Secure (HTTPS):** An extension of HTTP that securely encrypts and decrypts web page requests. In some older protocols, "Hypertext Transfer Protocol over Secure Sockets Layer" is still used (Secure Sockets Layer has been deprecated). For more information, see [\[SSL3\]](#) and [\[RFC5246\]](#).

**MultiPoint Station:** A pairing of input/output hardware that is composed of a USB hub, a USB keyboard, and a monitor attached to a server and running a **Remote Desktop Protocol (RDP)** session. Multiple stations can be attached to a single server, each providing a separate workstation experience to the end user.

**partition:** In the context of hard disks, a logical region of a hard disk. A hard disk may be subdivided into one or more **partitions**.

**Remote Desktop Protocol (RDP):** A multi-channel protocol that allows a user to connect to a computer running Microsoft Terminal Services (TS). RDP enables the exchange of client and server settings and also enables negotiation of common settings to use for the duration of the connection, so that input, graphics, and other data can be exchanged and processed between client and server.

**Secure Sockets Layer (SSL):** A security protocol that supports confidentiality and integrity of messages in client and server applications that communicate over open networks. SSL uses two keys to encrypt data—a public key known to everyone and a private or secret key known only to the recipient of the message. SSL supports server and, optionally, client authentication using

**X.509** certificates. For more information, see [\[X509\]](#). The SSL protocol is precursor to **Transport Layer Security (TLS)**. The TLS version 1.0 specification is based on SSL version 3.0 [SSL3].

**server authentication:** The act of proving the identity of a server to a client, while providing key material that binds the identity to subsequent communications.

**SOAP:** A lightweight protocol for exchanging structured information in a decentralized, distributed environment. **SOAP** uses XML technologies to define an extensible messaging framework, which provides a message construct that can be exchanged over a variety of underlying protocols. The framework has been designed to be independent of any particular programming model and other implementation-specific semantics. SOAP 1.2 supersedes SOAP 1.1. See [\[SOAP1.2-1/2003\]](#).

**SOAP action:** The HTTP request header field used to indicate the intent of the **SOAP** request, using a URI value. See [\[SOAP1.1\]](#) section 6.1.1 for more information.

**thumbprint:** A hash value computed over a datum.

**Transport Layer Security (TLS):** A security protocol that supports confidentiality and integrity of messages in client and server applications communicating over open networks. **TLS** supports server and, optionally, client authentication by using X.509 certificates (as specified in [X509]). **TLS** is standardized in the IETF TLS working group.

**Trusted Root Certification Authorities store:** A set of public CAs that has met the requirements of the Microsoft Root Certificate Program. For more information, see [\[MSDN-RootCert\]](#).

**universal serial bus (USB):** An external bus that supports Plug and Play installation. It allows devices to be connected and disconnected without shutting down or restarting the computer.

**web service:** A unit of application logic that provides data and services to other applications and can be called by using standard Internet transport protocols such as **HTTP**, Simple Mail Transfer Protocol (SMTP), or File Transfer Protocol (FTP). Web services can perform functions that range from simple requests to complicated business processes.

**Web Services Description Language (WSDL):** An XML format for describing network services as a set of endpoints that operate on messages that contain either document-oriented or procedure-oriented information. The operations and messages are described abstractly and are bound to a concrete network protocol and message format in order to define an endpoint. Related concrete endpoints are combined into abstract endpoints, which describe a network service. WSDL is extensible, which allows the description of endpoints and their messages regardless of the message formats or network protocols that are used.

**WmsControl password:** A random password, generated by the server that is used to authenticate all the SOAP requests that were not received via HTTP or on the IMultiPointCredentialRequest endpoint, that requires non-elevated privileges.

**WmsManagement password:** A random password, generated by the server that is used to authenticate all the SOAP requests that were not received via HTTP or on the IMultiPointCredentialRequest endpoint, that requires either elevated privileges or non-elevated privileges.

**WSDL extension:** Represents a requirement or a capability of a **Web service**, which is defined by using the **WSDL** extensibility model.

**WSDL message:** An abstract, typed definition of the data that is communicated during a **WSDL operation** [\[WSDL\]](#). Also, an element that describes the data being exchanged between web service providers and clients.

**WSDL operation:** A single action or function of a web service. The execution of a WSDL operation typically requires the exchange of messages between the service requestor and the service provider.

**X.509:** An ITU-T standard for public key infrastructure subsequently adapted by the IETF, as specified in [\[RFC3280\]](#).

**XML namespace:** A collection of names that is used to identify elements, types, and attributes in XML documents identified in a URI reference [\[RFC3986\]](#). A combination of XML namespace and local name allows XML documents to use elements, types, and attributes that have the same names but come from different sources. For more information, see [\[XMLNS-2ED\]](#).

**XML Schema (XSD):** A language that defines the elements, attributes, namespaces, and data types for XML documents as defined by [\[XMLSCHEMA1/2\]](#) and [\[W3C-XSD\]](#) standards. An XML schema uses XML syntax for its language.

**MAY, SHOULD, MUST, SHOULD NOT, MUST NOT:** These terms (in all caps) are used as defined in [\[RFC2119\]](#). All statements of optional behavior use either MAY, SHOULD, or SHOULD NOT.

## 1.2 References

Links to a document in the Microsoft Open Specifications library point to the correct section in the most recently published version of the referenced document. However, because individual documents in the library are not updated at the same time, the section numbers in the documents may not match. You can confirm the correct section numbering by checking the [Errata](#).

### 1.2.1 Normative References

We conduct frequent surveys of the normative references to assure their continued availability. If you have any issue with finding a normative reference, please contact [dochelp@microsoft.com](mailto:dochelp@microsoft.com). We will assist you in finding the relevant information.

[RFC2119] Bradner, S., "Key words for use in RFCs to Indicate Requirement Levels", BCP 14, RFC 2119, March 1997, <http://www.rfc-editor.org/rfc/rfc2119.txt>

[RFC2246] Dierks, T., and Allen, C., "The TLS Protocol Version 1.0", RFC 2246, January 1999, <http://www.rfc-editor.org/rfc/rfc2246.txt>

[RFC7230] Fielding, R., and Reschke, J., Eds., "Hypertext Transfer Protocol (HTTP/1.1): Message Syntax and Routing", RFC 7230, June 2014, <http://www.rfc-editor.org/rfc/rfc7230.txt>

[SOAP1.2-1/2003] Gudgin, M., Hadley, M., Mendelsohn, N., et al., "SOAP Version 1.2 Part 1: Messaging Framework", W3C Recommendation, June 2003, <http://www.w3.org/TR/2003/REC-soap12-part1-20030624>

[SOAP1.2-2/2003] Gudgin, M., Hadley, M., Mendelsohn, N., et al., "SOAP Version 1.2 Part 2: Adjuncts", W3C Recommendation, June 2003, <http://www.w3.org/TR/2003/REC-soap12-part2-20030624>

[WSAWSDL] World Wide Web Consortium, "Web Services Addressing 1.0 - WSDL Binding", May 2006, <http://www.w3.org/TR/2006/CR-ws-addr-wsdl-20060529/>

[WSDL] Christensen, E., Curbera, F., Meredith, G., and Weerawarana, S., "Web Services Description Language (WSDL) 1.1", W3C Note, March 2001, <http://www.w3.org/TR/2001/NOTE-wsdl-20010315>

[XMLNS] Bray, T., Hollander, D., Layman, A., et al., Eds., "Namespaces in XML 1.0 (Third Edition)", W3C Recommendation, December 2009, <http://www.w3.org/TR/2009/REC-xml-names-20091208/>

[XMLSCHEMA] World Wide Web Consortium, "XML Schema", September 2005, <http://www.w3.org/2001/XMLSchema>

### 1.2.2 Informative References

[MSDN-WER] Microsoft Corporation, "Windows Error Reporting", [http://msdn.microsoft.com/en-us/library/bb513641\(VS.85\).aspx](http://msdn.microsoft.com/en-us/library/bb513641(VS.85).aspx)

[MSDN-WinStation] Microsoft Corporation, "Window Stations", [https://msdn.microsoft.com/en-us/library/windows/desktop/ms687096\(v=vs.85\).aspx](https://msdn.microsoft.com/en-us/library/windows/desktop/ms687096(v=vs.85).aspx)

[MSDN-WUAAPI] Microsoft Corporation, "Windows Update Agent API", [http://msdn.microsoft.com/en-us/library/aa387099\(VS.85\).aspx](http://msdn.microsoft.com/en-us/library/aa387099(VS.85).aspx)

### 1.3 Overview

The Remote Session Monitoring and Control Protocol provides support for protocol clients to monitor and manage Windows sessions on a protocol server. The client and server can reside on the same machine or on different machines. Multiple clients can run on the same machine and can connect to the same or to different servers. The protocol provides a set of **web service** APIs that are implemented as a **SOAP**-based protocol that uses **Hypertext Transfer Protocol (HTTP)** and **Hypertext Transfer Protocol over Secure Sockets Layer (HTTPS)** as its transport.

A server can be managed by more than one client at a time; however, each client machine has to be bound to the server machine prior to the server accepting management requests from the client as described in section [1.5](#).

The client machine is often referred to as a **MultiPoint Station** or a station in this specification.

### 1.4 Relationship to Other Protocols

This protocol uses **SOAP** over **HTTP** [[RFC7230](#)] and SOAP over **Transport Layer Security (TLS)** [[RFC2246](#)].

### 1.5 Prerequisites/Preconditions

The Remote Session Monitoring and Control Protocol imposes the following requirements on server implementations:

- An implementation-specific way of determining the **fully qualified domain name (FQDN)** or IP address of the server to be managed.
- An implementation-specific way of determining the username and password of an account that has **administrator** privileges on the server to be managed.
- An implementation-specific way for the server to generate a secure password used to authenticate HTTPS requests.
- The protocol mandates the use of HTTP to obtain the server's identification certificate and protocol version.
- The protocol mandates the use of HTTPS with username/password authentication for all operations that do not involve obtaining the server's identification certificate or protocol version.

A binding between the client machine and the server machine has to be established before the server accepts management requests from the client. The binding process is as follows:

1. The client obtains in an implementation-specific way either the FQDN or IP address of the server to be managed.
2. The client makes a **web service** request to the server using the HTTP protocol over TCP port 80 to the endpoint **IMultiPointCertificateRequest** (section [3.1](#)) in order to obtain the server's **X.509** certificate and the TCP port number.
3. The client obtains in an implementation-specific way the username and password of an account on the server that has administration privileges.
4. The client makes a web service request to the server using the HTTPS protocol over the TCP port obtained in step 2 to the endpoint **IMultiPointCredentialRequest** (section [3.4](#)) using the credentials obtained in step 3 for authentication, in order to obtain the server's management password and the server's control password. These passwords are used to authenticate all requests to the server and all event notifications from the server.
5. The client makes a web service request to the server using the HTTPS protocol over the TCP port obtained in step 2 to the endpoint **IMultiPointCredentialRequest** (section [3.4](#)) using the credentials obtained in step 3 for authentication, and supplies the client's X.509 identification certificate so that the server can send event notifications to the client.

Once this process is complete, the client machine is considered trusted by the server machine and the client can make any of the management requests supported by the protocol.

## 1.6 Applicability Statement

The Remote Session Monitoring and Control Protocol is applicable in environments in which there is a need to monitor and/or manage **RDP** sessions running on the server.

## 1.7 Versioning and Capability Negotiation

The protocol version can be determined by making a **web service** API call using **HTTP**, which returns the protocol version.

**Protocol Versions:** There is only a single version of this protocol, which is version "1".

## 1.8 Vendor-Extensible Fields

None.

## 1.9 Standards Assignments

None.

## 2 Messages

### 2.1 Transport

The Remote Session Monitoring and Control Protocol operates over the following web service transports:

- SOAP over HTTP over TCP/IP [\[RFC7230\]](#)
- SOAP over HTTP over TLS [\[RFC2246\]](#)

### 2.2 Common Message Syntax

#### 2.2.1 Namespaces

This specification defines and references various **XML namespaces** using the mechanisms specified in [\[XMLNS\]](#). Although this specification associates a specific XML namespace prefix for each XML namespace that is used, the choice of any particular XML namespace prefix is implementation-specific and not significant for interoperability.

Prefix	NameSpaces URI	Reference
soap12	<a href="http://schemas.xmlsoap.org/wsdl/soap12/">http://schemas.xmlsoap.org/wsdl/soap12/</a>	<a href="#">[SOAP1.2-1/2003]</a> , <a href="#">[SOAP1.2-2/2003]</a>
tns	<a href="http://MultiPoint">http://MultiPoint</a>	This specification
wsaw	<a href="http://www.w3.org/2006/05/addressing/wsdl">http://www.w3.org/2006/05/addressing/wsdl</a>	<a href="#">[WSAWSDL]</a>
wsdl	<a href="http://schemas.xmlsoap.org/wsdl/">http://schemas.xmlsoap.org/wsdl/</a>	<a href="#">[WSDL]</a>
xsd	<a href="http://www.w3.org/2001/XMLSchema">http://www.w3.org/2001/XMLSchema</a>	<a href="#">[XMLSCHEMA]</a>

#### 2.2.2 Messages

This specification does not define any common WSDL message definitions.

#### 2.2.3 Elements

The following table summarizes the set of common **XML Schema** element definitions defined by this specification. XML Schema element definitions that are specific to a particular operation are described with the operation.

Element	Description
<WmsFaultType>	Used to return specific internal server failure codes

##### 2.2.3.1 WmsFaultType

```
<xsd:element name="WmsFaultType" type="tns:WmsFaultType"/>
```

## 2.2.4 Complex Types

The following table summarizes the set of common XML Schema complex type definitions defined by this specification. XML Schema complex type definitions that are specific to a particular operation are described with the operation.

Element	Description
<ArrayOfBytes>	Array of 0 or more elements of type xsd:unsignedByte.
<ArrayOfStrings>	Array of 0 or more elements of type xsd:string.
<WmsFaultType>	Used to return specific internal server failure code

### 2.2.4.1 ArrayOfBytes

The **ArrayOfBytes** complex type is an array of zero or more elements of type xsd:unsignedByte.

```
<xsd:complexType name="ArrayOfBytes">
  <xsd:sequence>
    <xsd:element minOccurs="0" maxOccurs="unbounded" name="prgData" type="xsd:unsignedByte"
  />
  </xsd:sequence>
</xsd:complexType>
```

**prgData:** A single byte member of the array.

### 2.2.4.2 ArrayOfStrings

The **ArrayOfStrings** complex type is an array of zero or more elements of type xsd:string.

```
<xsd:complexType name="ArrayOfStrings">
  <xsd:sequence>
    <xsd:element minOccurs="0" maxOccurs="unbounded" name="prgData" type="xsd:string" />
  </xsd:sequence>

</xsd:complexType>
```

**prgData:** A single string member of the array.

### 2.2.4.3 WmsFaultType

The **WmsFaultType** element is the top level node.

```
<xsd:complexType name="WmsFaultType">
  <xsd:sequence>
    <xsd:element minOccurs="1" maxOccurs="1" name="hr" type="xsd:unsignedInt"/>
  </xsd:sequence>
</xsd:complexType>
```

**hr:** Contains an unsigned 32-bit integer that specifies the server failure code.



## 2.2.5 Simple Types

The following table summarizes the set of common XML Schema simple type definitions defined by this specification. XML Schema simple type definitions that are specific to a particular operation are described with the operation.

Element	Description
<guid>	Type representing a globally unique identifier.

### 2.2.5.1 Guid

The **guid** type represents a valid **globally unique identifier (GUID)**.[<1>](#)

```
<xsd:simpleType name="guid">
  <xsd:restriction base="xsd:string">
    <xsd:pattern value="\{[0-9a-fA-F]{8}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{12}\}" />
  </xsd:restriction>
</xsd:simpleType>
```

## 2.2.6 Attributes

This specification does not define any common XML schema attribute definitions.

## 2.2.7 Groups

This specification does not define any common XML schema group definitions.

## 2.2.8 Attribute Groups

This specification does not define any common XML schema attribute group definitions.

## 2.2.9 Common Data Structures

This specification does not define any common data structures.

## 2.3 Directory Service Schema Elements

This specification does not define any directory service schema elements.

## 3 Protocol Details

This protocol operates between a client machine and a server machine, where the server machine is hosting one or more Windows sessions that the client machine monitors and/or controls. The client machine initiates all communication with the server machine. The one exception is if the client machine has requested the server machine to provide event notifications to the client machine. In this case, the client machine provides the URL of the endpoint to which the server machine sends any server event messages. The server continues to send event messages to the client machine until it is requested to stop by the client, or it receives a web service error indicating that the client's endpoint has been shut down.

The protocol is intended to be stateless wherever possible. The only state information maintained is related to a client machine registering/unregistering for server events.

### 3.1 IMultiPointCertificateRequest Server Details

This endpoint supports two methods that allows a client to retrieve either the version of MS-RSMC that the server implements or the server's **X.509** certificate so that all future communications between the client and the server can be secured. These requests are made using **HTTP** over port 80.

#### 3.1.1 Abstract Data Model

This section describes a conceptual model of possible data organization that an implementation maintains to participate in this algorithm. The described organization is provided to facilitate the explanation of how the algorithm behaves. This document does not mandate that implementations adhere to this model, as long as their external behavior is consistent with that described in this document.

The server **MUST** supply a **X.509** certificate for the purpose of server identification and to be used by the client and server to encrypt **SOAP** requests/responses.

#### 3.1.2 Timers

None.

#### 3.1.3 Initialization

None.

#### 3.1.4 Message Processing Events and Sequencing Rules

This protocol includes the following **WSDL operations**.

Operation	Description
GetProtocolVersion	Requests that the server return the version of the Remote Session Monitoring and Control Protocol that it implements.
RequestSslCertificate	Requests that the server return its server-identification certificate to be used to secure communication with the server.

### 3.1.4.1 GetProtocolVersion Operation

The **GetProtocolVersion** operation requests that the server return which version of the Remote Session Monitoring and Control Protocol it implements.

```
<wsdl:operation name="GetProtocolVersion">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCertificateRequest/GetProtocolVersion" name="IMultiPointCertificateRequest_GetProtocolVersion_InputMessage"
    message="tns:IMultiPointCertificateRequest_GetProtocolVersion_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCertificateRequest/GetProtocolVersionResponse" name="IMultiPointCertificateRequest_GetProtocolVersion_OutputMessage"
    message="tns:IMultiPointCertificateRequest_GetProtocolVersion_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointCertificateRequest_GetProtocolVersion_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.1.4.1.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointCertificateRequest_GetProtocolVersion_InputMessage	This message requests the server's protocol version.
IMultiPointCertificateRequest_GetProtocolVersion_OutputMessage	This message returns the server's protocol version.
IMultiPointCertificateRequest_GetProtocolVersion_WmsFaultType_FaultMessage	This message contains the internal server failure status code, if one occurs.

##### 3.1.4.1.1.1 IMultiPointCertificateRequest\_GetProtocolVersion\_InputMessage Message

A WSDL message containing the request for the **GetProtocolVersion WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointCertificateRequest/GetProtocolVersion
<wsdl:message name="IMultiPointCertificateRequest_GetProtocolVersion_InputMessage">
  <wsdl:part name="GetProtocolVersion" element="tns:GetProtocolVersion"/>
</wsdl:message>
```

##### 3.1.4.1.1.2 IMultiPointCertificateRequest\_GetProtocolVersion\_OutputMessage Message

A WSDL message containing the response for the **GetProtocolVersion WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointCertificateRequest/GetProtocolVersionResponse
<wsdl:message name="IMultiPointCertificateRequest_GetProtocolVersion_OutputMessage">
  <wsdl:part name="GetProtocolVersionResponse" element="tns:GetProtocolVersionResponse"/>
</wsdl:message>
```

```
</wsdl:message>
```

### 3.1.4.1.1.3 IMultiPointCertificateRequest\_GetProtocolVersion\_WmsFaultType\_Fault Message Message

A WSDL message containing a fault for the **GetProtocolVersion WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message
name="IMultiPointCertificateRequest_GetProtocolVersion_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.1.4.1.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<GetProtocolVersion>	An input parameter element
<GetProtocolVersionResponse>	An output data element

#### 3.1.4.1.2.1 GetProtocolVersion

```
<xsd:element name="GetProtocolVersion"
type="q1:GetProtocolVersionRequestBody"/>
```

#### 3.1.4.1.2.2 GetProtocolVersionResponse

```
<xsd:element name="GetProtocolVersionResponse"
type="tns:GetProtocolVersionResponseBody"/>
```

### 3.1.4.1.3 Complex Types

The following table summarizes the **XML Schema** complex type definitions that are specific to this operation.

Complex type	Description
<GetProtocolVersionRequestBody>	XML supplying the input parameters
<GetProtocolVersionResponseBody>	XML supplying the output parameters

#### 3.1.4.1.3.1 GetProtocolVersionRequestBody

```
<xsd:complexType name="GetProtocolVersionRequestBody"/>
```

### 3.1.4.1.3.2 GetProtocolVersionResponseBody

```
<xsd:complexType name="GetProtocolVersionResponseBody">
  <xsd:sequence>
    <xsd:element minOccurs="1" maxOccurs="1" name="pProtocolVersion" type="xsd:unsignedInt"/>
  </xsd:sequence>
</xsd:complexType>
```

**pProtocolVersion:** Contains the version number. 0 = initial version.

### 3.1.4.2 RequestSslCertificate Operation

The **RequestSslCertificate** operation is used to request the server identification certificate, which is used to secure communication with the server.

```
<wsdl:operation name="RequestSslCertificate">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCertificateRequest/RequestSslCertificate" name="IMultiPointCertificateRequest_RequestSslCertificate_InputMessage"
message="tns:IMultiPointCertificateRequest_RequestSslCertificate_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCertificateRequest/RequestSslCertificateResponse" name="IMultiPointCertificateRequest_RequestSslCertificate_OutputMessage"
message="tns:IMultiPointCertificateRequest_RequestSslCertificate_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointCertificateRequest_RequestSslCertificate_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.1.4.2.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointCertificateRequest_RequestSslCertificate_InputMessage	This message requests the server's certificate.
IMultiPointCertificateRequest_RequestSslCertificate_OutputMessage	This message returns the server's certificate.
IMultiPointCertificateRequest_RequestSslCertificate_WmsFaultType_FaultMessage	This message contains the internal server failure status code, if one occurs.

#### 3.1.4.2.1.1 IMultiPointCertificateRequest\_RequestSslCertificate\_InputMessage Message

A **WSDL message** containing the request for the **RequestSslCertificate WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointCertificateRequest/RequestSslCertificate
<wsdl:message name="IMultiPointCertificateRequest_RequestSslCertificate_InputMessage">
  <wsdl:part name="RequestSslCertificate" element="tns:RequestSslCertificate"/>
</wsdl:message>
```

### 3.1.4.2.1.2 IMultiPointCertificateRequest\_RequestSslCertificate\_OutputMessage Message

A **WSDL message** containing the response for the **RequestSslCertificate WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointCertificateRequest/RequestSslCertificateResponse
<wsdl:message name="IMultiPointCertificateRequest_RequestSslCertificate_OutputMessage">
  <wsdl:part name="RequestSslCertificateResponse"
    element="tns:RequestSslCertificateResponse"/>
</wsdl:message>
```

### 3.1.4.2.1.3 IMultiPointCertificateRequest\_RequestSslCertificate\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **RequestSslCertificate WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message
  name="IMultiPointCertificateRequest_RequestSslCertificate_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.1.4.2.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<RequestSslCertificate>	An input parameter element
<RequestSslCertificateResponse>	An output data element

#### 3.1.4.2.2.1 RequestSslCertificate

```
<xsd:element name="RequestSslCertificate"
  type="q1:RequestSslCertificateRequestBody"/>
```

#### 3.1.4.2.2.2 RequestSslCertificateResponse

```
<xsd:element name="RequestSslCertificateResponse"
  type="tns:RequestSslCertificateResponseBody"/>
```

### 3.1.4.2.3 Complex Types

The following table summarizes the XML Schema complex type definitions that are specific to this operation.

Complex type	Description
<RequestSslCertificateRequestBody>	XML supplying the input parameters
<RequestSslCertificateResponseBody>	XML supplying the output parameters

### 3.1.4.2.3.1 RequestSslCertificateRequestBody

```
<xsd:complexType name="RequestSslCertificateRequestBody"/>
```

### 3.1.4.2.3.2 RequestSslCertificateResponseBody

```
<xsd:complexType name="RequestSslCertificateResponseBody">
  <xsd:sequence>
    <xsd:element minOccurs="1" maxOccurs="1" name="pSslPort" type="xsd:unsignedInt"/>
    <xsd:element minOccurs="1" maxOccurs="1" name="pwsSslCertificateThumbprint"
type="xsd:string"/>
    <xsd:element minOccurs="1" maxOccurs="1" name="ppSslCertificate"
type="tns:ArrayOfBytes"/>
  </xsd:sequence>
</xsd:complexType>
```

**pSslPort:** Contains the port number that the server listens on for secure requests.

**pwsSslCertificateThumbprint:** Contains the server's certificate thumbprint.

**ppSslCertificate:** Contains the server's binary **X.509** certificate. Clients MUST verify that the subject name of the certificate matches the host name of the server. Clients MUST also verify that the certificate's enhanced key usage (EKU) supports only **Server Authentication**.

### 3.1.5 Timer Events

None.

### 3.1.6 Other Local Events

None.

## 3.2 IMultiPointChat Server Details

This endpoint supports the chat functionality, which allows a client and a server to establish a text chat session and send text messages back and forth.

### 3.2.1 Abstract Data Model

This section describes a conceptual model of possible data organization that an implementation maintains to participate in this algorithm. The described organization is provided to facilitate the explanation of how the algorithm behaves. This document does not mandate that implementations adhere to this model as long as their external behavior is consistent with that described in this document.

The server MUST supply an **X.509** certificate for the purpose of server identification and to be used by the client and server to encrypt **SOAP** requests/responses.

The server MUST create and securely store a random password to be used to authenticate API requests.

### 3.2.2 Timers

None.

### 3.2.3 Initialization

None.

### 3.2.4 Message Processing Events and Sequencing Rules

The following table summarizes the list of operations as defined by this protocol.

Operation	Description
Connect	Creates a chat connection.
Disconnect	Destroys a chat connection.
GetChatId	Gets the chat connection ID.
Ping	Signals the chat partner.
SendError	Sends an error code to the chat partner.
SendMsg	Sends a text message to the chat partner.

#### 3.2.4.1 Connect Operation

The **Connect** operation creates a chat connection. This operation MUST be authenticated by using Notification Sink Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="Connect">
  <wsdl:input wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointChat/Connect"
name="IMultiPointChat_Connect_InputMessage"
message="tns:IMultiPointChat_Connect_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointChat/ConnectResponse"
name="IMultiPointChat_Connect_OutputMessage"
message="tns:IMultiPointChat_Connect_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointChat_Connect_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

##### 3.2.4.1.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointChat_Connect_InputMessage	This message requests the connection of a chat session between the client and the server.



Message	Description
IMultiPointChat_Connect_OutputMessage	Response message for the IMultiPointChat <b>Connect</b> WSDL operation.
IMultiPointChat_Connect_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.2.4.1.1.1 IMultiPointChat\_Connect\_InputMessage Message

A **WSDL message** containing the request for the **Connect WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointChat/Connect
<wsdl:message name="IMultiPointChat_Connect_InputMessage">
  <wsdl:part name="Connect" element="tns:Connect"/>
</wsdl:message>
```

#### 3.2.4.1.1.2 IMultiPointChat\_Connect\_OutputMessage Message

A **WSDL message** containing the response for the **Connect WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointChat/ConnectResponse
<wsdl:message name="IMultiPointChat_Connect_OutputMessage">
  <wsdl:part name="ConnectResponse" element="tns:ConnectResponse"/>
</wsdl:message>
```

#### 3.2.4.1.1.3 IMultiPointChat\_Connect\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **Connect WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointChat_Connect_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

#### 3.2.4.1.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<Connect>	Input parameters element
<ConnectResponse>	Output data element

#### 3.2.4.1.2.1 Connect

```
<xsd:element name="Connect"
type="tns:ConnectRequestBody"/>
```

### 3.2.4.1.2.2 ConnectResponse

```
<xsd:element name="ConnectResponse"
type="q1:ConnectResponseBody"/>
```

### 3.2.4.1.3 Complex Types

The following table summarizes the XML Schema complex type definitions that are specific to this operation.

Complex type	Description
<ConnectRequestBody>	XML supplying the input parameters
<ConnectResponseBody>	XML supplying the output parameters

#### 3.2.4.1.3.1 ConnectRequestBody

```
<xsd:complexType name="ConnectRequestBody">
  <xsd:sequence>
    <xsd:element minOccurs="1" maxOccurs="1" name="wsTeacherUserName"
type="xsd:string"/>
    <xsd:element minOccurs="1" maxOccurs="1" name="guidDestChatId"
type="tns:guid"/>
  </xsd:sequence>
</xsd:complexType>
```

**wsTeacherUserName:** Contains the teacher's user name.

**guidDestChatId:** Contains the **globally unique identifier (GUID)** string ID of the chat destination.

#### 3.2.4.1.3.2 ConnectResponseBody

```
<xsd:complexType name="ConnectResponseBody"/>
```

### 3.2.4.2 Disconnect Operation

The **Disconnect** operation destroys a chat connection. This operation MUST be authenticated by using Notification Sink Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="Disconnect">
  <wsdl:input wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointChat/Disconnect"
name="IMultiPointChat_Disconnect_InputMessage"
message="tns:IMultiPointChat_Disconnect_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointChat/DisconnectResponse"
name="IMultiPointChat_Disconnect_OutputMessage"
message="tns:IMultiPointChat_Disconnect_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointChat_Disconnect_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

### 3.2.4.2.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointChat_Disconnect_InputMessage	This message destroys a chat connection.
IMultiPointChat_Disconnect_OutputMessage	Response message for the IMultiPointChat <b>Disconnect</b> WSDL operation.
IMultiPointChat_Disconnect_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.2.4.2.1.1 IMultiPointChat\_Disconnect\_InputMessage Message

A **WSDL message** containing the request for the **Disconnect WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointChat/Disconnect
<wsdl:message name="IMultiPointChat_Disconnect_InputMessage">
  <wsdl:part name="Disconnect" element="tns:Disconnect"/>
</wsdl:message>
```

#### 3.2.4.2.1.2 IMultiPointChat\_Disconnect\_OutputMessage Message

A **WSDL message** containing the response for the **Disconnect WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointChat/DisconnectResponse
<wsdl:message name="IMultiPointChat_Disconnect_OutputMessage">
  <wsdl:part name="DisconnectResponse" element="tns:DisconnectResponse"/>
</wsdl:message>
```

#### 3.2.4.2.1.3 IMultiPointChat\_Disconnect\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **Disconnect WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointChat_Disconnect_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.2.4.2.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<Disconnect>	Input parameters element
<DisconnectResponse>	Output data element

### 3.2.4.2.2.1 Disconnect

```
<xsd:element name="Disconnect"
type="tns:DisconnectRequestBody"/>
```

### 3.2.4.2.2.2 DisconnectResponse

```
<xsd:element name="DisconnectResponse"
type="q1:DisconnectResponseBody"/>
```

### 3.2.4.2.3 Complex Types

The following table summarizes the **XML Schema** complex type definitions that are specific to this operation.

Complex type	Description
<DisconnectRequestBody>	XML supplying the input parameters
<DisconnectResponseBody>	XML supplying the output parameters

#### 3.2.4.2.3.1 DisconnectRequestBody

```
<xsd:complexType name="DisconnectRequestBody">
  <xsd:sequence>
    <xsd:element minOccurs="1" maxOccurs="1" name="guidDestChatId"
type="tns:guid"/>
  </xsd:sequence>
</xsd:complexType>
```

**guidDestChatId:** Contains the **GUID** string ID of the chat destination.

#### 3.2.4.2.3.2 DisconnectResponseBody

```
<xsd:complexType name="DisconnectResponseBody"/>
```

### 3.2.4.3 GetChatId Operation

The **GetChatId** operation gets the chat connection ID. This operation **MUST** be authenticated by using Notification Sink Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="GetChatId">
  <wsdl:input wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointChat/GetChatId"
name="IMultiPointChat_GetChatId_InputMessage"
message="tns:IMultiPointChat_GetChatId_InputMessage"/>
```

```

    <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointChat/GetChatIdResponse"
name="IMultiPointChat_GetChatId_OutputMessage"
message="tns:IMultiPointChat_GetChatId_OutputMessage"/>
    <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointChat_GetChatId_WmsFaultType_FaultMessage"/>
</wsdl:operation>

```

### 3.2.4.3.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointChat_GetChatId_InputMessage	This message requests chat connection ID.
IMultiPointChat_GetChatId_OutputMessage	Response message.
IMultiPointChat_GetChatId_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.2.4.3.1.1 IMultiPointChat\_GetChatId\_InputMessage Message

A **WSDL message** containing the request for the **GetChatId WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointChat/GetChatId
<wsdl:message name="IMultiPointChat_GetChatId_InputMessage">
  <wsdl:part name="GetChatId" element="tns:GetChatId"/>
</wsdl:message>

```

#### 3.2.4.3.1.2 IMultiPointChat\_GetChatId\_OutputMessage Message

A **WSDL message** containing the response for the **GetChatId WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointChat/GetChatIdResponse
<wsdl:message name="IMultiPointChat_GetChatId_OutputMessage">
  <wsdl:part name="GetChatIdResponse" element="tns:GetChatIdResponse"/>
</wsdl:message>

```

#### 3.2.4.3.1.3 IMultiPointChat\_GetChatId\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **GetChatId WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointChat_GetChatId_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>

```

### 3.2.4.3.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<GetChatId>	Input parameters element
<GetChatIdResponse>	Output data element

#### 3.2.4.3.2.1 GetChatId

```
<xsd:element name="GetChatId"
type="tns:GetChatIdRequestBody"/>
```

#### 3.2.4.3.2.2 GetChatIdResponse

```
<xsd:element name="GetChatIdResponse"
type="tns:GetChatIdResponseBody"/>
```

### 3.2.4.3.3 Complex Types

The following table summarizes the **XML Schema** complex type definitions that are specific to this operation.

Complex type	Description
<GetChatIdRequestBody>	XML supplying the input parameters
<GetChatIdResponseBody>	XML supplying the output parameters

#### 3.2.4.3.3.1 GetChatIdRequestBody

```
<xsd:complexType name="GetChatIdRequestBody">
  <xsd:sequence>
    <xsd:element minOccurs="1" maxOccurs="1" name="wsTeacherServerName" type="xsd:string"/>
    <xsd:element minOccurs="1" maxOccurs="1" name="idTeacherSession" type="xsd:unsignedInt"/>
    <xsd:element minOccurs="1" maxOccurs="1" name="wsTeacherUserName" type="xsd:string"/>
    <xsd:element minOccurs="1" maxOccurs="1" name="idStudentSession" type="xsd:unsignedInt"/>
  </xsd:sequence>
</xsd:complexType>
```

**wsTeacherServerName:** Contains the host name of the teacher.

**idTeacherSession:** Contains the remote desktop session of the teacher.

**wsTeacherUserName:** Contains the teacher's user name.

**idStudentSession:** Contains the remote desktop session ID of the student.

#### 3.2.4.3.3.2 GetChatIdResponseBody

```
<xsd:complexType name="GetChatIdResponseBody">
```

```

    <xsd:sequence>
      <xsd:element minOccurs="0" maxOccurs="1" name="pguidStudentChat" type="tns:guid"/>
    </xsd:sequence>
  </xsd:complexType>

```

**pguidStudentChat:** Contains the **GUID** string chat ID of the student.

### 3.2.4.4 Ping Operation

The **Ping** operation signals the chat partner. This operation **MUST** be authenticated by using Notification Sink Management Credentials (section [3.4.1](#)).

```

<wsdl:operation name="Ping">
  <wsdl:input wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointChat/Ping"
    name="IMultiPointChat Ping InputMessage" message="tns:IMultiPointChat Ping InputMessage"/>
  <wsdl:output wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointChat/PingResponse"
    name="IMultiPointChat Ping OutputMessage" message="tns:IMultiPointChat Ping OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointChat_Ping_WmsFaultType_FaultMessage"/>
</wsdl:operation>

```

#### 3.2.4.4.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointChat_Ping_InputMessage	This message signals the chat partner.
IMultiPointChat_Ping_OutputMessage	Response message for the IMultiPointChat <b>Ping</b> WSDL operation.
IMultiPointChat_Ping_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

##### 3.2.4.4.1.1 IMultiPointChat\_Ping\_InputMessage Message

A **WSDL message** containing the request for the **Ping WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointChat/Ping
<wsdl:message name="IMultiPointChat_Ping_InputMessage">
  <wsdl:part name="Ping" element="tns:Ping"/>
</wsdl:message>

```

##### 3.2.4.4.1.2 IMultiPointChat\_Ping\_OutputMessage Message

A **WSDL message** containing the response the for **Ping WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointChat/PingResponse

```

```

<wsdl:message name="IMultiPointChat_Ping_OutputMessage">
  <wsdl:part name="PingResponse" element="tns:PingResponse"/>
</wsdl:message>

```

### 3.2.4.4.1.3 IMultiPointChat\_Ping\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **Ping WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointChat_Ping_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>

```

### 3.2.4.4.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<Ping>	Input parameters element
<PingResponse>	Output data element

#### 3.2.4.4.2.1 Ping

```

<xsd:element name="Ping">
  <xsd:complexType/>
</xsd:element>

```

#### 3.2.4.4.2.2 PingResponse

```

<xsd:element name="PingResponse">
  <xsd:complexType/>
</xsd:element>

```

#### 3.2.4.4.3 Complex Types

None.

### 3.2.4.5 SendError Operation

The **SendError** operation sends a chat error message to the recipient. This operation **MUST** be authenticated by using Notification Sink Management Credentials (section [3.4.1](#)).

```

<wsdl:operation name="SendError">
  <wsdl:input wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointChat/SendError"
name="IMultiPointChat_SendError_InputMessage"
message="tns:IMultiPointChat_SendError_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointChat/SendErrorResponse"

```



```

name="IMultiPointChat_SendError_OutputMessage"
message="tns:IMultiPointChat_SendError_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointChat_SendError_WmsFaultType_FaultMessage"/>
</wsdl:operation>

```

### 3.2.4.5.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointChat_SendError_InputMessage	This message is sent to pass a chat failure to the remote party.
IMultiPointChat_SendError_OutputMessage	Response message.
IMultiPointChat_SendError_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.2.4.5.1.1 IMultiPointChat\_SendError\_InputMessage Message

A **WSDL message** containing the request for **SendError WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointChat/SendError
<wsdl:message name="IMultiPointChat_SendError_InputMessage">
  <wsdl:part name="SendError" element="tns:SendError"/>
</wsdl:message>

```

#### 3.2.4.5.1.2 IMultiPointChat\_SendError\_OutputMessage Message

A **WSDL message** containing the response for **SendError WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointChat/SendErrorResponse
<wsdl:message name="IMultiPointChat_SendError_OutputMessage">
  <wsdl:part name="SendErrorResponse" element="tns:SendErrorResponse"/>
</wsdl:message>

```

#### 3.2.4.5.1.3 IMultiPointChat\_SendError\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **SendError WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointChat_SendError_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>

```

### 3.2.4.5.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<SendError>	Input parameters element
<SendErrorResponse>	Output data element

### 3.2.4.5.2.1 SendError

```
<xsd:element name="SendError" type="tns:SendErrorRequestBody"/>
```

### 3.2.4.5.2.2 SendErrorResponse

```
<xsd:element name="SendErrorResponse" type="q1:SendErrorResponseBody"/>
```

### 3.2.4.5.3 Complex Types

The following table summarizes the **XML Schema** complex type definitions that are specific to this operation.

Complex type	Description
<SendErrorRequestBody>	XML supplying the input parameters
<SendErrorResponseBody>	XML supplying the output parameters

#### 3.2.4.5.3.1 SendErrorRequestBody

```
<xsd:complexType name="SendErrorRequestBody">
  <xsd:sequence>
    <xsd:element minOccurs="1" maxOccurs="1" name="guidDestChatId" type="tns:guid"/>
    <xsd:element minOccurs="1" maxOccurs="1" name="hrError" type="xsd:unsignedInt"/>
    <xsd:element minOccurs="1" maxOccurs="1" name="wsErrorMsg" type="xsd:string"/>
  </xsd:sequence>
</xsd:complexType>
```

**guidDestChatId:** Contains the **GUID** string ID of the chat destination.

**hrError:** Contains the error code.

**wsErrorMsg:** Contains the error message.

#### 3.2.4.5.3.2 SendErrorResponseBody

```
<xsd:complexType name="SendErrorResponseBody"/>
```

### 3.2.4.6 SendMsg Operation

The **SendMsg** operation sends the chat message to the recipient. This operation **MUST** be authenticated by using Notification Sink Management Credentials (section [3.4.1](#)).

```

<wsdl:operation name="SendMsg">
  <wsdl:input wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointChat/SendMsg"
  name="IMultiPointChat_SendMsg_InputMessage"
  message="tns:IMultiPointChat_SendMsg_InputMessage"/>
  <wsdl:output
  wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointChat/SendMsgResponse"
  name="IMultiPointChat_SendMsg_OutputMessage"
  message="tns:IMultiPointChat_SendMsg_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
  message="tns:IMultiPointChat_SendMsg_WmsFaultType_FaultMessage"/>
</wsdl:operation>

```

### 3.2.4.6.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointChat_SendMsg_InputMessage	This message is sent to pass a chat message to the recipient.
IMultiPointChat_SendMsg_OutputMessage	Response message.
IMultiPointChat_SendMsg_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.2.4.6.1.1 IMultiPointChat\_SendMsg\_InputMessage Message

A **WSDL message** containing the request for the **SendMsg WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointChat/SendMsg
<wsdl:message name="IMultiPointChat_SendMsg_InputMessage">
  <wsdl:part name="SendMsg" element="tns:SendMsg"/>
</wsdl:message>

```

#### 3.2.4.6.1.2 IMultiPointChat\_SendMsg\_OutputMessage Message

A **WSDL message** containing the response for the **SendMsg WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointChat/SendMsgResponse
<wsdl:message name="IMultiPointChat_SendMsg_OutputMessage">
  <wsdl:part name="SendMsgResponse" element="tns:SendMsgResponse"/>
</wsdl:message>

```

#### 3.2.4.6.1.3 IMultiPointChat\_SendMsg\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **SendMsg WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/WmsFault

```

```

<wsdl:message name="IMultiPointChat_SendMsg_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>

```

### 3.2.4.6.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<SendMsg>	Input parameters element
<SendMsgResponse>	Output data element

#### 3.2.4.6.2.1 SendMsg

```
<xsd:element name="SendMsg" type="tns:SendMsgRequestBody"/>
```

#### 3.2.4.6.2.2 SendMsgResponse

```
<xsd:element name="SendMsgResponse" type="q1:SendMsgResponseBody"/>
```

### 3.2.4.6.3 Complex Types

The following table summarizes the **XML Schema** complex type definitions that are specific to this operation.

Complex type	Description
<SendMsgRequestBody>	XML supplying the input parameters
<SendMsgResponseBody>	XML supplying the output parameters

#### 3.2.4.6.3.1 SendMsgRequestBody

```

<xsd:complexType name="SendMsgRequestBody">
  <xsd:sequence>
    <xsd:element minOccurs="1" maxOccurs="1" name="wsMessage" type="xsd:string"/>
    <xsd:element minOccurs="1" maxOccurs="1" name="guidDestChatId" type="tns:guid"/>
  </xsd:sequence>
</xsd:complexType>

```

**wsMessage:** Contains the text of the chat message.

**guidDestChatId:** Contains the **GUID** string ID of the chat destination.

#### 3.2.4.6.3.2 SendMsgResponseBody

```
<xsd:complexType name="SendMsgResponseBody"/>
```

### 3.2.5 Timer Events

None.

### 3.2.6 Other Local Events

None.

## 3.3 IMultiPointCoreEventSink Server Details

The IMultiPointCoreEventSink is a **web service** implemented by the client for the purpose of receiving asynchronous events from a server.

### 3.3.1 Abstract Data Model

This section describes a conceptual model of possible data organization that an implementation maintains to participate in this algorithm. The described organization is provided to facilitate the explanation of how the algorithm behaves. This document does not mandate that implementations adhere to this model as long as their external behavior is consistent with that described in this document.

The server **MUST** supply an **X.509** certificate for the purpose of server identification and to be used by the client and server to encrypt **SOAP** requests/responses.

The server **MUST** create and securely store a random password to be used to authenticate API requests.

### 3.3.2 Timers

None.

### 3.3.3 Initialization

None.

### 3.3.4 Message Processing Events and Sequencing Rules

The following table summarizes the list of **WSDL operations** that process when their associated events occur as defined by this protocol.

Operation	Description
OnAssociateSessionWithStation	A specific remote desktop session is bound to a station.
OnBeginIdentifySession	The identify session process begins.
OnBeginIdentifyStation	The identify station process begins.
OnBootToConsoleModeChange	The boot to console setting changes state.
OnConfigureStation	A station's configuration changes.
OnDesktopMonitoringChange	The desktop monitoring configuration state changes.
OnDeviceAdded	A new device is added.
OnDeviceRemoved	An existing device is removed.

<b>Operation</b>	<b>Description</b>
OnEndIdentifySession	The identify session process completes.
OnEndIdentifyStation	The identify station process completes.
OnEnterSplitScreen	A display is split.
OnExitSplitScreen	A display is no longer split.
OnManagedServerOffline	A server managed by the client goes offline.
OnManagedServerOnline	A server managed by the client comes online.
OnPeerServerAdded	A multipoint machine is added for management.
OnPeerServerDiscovered	A multipoint machine is detected on the network.
OnPeerServerRemoved	A multipoint machine is no longer managed.
OnProjectionStateChange	The sharing state of a remote desktop session changes.
OnScheduledUpdateSettingsChanged	The disk protection update schedule changes.
OnServiceControlSessionChange	The remote desktop session state changes.
OnSessionAgentReady	The session agent is ready.
OnSessionBlocked	A session is blocked.
OnSessionConnecting	A session is in the process of connecting.
OnSessionDisconnected	A session is disconnected.
OnSessionUnblocked	A session is unblocked.
OnStationAdded	A new station is added.
OnStationAlert	A station alert occurs.
OnStationRemoved	An existing station is removed.
OnSystemAlert	A system alert occurs.
OnSystemModeChange	Server system mode changes.
OnVirtualDesktopNotification	Reports virtual desktop configuration progress.
ShutdownNotification	The server is shutting down.
OnUserCreated	A new user account is created.
OnUserUpdated	An existing user account is modified.
OnUserDeleted	An existing user account is removed.
OnGroupUpdated	A user group changes.

### 3.3.4.1 OnAssociateSessionWithStation Operation

The **OnAssociateSessionWithStation** operation event occurs when a station is associated with a remote desktop session. This operation **MUST** be authenticated by using Notification Sink Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="OnAssociateSessionWithStation">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnAssociateSessionWithStation" name="IMultiPointCoreEventSink_OnAssociateSessionWithStation_InputMessage"
    message="tns:IMultiPointCoreEventSink_OnAssociateSessionWithStation_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnAssociateSessionWithStationResponse" name="IMultiPointCoreEventSink_OnAssociateSessionWithStation_OutputMessage"
    message="tns:IMultiPointCoreEventSink_OnAssociateSessionWithStation_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointCoreEventSink_OnAssociateSessionWithStation_WmsFaultType_FaultMessage" />
</wsdl:operation>
```

#### 3.3.4.1.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointCoreEventSink_OnAssociateSessionWithStation_InputMessage	This message is sent when a station is associated with a remote desktop session.
IMultiPointCoreEventSink_OnAssociateSessionWithStation_OutputMessage	Response message.
IMultiPointCoreEventSink_OnAssociateSessionWithStation_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs

##### 3.3.4.1.1.1 IMultiPointCoreEventSink\_OnAssociateSessionWithStation\_InputMessage Message

A **WSDL message** containing the request for the **OnAssociateSessionWithStation WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnAssociateSessionWithStation
<wsdl:message name="IMultiPointCoreEventSink_OnAssociateSessionWithStation_InputMessage">
  <wsdl:part name="OnAssociateSessionWithStation"
    element="tns:OnAssociateSessionWithStation"/>
</wsdl:message>
```

##### 3.3.4.1.1.2 IMultiPointCoreEventSink\_OnAssociateSessionWithStation\_OutputMessage Message

A **WSDL message** containing the response for the **OnAssociateSessionWithStation WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnAssociateSessionWithStationResponse
<wsdl:message name="IMultiPointCoreEventSink OnAssociateSessionWithStation OutputMessage">
  <wsdl:part name="OnAssociateSessionWithStationResponse"
    element="tns:OnAssociateSessionWithStationResponse"/>
</wsdl:message>
```

### 3.3.4.1.1.3 IMultiPointCoreEventSink\_OnAssociateSessionWithStation\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **OnAssociateSessionWithStation WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message
  name="IMultiPointCoreEventSink OnAssociateSessionWithStation WmsFaultType FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.3.4.1.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<OnAssociateSessionWithStation>	Input parameters element
<OnAssociateSessionWithStationResponse>	Output data element

#### 3.3.4.1.2.1 OnAssociateSessionWithStation

```
<xsd:element name="OnAssociateSessionWithStation">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="idStation" type="xsd:unsignedInt"/>
      <xsd:element minOccurs="1" maxOccurs="1" name="idSession" type="xsd:unsignedInt"/>
      <xsd:element minOccurs="1" maxOccurs="1" name="wsServerName" nillable="true"
        type="xsd:string"/>
      <xsd:element minOccurs="1" maxOccurs="1" name="wsVirtualMachineId" nillable="true"
        type="xsd:string"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**idStation:** Contains the ID of the **MultiPoint Station**. This is an unsigned integer with a range of 1 - n, where n is the number of stations currently available on the server.

**idSession:** Contains the ID of the remote desktop session being associated with the station.

**wsServerName:** Contains the name of the server hosting the session/station pair.

**wsVirtualMachineId:** If the session is hosted inside a virtual machine, this is the ID of the hosting virtual machine.



### 3.3.4.1.2.2 OnAssociateSessionWithStationResponse

```
<xsd:element name="OnAssociateSessionWithStationResponse">
  <xsd:complexType/>
</xsd:element>
```

### 3.3.4.1.3 Complex Types

None.

### 3.3.4.2 OnBeginIdentifySession Operation

The **OnBeginIdentifySession** operation event occurs when a session enters the identify session mode. This operation **MUST** be authenticated by using Notification Sink Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="OnBeginIdentifySession">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnBeginIdentifySession"
    name="IMultiPointCoreEventSink_OnBeginIdentifySession_InputMessage"
    message="tns:IMultiPointCoreEventSink_OnBeginIdentifySession_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnBeginIdentifySession"
    name="IMultiPointCoreEventSink_OnBeginIdentifySession_OutputMessage"
    message="tns:IMultiPointCoreEventSink_OnBeginIdentifySession_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointCoreEventSink_OnBeginIdentifySession_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.3.4.2.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointCoreEventSink_OnBeginIdentifySession_InputMessage	This message is sent when a station enters identify session mode.
IMultiPointCoreEventSink_OnBeginIdentifySession_OutputMessage	Response message.
IMultiPointCoreEventSink_OnBeginIdentifySession_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.3.4.2.1.1 IMultiPointCoreEventSink\_OnBeginIdentifySession\_InputMessage Message

A **WSDL message** containing the request for the **OnBeginIdentifySession WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnBeginIdentifySession
<wsdl:message name="IMultiPointCoreEventSink_OnBeginIdentifySession_InputMessage">
  <wsdl:part name="OnBeginIdentifySession" element="tns:OnBeginIdentifySession"/>
</wsdl:message>
```

### 3.3.4.2.1.2 IMultiPointCoreEventSink\_OnBeginIdentifySession\_OutputMessage Message

A **WSDL message** containing the response for the **OnBeginIdentifySession WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnBeginIdentifySessionResponse
<wsdl:message name="IMultiPointCoreEventSink_OnBeginIdentifySession_OutputMessage">
  <wsdl:part name="OnBeginIdentifySessionResponse"
  element="tns:OnBeginIdentifySessionResponse"/>
</wsdl:message>
```

### 3.3.4.2.1.3 IMultiPointCoreEventSink\_OnBeginIdentifySession\_WmsFaultType\_Fault Message Message

A **WSDL message** containing a fault for the **OnBeginIdentifySession WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message
name="IMultiPointCoreEventSink_OnBeginIdentifySession_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.3.4.2.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<OnBeginIdentifySession>	Input parameters element
<OnBeginIdentifySessionResponse>	Output data element

#### 3.3.4.2.2.1 OnBeginIdentifySession

```
<xsd:element name="OnBeginIdentifySession">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="idSession" type="xsd:unsignedInt"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**idSession:** Contains the ID of the remote desktop session being associated with the station.

#### 3.3.4.2.2.2 OnBeginIdentifySessionResponse

```
<xsd:element name="OnBeginIdentifySessionResponse">
  <xsd:complexType/>
</xsd:element>
```

### 3.3.4.2.3 Complex Types

None.

### 3.3.4.3 OnBeginIdentifyStation Operation

The **OnBeginIdentifyStation** operation event occurs when a station enters identify station mode. This operation MUST be authenticated by using Notification Sink Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="OnBeginIdentifyStation">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnBeginIdentifyStation" name="IMultiPointCoreEventSink_OnBeginIdentifyStation_InputMessage"
message="tns:IMultiPointCoreEventSink_OnBeginIdentifyStation_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnBeginIdentifyStation" name="IMultiPointCoreEventSink_OnBeginIdentifyStation_OutputMessage"
message="tns:IMultiPointCoreEventSink_OnBeginIdentifyStation_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointCoreEventSink_OnBeginIdentifyStation_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.3.4.3.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointCoreEventSink_OnBeginIdentifyStation_InputMessage	This message is sent when a station enters identify station mode.
IMultiPointCoreEventSink_OnBeginIdentifyStation_OutputMessage	Response message.
IMultiPointCoreEventSink_OnBeginIdentifyStation_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.3.4.3.1.1 IMultiPointCoreEventSink\_OnBeginIdentifyStation\_InputMessage Message

A **WSDL message** containing the request for the **OnBeginIdentifyStation WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnBeginIdentifyStation
<wsdl:message name="IMultiPointCoreEventSink_OnBeginIdentifyStation_InputMessage">
  <wsdl:part name="OnBeginIdentifyStation" element="tns:OnBeginIdentifyStation"/>
</wsdl:message>
```

#### 3.3.4.3.1.2 IMultiPointCoreEventSink\_OnBeginIdentifyStation\_OutputMessage Message

A **WSDL message** containing the response for the **OnBeginIdentifyStation WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnBeginIdentifyStationResponse
<wsdl:message name="IMultiPointCoreEventSink_OnBeginIdentifyStation_OutputMessage">
  <wsdl:part name="OnBeginIdentifyStation_Response"
  element="tns:OnBeginIdentifyStationResponse"/>
</wsdl:message>

```

### 3.3.4.3.1.3 IMultiPointCoreEventSink\_OnBeginIdentifyStation\_WmsFaultType\_Fault Message Message

A **WSDL message** containing a fault for the **OnBeginIdentifyStation WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message
name="IMultiPointCoreEventSink_OnBeginIdentifyStation_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>

```

### 3.3.4.3.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<OnBeginIdentifyStation>	Input parameters element
<OnBeginIdentifyStationResponse>	Output data element

#### 3.3.4.3.2.1 OnBeginIdentifyStation

```

<xsd:element name="OnBeginIdentifyStation">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="idStation" type="xsd:unsignedInt"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>

```

**idStation:** Contains the id of the **MultiPoint Station**. This is an unsigned integer with a range of 1 - n, where n is the number of stations currently available on the server.

#### 3.3.4.3.2.2 OnBeginIdentifyStationResponse

```

<xsd:element name="OnBeginIdentifyStationResponse">
  <xsd:complexType/>
</xsd:element>

```

#### 3.3.4.3.3 Complex Types

None.

### 3.3.4.4 OnBootToConsoleModeChange Operation

The **OnBootToConsoleModeChange** operation event occurs when the server's boot-to-console mode configuration changes. This operation **MUST** be authenticated by using Notification Sink Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="OnBootToConsoleModeChange">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnBootToConsoleModeC
    hange" name="IMultiPointCoreEventSink_OnBootToConsoleModeChange_InputMessage"
    message="tns:IMultiPointCoreEventSink_OnBootToConsoleModeChange_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnBootToConsoleModeC
    hangeResponse" name="IMultiPointCoreEventSink_OnBootToConsoleModeChange_OutputMessage"
    message="tns:IMultiPointCoreEventSink_OnBootToConsoleModeChange_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointCoreEventSink_OnBootToConsoleModeChange_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.3.4.4.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointCoreEventSink_OnBootToConsoleModeChange_InputMessage	This message is sent when the server's boot-to-console mode configuration changes.
IMultiPointCoreEventSink_OnBootToConsoleModeChange_OutputMessage	Response message.
IMultiPointCoreEventSink_OnBootToConsoleModeChange_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

##### 3.3.4.4.1.1 IMultiPointCoreEventSink\_OnBootToConsoleModeChange\_InputMessage Message

A **WSDL message** containing the request for the **OnBootToConsoleModeChange WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnBootToConsoleModeChange
<wsdl:message name="IMultiPointCoreEventSink_OnBootToConsoleModeChange_InputMessage">
  <wsdl:part name="OnBootToConsoleModeChange" element="tns:OnBootToConsoleModeChange"/>
</wsdl:message>
```

##### 3.3.4.4.1.2 IMultiPointCoreEventSink\_OnBootToConsoleModeChange\_OutputMessage Message

A **WSDL message** containing the response for the **OnBootToConsoleModeChange WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnBootToConsoleModeChangeResponse
<wsdl:message name="IMultiPointCoreEventSink_OnBootToConsoleModeChange_OutputMessage">
  <wsdl:part name="OnBootToConsoleModeChangeResponse"
element="tns:OnBootToConsoleModeChangeResponse"/>
</wsdl:message>

```

### 3.3.4.4.1.3 IMultiPointCoreEventSink\_OnBootToConsoleModeChange\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **OnBootToConsoleModeChange WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message
name="IMultiPointCoreEventSink_OnBootToConsoleModeChange_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>

```

### 3.3.4.4.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<OnBootToConsoleModeChange>	Input parameters element
<OnBootToConsoleModeChangeResponse>	Output data element

#### 3.3.4.4.2.1 OnBootToConsoleModeChange

```

<xsd:element name="OnBootToConsoleModeChange">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="fBootToConsoleModeEnabled"
type="xsd:boolean"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>

```

**fBootToConsoleModeEnabled:** Contains "true" if boot-to-console mode is enabled.

#### 3.3.4.4.2.2 OnBootToConsoleModeChangeResponse

```

<xsd:element name="OnBootToConsoleModeChangeResponse">
  <xsd:complexType/>
</xsd:element>

```

#### 3.3.4.4.3 Complex Types

None.

### 3.3.4.5 OnConfigureStation Operation

The **OnConfigureStation** operation event occurs when a station's configuration changes. This operation **MUST** be authenticated by using Notification Sink Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="OnConfigureStation">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnConfigureStation"
    name="IMultiPointCoreEventSink_OnConfigureStation_InputMessage"
    message="tns:IMultiPointCoreEventSink_OnConfigureStation_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnConfigureStationRe
    sponse" name="IMultiPointCoreEventSink_OnConfigureStation_OutputMessage"
    message="tns:IMultiPointCoreEventSink_OnConfigureStation_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointCoreEventSink_OnConfigureStation_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.3.4.5.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointCoreEventSink_OnConfigureStation_InputMessage	This message is sent when a station's configuration changes.
IMultiPointCoreEventSink_OnConfigureStation_OutputMessage	Response message.
IMultiPointCoreEventSink_OnConfigureStation_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

##### 3.3.4.5.1.1 IMultiPointCoreEventSink\_OnConfigureStation\_InputMessage Message

A **WSDL message** containing the request for the **OnConfigureStation WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnConfigureStation
<wsdl:message name="IMultiPointCoreEventSink_OnConfigureStation_InputMessage">
  <wsdl:part name="OnConfigureStation" element="tns:OnConfigureStation"/>
</wsdl:message>
```

##### 3.3.4.5.1.2 IMultiPointCoreEventSink\_OnConfigureStation\_OutputMessage Message

A **WSDL message** containing the response for the **OnConfigureStation WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnConfigureStationResponse
<wsdl:message name="IMultiPointCoreEventSink_OnConfigureStation_OutputMessage">
  <wsdl:part name="OnConfigureStationResponse" element="tns:OnConfigureStationResponse"/>
</wsdl:message>
```

### 3.3.4.5.1.3 IMultiPointCoreEventSink\_OnConfigureStation\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **OnConfigureStation WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointCoreEventSink_OnConfigureStation_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.3.4.5.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<OnConfigureStation>	Input parameters element
<OnConfigureStationResponse>	Output data element

#### 3.3.4.5.2.1 OnConfigureStation

```
<xsd:element name="OnConfigureStation">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="idStation" type="xsd:unsignedInt"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**idStation:** Contains the ID of the **MultiPoint Station**. This is an unsigned integer with a range of 1 - n, where n is the number of stations currently available on the server.

#### 3.3.4.5.2.2 OnConfigureStationResponse

```
<xsd:element name="OnConfigureStationResponse">
  <xsd:complexType/>
</xsd:element>
```

### 3.3.4.5.3 Complex Types

None.

### 3.3.4.6 OnDesktopMonitoringChange Operation

The **OnDesktopMonitoringChange** operation event occurs when the desktop monitoring state changes. This operation **MUST** be authenticated by using Notification Sink Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="OnDesktopMonitoringChange">
```



```

    <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnDesktopMonitoringC
hange" name="IMultiPointCoreEventSink_OnDesktopMonitoringChange_InputMessage"
message="tns:IMultiPointCoreEventSink_OnDesktopMonitoringChange_InputMessage"/>
    <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnDesktopMonitoringC
hangeResponse" name="IMultiPointCoreEventSink_OnDesktopMonitoringChange_OutputMessage"
message="tns:IMultiPointCoreEventSink_OnDesktopMonitoringChange_OutputMessage"/>
    <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointCoreEventSink_OnDesktopMonitoringChange_WmsFaultType_FaultMessage"/>
</wsdl:operation>

```

### 3.3.4.6.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointCoreEventSink_OnDesktopMonitoringChange_InputMessage	This message is sent if the desktop monitoring state is changed.
IMultiPointCoreEventSink_OnDesktopMonitoringChange_OutputMessage	Response message.
IMultiPointCoreEventSink_OnDesktopMonitoringChange_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.3.4.6.1.1 IMultiPointCoreEventSink\_OnDesktopMonitoringChange\_InputMessage Message

A **WSDL message** containing the request for the **OnDesktopMonitoringChange WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnDesktopMonitoringChange
<wsdl:message name="IMultiPointCoreEventSink_OnDesktopMonitoringChange_InputMessage">
  <wsdl:part name="OnDesktopMonitoringChange" element="tns:OnDesktopMonitoringChange"/>
</wsdl:message>

```

#### 3.3.4.6.1.2 IMultiPointCoreEventSink\_OnDesktopMonitoringChange\_OutputMessage Message

A **WSDL message** containing the response for the **OnDesktopMonitoringChange WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnDesktopMonitoringChangeResponse
<wsdl:message name="IMultiPointCoreEventSink_OnDesktopMonitoringChange_OutputMessage">
  <wsdl:part name="OnDesktopMonitoringChangeResponse"
element="tns:OnDesktopMonitoringChangeResponse"/>
</wsdl:message>

```

### 3.3.4.6.1.3 IMultiPointCoreEventSink\_OnDesktopMonitoringChange\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **OnDesktopMonitoringChange WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message
  name="IMultiPointCoreEventSink_OnDesktopMonitoringChange_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.3.4.6.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<OnDesktopMonitoringChange>	Input parameters element
<OnDesktopMonitoringChangeResponse>	Output data element

#### 3.3.4.6.2.1 OnDesktopMonitoringChange

```
<xsd:element name="OnDesktopMonitoringChange">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="fDesktopMonitoringEnabled"
        type="xsd:boolean"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**fDesktopMonitoringEnabled:** Contains "true" if enabled.

#### 3.3.4.6.2.2 OnDesktopMonitoringChangeResponse

```
<xsd:element name="OnDesktopMonitoringChangeResponse">
  <xsd:complexType/>
</xsd:element>
```

### 3.3.4.6.3 Complex Types

None.

### 3.3.4.7 OnDeviceAdded Operation

The **OnDeviceAdded** operation event occurs when a device is added to a station. This operation **MUST** be authenticated by using Notification Sink Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="OnDeviceAdded">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnDeviceAdded"
```

```

name="IMultiPointCoreEventSink_OnDeviceAdded_InputMessage"
message="tns:IMultiPointCoreEventSink_OnDeviceAdded_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnDeviceAddedResponse" name="IMultiPointCoreEventSink_OnDeviceAdded_OutputMessage"
message="tns:IMultiPointCoreEventSink_OnDeviceAdded_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointCoreEventSink_OnDeviceAdded_WmsFaultType_FaultMessage"/>
</wsdl:operation>

```

### 3.3.4.7.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointCoreEventSink_OnDeviceAdded_InputMessage	This message is sent when a device is added to a station.
IMultiPointCoreEventSink_OnDeviceAdded_OutputMessage	Response message.
IMultiPointCoreEventSink_OnDeviceAdded_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.3.4.7.1.1 IMultiPointCoreEventSink\_OnDeviceAdded\_InputMessage Message

A **WSDL message** containing the request for the **OnDeviceAdded WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnDeviceAdded
<wsdl:message name="IMultiPointCoreEventSink_OnDeviceAdded_InputMessage">
  <wsdl:part name="OnDeviceAdded" element="tns:OnDeviceAdded"/>
</wsdl:message>

```

#### 3.3.4.7.1.2 IMultiPointCoreEventSink\_OnDeviceAdded\_OutputMessage Message

A **WSDL message** containing the response for the **OnDeviceAdded WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnDeviceAddedResponse
<wsdl:message name="IMultiPointCoreEventSink_OnDeviceAdded_OutputMessage">
  <wsdl:part name="OnDeviceAddedResponse" element="tns:OnDeviceAddedResponse"/>
</wsdl:message>

```

#### 3.3.4.7.1.3 IMultiPointCoreEventSink\_OnDeviceAdded\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **OnDeviceAdded WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointCoreEventSink_OnDeviceAdded_WmsFaultType_FaultMessage">

```

```
<wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.3.4.7.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<OnDeviceAdded>	Input parameters element
<OnDeviceAddedResponse>	Output data element

#### 3.3.4.7.2.1 OnDeviceAdded

```
<xsd:element name="OnDeviceAdded">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="idStation" type="xsd:unsignedInt"/>
      <xsd:element minOccurs="1" maxOccurs="1" name="eType" type="xsd:unsignedInt"/>
      <xsd:element minOccurs="1" maxOccurs="1" name="cDevices" type="xsd:unsignedInt"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**idStation:** Contains the ID of the **MultiPoint Station**. This is an unsigned integer with a range of 1 - n, where n is the number of stations currently available on the server.

**eType:** Contains the type of device the request is for with the following possible values.

Value	Meaning
0	Unknown
1	Keyboard
2	Mouse
3	audio
4	consumer control
5	volume
6	image
7	hid
8	usb hub
9	usb root hub
10	usb composite hub
11	monitor
12	disk drive

Value	Meaning
13	host controller
14	mass storage device
15	usb device
16	unfiltered keyboard
17	unfiltered mouse
18	unfiltered volume
19	unfiltered image
20	redirected usb
21	virtual gpu
22	touch screen

**cDevices:** Contains the number of devices.

### 3.3.4.7.2 OnDeviceAddedResponse

```
<xsd:element name="OnDeviceAddedResponse">
  <xsd:complexType/>
</xsd:element>
```

### 3.3.4.7.3 Complex Types

None.

### 3.3.4.8 OnDeviceRemoved Operation

The **OnDeviceRemoved** operation event occurs when a device is removed from a station. This operation **MUST** be authenticated by using Notification Sink Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="OnDeviceRemoved">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnDeviceRemoved"
name="IMultiPointCoreEventSink_OnDeviceRemoved_InputMessage"
message="tns:IMultiPointCoreEventSink_OnDeviceRemoved_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnDeviceRemovedRespo
nse" name="IMultiPointCoreEventSink_OnDeviceRemoved_OutputMessage"
message="tns:IMultiPointCoreEventSink_OnDeviceRemoved_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointCoreEventSink_OnDeviceRemoved_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.3.4.8.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointCoreEventSink_OnDeviceRemoved_InputMessage	This message is sent when a device is removed from a station.
IMultiPointCoreEventSink_OnDeviceRemoved_OutputMessage	Response message.
IMultiPointCoreEventSink_OnDeviceRemoved_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

### 3.3.4.8.1.1 IMultiPointCoreEventSink\_OnDeviceRemoved\_InputMessage Message

A **WSDL message** containing the request for the **OnDeviceRemoved WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnDeviceRemoved
<wsdl:message name="IMultiPointCoreEventSink_OnDeviceRemoved_InputMessage">
  <wsdl:part name="OnDeviceRemoved" element="tns:OnDeviceRemoved"/>
</wsdl:message>
```

### 3.3.4.8.1.2 IMultiPointCoreEventSink\_OnDeviceRemoved\_OutputMessage Message

A **WSDL message** containing the response for the **OnDeviceRemoved WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnDeviceRemovedResponse
<wsdl:message name="IMultiPointCoreEventSink_OnDeviceRemoved_OutputMessage">
  <wsdl:part name="OnDeviceRemovedResponse" element="tns:OnDeviceRemovedResponse"/>
</wsdl:message>
```

### 3.3.4.8.1.3 IMultiPointCoreEventSink\_OnDeviceRemoved\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **OnDeviceRemoved WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointCoreEventSink_OnDeviceRemoved_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.3.4.8.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<OnDeviceRemoved>	Input parameters element
<OnDeviceRemovedResponse>	Output data element

### 3.3.4.8.2.1 OnDeviceRemoved

```
<xsd:element name="OnDeviceRemoved">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="idStation" type="xsd:unsignedInt"/>
      <xsd:element minOccurs="1" maxOccurs="1" name="eType" type="xsd:unsignedInt"/>
      <xsd:element minOccurs="1" maxOccurs="1" name="cDevices" type="xsd:unsignedInt"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**idStation:** Contains the ID of the **MultiPoint Station**. This is an unsigned integer with a range of 1 - n, where n is the number of stations currently available on the server.

**eType:** Contains the type of device the request is for, with the following possible values.

Value	Meaning
0	Unknown
1	Keyboard
2	Mouse
3	audio
4	consumer control
5	volume
6	image
7	hid
8	usb hub
9	usb root hub
10	usb composite hub
11	monitor
12	disk drive
13	host controller
14	mass storage device
15	usb device
16	unfiltered keyboard
17	unfiltered mouse
18	unfiltered volume
19	unfiltered image
20	redirected usb

Value	Meaning
21	virtual gpu
22	touch screen

**cDevices:** Number of devices.

### 3.3.4.8.2 OnDeviceRemovedResponse

```
<xsd:element name="OnDeviceRemovedResponse">
  <xsd:complexType/>
</xsd:element>
```

### 3.3.4.8.3 Complex Types

None.

### 3.3.4.9 OnEndIdentifySession Operation

The **OnEndIdentifySession** operation event occurs when a session exits identify mode. This operation **MUST** be authenticated by using Notification Sink Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="OnEndIdentifySession">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnEndIdentifySession
" name="IMultiPointCoreEventSink_OnEndIdentifySession_InputMessage"
message="tns:IMultiPointCoreEventSink_OnEndIdentifySession_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnEndIdentifySession
Response" name="IMultiPointCoreEventSink_OnEndIdentifySession_OutputMessage"
message="tns:IMultiPointCoreEventSink_OnEndIdentifySession_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointCoreEventSink_OnEndIdentifySession_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.3.4.9.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointCoreEventSink_OnEndIdentifySession_InputMessage	This message is sent when a session exits identify mode.
IMultiPointCoreEventSink_OnEndIdentifySession_OutputMessage	Response message.
IMultiPointCoreEventSink_OnEndIdentifySession_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.3.4.9.1.1 IMultiPointCoreEventSink\_OnEndIdentifySession\_InputMessage Message

A **WSDL message** containing the request for the **OnEndIdentifySession WSDL operation**.



The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnEndIdentifySession
<wsdl:message name="IMultiPointCoreEventSink_OnEndIdentifySession_InputMessage">
  <wsdl:part name="OnEndIdentifySession" element="tns:OnEndIdentifySession"/>
</wsdl:message>
```

### 3.3.4.9.1.2 IMultiPointCoreEventSink\_OnEndIdentifySession\_OutputMessage Message

A **WSDL message** containing the response for the **OnEndIdentifySession WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnEndIdentifySessionResponse
<wsdl:message name="IMultiPointCoreEventSink_OnEndIdentifySession_OutputMessage">
  <wsdl:part name="OnEndIdentifySessionResponse" element="tns:OnEndIdentifySessionResponse"/>
</wsdl:message>
```

### 3.3.4.9.1.3 IMultiPointCoreEventSink\_OnEndIdentifySession\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **OnEndIdentifySession WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointCoreEventSink_OnEndIdentifySession_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

## 3.3.4.9.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<OnEndIdentifySession>	Input parameters element
<OnEndIdentifySessionResponse>	Output data element

### 3.3.4.9.2.1 OnEndIdentifySession

```
<xsd:element name="OnEndIdentifySession">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="idSession" type="xsd:unsignedInt"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**idSession:** Contains the ID of the remote desktop session being associated with the station.

### 3.3.4.9.2.2 OnEndIdentifySessionResponse

```
<xsd:element name="OnEndIdentifySessionResponse">
  <xsd:complexType/>
</xsd:element>
```

### 3.3.4.9.3 Complex Types

None.

### 3.3.4.10 OnEndIdentifyStation Operation

The **OnEndIdentifyStation** operation event occurs when a station exits identify mode. This operation MUST be authenticated by using Notification Sink Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="OnEndIdentifyStation">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnEndIdentifyStation
" name="IMultiPointCoreEventSink_OnEndIdentifyStation_InputMessage"
message="tns:IMultiPointCoreEventSink_OnEndIdentifyStation_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnEndIdentifyStation
Response" name="IMultiPointCoreEventSink_OnEndIdentifyStation_OutputMessage"
message="tns:IMultiPointCoreEventSink_OnEndIdentifyStation_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointCoreEventSink_OnEndIdentifyStation_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.3.4.10.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointCoreEventSink_OnEndIdentifyStation_InputMessage	This message is sent when a station exits identify mode.
IMultiPointCoreEventSink_OnEndIdentifyStation_OutputMessage	Response message.
IMultiPointCoreEventSink_OnEndIdentifyStation_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.3.4.10.1.1 IMultiPointCoreEventSink\_OnEndIdentifyStation\_InputMessage Message

A **WSDL message** containing the request for the **OnEndIdentifyStation WSDL** operation.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnEndIdentifyStation
<wsdl:message name="IMultiPointCoreEventSink_OnEndIdentifyStation_InputMessage">
  <wsdl:part name="OnEndIdentifyStation" element="tns:OnEndIdentifyStation"/>
</wsdl:message>
```

#### 3.3.4.10.1.2 IMultiPointCoreEventSink\_OnEndIdentifyStation\_OutputMessage Message

A **WSDL message** containing the response for the **OnEndIdentifyStation WSDL** operation.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnEndIdentifyStationResponse
<wsdl:message name="IMultiPointCoreEventSink_OnEndIdentifyStation_OutputMessage">
  <wsdl:part name="OnEndIdentifyStationResponse" element="tns:OnEndIdentifyStationResponse"/>
</wsdl:message>
```

### 3.3.4.10.1.3 IMultiPointCoreEventSink\_OnEndIdentifyStation\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **OnEndIdentifyStation WSDL** operation.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointCoreEventSink_OnEndIdentifyStation_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.3.4.10.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<OnEndIdentifyStation>	Input parameters element
<OnEndIdentifyStationResponse>	Output data element

#### 3.3.4.10.2.1 OnEndIdentifyStation

```
<xsd:element name="OnEndIdentifyStation">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="idStation" type="xsd:unsignedInt"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**idStation:** Contains the ID of the **MultiPoint Station**. This is an unsigned integer with a range of 1 - n, where n is the number of stations currently available on the server.

#### 3.3.4.10.2.2 OnEndIdentifyStationResponse

```
<xsd:element name="OnEndIdentifyStationResponse">
  <xsd:complexType/>
</xsd:element>
```

### 3.3.4.10.3 Complex Types

None.

### 3.3.4.11 OnEnterSplitScreen Operation

The **OnEnterSplitScreen** operation event occurs when a station's display is split. This operation **MUST** be authenticated by using Notification Sink Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="OnEnterSplitScreen">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnEnterSplitScreen"
    name="IMultiPointCoreEventSink_OnEnterSplitScreen_InputMessage"
    message="tns:IMultiPointCoreEventSink_OnEnterSplitScreen_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnEnterSplitScreenRe
    sponse" name="IMultiPointCoreEventSink_OnEnterSplitScreen_OutputMessage"
    message="tns:IMultiPointCoreEventSink_OnEnterSplitScreen_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointCoreEventSink_OnEnterSplitScreen_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.3.4.11.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointCoreEventSink_OnEnterSplitScreen_InputMessage	This message is sent when a station's display is split.
IMultiPointCoreEventSink_OnEnterSplitScreen_OutputMessage	Response message.
IMultiPointCoreEventSink_OnEnterSplitScreen_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

##### 3.3.4.11.1.1 IMultiPointCoreEventSink\_OnEnterSplitScreen\_InputMessage Message

A **WSDL message** containing the request for the **OnEnterSplitScreen WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnEnterSplitScreen
<wsdl:message name="IMultiPointCoreEventSink_OnEnterSplitScreen_InputMessage">
  <wsdl:part name="OnEnterSplitScreen" element="tns:OnEnterSplitScreen"/>
</wsdl:message>
```

##### 3.3.4.11.1.2 IMultiPointCoreEventSink\_OnEnterSplitScreen\_OutputMessage Message

A **WSDL message** containing the response for the **OnEnterSplitScreen WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnEnterSplitScreenResponse
<wsdl:message name="IMultiPointCoreEventSink_OnEnterSplitScreen_OutputMessage">
  <wsdl:part name="OnEnterSplitScreenResponse" element="tns:OnEnterSplitScreenResponse"/>
</wsdl:message>
```

### 3.3.4.11.1.3 IMultiPointCoreEventSink\_OnEnterSplitScreen\_WmsFaultType\_FaultMessage

A **WSDL** message containing a fault for the **OnEnterSplitScreen** **WSDL** operation.

The **SOAP** action value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointCoreEventSink_OnEnterSplitScreen_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.3.4.11.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<OnEnterSplitScreen>	Input parameters element
<OnEnterSplitScreenResponse>	Output data element

#### 3.3.4.11.2.1 OnEnterSplitScreen

```
<xsd:element name="OnEnterSplitScreen">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="idStation" type="xsd:unsignedInt"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**idStation:** Contains the ID of the **MultiPoint Station**. This is an unsigned integer with a range of 1 - n, where n is the number of stations currently available on the server.

#### 3.3.4.11.2.2 OnEnterSplitScreenResponse

```
<xsd:element name="OnEnterSplitScreenResponse">
  <xsd:complexType/>
</xsd:element>
```

### 3.3.4.11.3 Complex Types

None.

### 3.3.4.12 OnExitSplitScreen Operation

The **OnExitSplitScreen** operation event occurs when a split screen is terminated. This operation **MUST** be authenticated by using Notification Sink Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="OnExitSplitScreen">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnExitSplitScreen"
```

```

name="IMultiPointCoreEventSink_OnExitSplitScreen_InputMessage"
message="tns:IMultiPointCoreEventSink_OnExitSplitScreen_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnExitSplitScreenRes
ponse" name="IMultiPointCoreEventSink_OnExitSplitScreen_OutputMessage"
message="tns:IMultiPointCoreEventSink_OnExitSplitScreen_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointCoreEventSink_OnExitSplitScreen_WmsFaultType_FaultMessage"/>
</wsdl:operation>

```

### 3.3.4.12.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointCoreEventSink_OnExitSplitScreen_InputMessage	This message is sent when a split screen is terminated.
IMultiPointCoreEventSink_OnExitSplitScreen_OutputMessage	Response message.
IMultiPointCoreEventSink_OnExitSplitScreen_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.3.4.12.1.1 IMultiPointCoreEventSink\_OnExitSplitScreen\_InputMessage Message

A **WSDL message** containing the request for the **OnExitSplitScreen WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnExitSplitScreen
<wsdl:message name="IMultiPointCoreEventSink_OnExitSplitScreen_InputMessage">
  <wsdl:part name="OnExitSplitScreen" element="tns:OnExitSplitScreen"/>
</wsdl:message>

```

#### 3.3.4.12.1.2 IMultiPointCoreEventSink\_OnExitSplitScreen\_OutputMessage Message

A **WSDL message** containing the response for the **OnExitSplitScreen WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnExitSplitScreenResponse
<wsdl:message name="IMultiPointCoreEventSink_OnExitSplitScreen_OutputMessage">
  <wsdl:part name="OnExitSplitScreenResponse" element="tns:OnExitSplitScreenResponse"/>
</wsdl:message>

```

#### 3.3.4.12.1.3 IMultiPointCoreEventSink\_OnExitSplitScreen\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **OnExitSplitScreen WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/WmsFault

```

```

<wsdl:message name="IMultiPointCoreEventSink_OnExitSplitScreen_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>

```

### 3.3.4.12.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<OnExitSplitScreen>	Input parameters element
<OnExitSplitScreenResponse>	Output data element

#### 3.3.4.12.2.1 OnExitSplitScreen

```

<xsd:element name="OnExitSplitScreen">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="idStation" type="xsd:unsignedInt"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>

```

**idStation:** Contains the ID of the **MultiPoint Station**. This is an unsigned integer with a range of 1-n, where n is the number of stations currently available on the server.

#### 3.3.4.12.2.2 OnExitSplitScreenResponse

```

<xsd:element name="OnExitSplitScreenResponse">
  <xsd:complexType/>
</xsd:element>

```

### 3.3.4.12.3 Complex Types

None.

### 3.3.4.13 OnManagedServerOffline Operation

The **OnManagedServerOffline** operation event is received when a machine managed by the client goes offline. This operation **MUST** be authenticated by using Notification Sink Management Credentials (section [3.4.1](#)).

```

<wsdl:operation name="OnManagedServerOffline">
  <wsdl:input>
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnManagedServerOffline" name="IMultiPointCoreEventSink_OnManagedServerOffline_InputMessage"
    message="tns:IMultiPointCoreEventSink_OnManagedServerOffline_InputMessage"/>
  <wsdl:output>
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnManagedServerOfflineResponse" name="IMultiPointCoreEventSink_OnManagedServerOffline_OutputMessage"
    message="tns:IMultiPointCoreEventSink_OnManagedServerOffline_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointCoreEventSink_OnManagedServerOffline_WmsFaultType_FaultMessage"/>

```

</wsdl:operation>

### 3.3.4.13.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointCoreEventSink_OnManagedServerOffline_InputMessage	This message is sent when a machine managed by the client goes offline.
IMultiPointCoreEventSink_OnManagedServerOffline_OutputMessage	Response message.
IMultiPointCoreEventSink_OnManagedServerOffline_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.3.4.13.1.1 IMultiPointCoreEventSink\_OnManagedServerOffline\_InputMessage Message

A **WSDL message** containing the request for the **OnManagedServerOffline WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnManagedServerOffline
<wsdl:message name="IMultiPointCoreEventSink OnManagedServerOffline InputMessage">
  <wsdl:part name="OnManagedServerOffline" element="tns:OnManagedServerOffline"/>
</wsdl:message>
```

#### 3.3.4.13.1.2 IMultiPointCoreEventSink\_OnManagedServerOffline\_OutputMessage Message

A **WSDL message** containing the response for the **OnManagedServerOffline WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnManagedServerOfflineResponse
<wsdl:message name="IMultiPointCoreEventSink_OnManagedServerOffline_OutputMessage">
  <wsdl:part name="OnManagedServerOfflineResponse"
  element="tns:OnManagedServerOfflineResponse"/>
</wsdl:message>
```

#### 3.3.4.13.1.3 IMultiPointCoreEventSink\_OnManagedServerOffline\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **OnManagedServerOffline WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message
name="IMultiPointCoreEventSink OnManagedServerOffline WmsFaultType FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```



### 3.3.4.13.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<OnManagedServerOffline>	Input parameters element
<OnManagedServerOfflineResponse>	Output data element

#### 3.3.4.13.2.1 OnManagedServerOffline

```
<xsd:element name="OnManagedServerOffline">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="wsServerName" nillable="true"
type="xsd:string"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**wsServerName:** Contains the host name of the server.

#### 3.3.4.13.2.2 OnManagedServerOfflineResponse

```
<xsd:element name="OnManagedServerOfflineResponse">
  <xsd:complexType/>
</xsd:element>
```

### 3.3.4.13.3 Complex Types

None

### 3.3.4.14 OnManagedServerOnline Operation

The **OnManagedServerOnline** operation event is received when a machine managed by the client comes online. This operation **MUST** be authenticated by using Notification Sink Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="OnManagedServerOnline">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnManagedServerOnline"
name="IMultiPointCoreEventSink_OnManagedServerOnline_InputMessage"
message="tns:IMultiPointCoreEventSink_OnManagedServerOnline_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnManagedServerOnlineResponse"
name="IMultiPointCoreEventSink_OnManagedServerOnline_OutputMessage"
message="tns:IMultiPointCoreEventSink_OnManagedServerOnline_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointCoreEventSink_OnManagedServerOnline_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.3.4.14.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointCoreEventSink_OnManagedServerOnline_InputMessage	This message is sent when a machine managed by the client comes online.
IMultiPointCoreEventSink_OnManagedServerOnline_OutputMessage	Response message.
IMultiPointCoreEventSink_OnManagedServerOnline_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.3.4.14.1.1 IMultiPointCoreEventSink\_OnManagedServerOnline\_InputMessage Message

A **WSDL message** containing the request for the **OnManagedServerOnline WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnManagedServerOnline
<wsdl:message name="IMultiPointCoreEventSink_OnManagedServerOnline_InputMessage">
  <wsdl:part name="OnManagedServerOnline" element="tns:OnManagedServerOnline"/>
</wsdl:message>
```

#### 3.3.4.14.1.2 IMultiPointCoreEventSink\_OnManagedServerOnline\_OutputMessage Message

A **WSDL message** containing the response for the **OnManagedServerOnline WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnManagedServerOnlineResponse
<wsdl:message name="IMultiPointCoreEventSink_OnManagedServerOnline_OutputMessage">
  <wsdl:part name="OnManagedServerOnlineResponse"
  element="tns:OnManagedServerOnlineResponse"/>
</wsdl:message>
```

#### 3.3.4.14.1.3 IMultiPointCoreEventSink\_OnManagedServerOnline\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **OnManagedServerOnline WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message
  name="IMultiPointCoreEventSink_OnManagedServerOnline_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

#### 3.3.4.14.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<OnManagedServerOnline>	Input parameters element
<OnManagedServerOnlineResponse>	Output data element

### 3.3.4.14.2.1 OnManagedServerOnline

```
<xsd:element name="OnManagedServerOnline">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="wsServerName" nillable="true"
type="xsd:string"/>
      <xsd:element minOccurs="1" maxOccurs="1" name="wsIpAddresses" nillable="true"
type="xsd:string"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**wsServerName:** Contains the host name of the server.

**wsIpAddresses:** Contains the IP address of the server.

### 3.3.4.14.2.2 OnManagedServerOnlineResponse

```
<xsd:element name="OnManagedServerOnlineResponse">
  <xsd:complexType/>
</xsd:element>
```

### 3.3.4.14.3 Complex Types

None.

### 3.3.4.15 OnPeerServerAdded Operation

The **OnPeerServerAdded** operation event occurs when a new server machine is added to manage. This operation MUST be authenticated by using Notification Sink Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="OnPeerServerAdded">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnPeerServerAdded"
name="IMultiPointCoreEventSink_OnPeerServerAdded_InputMessage"
message="tns:IMultiPointCoreEventSink_OnPeerServerAdded_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnPeerServerAddedRes
ponse" name="IMultiPointCoreEventSink_OnPeerServerAdded_OutputMessage"
message="tns:IMultiPointCoreEventSink_OnPeerServerAdded_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointCoreEventSink_OnPeerServerAdded_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.3.4.15.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointCoreEventSink_OnPeerServerAdded_InputMessage	This message is received by the client when a new server machine is added.
IMultiPointCoreEventSink_OnPeerServerAdded_OutputMessage	Response message.
IMultiPointCoreEventSink_OnPeerServerAdded_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

### 3.3.4.15.1.1 IMultiPointCoreEventSink\_OnPeerServerAdded\_InputMessage Message

A **WSDL message** containing the request for the **OnPeerServerAdded WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnPeerServerAdded
<wsdl:message name="IMultiPointCoreEventSink_OnPeerServerAdded_InputMessage">
  <wsdl:part name="OnPeerServerAdded" element="tns:OnPeerServerAdded"/>
</wsdl:message>
```

### 3.3.4.15.1.2 IMultiPointCoreEventSink\_OnPeerServerAdded\_OutputMessage Message

A **WSDL message** containing the response for the **OnPeerServerAdded WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnPeerServerAddedResponse
<wsdl:message name="IMultiPointCoreEventSink_OnPeerServerAdded_OutputMessage">
  <wsdl:part name="OnPeerServerAddedResponse" element="tns:OnPeerServerAddedResponse"/>
</wsdl:message>
```

### 3.3.4.15.1.3 IMultiPointCoreEventSink\_OnPeerServerAdded\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **OnPeerServerAdded WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointCoreEventSink_OnPeerServerAdded_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.3.4.15.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<OnPeerServerAdded>	Input parameters element

Element	Description
<OnPeerServerAddedResponse>	Output data element

### 3.3.4.15.2.1 OnPeerServerAdded

```
<xsd:element name="OnPeerServerAdded">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="wsServerName" nillable="true"
type="xsd:string"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**wsServerName:** Contains the host name of the server.

### 3.3.4.15.2.2 OnPeerServerAddedResponse

```
<xsd:element name="OnPeerServerAddedResponse">
  <xsd:complexType/>
</xsd:element>
```

### 3.3.4.15.3 Complex Types

None.

### 3.3.4.16 OnPeerServerDiscovered Operation

The **OnPeerServerDiscovered** operation event occurs when a server machine is discovered on the network. This operation **MUST** be authenticated by using Notification Sink Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="OnPeerServerDiscovered">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnPeerServerDiscover
ed" name="IMultiPointCoreEventSink_OnPeerServerDiscovered_InputMessage"
message="tns:IMultiPointCoreEventSink_OnPeerServerDiscovered_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnPeerServerDiscover
edResponse" name="IMultiPointCoreEventSink_OnPeerServerDiscovered_OutputMessage"
message="tns:IMultiPointCoreEventSink_OnPeerServerDiscovered_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointCoreEventSink_OnPeerServerDiscovered_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

### 3.3.4.16.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointCoreEventSink_OnPeerServerDiscovered_InputMessage	This message is sent when a server machine is discovered on the network.

Message	Description
IMultiPointCoreEventSink_OnPeerServerDiscovered_OutputMessage	Response message.
IMultiPointCoreEventSink_OnPeerServerDiscovered_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

### 3.3.4.16.1.1 IMultiPointCoreEventSink\_OnPeerServerDiscovered\_InputMessage Message

A **WSDL message** containing the request for the **OnPeerServerDiscovered WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnPeerServerDiscovered
<wsdl:message name="IMultiPointCoreEventSink_OnPeerServerDiscovered_InputMessage">
  <wsdl:part name="OnPeerServerDiscovered" element="tns:OnPeerServerDiscovered"/>
</wsdl:message>
```

### 3.3.4.16.1.2 IMultiPointCoreEventSink\_OnPeerServerDiscovered\_OutputMessage Message

A **WSDL message** containing the response for the **OnPeerServerDiscovered WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnPeerServerDiscoveredResponse
<wsdl:message name="IMultiPointCoreEventSink_OnPeerServerDiscovered_OutputMessage">
  <wsdl:part name="OnPeerServerDiscoveredResponse"
  element="tns:OnPeerServerDiscoveredResponse"/>
</wsdl:message>
```

### 3.3.4.16.1.3 IMultiPointCoreEventSink\_OnPeerServerDiscovered\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **OnPeerServerDiscovered WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message
name="IMultiPointCoreEventSink_OnPeerServerDiscovered_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

## 3.3.4.16.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<OnPeerServerDiscovered>	Input parameters element

Element	Description
<OnPeerServerDiscoveredResponse>	Output data element

### 3.3.4.16.2.1 OnPeerServerDiscovered

```
<xsd:element name="OnPeerServerDiscovered">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="wsServerName" nillable="true"
type="xsd:string"/>
      <xsd:element minOccurs="1" maxOccurs="1" name="wsIpAddress" nillable="true"
type="xsd:string"/>
      <xsd:element minOccurs="1" maxOccurs="1" name="eDiscoverType" type="xsd:unsignedInt"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**wsServerName:** Contains the host name of the server machine.

**wsIpAddress:** Contains the IP address of the machine.

**eDiscoverType:** Contains the following values for machine types:

Value	Meaning
0	MultiPoint Service Machine
1	MultiPoint Connector Machine

### 3.3.4.16.2.2 OnPeerServerDiscoveredResponse

```
<xsd:element name="OnPeerServerDiscoveredResponse">
  <xsd:complexType/>
</xsd:element>
```

### 3.3.4.16.3 Complex Types

None.

### 3.3.4.17 OnPeerServerRemoved Operation

The **OnPeerServerRemoved** operation event occurs when a peer server machine is removed. This operation MUST be authenticated by using Notification Sink Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="OnPeerServerRemoved">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnPeerServerRemoved"
name="IMultiPointCoreEventSink_OnPeerServerRemoved_InputMessage"
message="tns:IMultiPointCoreEventSink_OnPeerServerRemoved_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnPeerServerRemovedR
esponse" name="IMultiPointCoreEventSink_OnPeerServerRemoved_OutputMessage"
message="tns:IMultiPointCoreEventSink_OnPeerServerRemoved_OutputMessage"/>
```

```

    <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointCoreEventSink_OnPeerServerRemoved_WmsFaultType_FaultMessage"/>
  </wsdl:operation>

```

### 3.3.4.17.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointCoreEventSink_OnPeerServerRemoved_InputMessage	This message is sent when a peer server machine is removed.
IMultiPointCoreEventSink_OnPeerServerRemoved_OutputMessage	Response message.
IMultiPointCoreEventSink_OnPeerServerRemoved_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.3.4.17.1.1 IMultiPointCoreEventSink\_OnPeerServerRemoved\_InputMessage Message

A **WSDL message** containing the request for the **OnPeerServerRemoved WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnPeerServerRemoved
<wsdl:message name="IMultiPointCoreEventSink_OnPeerServerRemoved_InputMessage">
  <wsdl:part name="OnPeerServerRemoved" element="tns:OnPeerServerRemoved"/>
</wsdl:message>

```

#### 3.3.4.17.1.2 IMultiPointCoreEventSink\_OnPeerServerRemoved\_OutputMessage Message

A **WSDL message** containing the response for the **OnPeerServerRemoved WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnPeerServerRemovedResponse
<wsdl:message name="IMultiPointCoreEventSink_OnPeerServerRemoved_OutputMessage">
  <wsdl:part name="OnPeerServerRemovedResponse" element="tns:OnPeerServerRemovedResponse"/>
</wsdl:message>

```

#### 3.3.4.17.1.3 IMultiPointCoreEventSink\_OnPeerServerRemoved\_WmsFaultType\_Fault Message Message

A **WSDL message** containing a fault for the **OnPeerServerRemoved WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointCoreEventSink_OnPeerServerRemoved_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>

```



### 3.3.4.17.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<OnPeerServerRemoved>	Input parameters element
<OnPeerServerRemovedResponse>	Output data element

#### 3.3.4.17.2.1 OnPeerServerRemoved

```
<xsd:element name="OnPeerServerRemoved">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="wsServerName" nillable="true"
type="xsd:string"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**wsServerName:** Contains the host name of the server.

#### 3.3.4.17.2.2 OnPeerServerRemovedResponse

```
<xsd:element name="OnPeerServerRemovedResponse">
  <xsd:complexType/>
</xsd:element>
```

### 3.3.4.17.3 Complex Types

None.

### 3.3.4.18 OnProjectionStateChange Operation

The **OnProjectionStateChange** operation event occurs when a session's sharing state changes. This operation **MUST** be authenticated by using the WmsControl credentials of the client

```
<wsdl:operation name="OnProjectionStateChange">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnProjectionStateChange" name="IMultiPointCoreEventSink_OnProjectionStateChange_InputMessage"
message="tns:IMultiPointCoreEventSink_OnProjectionStateChange_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnProjectionStateChangeResponse" name="IMultiPointCoreEventSink_OnProjectionStateChange_OutputMessage"
message="tns:IMultiPointCoreEventSink_OnProjectionStateChange_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointCoreEventSink_OnProjectionStateChange_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.3.4.18.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointCoreEventSink_OnProjectionStateChange_InputMessage	This message is sent when the remote-desktop-session sharing state changes.
IMultiPointCoreEventSink_OnProjectionStateChange_OutputMessage	Response message.
IMultiPointCoreEventSink_OnProjectionStateChange_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

### 3.3.4.18.1.1 IMultiPointCoreEventSink\_OnProjectionStateChange\_InputMessage Message

A **WSDL message** containing the request for the **OnProjectionStateChange WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnProjectionStateChange
<wsdl:message name="IMultiPointCoreEventSink_OnProjectionStateChange_InputMessage">
  <wsdl:part name="OnProjectionStateChange" element="tns:OnProjectionStateChange"/>
</wsdl:message>
```

### 3.3.4.18.1.2 IMultiPointCoreEventSink\_OnProjectionStateChange\_OutputMessage Message

A **WSDL message** containing the response for the **OnProjectionStateChange WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnProjectionStateChangeResponse
<wsdl:message name="IMultiPointCoreEventSink_OnProjectionStateChange_OutputMessage">
  <wsdl:part name="OnProjectionStateChangeResponse"
  element="tns:OnProjectionStateChangeResponse"/>
</wsdl:message>
```

### 3.3.4.18.1.3 IMultiPointCoreEventSink\_OnProjectionStateChange\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **OnProjectionStateChange WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message
name="IMultiPointCoreEventSink_OnProjectionStateChange_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

## 3.3.4.18.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<OnProjectionStateChange>	Input parameters element
<OnProjectionStateChangeResponse>	Output data element

### 3.3.4.18.2.1 OnProjectionStateChange

```
<xsd:element name="OnProjectionStateChange">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="idSession" type="xsd:unsignedInt"/>
      <xsd:element minOccurs="1" maxOccurs="1" name="eState" type="xsd:unsignedInt"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**idSession:** Contains the ID of the remote desktop session being associated with the station.

**eState:** Contains the following possible values:

Value	Meaning
0	quiescent
1	projecting
2	controlled
3	viewing

### 3.3.4.18.2.2 OnProjectionStateChangeResponse

```
<xsd:element name="OnProjectionStateChangeResponse">
  <xsd:complexType/>
</xsd:element>
```

### 3.3.4.18.3 Complex Types

None.

### 3.3.4.19 OnScheduledUpdateSettingsChanged Operation

The **OnScheduledUpdateSettingsChanged** operation event occurs when the disk-protection update schedule changes. This operation MUST be authenticated by using the WmsControl credentials of the client.

```
<wsdl:operation name="OnScheduledUpdateSettingsChanged">
  <wsdl:input>
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnScheduledUpdateSettingsChanged" name="IMultiPointCoreEventSink_OnScheduledUpdateSettingsChanged_InputMessage" message="tns:IMultiPointCoreEventSink_OnScheduledUpdateSettingsChanged_InputMessage"/>
  <wsdl:output>
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnScheduledUpdateSettingsChangedResponse"
  </wsdl:output>
</wsdl:operation>
```

```

name="IMultiPointCoreEventSink_OnScheduledUpdateSettingsChanged_OutputMessage"
message="tns:IMultiPointCoreEventSink_OnScheduledUpdateSettingsChanged_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointCoreEventSink_OnScheduledUpdateSettingsChanged_WmsFaultType_FaultMess
age"/>
</wsdl:operation>

```

### 3.3.4.19.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointCoreEventSink_OnScheduledUpdateSettingsChanged_InputMessage	This message is sent when the disk-protection update schedule changes.
IMultiPointCoreEventSink_OnScheduledUpdateSettingsChanged_OutputMessage	Response message.
IMultiPointCoreEventSink_OnScheduledUpdateSettingsChanged_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.3.4.19.1.1 IMultiPointCoreEventSink\_OnScheduledUpdateSettingsChanged\_InputMessage Message

A **WSDL message** containing the request for the **OnScheduledUpdateSettingsChanged WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnScheduledUpdateSettingsChanged
<wsdl:message name="IMultiPointCoreEventSink_OnScheduledUpdateSettingsChanged_InputMessage">
  <wsdl:part name="OnScheduledUpdateSettingsChanged"
element="tns:OnScheduledUpdateSettingsChanged"/>
</wsdl:message>

```

#### 3.3.4.19.1.2 IMultiPointCoreEventSink\_OnScheduledUpdateSettingsChanged\_OutputMessage Message

A **WSDL message** containing the response for the **OnScheduledUpdateSettingsChanged WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnScheduledUpdateSettingsChangedR
esponse
<wsdl:message name="IMultiPointCoreEventSink_OnScheduledUpdateSettingsChanged_OutputMessage">
  <wsdl:part name="OnScheduledUpdateSettingsChangedResponse"
element="tns:OnScheduledUpdateSettingsChangedResponse"/>
</wsdl:message>

```

#### 3.3.4.19.1.3 IMultiPointCoreEventSink\_OnScheduledUpdateSettingsChanged\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **OnScheduledUpdateSettingsChanged WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message
name="IMultiPointCoreEventSink OnScheduledUpdateSettingsChanged WmsFaultType FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.3.4.19.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<OnScheduledUpdateSettingsChanged>	Input parameters element
<OnScheduledUpdateSettingsChangedResponse>	Output data element

#### 3.3.4.19.2.1 OnScheduledUpdateSettingsChanged

```
<xsd:element name="OnScheduledUpdateSettingsChanged">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="eMode" type="xsd:unsignedInt"/>
      <xsd:element minOccurs="1" maxOccurs="1" name="iScheduledUpdateStartHour"
type="xsd:unsignedInt"/>
      <xsd:element minOccurs="1" maxOccurs="1" name="wsCustomScriptFullPath" nillable="true"
type="xsd:string"/>
      <xsd:element minOccurs="1" maxOccurs="1" name="cMaxMinutesAllowedForCustomScript"
type="xsd:unsignedInt"/>
      <xsd:element minOccurs="1" maxOccurs="1" name="eReturnState" type="xsd:unsignedInt"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**eMode:** Contains the following possible values:

Value	Meaning
0	disabled
1	script only
2	script and windows updates

**iScheduledUpdateStartHour:** Contains the hour to start the update process; possible values can be 0-23.

**wsCustomScriptFullPath:** Contains the path name of the maintenance script to run.

**cMaxMinutesAllowedForCustomScript:** Contains the total number of minutes the script is allowed to run.

**eReturnState:** Contains the following possible values:

Value	Meaning
0	shutdown
1	last known state

### 3.3.4.19.2 OnScheduledUpdateSettingsChangedResponse

```
<xsd:element name="OnScheduledUpdateSettingsChangedResponse">
  <xsd:complexType/>
</xsd:element>
```

### 3.3.4.19.3 Complex Types

None.

### 3.3.4.20 OnServiceControlSessionChange Operation

The **OnServiceControlSessionChange** operation event occurs when a Windows session's state changes. This operation MUST be authenticated by using Notification Sink Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="OnServiceControlSessionChange">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnServiceControlSessionChange" name="IMultiPointCoreEventSink_OnServiceControlSessionChange_InputMessage"
    message="tns:IMultiPointCoreEventSink_OnServiceControlSessionChange_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnServiceControlSessionChangeResponse"
    name="IMultiPointCoreEventSink_OnServiceControlSessionChange_OutputMessage"
    message="tns:IMultiPointCoreEventSink_OnServiceControlSessionChange_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointCoreEventSink_OnServiceControlSessionChange_WmsFaultType_FaultMessage"
    />
</wsdl:operation>
```

### 3.3.4.20.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointCoreEventSink_OnServiceControlSessionChange_InputMessage	This message is sent when a remote desktop session state changes.
IMultiPointCoreEventSink_OnServiceControlSessionChange_OutputMessage	Response message.
IMultiPointCoreEventSink_OnServiceControlSessionChange_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

### 3.3.4.20.1.1 IMultiPointCoreEventSink\_OnServiceControlSessionChange\_InputMessage Message

A **WSDL message** containing the request for the **OnServiceControlSessionChange WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnServiceControlSessionChange
<wsdl:message name="IMultiPointCoreEventSink_OnServiceControlSessionChange_InputMessage">
  <wsdl:part name="OnServiceControlSessionChange"
  element="tns:OnServiceControlSessionChange"/>
</wsdl:message>
```

### 3.3.4.20.1.2 IMultiPointCoreEventSink\_OnServiceControlSessionChange\_OutputMessage Message

A **WSDL message** containing the response for the **OnServiceControlSessionChange WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnServiceControlSessionChangeResp
onse
<wsdl:message name="IMultiPointCoreEventSink_OnServiceControlSessionChange_OutputMessage">
  <wsdl:part name="OnServiceControlSessionChangeResponse"
  element="tns:OnServiceControlSessionChangeResponse"/>
</wsdl:message>
```

### 3.3.4.20.1.3 IMultiPointCoreEventSink\_OnServiceControlSessionChange\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **OnServiceControlSessionChange WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message
  name="IMultiPointCoreEventSink_OnServiceControlSessionChange_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

## 3.3.4.20.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<OnServiceControlSessionChange>	Input parameters element
<OnServiceControlSessionChangeResponse>	Output data element

### 3.3.4.20.2.1 OnServiceControlSessionChange

```

<xsd:element name="OnServiceControlSessionChange">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="dwEventType" type="xsd:unsignedInt"/>
      <xsd:element minOccurs="1" maxOccurs="1" name="idSession" type="xsd:unsignedInt"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>

```

**dwEventType:** Contains the type of change event with the following possible values:

Value	Meaning
1	WTS_CONSOLE_CONNECT
2	WTS_CONSOLE_DISCONNECT
3	WTS_REMOTE_CONNECT
4	WTS_REMOTE_DISCONNECT
5	WTS_SESSION_LOGON
6	WTS_SESSION_LOGOFF
7	WTS_SESSION_LOCK
8	WTS_SESSION_UNLOCK
9	WTS_SESSION_REMOTE_CONTROL
10	WTS_SESSION_CREATE
11	WTS_SESSION_TERMINATE

**idSession:** Contains the ID of the remote desktop session being associated with the station.

### 3.3.4.20.2 OnServiceControlSessionChangeResponse

```

<xsd:element name="OnServiceControlSessionChangeResponse">
  <xsd:complexType/>
</xsd:element>

```

### 3.3.4.20.3 Complex Types

None.

### 3.3.4.21 OnSessionAgentReady Operation

The **OnSessionAgentReady** operation event occurs when the session agent is ready. This operation MUST be authenticated by using Notification Sink Management Credentials (section [3.4.1](#)).

```

<wsdl:operation name="OnSessionAgentReady">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnSessionAgentReady"
name="IMultiPointCoreEventSink OnSessionAgentReady InputMessage"
message="tns:IMultiPointCoreEventSink OnSessionAgentReady InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnSessionAgentReadyR

```



```

response" name="IMultiPointCoreEventSink_OnSessionAgentReady_OutputMessage"
message="tns:IMultiPointCoreEventSink_OnSessionAgentReady_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointCoreEventSink_OnSessionAgentReady_WmsFaultType_FaultMessage"/>
</wsdl:operation>

```

### 3.3.4.21.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointCoreEventSink_OnSessionAgentReady_InputMessage	This message is sent when the session agent is ready.
IMultiPointCoreEventSink_OnSessionAgentReady_OutputMessage	Response message.
IMultiPointCoreEventSink_OnSessionAgentReady_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.3.4.21.1.1 IMultiPointCoreEventSink\_OnSessionAgentReady\_InputMessage Message

A **WSDL message** containing the request for the **OnSessionAgentReady WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnSessionAgentReady
<wsdl:message name="IMultiPointCoreEventSink_OnSessionAgentReady_InputMessage">
  <wsdl:part name="OnSessionAgentReady" element="tns:OnSessionAgentReady"/>
</wsdl:message>

```

#### 3.3.4.21.1.2 IMultiPointCoreEventSink\_OnSessionAgentReady\_OutputMessage Message

A **WSDL message** containing the response for the **OnSessionAgentReady WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnSessionAgentReadyResponse
<wsdl:message name="IMultiPointCoreEventSink_OnSessionAgentReady_OutputMessage">
  <wsdl:part name="OnSessionAgentReadyResponse" element="tns:OnSessionAgentReadyResponse"/>
</wsdl:message>

```

#### 3.3.4.21.1.3 IMultiPointCoreEventSink\_OnSessionAgentReady\_WmsFaultType\_Fault Message Message

A **WSDL message** containing a fault for the **OnSessionAgentReady WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointCoreEventSink_OnSessionAgentReady_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>

```

```
</wsdl:message>
```

### 3.3.4.21.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<OnSessionAgentReady>	Input parameters element
<OnSessionAgentReadyResponse>	Output data element

#### 3.3.4.21.2.1 OnSessionAgentReady

```
<xsd:element name="OnSessionAgentReady">  
  <xsd:complexType>  
    <xsd:sequence>  
      <xsd:element minOccurs="1" maxOccurs="1" name="idSession" type="xsd:unsignedInt"/>  
    </xsd:sequence>  
  </xsd:complexType>  
</xsd:element>
```

**idSession:** Contains the ID of the remote desktop session being associated with the station.

#### 3.3.4.21.2.2 OnSessionAgentReadyResponse

```
<xsd:element name="OnSessionAgentReadyResponse">  
  <xsd:complexType/>  
</xsd:element>
```

### 3.3.4.21.3 Complex Types

None.

### 3.3.4.22 OnSessionBlocked Operation

The **OnSessionBlocked** operation event occurs when a session is blocked. This operation MUST be authenticated by using Notification Sink Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="OnSessionBlocked">  
  <wsdl:input  
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnSessionBlocked"  
    name="IMultiPointCoreEventSink_OnSessionBlocked_InputMessage"  
    message="tns:IMultiPointCoreEventSink_OnSessionBlocked_InputMessage"/>  
  <wsdl:output  
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnSessionBlockedResp  
onse" name="IMultiPointCoreEventSink_OnSessionBlocked_OutputMessage"  
    message="tns:IMultiPointCoreEventSink_OnSessionBlocked_OutputMessage"/>  
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"  
    message="tns:IMultiPointCoreEventSink_OnSessionBlocked_WmsFaultType_FaultMessage"/>  
</wsdl:operation>
```

#### 3.3.4.22.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointCoreEventSink_OnSessionBlocked_InputMessage	This message is sent when a session is blocked.
IMultiPointCoreEventSink_OnSessionBlocked_OutputMessage	Response message.
IMultiPointCoreEventSink_OnSessionBlocked_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

### 3.3.4.22.1.1 IMultiPointCoreEventSink\_OnSessionBlocked\_InputMessage Message

A **WSDL message** containing the request for the **OnSessionBlocked WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnSessionBlocked
<wsdl:message name="IMultiPointCoreEventSink_OnSessionBlocked_InputMessage">
  <wsdl:part name="OnSessionBlocked" element="tns:OnSessionBlocked"/>
</wsdl:message>
```

### 3.3.4.22.1.2 IMultiPointCoreEventSink\_OnSessionBlocked\_OutputMessage Message

A **WSDL message** containing the response for the **OnSessionBlocked WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnSessionBlockedResponse
<wsdl:message name="IMultiPointCoreEventSink_OnSessionBlocked_OutputMessage">
  <wsdl:part name="OnSessionBlockedResponse" element="tns:OnSessionBlockedResponse"/>
</wsdl:message>
```

### 3.3.4.22.1.3 IMultiPointCoreEventSink\_OnSessionBlocked\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **OnSessionBlocked WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointCoreEventSink_OnSessionBlocked_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.3.4.22.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<OnSessionBlocked>	Input parameters element

Element	Description
<OnSessionBlockedResponse>	Output data element

### 3.3.4.22.2.1 OnSessionBlocked

```
<xsd:element name="OnSessionBlocked">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="idSession" type="xsd:unsignedInt"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**idSession:** Contains the ID of the remote desktop session being associated with the station.

### 3.3.4.22.2.2 OnSessionBlockedResponse

```
<xsd:element name="OnSessionBlockedResponse">
  <xsd:complexType/>
</xsd:element>
```

### 3.3.4.22.3 Complex Types

None.

### 3.3.4.23 OnSessionConnecting Operation

The **OnSessionConnecting** operation event occurs when a session is connecting. This operation MUST be authenticated by using Notification Sink Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="OnSessionConnecting">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnSessionConnecting"
name="IMultiPointCoreEventSink_OnSessionConnecting_InputMessage"
message="tns:IMultiPointCoreEventSink_OnSessionConnecting_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnSessionConnectingR
esponse" name="IMultiPointCoreEventSink_OnSessionConnecting_OutputMessage"
message="tns:IMultiPointCoreEventSink_OnSessionConnecting_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointCoreEventSink_OnSessionConnecting_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.3.4.23.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointCoreEventSink_OnSessionConnecting_InputMessage	This message is sent when a session is connecting.
IMultiPointCoreEventSink_OnSessionConnecting_OutputMessage	Response message.

Message	Description
IMultiPointCoreEventSink_OnSessionConnecting_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

### 3.3.4.23.1.1 IMultiPointCoreEventSink\_OnSessionConnecting\_InputMessage Message

A **WSDL message** containing the request for the **OnSessionConnecting WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnSessionConnecting
<wsdl:message name="IMultiPointCoreEventSink_OnSessionConnecting_InputMessage">
  <wsdl:part name="OnSessionConnecting" element="tns:OnSessionConnecting"/>
</wsdl:message>
```

### 3.3.4.23.1.2 IMultiPointCoreEventSink\_OnSessionConnecting\_OutputMessage Message

A **WSDL message** containing the response for the **OnSessionConnecting WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnSessionConnectingResponse
<wsdl:message name="IMultiPointCoreEventSink_OnSessionConnecting_OutputMessage">
  <wsdl:part name="OnSessionConnectingResponse" element="tns:OnSessionConnectingResponse"/>
</wsdl:message>
```

### 3.3.4.23.1.3 IMultiPointCoreEventSink\_OnSessionConnecting\_WmsFaultType\_FaultMessage Message

A WSDL message containing a fault for the **OnSessionConnecting WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointCoreEventSink_OnSessionConnecting_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.3.4.23.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<OnSessionConnecting>	Input parameters element
<OnSessionConnectingResponse>	Output data element

### 3.3.4.23.2.1 OnSessionConnecting

```
<xsd:element name="OnSessionConnecting">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="idStation" type="xsd:unsignedInt"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**idStation:** Contains the ID of the **MultiPoint Station**. This is an unsigned integer with a range of 1 - n, where n is the number of stations currently available on the server.

### 3.3.4.23.2.2 OnSessionConnectingResponse

```
<xsd:element name="OnSessionConnectingResponse">
  <xsd:complexType/>
</xsd:element>
```

### 3.3.4.23.3 Complex Types

None.

### 3.3.4.24 OnSessionDisconnected Operation

The **OnSessionDisconnected** operation event occurs when a session is disconnected. This operation **MUST** be authenticated by using Notification Sink Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="OnSessionDisconnected">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnSessionDisconnect
ed" name="IMultiPointCoreEventSink_OnSessionDisconnected_InputMessage"
message="tns:IMultiPointCoreEventSink_OnSessionDisconnected_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnSessionDisconnect
edResponse" name="IMultiPointCoreEventSink_OnSessionDisconnected_OutputMessage"
message="tns:IMultiPointCoreEventSink_OnSessionDisconnected_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointCoreEventSink_OnSessionDisconnected_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.3.4.24.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointCoreEventSink_OnSessionDisconnected_InputMessage	This message is sent when a session is disconnected.
IMultiPointCoreEventSink_OnSessionDisconnected_OutputMessage	Response message.
IMultiPointCoreEventSink_OnSessionDisconnected_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

### 3.3.4.24.1.1 IMultiPointCoreEventSink\_OnSessionDisconnected\_InputMessage Message

A **WSDL message** containing the request for the **OnSessionDisconnected WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnSessionDisconnected
<wsdl:message name="IMultiPointCoreEventSink_OnSessionDisconnected_InputMessage">
  <wsdl:part name="OnSessionDisconnected" element="tns:OnSessionDisconnected"/>
</wsdl:message>
```

### 3.3.4.24.1.2 IMultiPointCoreEventSink\_OnSessionDisconnected\_OutputMessage Message

A **WSDL message** containing the response for the **OnSessionDisconnected WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnSessionDisconnectedResponse
<wsdl:message name="IMultiPointCoreEventSink_OnSessionDisconnected_OutputMessage">
  <wsdl:part name="OnSessionDisconnectedResponse"
  element="tns:OnSessionDisconnectedResponse"/>
</wsdl:message>
```

### 3.3.4.24.1.3 IMultiPointCoreEventSink\_OnSessionDisconnected\_WmsFaultType\_Fault Message Message

A **WSDL message** containing a fault for **OnSessionDisconnected WSDL extensions**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message
name="IMultiPointCoreEventSink_OnSessionDisconnected_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.3.4.24.2 Elements

The following table summarizes the XML Schema element definitions that are specific to this operation.

Element	Description
<OnSessionDisconnected>	Input parameters element
<OnSessionDisconnectedResponse>	Output data element

### 3.3.4.24.2.1 OnSessionDisconnected

```
<xsd:element name="OnSessionDisconnected">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="idStation" type="xsd:unsignedInt"/>
    </xsd:sequence>
  </xsd:complexType>
```

```
</xsd:element>
```

**idStation:** Contains the ID of the **MultiPoint Station**. This is an unsigned integer with a range of 1 - n, where n is the number of stations currently available on the server.

### 3.3.4.24.2.2 OnSessionDisconnectedResponse

```
<xsd:element name="OnSessionDisconnectedResponse">  
  <xsd:complexType/>  
</xsd:element>
```

### 3.3.4.24.3 Complex Types

None.

### 3.3.4.25 OnSessionUnblocked Operation

The **OnSessionUnblocked** operation event occurs when a session is unblocked. This operation MUST be authenticated by using Notification Sink Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="OnSessionUnblocked">  
  <wsdl:input  
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnSessionUnblocked"  
    name="IMultiPointCoreEventSink OnSessionUnblocked InputMessage"  
    message="tns:IMultiPointCoreEventSink_OnSessionUnblocked_InputMessage"/>  
  <wsdl:output  
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnSessionUnblockedRe  
    sponse" name="IMultiPointCoreEventSink OnSessionUnblocked OutputMessage"  
    message="tns:IMultiPointCoreEventSink OnSessionUnblocked OutputMessage"/>  
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"  
    message="tns:IMultiPointCoreEventSink_OnSessionUnblocked_WmsFaultType_FaultMessage"/>  
</wsdl:operation>
```

### 3.3.4.25.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointCoreEventSink_OnSessionUnblocked_InputMessage	This message is sent when a session is unblocked.
IMultiPointCoreEventSink_OnSessionUnblocked_OutputMessage	Response message.
IMultiPointCoreEventSink_OnSessionUnblocked_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.3.4.25.1.1 IMultiPointCoreEventSink\_OnSessionUnblocked\_InputMessage Message

A **WSDL message** containing the request for **OnSessionUnblocked WSDL extensions**.

The **SOAP action** value is:



```

http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnSessionUnblocked
<wsdl:message name="IMultiPointCoreEventSink_OnSessionUnblocked_InputMessage">
  <wsdl:part name="OnSessionUnblocked" element="tns:OnSessionUnblocked"/>
</wsdl:message>

```

### 3.3.4.25.1.2 IMultiPointCoreEventSink\_OnSessionUnblocked\_OutputMessage Message

A **WSDL message** containing the response for **OnSessionUnblocked WSDL extensions**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnSessionUnblockedResponse
<wsdl:message name="IMultiPointCoreEventSink_OnSessionUnblocked_OutputMessage">
  <wsdl:part name="OnSessionUnblockedResponse" element="tns:OnSessionUnblockedResponse"/>
</wsdl:message>

```

### 3.3.4.25.1.3 IMultiPointCoreEventSink\_OnSessionUnblocked\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for **OnSessionUnblocked WSDL extensions**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointCoreEventSink_OnSessionUnblocked_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>

```

## 3.3.4.25.2 Elements

The following table summarizes the XML Schema element definitions that are specific to this operation.

Element	Description
<OnSessionUnblocked>	Input parameters element
<OnSessionUnblockedResponse>	Output data element

### 3.3.4.25.2.1 OnSessionUnblocked

```

<xsd:element name="OnSessionUnblocked">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="idSession" type="xsd:unsignedInt"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>

```

**idSession:** Contains the ID of the remote desktop session being associated with the station.

### 3.3.4.25.2.2 OnSessionUnblockedResponse

```

<xsd:element name="OnSessionUnblockedResponse">
  <xsd:complexType/>

```

```
</xsd:element>
```

### 3.3.4.25.3 Complex Types

None.

### 3.3.4.26 OnStationAdded Operation

The **OnStationAdded** operation event occurs when a new station is added. This operation **MUST** be authenticated by using Notification Sink Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="OnStationAdded">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnStationAdded"
    name="IMultiPointCoreEventSink_OnStationAdded_InputMessage"
    message="tns:IMultiPointCoreEventSink_OnStationAdded_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnStationAddedResponse"
    name="IMultiPointCoreEventSink_OnStationAdded_OutputMessage"
    message="tns:IMultiPointCoreEventSink_OnStationAdded_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointCoreEventSink_OnStationAdded_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.3.4.26.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointCoreEventSink_OnStationAdded_InputMessage	This message is sent when a new station is added.
IMultiPointCoreEventSink_OnStationAdded_OutputMessage	Response message.
IMultiPointCoreEventSink_OnStationAdded_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

##### 3.3.4.26.1.1 IMultiPointCoreEventSink\_OnStationAdded\_InputMessage Message

A **WSDL message** containing the request for **OnStationAdded WSDL extensions**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnStationAdded
<wsdl:message name="IMultiPointCoreEventSink_OnStationAdded_InputMessage">
  <wsdl:part name="OnStationAdded" element="tns:OnStationAdded"/>
</wsdl:message>
```

##### 3.3.4.26.1.2 IMultiPointCoreEventSink\_OnStationAdded\_OutputMessage Message

A **WSDL message** containing the response for **OnStationAdded WSDL extensions**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnStationAddedResponse
<wsdl:message name="IMultiPointCoreEventSink_OnStationAdded_OutputMessage">
  <wsdl:part name="OnStationAddedResponse" element="tns:OnStationAddedResponse"/>
</wsdl:message>
```

### 3.3.4.26.1.3 IMultiPointCoreEventSink\_OnStationAdded\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **OnStationAdded WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointCoreEventSink_OnStationAdded_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.3.4.26.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<OnStationAdded>	Input parameters element
<OnStationAddedResponse>	Output data element

#### 3.3.4.26.2.1 OnStationAdded

```
<xsd:element name="OnStationAdded">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="idStation" type="xsd:unsignedInt"/>
      <xsd:element minOccurs="1" maxOccurs="1" name="idxSplitScreen" type="xsd:unsignedInt"/>
      <xsd:element minOccurs="1" maxOccurs="1" name="idPrimaryStation"
type="xsd:unsignedInt"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**idStation:** Contains the ID of the **MultiPoint Station**. This is an unsigned integer with a range of 1 - n, where n is the number of stations currently available on the server.

**idxSplitScreen:** Contains the index of the new split-screen station.

**idPrimaryStation:** Contains the station ID of the primary station.

#### 3.3.4.26.2.2 OnStationAddedResponse

```
<xsd:element name="OnStationAddedResponse">
  <xsd:complexType/>
</xsd:element>
```

### 3.3.4.26.3 Complex Types

None.

### 3.3.4.27 OnStationAlert Operation

The **OnStationAlert** operation event occurs when a station alert occurs. This operation **MUST** be authenticated by using Notification Sink Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="OnStationAlert">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnStationAlert"
    name="IMultiPointCoreEventSink_OnStationAlert_InputMessage"
    message="tns:IMultiPointCoreEventSink OnStationAlert InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnStationAlertResponse"
    name="IMultiPointCoreEventSink_OnStationAlert_OutputMessage"
    message="tns:IMultiPointCoreEventSink_OnStationAlert_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointCoreEventSink OnStationAlert WmsFaultType FaultMessage"/>
</wsdl:operation>
```

#### 3.3.4.27.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointCoreEventSink_OnStationAlert_InputMessage	This message is sent when a station alert occurs.
IMultiPointCoreEventSink_OnStationAlert_OutputMessage	Response message.
IMultiPointCoreEventSink_OnStationAlert_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

##### 3.3.4.27.1.1 IMultiPointCoreEventSink\_OnStationAlert\_InputMessage Message

A **WSDL message** containing the request for the **OnStationAlert WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnStationAlert
<wsdl:message name="IMultiPointCoreEventSink_OnStationAlert_InputMessage">
  <wsdl:part name="OnStationAlert" element="tns:OnStationAlert"/>
</wsdl:message>
```

##### 3.3.4.27.1.2 IMultiPointCoreEventSink\_OnStationAlert\_OutputMessage Message

A **WSDL message** containing the response for the **OnStationAlert WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnStationAlertResponse
```

```
<wsdl:message name="IMultiPointCoreEventSink_OnStationAlert_OutputMessage">
  <wsdl:part name="OnStationAlertResponse" element="tns:OnStationAlertResponse"/>
</wsdl:message>
```

### 3.3.4.27.1.3 IMultiPointCoreEventSink\_OnStationAlert\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **OnStationAlert WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointCoreEventSink_OnStationAlert_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.3.4.27.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<OnStationAlert>	Input parameters element
<OnStationAlertResponse>	Output data element

#### 3.3.4.27.2.1 OnStationAlert

```
<xsd:element name="OnStationAlert">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="eType" type="xsd:unsignedInt"/>
      <xsd:element minOccurs="1" maxOccurs="1" name="idStation" type="xsd:unsignedInt"/>
      <xsd:element minOccurs="1" maxOccurs="1" name="eStatus" type="xsd:unsignedInt"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**eType:** Contains the following possible values:

Value	Meaning
0	hub missing required device
1	auto logon credentials failed
2	wait for services timeout
3	wait for connection timeout

**idStation:** Contains the ID of the **MultiPoint Station**. This is an unsigned integer with a range of 1 - n, where n is the number of stations currently available on the server.

**eStatus:** Contains the following possible values:

Value	Meaning
0	alert cleared
1	alert set
2	no change

### 3.3.4.27.2.2 OnStationAlertResponse

```
<xsd:element name="OnStationAlertResponse">
  <xsd:complexType/>
</xsd:element>
```

### 3.3.4.27.3 Complex Types

None.

### 3.3.4.28 OnStationRemoved Operation

The **OnStationRemoved** operation event occurs when a station is removed. This operation MUST be authenticated by using Notification Sink Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="OnStationRemoved">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnStationRemoved"
name="IMultiPointCoreEventSink_OnStationRemoved_InputMessage"
message="tns:IMultiPointCoreEventSink_OnStationRemoved_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnStationRemovedResp
onse" name="IMultiPointCoreEventSink_OnStationRemoved_OutputMessage"
message="tns:IMultiPointCoreEventSink_OnStationRemoved_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointCoreEventSink_OnStationRemoved_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.3.4.28.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointCoreEventSink_OnStationRemoved_InputMessage	This message is sent when a station is removed.
IMultiPointCoreEventSink_OnStationRemoved_OutputMessage	Response message.
IMultiPointCoreEventSink_OnStationRemoved_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.3.4.28.1.1 IMultiPointCoreEventSink\_OnStationRemoved\_InputMessage Message

A **WSDL message** containing the request for the **OnStationRemoved WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnStationRemoved
<wsdl:message name="IMultiPointCoreEventSink_OnStationRemoved_InputMessage">
  <wsdl:part name="OnStationRemoved" element="tns:OnStationRemoved"/>
</wsdl:message>
```

### 3.3.4.28.1.2 IMultiPointCoreEventSink\_OnStationRemoved\_OutputMessage Message

A **WSDL message** containing the response for the **OnStationRemoved WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnStationRemovedResponse
<wsdl:message name="IMultiPointCoreEventSink_OnStationRemoved_OutputMessage">
  <wsdl:part name="OnStationRemovedResponse" element="tns:OnStationRemovedResponse"/>
</wsdl:message>
```

### 3.3.4.28.1.3 IMultiPointCoreEventSink\_OnStationRemoved\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **OnStationRemoved WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointCoreEventSink_OnStationRemoved_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

## 3.3.4.28.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<OnStationRemoved>	Input parameters element
<OnStationRemovedResponse>	Output data element

### 3.3.4.28.2.1 OnStationRemoved

```
<xsd:element name="OnStationRemoved">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="idStation" type="xsd:unsignedInt"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**idStation:** Contains the ID of the **MultiPoint Station**. This is an unsigned integer with a range of 1 - n, where n is the number of stations currently available on the server.

### 3.3.4.28.2 OnStationRemovedResponse

```
<xsd:element name="OnStationRemovedResponse">
  <xsd:complexType/>
</xsd:element>
```

### 3.3.4.28.3 Complex Types

None.

### 3.3.4.29 OnSystemAlert Operation

The **OnSystemAlert** operation event occurs when a system alert occurs. This operation **MUST** be authenticated by using Notification Sink Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="OnSystemAlert">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnSystemAlert"
name="IMultiPointCoreEventSink_OnSystemAlert_InputMessage"
message="tns:IMultiPointCoreEventSink_OnSystemAlert_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnSystemAlertResponse"
name="IMultiPointCoreEventSink_OnSystemAlert_OutputMessage"
message="tns:IMultiPointCoreEventSink_OnSystemAlert_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointCoreEventSink_OnSystemAlert_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.3.4.29.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointCoreEventSink_OnSystemAlert_InputMessage	This message is sent when a system alert occurs.
IMultiPointCoreEventSink_OnSystemAlert_OutputMessage	Response message.
IMultiPointCoreEventSink_OnSystemAlert_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.3.4.29.1.1 IMultiPointCoreEventSink\_OnSystemAlert\_InputMessage Message

A **WSDL message** containing the request for the **OnSystemAlert WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnSystemAlert
<wsdl:message name="IMultiPointCoreEventSink_OnSystemAlert_InputMessage">
  <wsdl:part name="OnSystemAlert" element="tns:OnSystemAlert"/>
</wsdl:message>
```

#### 3.3.4.29.1.2 IMultiPointCoreEventSink\_OnSystemAlert\_OutputMessage Message



A **WSDL message** containing the response for the **OnSystemAlert WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnSystemAlertResponse
<wsdl:message name="IMultiPointCoreEventSink_OnSystemAlert_OutputMessage">
  <wsdl:part name="OnSystemAlertResponse" element="tns:OnSystemAlertResponse"/>
</wsdl:message>
```

### 3.3.4.29.1.3 IMultiPointCoreEventSink\_OnSystemAlert\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **OnSystemAlert WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointCoreEventSink_OnSystemAlert_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.3.4.29.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<OnSystemAlert>	Input parameters element
<OnSystemAlertResponse>	Output data element

#### 3.3.4.29.2.1 OnSystemAlert

```
<xsd:element name="OnSystemAlert">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="eType" type="xsd:unsignedInt"/>
      <xsd:element minOccurs="1" maxOccurs="1" name="eStatus" type="xsd:unsignedInt"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**eType:** Contains the type of system alert with the following possible values:

Value	Meaning
0	Standard VGA Adapter Only
1	No potential station hubs
2	Safe mode
3	Keyboard or mouse on root hub
4	Monitors without potential station hubs

Value	Meaning
5	Disk protection first threshold crossed
6	Disk protection second threshold crossed

**eStatus:** Contains the following possible values:

Value	Meaning
0	alert cleared
1	alert set
2	no change

### 3.3.4.29.2.2 OnSystemAlertResponse

```
<xsd:element name="OnSystemAlertResponse">
  <xsd:complexType/>
</xsd:element>
```

### 3.3.4.29.3 Complex Types

None.

### 3.3.4.30 OnSystemModeChange Operation

The **OnSystemModeChange** operation event occurs when the server changes modes between multistation and maintenance modes. This operation **MUST** be authenticated by using Notification Sink Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="OnSystemModeChange">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnSystemModeChange"
name="IMultiPointCoreEventSink_OnSystemModeChange_InputMessage"
message="tns:IMultiPointCoreEventSink_OnSystemModeChange_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnSystemModeChangeRe
sponse" name="IMultiPointCoreEventSink_OnSystemModeChange_OutputMessage"
message="tns:IMultiPointCoreEventSink_OnSystemModeChange_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointCoreEventSink_OnSystemModeChange_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.3.4.30.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointCoreEventSink_OnSystemModeChange_InputMessage	This message is sent to report a system mode change.

Message	Description
IMultiPointCoreEventSink_OnSystemModeChange_OutputMessage	Response message.
IMultiPointCoreEventSink_OnSystemModeChange_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

### 3.3.4.30.1.1 IMultiPointCoreEventSink\_OnSystemModeChange\_InputMessage Message

A **WSDL message** containing the request for the **OnSystemModeChange WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnSystemModeChange
<wsdl:message name="IMultiPointCoreEventSink_OnSystemModeChange_InputMessage">
  <wsdl:part name="OnSystemModeChange" element="tns:OnSystemModeChange"/>
</wsdl:message>
```

### 3.3.4.30.1.2 IMultiPointCoreEventSink\_OnSystemModeChange\_OutputMessage Message

A **WSDL message** containing the response for the **OnSystemModeChange WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnSystemModeChangeResponse
<wsdl:message name="IMultiPointCoreEventSink_OnSystemModeChange_OutputMessage">
  <wsdl:part name="OnSystemModeChangeResponse" element="tns:OnSystemModeChangeResponse"/>
</wsdl:message>
```

### 3.3.4.30.1.3 IMultiPointCoreEventSink\_OnSystemModeChange\_WmsFaultType\_Fault Message Message

A **WSDL message** containing a fault for the **OnSystemModeChange WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointCoreEventSink_OnSystemModeChange_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.3.4.30.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<OnSystemModeChange>	Input parameters element
<OnSystemModeChangeResponse>	Output data element

### 3.3.4.30.2.1 OnSystemModeChange

```
<xsd:element name="OnSystemModeChange">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="eType" type="xsd:unsignedInt"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**eType:** Contains the following possible values for mode type:

Value	Meaning
0	multistation
1	maintenance

### 3.3.4.30.2.2 OnSystemModeChangeResponse

```
<xsd:element name="OnSystemModeChangeResponse">
  <xsd:complexType/>
</xsd:element>
```

### 3.3.4.30.3 Complex Types

None.

### 3.3.4.31 OnVirtualDesktopOnline

The **OnVirtualDesktopOnline** operation event occurs to report that a virtual desktop station has come online. [<2>](#) This operation MUST be authenticated by using Notification Sink Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="OnVirtualDesktopOnline">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnVirtualDesktopOnline"
name="IMultiPointCoreEventSink_OnVirtualDesktopOnline_InputMessage"
message="tns:IMultiPointCoreEventSink_OnVirtualDesktopOnline_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnVirtualDesktopOnlineResponse"
name="IMultiPointCoreEventSink_OnVirtualDesktopOnline_OutputMessage"
message="tns:IMultiPointCoreEventSink_OnVirtualDesktopOnline_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointCoreEventSink_OnVirtualDesktopOnline_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.3.4.31.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointCoreEventSink_OnVirtualDesktopOnline_InputMessage	This message is sent to update the virtual machine availability.
IMultiPointCoreEventSink_OnVirtualDesktopOnline_OutputMessage	Response message.
IMultiPointCoreEventSink_OnVirtualDesktopOnline_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

### 3.3.4.31.1.1 IMultiPointCoreEventSink\_OnVirtualDesktopOnline\_InputMessage Message

A **WSDL message** containing the request for the **OnVirtualDesktopOnline WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnVirtualDesktopOnline
<wsdl:message name="IMultiPointCoreEventSink_OnVirtualDesktopOnline_InputMessage">
  <wsdl:part name="OnVirtualDesktopOnline" element="tns:OnVirtualDesktopOnline"/>
</wsdl:message>
```

### 3.3.4.31.1.2 IMultiPointCoreEventSink\_OnVirtualDesktopOnline\_OutputMessage Message

A **WSDL message** containing the response for the **OnVirtualDesktopOnline WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnVirtualDesktopOnlineResponse
<wsdl:message name="IMultiPointCoreEventSink_OnVirtualDesktopOnline_OutputMessage">
  <wsdl:part name="OnVirtualDesktopOnlineResponse"
  element="tns:OnVirtualDesktopOnlineResponse"/>
</wsdl:message>
```

### 3.3.4.31.1.3 IMultiPointCoreEventSink\_OnVirtualDesktopOnline\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **OnVirtualDesktopOnline WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message
  name="IMultiPointCoreEventSink_OnVirtualDesktopOnline_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.3.4.31.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<OnVirtualDesktopOnline>	Input parameters element
<OnVirtualDesktopOnlineResponse>	Output data element

### 3.3.4.31.2.1 OnVirtualDesktopOnline

```
<xsd:element name="OnVirtualDesktopOnline">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="wsVirtualMachineId" nillable="true"
type="xsd:string" />
      <xsd:element minOccurs="1" maxOccurs="1" name="wsHostName" nillable="true"
type="xsd:string" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**wsVirtualMachineId:** Contains the virtual machine ID of the virtual machine that has come online.

**wsHostName:** Contains the **fully qualified domain name (FQDN)** of the virtual machine that has come online.

### 3.3.4.31.2.2 OnVirtualDesktopOnlineResponse

```
<xsd:element name="OnVirtualDesktopNotificationOnline">
  <xsd:complexType/>
</xsd:element>
```

### 3.3.4.31.3 Complex Types

None.

### 3.3.4.32 OnVirtualDesktopNotification Operation

The **OnVirtualDesktopNotification** operation event occurs to report progress on the enabling and configuration of the virtual desktop feature. This operation **MUST** be authenticated by using Notification Sink Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="OnVirtualDesktopNotification">
  <wsdl:input>
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnVirtualDesktopNoti
fication" name="IMultiPointCoreEventSink OnVirtualDesktopNotification InputMessage"
message="tns:IMultiPointCoreEventSink_OnVirtualDesktopNotification_InputMessage"/>
  <wsdl:output>
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnVirtualDesktopNoti
ficationResponse" name="IMultiPointCoreEventSink OnVirtualDesktopNotification OutputMessage"
message="tns:IMultiPointCoreEventSink_OnVirtualDesktopNotification_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointCoreEventSink_OnVirtualDesktopNotification_WmsFaultType_FaultMessage"
/>
</wsdl:operation>
```

### 3.3.4.32.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointCoreEventSink_OnVirtualDesktopNotification_InputMessage	This message is sent to update virtual machine setup status.
IMultiPointCoreEventSink_OnVirtualDesktopNotification_OutputMessage	Response message.
IMultiPointCoreEventSink_OnVirtualDesktopNotification_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

### 3.3.4.32.1.1 IMultiPointCoreEventSink\_OnVirtualDesktopNotification\_InputMessage Message

A **WSDL message** containing the request for the **OnVirtualDesktopNotification WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnVirtualDesktopNotification
<wsdl:message name="IMultiPointCoreEventSink_OnVirtualDesktopNotification_InputMessage">
  <wsdl:part name="OnVirtualDesktopNotification" element="tns:OnVirtualDesktopNotification"/>
</wsdl:message>
```

### 3.3.4.32.1.2 IMultiPointCoreEventSink\_OnVirtualDesktopNotification\_OutputMessage Message

A **WSDL message** containing the response for the **OnVirtualDesktopNotification WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnVirtualDesktopNotificationResponse
<wsdl:message name="IMultiPointCoreEventSink_OnVirtualDesktopNotification_OutputMessage">
  <wsdl:part name="OnVirtualDesktopNotificationResponse"
  element="tns:OnVirtualDesktopNotificationResponse"/>
</wsdl:message>
```

### 3.3.4.32.1.3 IMultiPointCoreEventSink\_OnVirtualDesktopNotification\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **OnVirtualDesktopNotification WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message
name="IMultiPointCoreEventSink_OnVirtualDesktopNotification_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.3.4.32.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<OnVirtualDesktopNotification>	Input parameters element
<OnVirtualDesktopNotificationResponse>	Output data element

#### 3.3.4.32.2.1 OnVirtualDesktopNotification

```
<xsd:element name="OnVirtualDesktopNotification">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="eVirtualDesktopNotificationType"
type="xsd:unsignedInt"/>
      <xsd:element minOccurs="1" maxOccurs="1" name="idProgress" type="xsd:unsignedInt"/>
      <xsd:element minOccurs="1" maxOccurs="1" name="wsMessage" nillable="true"
type="xsd:string"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**eVirtualDesktopNotificationType:** Contains the type of virtual desktop operation with the following possible values:

Value	Meaning
0	Begin Enable virtual desktop
1	End enable virtual desktop
2	Begin disable virtual desktop
3	End disable virtual desktop
4	Begin create virtual desktop template
5	Create virtual desktop template progress
6	End virtual desktop template
7	Begin create station virtual desktop
8	Create station virtual desktop progress
9	End create station virtual desktop

**idProgress:** Contains values 0-100.

**wsMessage:** Contains a message describing the event.

#### 3.3.4.32.2.2 OnVirtualDesktopNotificationResponse

```
<xsd:element name="OnVirtualDesktopNotificationResponse">
  <xsd:complexType/>
</xsd:element>
```



### 3.3.4.32.3 Complex Types

None.

### 3.3.4.33 ShutdownNotification Operation

The **ShutdownNotification** operation event occurs when the server shuts down. This operation MUST be authenticated by using Notification Sink Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="ShutdownNotification">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/ShutdownNotification
    " name="IMultiPointCoreEventSink_ShutdownNotification_InputMessage"
    message="tns:IMultiPointCoreEventSink_ShutdownNotification_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/ShutdownNotification
    Response" name="IMultiPointCoreEventSink_ShutdownNotification_OutputMessage"
    message="tns:IMultiPointCoreEventSink_ShutdownNotification_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointCoreEventSink_ShutdownNotification_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.3.4.33.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointCoreEventSink_ShutdownNotification_InputMessage	This message is sent when the server shuts down.
IMultiPointCoreEventSink_ShutdownNotification_OutputMessage	Response message.
IMultiPointCoreEventSink_ShutdownNotification_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.3.4.33.1.1 IMultiPointCoreEventSink\_ShutdownNotification\_InputMessage Message

A **WSDL message** containing the request for the **ShutdownNotification WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/ShutdownNotification
<wsdl:message name="IMultiPointCoreEventSink_ShutdownNotification_InputMessage">
  <wsdl:part name="ShutdownNotification" element="tns:ShutdownNotification"/>
</wsdl:message>
```

#### 3.3.4.33.1.2 IMultiPointCoreEventSink\_ShutdownNotification\_OutputMessage Message

A **WSDL message** containing the response for the **ShutdownNotification WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/ShutdownNotificationResponse
<wsdl:message name="IMultiPointCoreEventSink_ShutdownNotification_OutputMessage">
  <wsdl:part name="ShutdownNotificationResponse" element="tns:ShutdownNotificationResponse"/>
</wsdl:message>

```

### 3.3.4.33.1.3 IMultiPointCoreEventSink\_ShutdownNotification\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **ShutdownNotification WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointCoreEventSink_ShutdownNotification_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>

```

### 3.3.4.33.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<ShutdownNotification>	Input parameters element
<ShutdownNotificationResponse>	Output data element

#### 3.3.4.33.2.1 ShutdownNotification

```

<xsd:element name="ShutdownNotification">
  <xsd:complexType/>
</xsd:element>

```

#### 3.3.4.33.2.2 ShutdownNotificationResponse

```

<xsd:element name="ShutdownNotificationResponse">
  <xsd:complexType/>
</xsd:element>

```

### 3.3.4.33.3 Complex Types

None.

### 3.3.4.34 OnUserCreated Operation

The **OnUserCreated** operation event occurs when a new user is created. This operation **MUST** be authenticated by using Notification Sink Management Credentials (section [3.4.1](#)).

```

<wsdl:operation name="OnUserCreated">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnUserCreated"

```

```

name="IMultiPointCoreEventSink_OnUserCreated_InputMessage"
message="tns:IMultiPointCoreEventSink_OnUserCreated_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnUserCreatedResponse"
name="IMultiPointCoreEventSink_OnUserCreated_OutputMessage"
message="tns:IMultiPointCoreEventSink_OnUserCreated_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointCoreEventSink_OnUserCreated_WmsFaultType_FaultMessage"/>
</wsdl:operation>

```

### 3.3.4.34.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointCoreEventSink_OnUserCreated_InputMessage	This message is sent when a user is created.
IMultiPointCoreEventSink_OnUserCreated_OutputMessage	Response message.
IMultiPointCoreEventSink_OnUserCreated_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.3.4.34.1.1 IMultiPointCoreEventSink\_OnUserCreated\_InputMessage Message

A **WSDL message** containing the request for the **OnUserCreated WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnUserCreated
<wsdl:message name="IMultiPointCoreEventSink_OnUserCreated_InputMessage">
  <wsdl:part name="OnUserCreated" element="tns:OnUserCreated"/>
</wsdl:message>

```

#### 3.3.4.34.1.2 IMultiPointCoreEventSink\_OnUserCreated\_OutputMessage Message

A **WSDL message** containing the response for the **OnUserCreated WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnUserCreatedResponse
<wsdl:message name="IMultiPointCoreEventSink_OnUserCreated_OutputMessage">
  <wsdl:part name="OnUserCreatedResponse" element="tns:OnUserCreatedResponse"/>
</wsdl:message>

```

#### 3.3.4.34.1.3 IMultiPointCoreEventSink\_OnUserCreated\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **OnUserCreated WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/WmsFault

```

```

<wsdl:message name="IMultiPointCoreEventSink_OnUserCreated_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>

```

### 3.3.4.34.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<OnUserCreated>	Input parameters element
<OnUserCreatedResponse>	Output data element

#### 3.3.4.34.2.1 OnUserCreated

```

<xsd:element name="OnUserCreated">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="wsUserName" nillable="true"
type="xsd:string"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>

```

**wsUserName:** Contains the user name created.

#### 3.3.4.34.2.2 OnUserCreatedResponse

```

<xsd:element name="OnUserCreatedResponse">
  <xsd:complexType/>
</xsd:element>

```

### 3.3.4.34.3 Complex Types

None.

### 3.3.4.35 OnUserUpdated Operation

The **OnUserUpdated** operation event occurs when an existing user is modified. This operation **MUST** be authenticated by using Notification Sink Management Credentials (section [3.4.1](#)).

```

<wsdl:operation name="OnUserUpdated">
  <wsdl:input>
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnUserUpdated"
name="IMultiPointCoreEventSink_OnUserUpdated_InputMessage"
message="tns:IMultiPointCoreEventSink_OnUserUpdated_InputMessage"/>
  <wsdl:output>
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnUserUpdatedRespon
se" name="IMultiPointCoreEventSink_OnUserUpdated_OutputMessage"
message="tns:IMultiPointCoreEventSink_OnUserUpdated_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointCoreEventSink_OnUserUpdated_WmsFaultType_FaultMessage"/>
</wsdl:operation>

```

### 3.3.4.35.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointCoreEventSink_OnUserUpdated_InputMessage	This message is sent when a user is modified.
IMultiPointCoreEventSink_OnUserUpdated_OutputMessage	Response message.
IMultiPointCoreEventSink_OnUserUpdated_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.3.4.35.1.1 IMultiPointCoreEventSink\_OnUserUpdated\_InputMessage Message

A **WSDL message** containing the request for the **OnUserUpdated WSDL operation**.

The SOAP action value is:

```
http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnUserUpdated
<wsdl:message name="IMultiPointCoreEventSink_OnUserUpdated_InputMessage">
  <wsdl:part name="OnUserUpdated" element="tns:OnUserUpdated"/>
</wsdl:message>
```

#### 3.3.4.35.1.2 IMultiPointCoreEventSink\_OnUserUpdated\_OutputMessage Message

A **WSDL message** containing the response for the **OnUserUpdated WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnUserUpdatedResponse
<wsdl:message name="IMultiPointCoreEventSink_OnUserUpdated_OutputMessage">
  <wsdl:part name="OnUserUpdatedResponse" element="tns:OnUserUpdatedResponse"/>
</wsdl:message>
```

#### 3.3.4.35.1.3 IMultiPointCoreEventSink\_OnUserUpdated\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **OnUserUpdated WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointCoreEventSink_OnUserUpdated_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.3.4.35.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<OnUserUpdated>	Input parameters element
<OnUserUpdatedResponse>	Output data element

### 3.3.4.35.2.1 OnUserUpdated

```
<xsd:element name="OnUserUpdated">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="wsUserName" nillable="true"
type="xsd:string"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**wsUserName:** Contains the updated user name.

### 3.3.4.35.2.2 OnUserUpdatedResponse

```
<xsd:element name="OnUserUpdatedResponse">
  <xsd:complexType/>
</xsd:element>
```

### 3.3.4.35.3 Complex Types

None.

### 3.3.4.36 OnUserDeleted Operation

The **OnUserDeleted** operation event occurs when a user is deleted. This operation MUST be authenticated by using Notification Sink Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="OnUserDeleted">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnUserDeleted"
name="IMultiPointCoreEventSink_OnUserDeleted_InputMessage"
message="tns:IMultiPointCoreEventSink_OnUserDeleted_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnUserDeletedRespons
e" name="IMultiPointCoreEventSink_OnUserDeleted_OutputMessage"
message="tns:IMultiPointCoreEventSink_OnUserDeleted_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointCoreEventSink_OnUserDeleted_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.3.4.36.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointCoreEventSink_OnUserDeleted_InputMessage	This message is sent when a user is deleted.

Message	Description
IMultiPointCoreEventSink_OnUserDeleted_OutputMessage	Response message.
IMultiPointCoreEventSink_OnUserDeleted_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

### 3.3.4.36.1.1 IMultiPointCoreEventSink\_OnUserDeleted\_InputMessage Message

A **WSDL message** containing the request for the **OnUserDeleted WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnUserDeleted
<wsdl:message name="IMultiPointCoreEventSink_OnUserDeleted_InputMessage">
  <wsdl:part name="OnUserDeleted" element="tns:OnUserDeleted"/>
</wsdl:message>
```

### 3.3.4.36.1.2 IMultiPointCoreEventSink\_OnUserDeleted\_OutputMessage Message

A **WSDL message** containing the response for the **OnUserDeleted WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnUserDeletedResponse
<wsdl:message name="IMultiPointCoreEventSink_OnUserDeleted_OutputMessage">
  <wsdl:part name="OnUserDeletedResponse" element="tns:OnUserDeletedResponse"/>
</wsdl:message>
```

### 3.3.4.36.1.3 IMultiPointCoreEventSink\_OnUserDeleted\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **OnUserDeleted WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointCoreEventSink_OnUserDeleted_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.3.4.36.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<OnUserDeleted>	Input parameters element
<OnUserDeletedResponse>	Output data element

### 3.3.4.36.2.1 OnUserDeleted

```
<xsd:element name="OnUserDeleted">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="wsUserName" nillable="true"
type="xsd:string"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**wsUserName:** Contains the user name that was deleted.

### 3.3.4.36.2.2 OnUserDeletedResponse

```
<xsd:element name="OnUserDeletedResponse">
  <xsd:complexType/>
</xsd:element>
```

### 3.3.4.36.3 Complex Types

None.

### 3.3.4.37 OnGroupUpdated Operation

The **OnGroupUpdated** operation event occurs when a user group is updated. This operation MUST be authenticated by using Notification Sink Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="OnGroupUpdated">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnGroupUpdated"
name="IMultiPointCoreEventSink_OnGroupUpdated_InputMessage"
message="tns:IMultiPointCoreEventSink_OnGroupUpdated_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnGroupUpdatedRespon
se" name="IMultiPointCoreEventSink_OnGroupUpdated_OutputMessage"
message="tns:IMultiPointCoreEventSink_OnGroupUpdated_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointCoreEventSink_OnGroupUpdated_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.3.4.37.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointCoreEventSink_OnGroupUpdated_InputMessage	This message is sent when a user group is updated.
IMultiPointCoreEventSink_OnGroupUpdated_OutputMessage	Response message.
IMultiPointCoreEventSink_OnGroupUpdated_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.



### 3.3.4.37.1.1 IMultiPointCoreEventSink\_OnGroupUpdated\_InputMessage Message

A **WSDL message** containing the request for the **OnGroupUpdated WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnGroupUpdated
<wsdl:message name="IMultiPointCoreEventSink_OnGroupUpdated_InputMessage">
  <wsdl:part name="OnGroupUpdated" element="tns:OnGroupUpdated"/>
</wsdl:message>
```

### 3.3.4.37.1.2 IMultiPointCoreEventSink\_OnGroupUpdated\_OutputMessage Message

A **WSDL message** containing the response for the **OnGroupUpdated WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnGroupUpdatedResponse
<wsdl:message name="IMultiPointCoreEventSink_OnGroupUpdated_OutputMessage">
  <wsdl:part name="OnGroupUpdatedResponse" element="tns:OnGroupUpdatedResponse"/>
</wsdl:message>
```

### 3.3.4.37.1.3 IMultiPointCoreEventSink\_OnGroupUpdated\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **OnGroupUpdated WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointCoreEventSink_OnGroupUpdated_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

## 3.3.4.37.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<OnGroupUpdated>	Input parameters element
<OnGroupUpdatedResponse>	Output data element

### 3.3.4.37.2.1 OnGroupUpdated

```
<xsd:element name="OnGroupUpdated">
  <xsd:complexType/>
</xsd:element>
```

### 3.3.4.37.2.2 OnGroupUpdatedResponse

```
<xsd:element name="OnGroupUpdatedResponse">
  <xsd:complexType/>
```

</xsd:element>

### 3.3.4.37.3 Complex Types

None.

### 3.3.5 Timer Events

None.

### 3.3.6 Other Local Events

None.

## 3.4 IMultiPointCredentialRequest Server Details

The IMultiPointCredentialRequest endpoint is used to process encrypted **SOAP** messages related to the binding of the client/server machines. This endpoint allows the client to request the server's randomly generated **WmsControl password**, randomly generated **WmsManagement password**, and to supply the client's **X.509** certificate, which is used to encrypt event notifications sent by the server to the client (section [3.4.1](#)).

### 3.4.1 Abstract Data Model

This section describes a conceptual model of possible data organization that an implementation maintains to participate in this algorithm. The described organization is provided to facilitate the explanation of how the algorithm behaves. This document does not mandate that implementations adhere to this model as long as their external behavior is consistent with that described in this document.

The server **MUST** supply an **X.509** certificate for the purpose of server identification and to be used by the client and server to encrypt **SOAP** requests/responses.

The server **MUST** create and securely store two random passwords to be used to authenticate API requests:

**WmsControl password:** The **WmsControl password** is used to authenticate regular or non-elevated (do not require administrator privileges) API requests.

**WmsManagement password:** The **WmsManagement password** is used to authenticate elevated (require administrator privileges) API requests.

The following credentials types are used by the protocol:

**Server Administrator Credentials:** User name and password combination for a user that has administrator privileges on the server. These credentials are used in the onboarding process only.

**Server Management Credentials:** The specific user name "WmsManagement" and the WmsManagement password returned from [RequestWmsControlCredentials Operation \(section 3.4.4.2\)](#). These credentials can be used to authenticate all non-onboarding API calls to the server.

**Server Control Credentials:** The specific user name "WmsControl" and the WmsControl password returned from RequestWmsControlCredentials Operation (section 3.4.4.2). These credentials can be used to authenticate a subset of the non-onboarding API calls to the server.

**Notification Sink Management Credentials:** The user name is the hostname of the client and the password is the client's WmsManagement password. These credentials are used to authenticate the methods on the IMultiPointSystemOnlineEventSink endpoint (section 3.9).

**Notification Sink Control Credentials:** The user name is the hostname of the client, and the password is the client's WmsControl password. These credentials are used to authenticate the methods on the IMultiPointChat (section 3.2) and the IMultiPointCoreEventSink (section 3.3) endpoints.

### 3.4.2 Timers

None.

### 3.4.3 Initialization

None.

### 3.4.4 Message Processing Events and Sequencing Rules

This protocol includes the following **WSDL operations**.

Operation	Description
RequestWmsControlCredentials	Request the server's <b>WmsControl password</b> and <b>WmsManagement password</b> .
SetSslCertificate	Provide the server with the client's <b>X.509</b> certificate.

#### 3.4.4.1 SetSslCertificate Operation

The **SetSslCertificate** method provides the server with the client's **X.509** certificate. This operation **MUST** be authenticated by using the **administrator**-level credentials valid on the server.

```
<wsdl:operation name="SetSslCertificate">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCredentialRequest/SetSslCertificate"
    name="IMultiPointCredentialRequest_SetSslCertificate_InputMessage"
    message="tns:IMultiPointCredentialRequest_SetSslCertificate_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCredentialRequest/SetSslCertificateResponse"
    name="IMultiPointCredentialRequest_SetSslCertificate_OutputMessage"
    message="tns:IMultiPointCredentialRequest_SetSslCertificate_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
    name="WmsFaultType"
    message="tns:IMultiPointCredentialRequest_SetSslCertificate_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

##### 3.4.4.1.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointCredentialRequest_SetSslCertificate_InputMessage	This message provides the client's <b>X.509</b>

Message	Description
	certificate to the server.
IMultiPointCredentialRequest_SetSslCertificate_OutputMessage	The response message.
IMultiPointCredentialRequest_SetSslCertificate_WmsFaultType_FaultMessage	This message contains the internal server failure status code, if one occurs.

#### 3.4.4.1.1.1 IMultiPointCredentialRequest\_SetSslCertificate\_InputMessage Message

A **WSDL message** containing the request for the **SetSslCertificate WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointCredentialRequest/SetSslCertificate
<wsdl:message name="IMultiPointCredentialRequest_SetSslCertificate_InputMessage">
  <wsdl:part name="SetSslCertificate" element="tns:SetSslCertificate"/>
</wsdl:message>
```

#### 3.4.4.1.1.2 IMultiPointCredentialRequest\_SetSslCertificate\_OutputMessage Message

A **WSDL message** containing the response for the **SetSslCertificate WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointCredentialRequest/SetSslCertificateResponse
<wsdl:message name="IMultiPointCredentialRequest_SetSslCertificate_OutputMessage">
  <wsdl:part name="SetSslCertificateResponse" element="tns:SetSslCertificateResponse"/>
</wsdl:message>
```

#### 3.4.4.1.1.3 IMultiPointCredentialRequest\_SetSslCertificate\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **SetSslCertificate WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message
name="IMultiPointCredentialRequest_SetSslCertificate_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

#### 3.4.4.1.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<SetSslCertificate>	An input parameter element
<SetSslCertificateResponse>	An output data element

### 3.4.4.1.2.1 SetSslCertificate

```
<xsd:element name="SetSslCertificate" type="tns:SetSslCertificateRequestBody"/>
```

### 3.4.4.1.2.2 SetSslCertificateResponse

```
<xsd:element name="SetSslCertificateResponse" type="q1:SetSslCertificateResponseBody"/>
```

### 3.4.4.1.3 Complex Types

The following table summarizes the **XML Schema** complex type definitions that are specific to this operation.

Element	Description
<SetSslCertificateRequestBody>	XML supplying the input parameters
<SetSslCertificateResponseBody>	XML supplying the output parameters

#### 3.4.4.1.3.1 SetSslCertificateRequestBody

```
<xsd:complexType name="SetSslCertificateRequestBody">  
  <xsd:sequence>  
    <xsd:element minOccurs="1" maxOccurs="1" name="wsHostName" type="xsd:string"/>  
    <xsd:element minOccurs="1" maxOccurs="1" name="SslPort" type="xsd:unsignedInt"/>  
    <xsd:element minOccurs="1" maxOccurs="1" name="wsSslCertificateThumbprint"  
type="xsd:string"/>  
    <xsd:element minOccurs="1" maxOccurs="1" name="pSslCertificate" type="tns:ArrayOfBytes"/>  
  </xsd:sequence>  
</xsd:complexType>
```

**wsHostName:** Contains the host name of the client.

**SslPort:** Contains the **Secure Sockets Layer (SSL)** port that the client listens on for event notifications.

**wsSslCertificateThumbprint:** Contains the **thumbprint** of the client's SSL certificate.

**pSslCertificate:** Contains the client's **X.509** certificate used for SSL. The certificate's subject name **MUST** match the client's hostname. Servers **MUST** verify that the subject name of the certificate matches the hostname of the client. Servers **MUST** also verify that the certificate's **enhanced key usage (EKU)** supports only **Server Authentication**.

#### 3.4.4.1.3.2 SetSslCertificateResponseBody

```
<xsd:complexType name="SetSslCertificateResponseBody"/>
```

#### 3.4.4.1.4 Simple Types

None.

#### 3.4.4.1.5 Attributes

None.

#### 3.4.4.1.6 Groups

None.

#### 3.4.4.1.7 Attribute Groups

None.

### 3.4.4.2 RequestWmsControlCredentials Operation

The **RequestWmsControlCredentials** method requests the server's **WmsControl password** and **WmsManagement password**. This operation MUST be authenticated by using **administrator** credentials valid on the server.

```
<wsdl:operation name="RequestWmsControlCredentials">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCredentialRequest/RequestWmsControlCredentials" name="IMultiPointCredentialRequest_RequestWmsControlCredentials_InputMessage"
message="tns:IMultiPointCredentialRequest_RequestWmsControlCredentials_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCredentialRequest/RequestWmsControlCredentialsResponse"
name="IMultiPointCredentialRequest_RequestWmsControlCredentials_OutputMessage"
message="tns:IMultiPointCredentialRequest_RequestWmsControlCredentials_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
name="WmsFaultType"
message="tns:IMultiPointCredentialRequest_RequestWmsControlCredentials_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.4.4.2.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointCredentialRequest_RequestWmsControlCredentials_InputMessage	This message requests the server's <b>WmsControl password</b> and <b>WmsManagement password</b> .
IMultiPointCredentialRequest_RequestWmsControlCredentials_OutputMessage	This message contains the server's WmsControl password and WmsManagement password.
IMultiPointCredentialRequest_RequestWmsControlCredentials_WmsFaultType_FaultMessage	This message contains the internal server failure status code, if one occurs.

#### 3.4.4.2.1.1 IMultiPointCredentialRequest\_RequestWmsControlCredentials\_InputMessage Message

A **WSDL message** containing the request for the **RequestWmsControlCredentials WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointCredentialRequest/RequestWmsControlCredentials
<wsdl:message name="IMultiPointCredentialRequest_RequestWmsControlCredentials_InputMessage">
  <wsdl:part name="RequestWmsControlCredentials" element="tns:RequestWmsControlCredentials"/>
</wsdl:message>
```

#### 3.4.4.2.1.2 IMultiPointCredentialRequest\_RequestWmsControlCredentials\_OutputMessage Message

A **WSDL message** containing the response for the **RequestWmsControlCredentials WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointCredentialRequest/RequestWmsControlCredentialsResponse
<wsdl:message name="IMultiPointCredentialRequest_RequestWmsControlCredentials_OutputMessage">
  <wsdl:part name="RequestWmsControlCredentialsResponse"
  element="tns:RequestWmsControlCredentialsResponse"/>
</wsdl:message>
```

#### 3.4.4.2.1.3 IMultiPointCredentialRequest\_RequestWmsControlCredentials\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **RequestWmsControlCredentials WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message
name="IMultiPointCredentialRequest_RequestWmsControlCredentials_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

#### 3.4.4.2.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<RequestWmsControlCredentials>	An input parameter element
<RequestWmsControlCredentialsResponse>	An output data element

##### 3.4.4.2.2.1 RequestWmsControlCredentials

```
<xsd:element name="RequestWmsControlCredentials"
type="q1:RequestWmsControlCredentialsRequestBody"/>
```

### 3.4.4.2.2 RequestWmsControlCredentialsResponse

```
<xsd:element name="RequestWmsControlCredentialsResponse" type="tns:RequestWmsControlCredentialsResponseBody"/>
```

### 3.4.4.2.3 Complex Types

The following table summarizes the **XML Schema** complex type definitions that are specific to this operation.

Element	Description
<RequestWmsControlCredentialsRequestBody>	XML supplying the input parameters
<RequestWmsControlCredentialsResponseBody>	XML supplying the output parameters

#### 3.4.4.2.3.1 RequestWmsControlCredentialsRequestBody

```
<xsd:complexType name="RequestWmsControlCredentialsRequestBody"/>
```

#### 3.4.4.2.3.2 RequestWmsControlCredentialsResponseBody

```
<xsd:complexType name="RequestWmsControlCredentialsResponseBody">  
  <xsd:sequence>  
    <xsd:element minOccurs="1" maxOccurs="1" name="pwsWmsControlPassword" type="xsd:string"/>  
    <xsd:element minOccurs="1" maxOccurs="1" name="pwsWmsManagementPassword" type="xsd:string"/>  
  </xsd:sequence>  
</xsd:complexType>
```

**pwsWmsControlPassword:** A string containing the **WmsControl password**.

**pwsWmsManagementPassword:** A string containing the **WmsManagement password**.

### 3.4.4.2.4 Simple Types

None.

### 3.4.4.2.5 Attributes

None.

### 3.4.4.2.6 Groups

None.

### 3.4.4.2.7 Attribute Groups

None.

## 3.4.5 Timer Events

None.



### 3.4.6 Other Local Events

None.

## 3.5 IMultiPointDiskProtection Server Details

The IMultiPointDiskProtection endpoint is a collection of APIs that allow the caller to manipulate the settings of the MultiPoint Services disk protection feature. When the disk protection feature is enabled, it caches all writes to the system disk and discards them when the server is rebooted essentially providing protection against any long-term changes to the server.

### 3.5.1 Abstract Data Model

This section describes a conceptual model of possible data organization that an implementation maintains to participate in this algorithm. The described organization is provided to facilitate the explanation of how the algorithm behaves. This document does not mandate that implementations adhere to this model as long as their external behavior is consistent with that described in this document.

The server MUST supply an **X.509** certificate for the purpose of server identification and to be used by the client and server to encrypt **SOAP** requests/responses.

The server MUST create and securely store a random password to be used to authenticate API requests.

### 3.5.2 Timers

None.

### 3.5.3 Initialization

None.

### 3.5.4 Message Processing Events and Sequencing Rules

This specification includes the following **WSDL operations**.

Operation	Description
GetFreeSpaceNeeded	Get the number of free bytes on the boot <b>partition</b> necessary to install disk protection.
GetMode	Get the current mode of operation of disk protection.
GetScheduledUpdateSettings	Get the current schedule of when the disk protection applies available updates and runs maintenance scripts.
Install	Install disk protection.
IsInstalled	Determine if disk protection is installed.
SetMode	Configure the mode of operation of disk protection.
SetScheduledUpdateSettings	Configure the schedule for when the disk protection applies available updates and runs maintenance scripts.
Uninstall	Uninstall disk protection.

### 3.5.4.1 GetFreeSpaceNeeded Operation

The **GetFreeSpaceNeeded** method requests the number of bytes free on the boot **partition** that need to be available in order to install disk protection. This operation **MUST** be authenticated by using Server Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="GetFreeSpaceNeeded">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/GetFreeSpaceNeeded"
    name="IMultiPointDiskProtection_GetFreeSpaceNeeded_InputMessage"
    message="tns:IMultiPointDiskProtection_GetFreeSpaceNeeded_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/GetFreeSpaceNeededR
    esponse" name="IMultiPointDiskProtection_GetFreeSpaceNeeded_OutputMessage"
    message="tns:IMultiPointDiskProtection_GetFreeSpaceNeeded_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
    name="WmsFaultType"
    message="tns:IMultiPointDiskProtection_GetFreeSpaceNeeded_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.5.4.1.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointDiskProtection_GetFreeSpaceNeeded_InputMessage	This message requests the amount of free disk space needed to install disk protection.
IMultiPointDiskProtection_GetFreeSpaceNeeded_OutputMessage	This message contains the amount of free disk space needed to install disk protection.
IMultiPointDiskProtection_GetFreeSpaceNeeded_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

##### 3.5.4.1.1.1 IMultiPointDiskProtection\_GetFreeSpaceNeeded\_InputMessage Message

A **WSDL message** containing the request for the **GetFreeSpaceNeeded WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/GetFreeSpaceNeeded
<wsdl:message name="IMultiPointDiskProtection_GetFreeSpaceNeeded_InputMessage">
  <wsdl:part name="GetFreeSpaceNeeded" element="tns:GetFreeSpaceNeeded"/>
</wsdl:message>
```

##### 3.5.4.1.1.2 IMultiPointDiskProtection\_GetFreeSpaceNeeded\_OutputMessage Message

A **WSDL message** containing the response for the **GetFreeSpaceNeeded WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/GetFreeSpaceNeededResponse
<wsdl:message name="IMultiPointDiskProtection_GetFreeSpaceNeeded_OutputMessage">
  <wsdl:part name="GetFreeSpaceNeededResponse" element="tns:GetFreeSpaceNeededResponse"/>
</wsdl:message>
```

### 3.5.4.1.1.3 IMultiPointDiskProtection\_GetFreeSpaceNeeded\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **GetFreeSpaceNeeded WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message
name="IMultiPointDiskProtection_GetFreeSpaceNeeded_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.5.4.1.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<GetFreeSpaceNeeded>	Input parameters element
<GetFreeSpaceNeededResponse>	Output data element

#### 3.5.4.1.2.1 GetFreeSpaceNeeded

```
<xsd:element name="GetFreeSpaceNeeded">
  <xsd:complexType/>
</xsd:element>
```

#### 3.5.4.1.2.2 GetFreeSpaceNeededResponse

```
<xsd:element name="GetFreeSpaceNeededResponse">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="pullFreeSpaceNeeded"
type="xsd:unsignedLong"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**pullFreeSpaceNeeded:** The amount of free space on the boot partition required to install disk protection.

### 3.5.4.1.3 Complex Types

None.

### 3.5.4.2 GetMode Operation

The **GetMode** method requests the current disk protection mode from the server. This operation MUST be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="GetMode">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/GetMode"
name="IMultiPointDiskProtection_GetMode_InputMessage"
message="tns:IMultiPointDiskProtection_GetMode_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/GetModeResponse"
name="IMultiPointDiskProtection_GetMode_OutputMessage"
message="tns:IMultiPointDiskProtection_GetMode_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
name="WmsFaultType"
message="tns:IMultiPointDiskProtection_GetMode_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.5.4.2.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointDiskProtection_GetMode_InputMessage	This message requests the current mode of disk protection on the server.
IMultiPointDiskProtection_GetMode_OutputMessage	This message contains the current mode of disk protection on the server.
IMultiPointDiskProtection_GetMode_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

##### 3.5.4.2.1.1 IMultiPointDiskProtection\_GetMode\_InputMessage Message

A **WSDL message** containing the request for the **GetMode WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/GetMode
<wsdl:message name="IMultiPointDiskProtection_GetMode_InputMessage">
  <wsdl:part name="GetMode" element="tns:GetMode"/>
</wsdl:message>
```

##### 3.5.4.2.1.2 IMultiPointDiskProtection\_GetMode\_OutputMessage Message

A **WSDL message** containing the response for the **GetMode WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/GetModeResponse
<wsdl:message name="IMultiPointDiskProtection_GetMode_OutputMessage">
```

```
<wsdl:part name="GetModeResponse" element="tns:GetModeResponse"/>
</wsdl:message>
```

### 3.5.4.2.1.3 IMultiPointDiskProtection\_GetMode\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **GetMode WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointDiskProtection_GetMode_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.5.4.2.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<GetMode>	Input parameters element
<GetModeResponse>	Output data element

#### 3.5.4.2.2.1 GetMode

```
<xsd:element name="GetMode">
  <xsd:complexType/>
</xsd:element>
```

#### 3.5.4.2.2.2 GetModeResponse

```
<xsd:element name="GetModeResponse">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="pdpm" type="xsd:unsignedInt"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**pdpm**: Disk protection mode is an unsigned integer with the following possible values: 1 = Passive; 2 = Discard.

#### 3.5.4.2.3 Complex Types

None.

### 3.5.4.3 GetScheduledUpdateSettings Operation

The **GetScheduledUpdateSettings** method gets the current configuration when updates are applied and maintenance is performed while disk protection is enabled. This operation **MUST** be authenticated by using Server Management Credentials (section [3.4.1](#)).

```

<wsdl:operation name="GetScheduledUpdateSettings">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/GetScheduledUpdateSettings"
  name="IMultiPointDiskProtection_GetScheduledUpdateSettings_InputMessage"
  message="tns:IMultiPointDiskProtection_GetScheduledUpdateSettings_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/GetScheduledUpdateSettingsResponse"
  name="IMultiPointDiskProtection_GetScheduledUpdateSettings_OutputMessage"
  message="tns:IMultiPointDiskProtection_GetScheduledUpdateSettings_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
  name="WmsFaultType"
  message="tns:IMultiPointDiskProtection_GetScheduledUpdateSettings_WmsFaultType_FaultMessage"/>
  </wsdl:operation>

```

### 3.5.4.3.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointDiskProtection_GetScheduledUpdateSettings_InputMessage	This message gets the current configuration of when updates are applied and maintenance is performed while disk protection is enabled.
IMultiPointDiskProtection_GetScheduledUpdateSettings_OutputMessage	Response message.
IMultiPointDiskProtection_GetScheduledUpdateSettings_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.5.4.3.1.1 IMultiPointDiskProtection\_GetScheduledUpdateSettings\_InputMessage Message

A **WSDL message** containing the request for the **GetScheduledUpdateSettings WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/GetScheduledUpdateSettings
<wsdl:message name="IMultiPointDiskProtection_GetScheduledUpdateSettings_InputMessage">
  <wsdl:part name="GetScheduledUpdateSettings" element="tns:GetScheduledUpdateSettings"/>
</wsdl:message>

```

#### 3.5.4.3.1.2 IMultiPointDiskProtection\_GetScheduledUpdateSettings\_OutputMessage Message

A **WSDL message** containing the response for the **GetScheduledUpdateSettings WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/GetScheduledUpdateSettingsResponse
<wsdl:message name="IMultiPointDiskProtection_GetScheduledUpdateSettings_OutputMessage">

```

```

    <wsdl:part name="GetScheduledUpdateSettingsResponse"
element="tns:GetScheduledUpdateSettingsResponse"/>
  </wsdl:message>

```

### 3.5.4.3.1.3 IMultiPointDiskProtection\_GetScheduledUpdateSettings\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **GetScheduledUpdateSettings WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message
name="IMultiPointDiskProtection_GetScheduledUpdateSettings_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>

```

### 3.5.4.3.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<GetScheduledUpdateSettings>	Input parameters element
<GetScheduledUpdateSettingsResponse>	Output data element

#### 3.5.4.3.2.1 GetScheduledUpdateSettings

```

<xsd:element name="GetScheduledUpdateSettings"
type="q1:GetScheduledUpdateSettingsRequestBody"/>

```

#### 3.5.4.3.2.2 GetScheduledUpdateSettingsResponse

```

<xsd:element name="GetScheduledUpdateSettingsResponse"
type="tns:GetScheduledUpdateSettingsResponseBody"/>

```

### 3.5.4.3.3 Complex Types

The following table summarizes the **XML Schema** complex type definitions that are specific to this operation.

Complex type	Description
<GetScheduledUpdateSettingsRequestBody>	XML supplying the input parameters
<GetScheduledUpdateSettingsResponseBody>	XML supplying the output parameters

#### 3.5.4.3.3.1 GetScheduledUpdateSettingsRequestBody

```
<xsd:complexType name="GetScheduledUpdateSettingsRequestBody"/>
```

### 3.5.4.3.3.2 GetScheduledUpdateSettingsResponseBody

```
<xsd:complexType name="GetScheduledUpdateSettingsResponseBody">  
  <xsd:sequence>  
    <xsd:element minOccurs="1" maxOccurs="1" name="peMode" type="xsd:unsignedInt"/>  
    <xsd:element minOccurs="1" maxOccurs="1" name="piScheduledUpdateStartHour"  
type="xsd:unsignedInt"/>  
    <xsd:element minOccurs="1" maxOccurs="1" name="pwsCustomScriptFullPath"  
type="xsd:string"/>  
    <xsd:element minOccurs="1" maxOccurs="1" name="pcMaxMinutesAllowedForCustomScript"  
type="xsd:unsignedInt"/>  
    <xsd:element minOccurs="1" maxOccurs="1" name="peReturnState"  
type="xsd:unsignedInt"/>  
  </xsd:sequence>  
</xsd:complexType>
```

**peMode:** Contains the following possible values:

Value	Meaning
0	Disabled
1	Script only
2	Script and windows updates

**piScheduledUpdateStartHour:** Contains the hour to start update process; possible values are 0-23.

**pwsCustomScriptFullPath:** Contains the path name of the maintenance script to run.

**pcMaxMinutesAllowedForCustomScript:** Contains the total number of minutes the script is allowed to run.

**peReturnState:** Contains the following possible values:

Value	Meaning
0	Shutdown
1	Last known state

### 3.5.4.4 Install Operation

The **Install** method requests that the server install disk protection. This operation **MUST** be authenticated by using Server Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="Install">  
  <wsdl:input  
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/Install"  
name="IMultiPointDiskProtection_Install_InputMessage"  
message="tns:IMultiPointDiskProtection_Install_InputMessage"/>  
  <wsdl:output  
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/InstallResponse"  
name="IMultiPointDiskProtection_Install_OutputMessage"  
message="tns:IMultiPointDiskProtection_Install_OutputMessage"/>
```



```

    <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
    name="WmsFaultType"
    message="tns:IMultiPointDiskProtection_Install_WmsFaultType_FaultMessage"/>
  </wsdl:operation>

```

### 3.5.4.4.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointDiskProtection_Install_InputMessage	This message requests that the server install disk protection.
IMultiPointDiskProtection_Install_OutputMessage	Response message.
IMultiPointDiskProtection_Install_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.5.4.4.1.1 IMultiPointDiskProtection\_Install\_InputMessage Message

A **WSDL message** containing the request for the **Install WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/Install
<wsdl:message name="IMultiPointDiskProtection_Install_InputMessage">
  <wsdl:part name="Install" element="tns:Install"/>
</wsdl:message>

```

#### 3.5.4.4.1.2 IMultiPointDiskProtection\_Install\_OutputMessage Message

A **WSDL message** containing the response for the **Install WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/InstallResponse
<wsdl:message name="IMultiPointDiskProtection_Install_OutputMessage">
  <wsdl:part name="InstallResponse" element="tns:InstallResponse"/>
</wsdl:message>

```

#### 3.5.4.4.1.3 IMultiPointDiskProtection\_Install\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **Install WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointDiskProtection_Install_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>

```

### 3.5.4.4.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<Install>	Input parameters element
<InstallResponse>	Output data element

#### 3.5.4.4.2.1 Install

```
<xsd:element name="Install">  
  <xsd:complexType/>  
</xsd:element>
```

#### 3.5.4.4.2.2 InstallResponse

```
<xsd:element name="InstallResponse">  
  <xsd:complexType/>  
</xsd:element>
```

#### 3.5.4.4.3 Complex Types

None.

#### 3.5.4.5 IsInstalled Operation

The **IsInstalled** method requests the current install state of disk protection on the server. This operation **MUST** be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="IsInstalled">  
  <wsdl:input  
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/IsInstalled"  
    name="IMultiPointDiskProtection_IsInstalled_InputMessage"  
    message="tns:IMultiPointDiskProtection_IsInstalled_InputMessage"/>  
  <wsdl:output  
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/IsInstalledResponse"  
    name="IMultiPointDiskProtection_IsInstalled_OutputMessage"  
    message="tns:IMultiPointDiskProtection_IsInstalled_OutputMessage"/>  
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"  
    name="WmsFaultType"  
    message="tns:IMultiPointDiskProtection_IsInstalled_WmsFaultType_FaultMessage"/>  
</wsdl:operation>
```

#### 3.5.4.5.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointDiskProtection_IsInstalled_InputMessage	This message requests the install state of disk protection on the server.

Message	Description
IMultiPointDiskProtection_IsInstalled_OutputMessage	This message contains the install state of disk protection on the server.
IMultiPointDiskProtection_IsInstalled_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

### 3.5.4.5.1.1 IMultiPointDiskProtection\_IsInstalled\_InputMessage Message

A **WSDL message** containing the request for the **IsInstalled WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/IsInstalled
<wsdl:message name="IMultiPointDiskProtection_IsInstalled_InputMessage">
  <wsdl:part name="IsInstalled" element="tns:IsInstalled"/>
</wsdl:message>
```

### 3.5.4.5.1.2 IMultiPointDiskProtection\_IsInstalled\_OutputMessage Message

A **WSDL message** containing the response for the **IsInstalled WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/IsInstalledResponse
<wsdl:message name="IMultiPointDiskProtection_IsInstalled_OutputMessage">
  <wsdl:part name="IsInstalledResponse" element="tns:IsInstalledResponse"/>
</wsdl:message>
```

### 3.5.4.5.1.3 IMultiPointDiskProtection\_IsInstalled\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **IsInstalled WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointDiskProtection_IsInstalled_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.5.4.5.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<IsInstalled>	Input parameters element
<IsInstalledResponse>	Output data element

### 3.5.4.5.2.1 IsInstalled

```
<xsd:element name="IsInstalled">
  <xsd:complexType/>
</xsd:element>
```

### 3.5.4.5.2.2 IsInstalledResponse

```
<xsd:element name="IsInstalledResponse">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="pfIsInstalled" type="xsd:boolean"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**pfIsInstalled:** Contains "true" if disk protection is installed on the server; otherwise "false".

### 3.5.4.5.3 Complex Types

None.

### 3.5.4.6 SetMode Operation

The **SetMode** method allows the disk protection mode of the server to be configured. This operation MUST be authenticated by using Server Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="SetMode">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/SetMode"
    name="IMultiPointDiskProtection_SetMode_InputMessage"
    message="tns:IMultiPointDiskProtection_SetMode_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/SetModeResponse"
    name="IMultiPointDiskProtection_SetMode_OutputMessage"
    message="tns:IMultiPointDiskProtection_SetMode_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
    name="WmsFaultType"
    message="tns:IMultiPointDiskProtection_SetMode_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.5.4.6.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointDiskProtection_SetMode_InputMessage	This message configures the disk protection mode of the server.
IMultiPointDiskProtection_SetMode_OutputMessage	Response message.
IMultiPointDiskProtection_SetMode_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

### 3.5.4.6.1.1 IMultiPointDiskProtection\_SetMode\_InputMessage Message

A **WSDL message** containing the request for the **SetMode WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/SetMode
<wsdl:message name="IMultiPointDiskProtection_SetMode_InputMessage">
  <wsdl:part name="SetMode" element="tns:SetMode"/>
</wsdl:message>
```

### 3.5.4.6.1.2 IMultiPointDiskProtection\_SetMode\_OutputMessage Message

A **WSDL message** containing the response for the **SetMode WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/SetModeResponse
<wsdl:message name="IMultiPointDiskProtection_SetMode_OutputMessage">
  <wsdl:part name="SetModeResponse" element="tns:SetModeResponse"/>
</wsdl:message>
```

### 3.5.4.6.1.3 IMultiPointDiskProtection\_SetMode\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **SetMode WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointDiskProtection_SetMode_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.5.4.6.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<SetMode>	Input parameters element
<SetModeResponse>	Output data element

#### 3.5.4.6.2.1 SetMode

```
<xsd:element name="SetMode">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="dpm" type="xsd:unsignedInt"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**dpm**: Disk protection mode is an unsigned integer with the following possible values: 1 = Passive; 2 = Discard.

### 3.5.4.6.2.2 SetModeResponse

```
<xsd:element name="SetModeResponse">
  <xsd:complexType/>
</xsd:element>
```

### 3.5.4.6.3 Complex Types

None.

### 3.5.4.7 SetScheduledUpdateSettings Operation

The **SetScheduledUpdateSettings** method configures when updates are applied and maintenance is performed while disk protection is enabled. This operation **MUST** be authenticated by using Server Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="SetScheduledUpdateSettings">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/SetScheduledUpdateSettings" name="IMultiPointDiskProtection_SetScheduledUpdateSettings_InputMessage"
message="tns:IMultiPointDiskProtection_SetScheduledUpdateSettings_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/SetScheduledUpdateSettingsResponse" name="IMultiPointDiskProtection_SetScheduledUpdateSettings_OutputMessage"
message="tns:IMultiPointDiskProtection_SetScheduledUpdateSettings_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointDiskProtection_SetScheduledUpdateSettings_WmsFaultType_FaultMessage"/>
  </wsdl:operation>
```

#### 3.5.4.7.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointDiskProtection_SetScheduledUpdateSettings_InputMessage	This message configures when updates are applied and maintenance is performed while disk protection is enabled.
IMultiPointDiskProtection_SetScheduledUpdateSettings_OutputMessage	Response message.
IMultiPointDiskProtection_SetScheduledUpdateSettings_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.5.4.7.1.1 IMultiPointDiskProtection\_SetScheduledUpdateSettings\_InputMessage Message

A **WSDL message** containing the request for the **SetScheduledUpdateSettings WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/SetScheduledUpdateSettings
<wsdl:message name="IMultiPointDiskProtection_SetScheduledUpdateSettings_InputMessage">
  <wsdl:part name="SetScheduledUpdateSettings" element="tns:SetScheduledUpdateSettings"/>
</wsdl:message>
```

### 3.5.4.7.1.2 IMultiPointDiskProtection\_SetScheduledUpdateSettings\_OutputMessage Message

A **WSDL message** containing the response for the **SetScheduledUpdateSettings WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/SetScheduledUpdateSettingsRe
sponse
<wsdl:message name="IMultiPointDiskProtection_SetScheduledUpdateSettings_OutputMessage">
  <wsdl:part name="SetScheduledUpdateSettingsResponse"
element="tns:SetScheduledUpdateSettingsResponse"/>
</wsdl:message>
```

### 3.5.4.7.1.3 IMultiPointDiskProtection\_SetScheduledUpdateSettings\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **SetScheduledUpdateSettings WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message
name="IMultiPointDiskProtection_SetScheduledUpdateSettings_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.5.4.7.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<SetScheduledUpdateSettings>	Input parameters element
<SetScheduledUpdateSettingsResponse>	Output data element

#### 3.5.4.7.2.1 SetScheduledUpdateSettings

```
<xsd:element name="SetScheduledUpdateSettings"
type="tns:SetScheduledUpdateSettingsRequestBody"/>
```

#### 3.5.4.7.2.2 SetScheduledUpdateSettingsResponse

```
<xsd:element name="SetScheduledUpdateSettingsResponse"
type="q1:SetScheduledUpdateSettingsResponseBody"/>
```

### 3.5.4.7.3 Complex Types

The following table summarizes the **XML Schema** complex type definitions that are specific to this operation.

Complex type	Description
<SetScheduledUpdateSettingsRequestBody>	XML supplying the input parameters
<SetScheduledUpdateSettingsResponseBody>	XML supplying the output parameters

#### 3.5.4.7.3.1 SetScheduledUpdateSettingsRequestBody

```
<xsd:complexType name="SetScheduledUpdateSettingsRequestBody">
  <xsd:sequence>
    <xsd:element minOccurs="1" maxOccurs="1" name="eMode" type="xsd:unsignedInt"/>
    <xsd:element minOccurs="1" maxOccurs="1" name="iScheduledUpdateStartHour"
type="xsd:unsignedInt"/>
    <xsd:element minOccurs="1" maxOccurs="1" name="wsCustomScriptFullPath"
type="xsd:string"/>
    <xsd:element minOccurs="1" maxOccurs="1" name="cMaxMinutesAllowedForCustomScript"
type="xsd:unsignedInt"/>
    <xsd:element minOccurs="1" maxOccurs="1" name="eReturnState" type="xsd:unsignedInt"/>
  </xsd:sequence>
</xsd:complexType>
```

**eMode:** Contains the following possible values:

Value	Meaning
0	Disabled
1	Script only
2	Script and windows updates

**iScheduledUpdateStartHour:** Contains the hour to start the update process; possible values are 0–23.

**wsCustomScriptFullPath:** Contains the path name of the maintenance script to run.

**cMaxMinutesAllowedForCustomScript:** Contains the total number of minutes the script is allowed to run.

**eReturnState:** Contains the following possible values:

Value	Meaning
0	Shutdown
1	Last known state



### 3.5.4.7.3.2 SetScheduledUpdateSettingsResponseBody

```
<xsd:complexType name="SetScheduledUpdateSettingsResponseBody"/>
```

### 3.5.4.8 Uninstall Operation

The **Uninstall** method requests that the server uninstall disk protection. This operation **MUST** be authenticated by using Server Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="Uninstall">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/Uninstall"
name="IMultiPointDiskProtection_Uninstall_InputMessage"
message="tns:IMultiPointDiskProtection_Uninstall_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/UninstallResponse"
name="IMultiPointDiskProtection_Uninstall_OutputMessage"
message="tns:IMultiPointDiskProtection_Uninstall_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
name="WmsFaultType"
message="tns:IMultiPointDiskProtection_Uninstall_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.5.4.8.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointDiskProtection_Uninstall_InputMessage	This message requests the server uninstall disk protection.
IMultiPointDiskProtection_Uninstall_OutputMessage	This message contains the current Uninstall Disk Protection Stage.
IMultiPointDiskProtection_Uninstall_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

##### 3.5.4.8.1.1 IMultiPointDiskProtection\_Uninstall\_InputMessage Message

A **WSDL message** containing the request for Uninstall **WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/Uninstall
<wsdl:message name="IMultiPointDiskProtection_Uninstall_InputMessage">
  <wsdl:part name="Uninstall" element="tns:Uninstall"/>
</wsdl:message>
```

##### 3.5.4.8.1.2 IMultiPointDiskProtection\_Uninstall\_OutputMessage Message

A **WSDL message** containing the response for Uninstall **WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/UninstallResponse
<wsdl:message name="IMultiPointDiskProtection_Uninstall_OutputMessage">
  <wsdl:part name="UninstallResponse" element="tns:UninstallResponse"/>
</wsdl:message>
```

### 3.5.4.8.1.3 IMultiPointDiskProtection\_Uninstall\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for Uninstall **WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointDiskProtection_Uninstall_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.5.4.8.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<Uninstall>	Input parameters element
<UninstallResponse>	Output data element

#### 3.5.4.8.2.1 Uninstall

```
<xsd:element name="Uninstall">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="udps" type="xsd:unsignedInt"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**udps:** The uninstall disk protection stage is an unsigned integer with the following possible values: 1 = Uninstall, 2 = Post Uninstall, or 3 = Delayed Uninstall Allowed.

#### 3.5.4.8.2.2 UninstallResponse

```
<xsd:element name="UninstallResponse">
  <xsd:complexType/>
</xsd:element>
```

#### 3.5.4.8.3 Complex Types

None.

### 3.5.5 Timer Events

None.

### 3.5.6 Other Local Events

None.

## 3.6 IMultiPointServer Server Details

The IMultiPointServer endpoint is a collection of APIs that apply to the server as a whole, not a specific station or session.

### 3.6.1 Abstract Data Model

This section describes a conceptual model of possible data organization that an implementation maintains to participate in this algorithm. The described organization is provided to facilitate the explanation of how the algorithm behaves. This document does not mandate that implementations adhere to this model as long as their external behavior is consistent with that described in this document.

The server MUST supply an **X.509** certificate for the purpose of server identification and to be used by the client and server to encrypt **SOAP** requests/responses.

The server MUST create and securely store a random password to be used to authenticate API requests.

### 3.6.2 Timers

None.

### 3.6.3 Initialization

None.

### 3.6.4 Message Processing Events and Sequencing Rules

The following table summarizes the list of operations as defined by this protocol.

Operation	Description
EnableChat	Enable/Disable the chat feature on a system-wide basis.
EnableVirtualIpPerSession	Enable/disable unique IP address per remote desktop session on the server.
GetAllSessions	Retrieve information about all Windows sessions currently on the server.
GetClientVersion	Get the version of MultiPoint Connector installed on the server.
GetLicenseCount	Get the count of available terminal services client access licences from the server.
GetManagedSystemsType	Get the MultiPoint system type of the server.
GetNetJoinStatus	Get the workgroup or domain name of the server.
GetPeerWmsConnectorList	Get a array of known MultiPoint Connector machines and their

Operation	Description
	corresponding IP addresses from the server.
GetPeerWmsServerList	Get a array of known MultiPoint Services machines and their corresponding IP addresses from the server.
GetReplacementSslCertificate	Get the <b>X.509</b> certificate that will be used to replace the current certificate when it expires.
GetServerVersion	Get the version of MultiPoint Services installed on the server.
GetSystemAlertStatus	Get the MultiPoint System Alert status for a specific alert type from the server.
GetSystemMode	Determine if the system is in single or multistation mode.
GetUseHardwareGpu	Get the current graphics rendering configuration.
GetVirtualMachineHostname	Get the virtual machine host machine's host name.
GetVirtualMachineIpAddress	Get the IP address of a virtual machine hosted on the server.
GetWmsWebLimiting	Get the current web limiting configuration.
IsAdminOrchestrationMode	Get the current admin accounts subject to orchestration, monitoring, and management of the accounts.
IsBootToConsoleMode	Get the current boot-to-console mode configuration of the server.
IsChatEnabled	Get the current chat feature configuration.
IsDesktopMonitoringAllowed	Get the current desktop monitoring configuration of the server.
IsHypervisorPresent	Ask server if it is running under a hypervisor.
IsSingleSessionPerUser	Get single session per user feature enable state.
IsSuppressPrivacyNotificationSet	Determine if the privacy notice has been disabled.
IsVirtualIpPerSessionEnabled	Get virtual IP address per session feature enable state.
LoadWindowsEdition	Get the operating system edition string.
Reboot	Request that the server reboot.
RegisterChatEventSink	Register the client to receive MultiPoint Chat events from the server.
RegisterCoreEventSink	Register the client to receive MultiPoint Core events from the server.
SetAdminOrchestrationMode	Enable/disable admin accounts that are subject to orchestration.
SetBlockAllMessage	Block all stations with the specified message.
SetBootToConsoleMode	Enable/disable boot-to-console mode on the server.
SetDesktopMonitoring	Enable/disable desktop monitoring on the server.
SetReplacementSslCertificate	Update server with the client's <b>SSL</b> certificate if the old certificate is expiring.
SetSingleSessionPerUser	Enable/disable single session per user on the server.
SetSuppressPrivacyNotification	Enable/disable the display of the privacy notice.

Operation	Description
SetUseHardwareGpu	Enable/disable usage of the hardware <b>graphics processing unit (GPU)</b> for rendering.
Shutdown	Request that the server shut down.
UnregisterChatEventSink	Request that the server no longer forward MultiPoint Chat events.
UnregisterCoreEventSink	Request that the server no longer forward MultiPoint Core events.
ValidateAutoLogonAccount	Request that the server validate the supplied user credentials.

### 3.6.4.1 GetAllSessions Operation

The **GetAllSessions** method requests information about all Windows sessions on the server. This operation **MUST** be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="GetAllSessions">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetAllSessions"
    name="IMultiPointServer_GetAllSessions_InputMessage"
    message="tns:IMultiPointServer_GetAllSessions_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetAllSessionsResponse"
    name="IMultiPointServer_GetAllSessions_OutputMessage"
    message="tns:IMultiPointServer_GetAllSessions_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointServer_GetAllSessions_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.6.4.1.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_GetAllSessions_InputMessage	This message requests information about all Windows sessions on the server.
IMultiPointServer_GetAllSessions_OutputMessage	This message contains information about all Windows sessions on the server.
IMultiPointServer_GetAllSessions_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

##### 3.6.4.1.1.1 IMultiPointServer\_GetAllSessions\_InputMessage Message

A **WSDL message** containing the request for the **GetAllSessions WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/GetAllSessions
```

```
<wsdl:message name="IMultiPointServer_GetAllSessions_InputMessage">
  <wsdl:part name="GetAllSessions" element="tns:GetAllSessions"/>
</wsdl:message>
```

### 3.6.4.1.1.2 IMultiPointServer\_GetAllSessions\_OutputMessage Message

A **WSDL message** containing the response for the **GetAllSessions WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/GetAllSessionsResponse
<wsdl:message name="IMultiPointServer_GetAllSessions_OutputMessage">
  <wsdl:part name="GetAllSessionsResponse" element="tns:GetAllSessionsResponse"/>
</wsdl:message>
```

### 3.6.4.1.1.3 IMultiPointServer\_GetAllSessions\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **GetAllSessions WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointServer_GetAllSessions_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.6.4.1.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<GetAllSessions>	Input parameters element
<GetAllSessionsResponse>	Output data element

#### 3.6.4.1.2.1 GetAllSessions

```
<xsd:element name="GetAllSessions" type="q1:GetAllSessionsRequestBody"/>
```

#### 3.6.4.1.2.2 GetAllSessionsResponse

```
<xsd:element name="GetAllSessionsResponse" type="tns:GetAllSessionsResponseBody"/>
```

#### 3.6.4.1.3 Complex Types

The following table summarizes the **XML Schema** complex type definitions that are specific to this operation.

Complex type	Description
<GetAllSessionsRequestBody>	XML supplying the input parameters
<GetAllSessionsResponseBody>	XML supplying the output parameters
<WMS_SESSION_INFO_WS>	XML containing information about a Windows session
<ArrayOfWMS_SESSION_INFO_WS>	XML containing an array of zero or more elements of type tns:WMS_SESSION_INFO_WS

### 3.6.4.1.3.1 GetAllSessionsRequestBody

```
<xsd:complexType name="GetAllSessionsRequestBody"/>
```

### 3.6.4.1.3.2 GetAllSessionsResponseBody

```
<xsd:complexType name="GetAllSessionsResponseBody">
  <xsd:sequence>
    <xsd:element minOccurs="1" maxOccurs="1" name="pcSessionInfo" type="xsd:int"/>
    <xsd:element minOccurs="1" maxOccurs="1" name="prgWmsSessionInfoWs"
type="tns:ArrayOfWMS_SESSION_INFO_WS"/>
  </xsd:sequence>
</xsd:complexType>
```

**pcSessionInfo:** Contains the count of session info structures returned.

**prgWmsSessionInfoWs:** Contains an array of **WMS\_SESSION\_INFO\_WS** structures (section [3.6.4.1.3.3](#)).

### 3.6.4.1.3.3 WMS\_SESSION\_INFO\_WS

The **WMS\_SESSION\_INFO\_WS** complex type is XML containing data about a Windows session.

```
<xsd:complexType name="WMS_SESSION_INFO_WS">
  <xsd:sequence>
    <xsd:element minOccurs="1" maxOccurs="1" name="id" type="xsd:unsignedLong"/>
    <xsd:element minOccurs="1" maxOccurs="1" name="state" type="xsd:unsignedInt"/>
    <xsd:element minOccurs="1" maxOccurs="1" name="wsUserName" type="xsd:string"/>
    <xsd:element minOccurs="1" maxOccurs="1" name="wsDomain" type="xsd:string"/>
    <xsd:element minOccurs="1" maxOccurs="1" name="wsWinStation" type="xsd:string"/>
    <xsd:element minOccurs="1" maxOccurs="1" name="fIsRail" type="xsd:boolean"/>
  </xsd:sequence>
</xsd:complexType>
```

**id:** Contains the remote desktop session ID.

**state:** The possible values of the states are as follows:

Value	State Name	Meaning
0	WTSAActive	A user is logged on to the Windows Station (WinStation). For more information on Windows Station see <a href="#">[MSDN-WinStation]</a> .
1	WTSCConnected	The WinStation is connected to the client.
2	WTSCConnectQuery	The WinStation is in the process of connecting to the client.

Value	State Name	Meaning
3	WTSShadow	The WinStation is shadowing another WinStation.
4	WTSDisconnected	The WinStation is active but the client is disconnected.
5	WTSTIdle	The WinStation is waiting for a client to connect.
6	WTSTListen	The WinStation is listening for a connection. A listener session waits for requests for new client connections. No user is logged on a listener session. A listener session cannot be reset, shadowed, or changed to a regular client session.
7	WTSReset	The WinStation is being reset.
8	WTSDown	The WinStation is down due to an error.
9	WTSInit	The WinStation is initializing.

**wsUserName:** Contains the user name of the user logged in to the session.

**wsDomain:** Contains the domain name of the session.

**wsWinStation:** Contains the WinStation ID of the session.

**fiIsRail:** Contains "true" if the session is a RAIL session.

#### 3.6.4.1.3.4 ArrayOfWMS\_SESSION\_INFO\_WS

The **ArrayOfWMS\_SESSION\_INFO\_WS** complex type is an array of zero or more elements of type `tns:WMS_SESSION_INFO_WS`.<3>

```
<xsd:complexType name="ArrayOfWMS_SESSION_INFO_WS">
  <xsd:sequence>
    <xsd:element minOccurs="0" maxOccurs="unbounded" name="prgWmsSessionInfoWs"
type="tns:WMS_SESSION_INFO_WS" />
  </xsd:sequence>
</xsd:complexType>
```

**prgWmsSessionInfoWs:** Array of zero or more `WMS_SESSION_INFO_WS` structures.

#### 3.6.4.1.4 Simple Types

None.

#### 3.6.4.2 GetClientVersion Operation

The **GetClientVersion** method requests the version string of the MultiPoint Connector installed on the server. This operation MUST be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="GetClientVersion">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetClientVersion"
name="IMultiPointServer_GetClientVersion_InputMessage"
message="tns:IMultiPointServer_GetClientVersion_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetClientVersionResponse"
name="IMultiPointServer_GetClientVersion_OutputMessage"
message="tns:IMultiPointServer_GetClientVersion_OutputMessage"/>
```



```

    <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointServer_GetClientVersion_WmsFaultType_FaultMessage"/>
  </wsdl:operation>

```

### 3.6.4.2.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_GetClientVersion_InputMessage	This message requests the version of the MultiPoint Connector that is installed on the server.
IMultiPointServer_GetClientVersion_OutputMessage	This message contains the version of the MultiPoint Connector that is installed on the server.
IMultiPointServer_GetClientVersion_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.6.4.2.1.1 IMultiPointServer\_GetClientVersion\_InputMessage Message

A **WSDL message** containing the request for the **GetClientVersion WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointServer/GetClientVersion
<wsdl:message name="IMultiPointServer_GetClientVersion_InputMessage">
  <wsdl:part name="GetClientVersion" element="tns:GetClientVersion"/>
</wsdl:message>

```

#### 3.6.4.2.1.2 IMultiPointServer\_GetClientVersion\_OutputMessage Message

A **WSDL message** containing the response for the **GetClientVersion WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointServer/GetClientVersionResponse
<wsdl:message name="IMultiPointServer_GetClientVersion_OutputMessage">
  <wsdl:part name="GetClientVersionResponse" element="tns:GetClientVersionResponse"/>
</wsdl:message>

```

#### 3.6.4.2.1.3 IMultiPointServer\_GetClientVersion\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **GetClientVersion WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointServer_GetClientVersion_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>

```

### 3.6.4.2.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<GetClientVersion>	Input parameters element
<GetClientVersionResponse>	Output data element

#### 3.6.4.2.2.1 GetClientVersion

```
<xsd:element name="GetClientVersion" type="q1:GetClientVersionRequestBody"/>
```

#### 3.6.4.2.2.2 GetClientVersionResponse

```
<xsd:element name="GetClientVersionResponse" type="tns:GetClientVersionResponseBody"/>
```

### 3.6.4.2.3 Complex Types

The following table summarizes the **XML Schema** complex type definitions that are specific to this operation.

Complex type	Description
<GetClientVersionRequestBody>	XML supplying the input parameters
<GetClientVersionResponseBody>	XML supplying the output parameters

#### 3.6.4.2.3.1 GetClientVersionRequestBody

```
<xsd:complexType name="GetClientVersionRequestBody"/>
```

#### 3.6.4.2.3.2 GetClientVersionResponseBody

```
<xsd:complexType name="GetClientVersionResponseBody">  
  <xsd:sequence>  
    <xsd:element minOccurs="0" maxOccurs="1" name="pwsVersion" type="xsd:string"/>  
  </xsd:sequence>  
</xsd:complexType>
```

**pwsVersion:** Contains the version string of the MultiPoint Connector.

### 3.6.4.3 GetPeerWmsServerList Operation

The **GetPeerWmsServerList** method requests a list of MultiPoint Services host names and their corresponding IP addresses from the server. This operation **MUST** be authenticated by using Server Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="GetPeerWmsServerList">
```

```

    <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetPeerWmsServerList"
name="IMultiPointServer_GetPeerWmsServerList_InputMessage"
message="tns:IMultiPointServer_GetPeerWmsServerList_InputMessage"/>
    <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetPeerWmsServerListResponse"
name="IMultiPointServer_GetPeerWmsServerList_OutputMessage"
message="tns:IMultiPointServer_GetPeerWmsServerList_OutputMessage"/>
    <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointServer_GetPeerWmsServerList_WmsFaultType_FaultMessage"/>
</wsdl:operation>

```

### 3.6.4.3.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_GetPeerWmsServerList_InputMessage	This message requests a list of known Multipoint Services machines and their corresponding IP addresses.
IMultiPointServer_GetPeerWmsServerList_OutputMessage	This message contains a list of known Multipoint Services machines and their corresponding IP addresses.
IMultiPointServer_GetPeerWmsServerList_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.6.4.3.1.1 IMultiPointServer\_GetPeerWmsServerList\_InputMessage Message

A **WSDL message** containing the request for the **GetPeerWmsServerList WSDL operation**.

The **SOAP** action value is:

```

http://MultiPoint/RemoteManagement/IMultiPointServer/GetPeerWmsServerList
<wsdl:message name="IMultiPointServer_GetPeerWmsServerList_InputMessage">
  <wsdl:part name="GetPeerWmsServerList" element="tns:GetPeerWmsServerList"/>
</wsdl:message>

```

#### 3.6.4.3.1.2 IMultiPointServer\_GetPeerWmsServerList\_OutputMessage Message

A **WSDL message** containing the response for the **GetPeerWmsServerList WSDL operation**.

The **SOAP** action value is:

```

http://MultiPoint/RemoteManagement/IMultiPointServer/GetPeerWmsServerListResponse
<wsdl:message name="IMultiPointServer_GetPeerWmsServerList_OutputMessage">
  <wsdl:part name="GetPeerWmsServerListResponse" element="tns:GetPeerWmsServerListResponse"/>
</wsdl:message>

```

#### 3.6.4.3.1.3 IMultiPointServer\_GetPeerWmsServerList\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **GetPeerWmsServerList WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointServer_GetPeerWmsServerList_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.6.4.3.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<GetPeerWmsServerList>	Input parameters element
<GetPeerWmsServerListResponse>	Output data element

#### 3.6.4.3.2.1 GetPeerWmsServerList

```
<xsd:element name="GetPeerWmsServerList" type="q1:GetPeerWmsServerListRequestBody"/>
```

#### 3.6.4.3.2.2 GetPeerWmsServerListResponse

```
<xsd:element name="GetPeerWmsServerListResponse"
type="tns:GetPeerWmsServerListResponseBody"/>
```

### 3.6.4.3.3 Complex Types

The following table summarizes the **XML Schema** complex type definitions that are specific to this operation.

Complex type	Description
<GetPeerWmsServerListRequestBody>	XML supplying the input parameters
<GetPeerWmsServerListResponseBody>	XML supplying the output parameters

#### 3.6.4.3.3.1 GetPeerWmsServerListRequestBody

```
<xsd:complexType name="GetPeerWmsServerListRequestBody"/>
```

#### 3.6.4.3.3.2 GetPeerWmsServerListResponseBody

```
<xsd:complexType name="GetPeerWmsServerListResponseBody">
  <xsd:sequence>
    <xsd:element minOccurs="0" maxOccurs="1" name="prgwsIpAddressList"
type="xsd:ArrayOfStrings"/>
    <xsd:element minOccurs="0" maxOccurs="1" name="prgwsServerList" type="xsd:ArrayOfStrings"
"/>
  </xsd:sequence>
```

```
</xsd:complexType>
```

**prgwsIpAddressList:** Contains an array of IP address strings.

**prgwsServerList:** Contains a list of host names with the MultiPoint Services installed.

### 3.6.4.4 GetPeerWmsConnectorList Operation

The **GetPeerWmsConnectorList** method requests a list of MultiPoint Connector host names and their corresponding IP addresses from the server. This operation **MUST** be authenticated by using Server Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="GetPeerWmsConnectorList">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetPeerWmsConnectorList"
    name="IMultiPointServer_GetPeerWmsConnectorList_InputMessage"
    message="tns:IMultiPointServer_GetPeerWmsConnectorList_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetPeerWmsConnectorListResp
onse" name="IMultiPointServer_GetPeerWmsConnectorList_OutputMessage"
    message="tns:IMultiPointServer_GetPeerWmsConnectorList_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointServer_GetPeerWmsConnectorList_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.6.4.4.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_GetPeerWmsConnectorList_InputMessage	This message requests a list of known Multipoint Connector machines and their corresponding IP addresses.
IMultiPointServer_GetPeerWmsConnectorList_OutputMessage	This message contains a list of known Multipoint Connector machines and their corresponding IP addresses.
IMultiPointServer_GetPeerWmsConnectorList_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

##### 3.6.4.4.1.1 IMultiPointServer\_GetPeerWmsConnectorList\_InputMessage Message

A **WSDL message** containing the request for the **GetPeerWmsConnectorList WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/GetPeerWmsConnectorList
<wsdl:message name="IMultiPointServer_GetPeerWmsConnectorList_InputMessage">
  <wsdl:part name="GetPeerWmsConnectorList" element="tns:GetPeerWmsConnectorList"/>
</wsdl:message>
```

##### 3.6.4.4.1.2 IMultiPointServer\_GetPeerWmsConnectorList\_OutputMessage Message

A **WSDL message** containing the response for the **GetPeerWmsConnectorList WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/GetPeerWmsConnectorListResponse
<wsdl:message name="IMultiPointServer_GetPeerWmsConnectorList_OutputMessage">
  <wsdl:part name="GetPeerWmsConnectorListResponse"
    element="tns:GetPeerWmsConnectorListResponse"/>
</wsdl:message>
```

### 3.6.4.4.1.3 IMultiPointServer\_GetPeerWmsConnectorList\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **GetPeerWmsConnectorList WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointServer_GetPeerWmsConnectorList_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.6.4.4.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<GetPeerWmsConnectorList>	Input parameters element
<GetPeerWmsConnectorListResponse>	Output data element

#### 3.6.4.4.2.1 GetPeerWmsConnectorList

```
<xsd:element name="GetPeerWmsConnectorList" type="q1:GetPeerWmsConnectorListRequestBody"/>
```

#### 3.6.4.4.2.2 GetPeerWmsConnectorListResponse

```
<xsd:element name="GetPeerWmsConnectorListResponse"
  type="tns:GetPeerWmsConnectorListResponseBody"/>
```

### 3.6.4.4.3 Complex Types

The following table summarizes the **XML Schema** complex type definitions that are specific to this operation.

Complex type	Description
<GetPeerWmsConnectorListRequestBody>	XML supplying the input parameters
<GetPeerWmsConnectorListResponseBody>	XML supplying the output parameters

### 3.6.4.4.3.1 GetPeerWmsConnectorListRequestBody

```
<xsd:complexType name="GetPeerWmsConnectorListRequestBody"/>
```

### 3.6.4.4.3.2 GetPeerWmsConnectorListResponseBody

```
<xsd:complexType name="GetPeerWmsConnectorListResponseBody">  
  <xsd:sequence>  
    <xsd:element minOccurs="0" maxOccurs="1" name="prgwsIpAddressList"  
type="xsd:ArrayOfStrings"/>  
    <xsd:element minOccurs="0" maxOccurs="1" name="prgwsConnectorList" type="xsd:  
ArrayOfStrings"/>  
  </xsd:sequence>  
</xsd:complexType>
```

**prgwsIpAddressList:** Contains an array of IP address strings.

**prgwsConnectorList:** Contains an array of MultiPoint Connector host names.

### 3.6.4.5 GetServerVersion Operation

The **GetServerVersion** method requests the version of MultiPoint Services installed on the server. This operation MUST be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="GetServerVersion">  
  <wsdl:input  
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetServerVersion"  
name="IMultiPointServer_GetServerVersion_InputMessage"  
message="tns:IMultiPointServer_GetServerVersion_InputMessage"/>  
  <wsdl:output  
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetServerVersionResponse"  
name="IMultiPointServer_GetServerVersion_OutputMessage"  
message="tns:IMultiPointServer_GetServerVersion_OutputMessage"/>  
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"  
message="tns:IMultiPointServer_GetServerVersion_WmsFaultType_FaultMessage"/>  
</wsdl:operation>
```

#### 3.6.4.5.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_GetServerVersion_InputMessage	This message requests the version of MultiPoint Services installed on the server
IMultiPointServer_GetServerVersion_OutputMessage	This message contains the version of MultiPoint Services installed on the server.
IMultiPointServer_GetServerVersion_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.6.4.5.1.1 IMultiPointServer\_GetServerVersion\_InputMessage Message

A **WSDL message** containing the request for the **GetServerVersion WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/GetServerVersion
<wsdl:message name="IMultiPointServer_GetServerVersion_InputMessage">
  <wsdl:part name="GetServerVersion" element="tns:GetServerVersion"/>
</wsdl:message>
```

### 3.6.4.5.1.2 IMultiPointServer\_GetServerVersion\_OutputMessage Message

A **WSDL message** containing the response for the **GetServerVersion WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/GetServerVersionResponse
<wsdl:message name="IMultiPointServer_GetServerVersion_OutputMessage">
  <wsdl:part name="GetServerVersionResponse" element="tns:GetServerVersionResponse"/>
</wsdl:message>
```

### 3.6.4.5.1.3 IMultiPointServer\_GetServerVersion\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **GetServerVersion WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointServer_GetServerVersion_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

## 3.6.4.5.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<GetServerVersion>	Input parameters element
<GetServerVersionResponse>	Output data element

### 3.6.4.5.2.1 GetServerVersion

```
<xsd:element name="GetServerVersion" type="q1:GetServerVersionRequestBody"/>
```

### 3.6.4.5.2.2 GetServerVersionResponse

```
<xsd:element name="GetServerVersionResponse" type="tns:GetServerVersionResponseBody"/>
```

## 3.6.4.5.3 Complex Types

The following table summarizes the **XML Schema** complex type definitions that are specific to this operation.



Complex type	Description
<GetServerVersionRequestBody>	XML supplying the input parameters
<GetServerVersionResponseBody>	XML supplying the output parameters

### 3.6.4.5.3.1 GetServerVersionRequestBody

```
<xsd:complexType name="GetServerVersionRequestBody"/>
```

### 3.6.4.5.3.2 GetServerVersionResponseBody

```
<xsd:complexType name="GetServerVersionResponseBody">
  <xsd:sequence>
    <xsd:element minOccurs="0" maxOccurs="1" name="pwsVersion" type="xsd:string"/>
  </xsd:sequence>
</xsd:complexType>
```

**pwsVersion:** Contains the version of the MultiPoint Services installed on the server.

### 3.6.4.6 GetSystemAlertStatus Operation

The **GetSystemAlertStatus** method requests the status of a particular MultiPoint System Alert from the server. This operation MUST be authenticated by using the Server Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="GetSystemAlertStatus">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetSystemAlertStatus"
    name="IMultiPointServer_GetSystemAlertStatus_InputMessage"
    message="tns:IMultiPointServer_GetSystemAlertStatus_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetSystemAlertStatusResponse"
    name="IMultiPointServer_GetSystemAlertStatus_OutputMessage"
    message="tns:IMultiPointServer_GetSystemAlertStatus_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointServer_GetSystemAlertStatus_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.6.4.6.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_GetSystemAlertStatus_InputMessage	This message requests the status of a particular MultiPoint System Alert.
IMultiPointServer_GetSystemAlertStatus_OutputMessage	This message contains the status of a particular MultiPoint System Alert.
IMultiPointServer_GetSystemAlertStatus_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.6.4.6.1.1 IMultiPointServer\_GetSystemAlertStatus\_InputMessage Message

A **WSDL** message containing the request for the **GetSystemAlertStatus WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/GetSystemAlertStatus
<wsdl:message name="IMultiPointServer_GetSystemAlertStatus_InputMessage">
  <wsdl:part name="GetSystemAlertStatus" element="tns:GetSystemAlertStatus"/>
</wsdl:message>
```

#### 3.6.4.6.1.2 IMultiPointServer\_GetSystemAlertStatus\_OutputMessage Message

A **WSDL message** containing the response for the **GetSystemAlertStatus WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/GetSystemAlertStatusResponse
<wsdl:message name="IMultiPointServer_GetSystemAlertStatus_OutputMessage">
  <wsdl:part name="GetSystemAlertStatusResponse" element="tns:GetSystemAlertStatusResponse"/>
</wsdl:message>
```

#### 3.6.4.6.1.3 IMultiPointServer\_GetSystemAlertStatus\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **GetSystemAlertStatus WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointServer_GetSystemAlertStatus_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

#### 3.6.4.6.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<GetSystemAlertStatus>	Input parameters element
<GetSystemAlertStatusResponse>	Output data element

#### 3.6.4.6.2.1 GetSystemAlertStatus

```
<xsd:element name="GetSystemAlertStatus">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="eType" type="xsd:unsignedInt"/>
    </xsd:sequence>
  </xsd:complexType>
```

```
</xsd:element>
```

**eType:** Contains an unsigned integer with the following possible values:

Value	Meaning
0	Standard VGA Adapter Only
1	No potential station hubs
2	Safe mode
3	Keyboard or mouse on root hub
4	Monitors without potential station hubs
5	Disk protection first threshold crossed
6	Disk protection second threshold crossed

### 3.6.4.6.2.2 GetSystemAlertStatusResponse

```
<xsd:element name="GetSystemAlertStatusResponse">  
  <xsd:complexType>  
    <xsd:sequence>  
      <xsd:element minOccurs="0" maxOccurs="1" name="peSeverity" type="xsd:unsignedInt"/>  
      <xsd:element minOccurs="0" maxOccurs="1" name="peStatus" type="xsd:unsignedInt"/>  
    </xsd:sequence>  
  </xsd:complexType>  
</xsd:element>
```

**peSeverity:** An unsigned integer with the following possible values:

Value	Meaning
0	unknown
1	yellow
2	red
3	fatal

**peStatus:** An unsigned integer with the following possible values:

Value	Meaning
0	cleared
1	set
2	no change

### 3.6.4.6.3 Complex Types

None.

### 3.6.4.7 GetSystemMode Operation

The **GetSystemMode** method requests the server's current mode of operation. This operation MUST be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="GetSystemMode">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetSystemMode"
    name="IMultiPointServer_GetSystemMode_InputMessage"
    message="tns:IMultiPointServer_GetSystemMode_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetSystemModeResponse"
    name="IMultiPointServer_GetSystemMode_OutputMessage"
    message="tns:IMultiPointServer_GetSystemMode_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointServer_GetSystemMode_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.6.4.7.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_GetSystemMode_InputMessage	This message requests the current system mode of the server.
IMultiPointServer_GetSystemMode_OutputMessage	This message contains the current system mode of the server.
IMultiPointServer_GetSystemMode_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

##### 3.6.4.7.1.1 IMultiPointServer\_GetSystemMode\_InputMessage Message

A **WSDL message** containing the request for the **GetSystemMode WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/GetSystemMode
<wsdl:message name="IMultiPointServer_GetSystemMode_InputMessage">
  <wsdl:part name="GetSystemMode" element="tns:GetSystemMode"/>
</wsdl:message>
```

##### 3.6.4.7.1.2 IMultiPointServer\_GetSystemMode\_OutputMessage Message

A **WSDL message** containing the response for the **GetSystemMode WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/GetSystemModeResponse
<wsdl:message name="IMultiPointServer_GetSystemMode_OutputMessage">
  <wsdl:part name="GetSystemModeResponse" element="tns:GetSystemModeResponse"/>
</wsdl:message>
```

```
</wsdl:message>
```

### 3.6.4.7.1.3 IMultiPointServer\_GetSystemMode\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **GetSystemMode WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointServer_GetSystemMode_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.6.4.7.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<GetSystemMode>	Input parameters element
<GetSystemModeResponse>	Output data element

#### 3.6.4.7.2.1 GetSystemMode

```
<xsd:element name="GetSystemMode">
  <xsd:complexType/>
</xsd:element>
```

#### 3.6.4.7.2.2 GetSystemModeResponse

```
<xsd:element name="GetSystemModeResponse">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="0" maxOccurs="1" name="peType" type="xsd:unsignedInt"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**peType:** Contains an unsigned integer with the following possible values:

Value	Meaning
0	MultiStation
1	Maintenance/console

#### 3.6.4.7.3 Complex Types

None.

### 3.6.4.8 GetUseHardwareGpu Operation

The **GetUseHardwareGpu**[<4>](#) method requests that the server return its current **GPU** for graphics rendering configuration. This operation **MUST** be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="GetUseHardwareGpu">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetUseHardwareGpu "
    name="IMultiPointServer_GetUseHardwareGpu_InputMessage" message="tns:IMultiPointServer_
    GetUseHardwareGpu _InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetUseHardwareGpuResponse"
    name="IMultiPointServer_GetUseHardwareGpu_OutputMessage"
    message="tns:IMultiPointServer_GetUseHardwareGpu_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointServer_GetUseHardwareGpu_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.6.4.8.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_GetUseHardwareGpu_InputMessage	This message requests the current <b>GPU</b> for graphics rendering configuration.
IMultiPointServer_GetUseHardwareGpu_OutputMessage	This message contains the current setting for using the GPU for rendering.
IMultiPointServer_GetUseHardwareGpu_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

##### 3.6.4.8.1.1 IMultiPointServer\_GetUseHardwareGpu\_InputMessage

A **WSDL message** containing the request for the **GetUseHardwareGpu** WSDL operation.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/GetUseHardwareGpu
<wsdl:message name="IMultiPointServer_GetUseHardwareGpu_InputMessage">
  <wsdl:part name="GetUseHardwareGpu" element="tns:GetUseHardwareGpu"/>
</wsdl:message>
```

##### 3.6.4.8.1.2 IMultiPointServer\_GetUseHardwareGpu\_OutputMessage

A **WSDL message** containing the response for the **GetUseHardwareGpu** **WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/GetUseHardwareGpuResponse
<wsdl:message name="IMultiPointServer_GetUseHardwareGpu_OutputMessage">
  <wsdl:part name="GetUseHardwareGpu" element="tns:GetUseHardwareGpuResponse"/>
</wsdl:message>
```

### 3.6.4.8.1.3 IMultiPointServer\_GetUseHardwareGpu\_WmsFaultType\_FaultMessage

A **WSDL message** containing a fault for the **GetUseHardwareGpu WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointServer_GetUseHardwareGpu_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.6.4.8.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<GetUseHardwareGpu>	Input parameters element
<GetUseHardwareGpuResponse>	Output data element

#### 3.6.4.8.2.1 GetUseHardwareGpu

```
<xsd:element name="GetUseHardwareGpu" type="tns:GetUseHardwareGpuRequestBody"/>
```

#### 3.6.4.8.2.2 GetUseHardwareGpuResponse

```
<xsd:element name="GetUseHardwareGpuResponse" type="tns:GetUseHardwareGpuResponseBody"/>
```

### 3.6.4.8.3 Complex Types

The following table summarizes the **XML Schema** complex type definitions that are specific to this operation.

Element	Description
<GetUseHardwareGpuRequestBody>	XML supplying the input parameters
<GetUseHardwareGpuResponseBody>	XML supplying the output parameters

#### 3.6.4.8.3.1 GetUseHardwareGpuRequestBody

```
<xsd:complexType name="GetUseHardwareGpuRequestBody"/>
```

#### 3.6.4.8.3.2 GetUseHardwareGpuResponseBody

```
<xsd:complexType name="GetUseHardwareGpuResponseBody">
  <xsd:sequence>
    <xsd:element minOccurs="1" maxOccurs="1" name="pfUseHardwareGpu"
type="xsd:boolean" />
  </xsd:sequence>
```

```
</xsd:complexType>
```

**pfUseHardwareGpu**: Contains "true" if the server is using the hardware **GPU** for rendering.

### 3.6.4.9 GetVirtualMachineIpAddress Operation

The **GetVirtualMachineIpAddress** method requests the IP address of a specific virtual machine hosted on the server. This operation **MUST** be authenticated by using Server Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="GetVirtualMachineIpAddress">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetVirtualMachineIpAddress"
    name="IMultiPointServer_GetVirtualMachineIpAddress_InputMessage"
    message="tns:IMultiPointServer_GetVirtualMachineIpAddress_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetVirtualMachineIpAddressR
    esponse" name="IMultiPointServer_GetVirtualMachineIpAddress_OutputMessage"
    message="tns:IMultiPointServer_GetVirtualMachineIpAddress_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointServer_GetVirtualMachineIpAddress_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.6.4.9.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_GetVirtualMachineIpAddress_InputMessage	This message requests the IP address of the specified virtual machine hosted on the server.
IMultiPointServer_GetVirtualMachineIpAddress_OutputMessage	This message contains the IP address of the specified virtual machine hosted on the server.
IMultiPointServer_GetVirtualMachineIpAddress_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

##### 3.6.4.9.1.1 IMultiPointServer\_GetVirtualMachineIpAddress\_InputMessage Message

A **WSDL message** containing the request for the **GetVirtualMachineIpAddress WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/GetVirtualMachineIpAddress
<wsdl:message name="IMultiPointServer_GetVirtualMachineIpAddress_InputMessage">
  <wsdl:part name="GetVirtualMachineIpAddress" element="tns:GetVirtualMachineIpAddress"/>
</wsdl:message>
```

##### 3.6.4.9.1.2 IMultiPointServer\_GetVirtualMachineIpAddress\_OutputMessage Message



A **WSDL message** containing the response for the **GetVirtualMachineIpAddress WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/GetVirtualMachineIpAddressResponse
<wsdl:message name="IMultiPointServer_GetVirtualMachineIpAddress_OutputMessage">
  <wsdl:part name="GetVirtualMachineIpAddressResponse"
    element="tns:GetVirtualMachineIpAddressResponse"/>
</wsdl:message>
```

### 3.6.4.9.1.3 IMultiPointServer\_GetVirtualMachineIpAddress\_WmsFaultType\_FaultMessage

A **WSDL message** containing a fault for the **GetVirtualMachineIpAddress WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointServer_GetVirtualMachineIpAddress_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.6.4.9.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<GetVirtualMachineIpAddress>	Input parameters element
<GetVirtualMachineIpAddressResponse>	Output data element

#### 3.6.4.9.2.1 GetVirtualMachineIpAddress

```
<xsd:element name="GetVirtualMachineIpAddress"
  type="tns:GetVirtualMachineIpAddressRequestBody"/>
```

#### 3.6.4.9.2.2 GetVirtualMachineIpAddressResponse

```
<xsd:element name="GetVirtualMachineIpAddressResponse"
  type="tns:GetVirtualMachineIpAddressResponseBody"/>
```

### 3.6.4.9.3 Complex Types

The following table summarizes the **XML Schema** complex type definitions that are specific to this operation.

Element	Description
<GetVirtualMachineIpAddressRequestBody>	XML supplying the input parameters
<GetVirtualMachineIpAddressResponseBody>	XML supplying the output parameters

### 3.6.4.9.3.1 GetVirtualMachineIpAddressRequestBody

```
<xsd:complexType name="GetVirtualMachineIpAddressRequestBody">
  <xsd:sequence>
    <xsd:element minOccurs="1" maxOccurs="1" name="bstrVirtualMachineHostName"
type="xsd:string"/>
  </xsd:sequence>
</xsd:complexType>
```

**bstrVirtualMachineHostName:** Contains the name of a virtual machine hosted on the server.

### 3.6.4.9.3.2 GetVirtualMachineIpAddressResponseBody

```
<xsd:complexType name="GetVirtualMachineIpAddressResponseBody">
  <xsd:sequence>
    <xsd:element minOccurs="0" maxOccurs="1" name="pbstrVirtualMachineIpAddress"
type="xsd:string"/>
  </xsd:sequence>
</xsd:complexType>
```

**pbstrVirtualMachineIpAddress:** Contains the IP address of the specified virtual machine hosted by the server.

## 3.6.4.10 Reboot Operation

The **Reboot** method requests that the server reboot. This operation **MUST** be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="Reboot">
  <wsdl:input wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/Reboot"
name="IMultiPointServer_Reboot_InputMessage"
message="tns:IMultiPointServer_Reboot_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/RebootResponse"
name="IMultiPointServer_Reboot_OutputMessage"
message="tns:IMultiPointServer_Reboot_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointServer_Reboot_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

### 3.6.4.10.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_Reboot_InputMessage	This message requests that the server reboot.
IMultiPointServer_Reboot_OutputMessage	Response message.
IMultiPointServer_Reboot_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

### 3.6.4.10.1.1 IMultiPointServer\_Reboot\_InputMessage Message

A **WSDL message** containing the request for the **Reboot WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/Reboot
<wsdl:message name="IMultiPointServer_Reboot_InputMessage">
  <wsdl:part name="Reboot" element="tns:Reboot"/>
</wsdl:message>
```

### 3.6.4.10.1.2 IMultiPointServer\_Reboot\_OutputMessage Message

A **WSDL message** containing the response for the **Reboot WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/RebootResponse
<wsdl:message name="IMultiPointServer_Reboot_OutputMessage">
  <wsdl:part name="RebootResponse" element="tns:RebootResponse"/>
</wsdl:message>
```

### 3.6.4.10.1.3 IMultiPointServer\_Reboot\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **Reboot WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointServer_Reboot_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

## 3.6.4.10.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<Reboot>	Input parameters element
<RebootResponse>	Output data element

### 3.6.4.10.2.1 Reboot

```
<xsd:element name="Reboot">
  <xsd:complexType/>
</xsd:element>
```

### 3.6.4.10.2.2 RebootResponse

```
<xsd:element name="RebootResponse">
  <xsd:complexType/>
```

```
</xsd:element>
```

### 3.6.4.10.3 Complex Types

None.

### 3.6.4.11 RegisterChatEventSink Operation

The **RegisterChatEventSink** method requests that the server forward MultiPoint Chat events to the supplied web service. This operation **MUST** be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="RegisterChatEventSink">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/RegisterChatEventSink"
    name="IMultiPointServer_RegisterChatEventSink_InputMessage"
    message="tns:IMultiPointServer_RegisterChatEventSink_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/RegisterChatEventSinkResponse"
    name="IMultiPointServer_RegisterChatEventSink_OutputMessage"
    message="tns:IMultiPointServer_RegisterChatEventSink_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointServer_RegisterChatEventSink_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.6.4.11.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_RegisterChatEventSink_InputMessage	This message requests that the server forward MultiPoint Chat events to the specified web service.
IMultiPointServer_RegisterChatEventSink_OutputMessage	This message contains the event sink's cookie that is used to stop receiving events.
IMultiPointServer_RegisterChatEventSink_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

##### 3.6.4.11.1.1 IMultiPointServer\_RegisterChatEventSink\_InputMessage Message

A **WSDL message** containing the request for the **RegisterChatEventSink WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/RegisterChatEventSink
<wsdl:message name="IMultiPointServer_RegisterChatEventSink_InputMessage">
  <wsdl:part name="RegisterChatEventSink" element="tns:RegisterChatEventSink"/>
</wsdl:message>
```

##### 3.6.4.11.1.2 IMultiPointServer\_RegisterChatEventSink\_OutputMessage Message

A **WSDL message** containing the response for the **RegisterChatEventSink WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/RegisterChatEventSinkResponse
<wsdl:message name="IMultiPointServer_RegisterChatEventSink_OutputMessage">
  <wsdl:part name="RegisterChatEventSinkResponse"
  element="tns:RegisterChatEventSinkResponse"/>
</wsdl:message>
```

### 3.6.4.11.1.3 IMultiPointServer\_RegisterChatEventSink\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **RegisterChatEventSink WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointServer_RegisterChatEventSink_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.6.4.11.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<RegisterChatEventSink>	Input parameters element
<RegisterChatEventSinkResponse>	Output data element

#### 3.6.4.11.2.1 RegisterChatEventSink

```
<xsd:element name="RegisterChatEventSink" type="tns:RegisterChatEventSinkRequestBody"/>
```

#### 3.6.4.11.2.2 RegisterChatEventSinkResponse

```
<xsd:element name="RegisterChatEventSinkResponse"
type="tns:RegisterChatEventSinkResponseBody"/>
```

### 3.6.4.11.3 Complex Types

The following table summarizes the **XML Schema** complex type definitions that are specific to this operation.

Complex type	Description
<RegisterChatEventSinkRequestBody>	XML supplying the input parameters
<RegisterChatEventSinkResponseBody>	XML supplying the output parameters

#### 3.6.4.11.3.1 RegisterChatEventSinkRequestBody

```

<xsd:complexType name="RegisterChatEventSinkRequestBody">
  <xsd:sequence>
    <xsd:element minOccurs="1" maxOccurs="1" name="bstrUriSinkEndpoint" type="xsd:string"/>
    <xsd:element minOccurs="1" maxOccurs="1" name="bstrServerName" type="xsd:string"/>
    <xsd:element minOccurs="1" maxOccurs="1" name="idSession" type="xsd:unsignedInt"/>
    <xsd:element minOccurs="1" maxOccurs="1" name="bstrTeacherName" type="xsd:string"/>
  </xsd:sequence>
</xsd:complexType>

```

**bstrUriSinkEndpoint:** Contains URI of chat event sink.

**bstrServerName:** Contains the name of the chat server.

**idSession:** Contains the ID of the remote desktop session being associated with the station.

**bstrTeacherName:** Contains the name of the chat master.

### 3.6.4.11.3.2 RegisterChatEventSinkResponseBody

```

<xsd:complexType name="RegisterChatEventSinkResponseBody">
  <xsd:sequence>
    <xsd:element minOccurs="0" maxOccurs="1" name="pullCookie" type="xsd:unsignedLong"/>
  </xsd:sequence>
</xsd:complexType>

```

**pullCookie:** Contains a unique identifier to be used to unregister at a later time.

### 3.6.4.12 RegisterCoreEventSink Operation

The **RegisterCoreEventSink** method requests that the server forward MultiPoint Core events to the supplied web service. This operation **MUST** be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```

<wsdl:operation name="RegisterCoreEventSink">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/RegisterCoreEventSink"
    name="IMultiPointServer_RegisterCoreEventSink_InputMessage"
    message="tns:IMultiPointServer_RegisterCoreEventSink_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/RegisterCoreEventSinkResponse"
    name="IMultiPointServer_RegisterCoreEventSink_OutputMessage"
    message="tns:IMultiPointServer_RegisterCoreEventSink_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointServer_RegisterCoreEventSink_WmsFaultType_FaultMessage"/>
</wsdl:operation>

```

#### 3.6.4.12.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_RegisterCoreEventSink_InputMessage	This message requests that the server forward MultiPoint Core events to the specified web service.
IMultiPointServer_RegisterCoreEventSink_OutputMessage	This message contains the event sink's cookie that is used to stop

Message	Description
	receiving events.
IMultiPointServer_RegisterCoreEventSink_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

### 3.6.4.12.1.1 IMultiPointServer\_RegisterCoreEventSink\_InputMessage Message

A **WSDL message** containing the request for the **RegisterCoreEventSink WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/RegisterCoreEventSink
<wsdl:message name="IMultiPointServer_RegisterCoreEventSink_InputMessage">
  <wsdl:part name="RegisterCoreEventSink" element="tns:RegisterCoreEventSink"/>
</wsdl:message>
```

### 3.6.4.12.1.2 IMultiPointServer\_RegisterCoreEventSink\_OutputMessage Message

A **WSDL message** containing the response for the **RegisterCoreEventSink WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/RegisterCoreEventSinkResponse
<wsdl:message name="IMultiPointServer_RegisterCoreEventSink_OutputMessage">
  <wsdl:part name="RegisterCoreEventSinkResponse"
    element="tns:RegisterCoreEventSinkResponse"/>
</wsdl:message>
```

### 3.6.4.12.1.3 IMultiPointServer\_RegisterCoreEventSink\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **RegisterCoreEventSink WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointServer_RegisterCoreEventSink_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

## 3.6.4.12.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<RegisterCoreEventSink>	Input parameters element
<RegisterCoreEventSinkResponse>	Output data element

### 3.6.4.12.2.1 RegisterCoreEventSink

```
<xsd:element name="RegisterCoreEventSink" type="tns:RegisterCoreEventSinkRequestBody"/>
```

### 3.6.4.12.2.2 RegisterCoreEventSinkResponse

```
<xsd:element name="RegisterCoreEventSinkResponse" type="tns:RegisterCoreEventSinkResponseBody"/>
```

### 3.6.4.12.3 Complex Types

The following table summarizes the **XML Schema** complex type definitions that are specific to this operation.

Complex type	Description
<RegisterCoreEventSinkRequestBody>	XML supplying the input parameters
<RegisterCoreEventSinkResponseBody>	XML supplying the output parameters

#### 3.6.4.12.3.1 RegisterCoreEventSinkRequestBody

```
<xsd:complexType name="RegisterCoreEventSinkRequestBody">
  <xsd:sequence>
    <xsd:element minOccurs="1" maxOccurs="1" name="bstrUriSinkEndpoint" type="xsd:string"/>
  </xsd:sequence>
</xsd:complexType>
```

**bstrUriSinkEndpoint:** Contains the URI of the client-provided web service that receives the events.

#### 3.6.4.12.3.2 RegisterCoreEventSinkResponseBody

```
<xsd:complexType name="RegisterCoreEventSinkResponseBody">
  <xsd:sequence>
    <xsd:element minOccurs="0" maxOccurs="1" name="pullCookie" type="xsd:unsignedLong"/>
  </xsd:sequence>
</xsd:complexType>
```

**pullCookie:** Contains a unique identifier to be used to unregister at a later time.

### 3.6.4.13 Shutdown Operation

The **Shutdown** method requests that the server operating system shut down. This operation **MUST** be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="Shutdown">
  <wsdl:input wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/Shutdown"
    name="IMultiPointServer_Shutdown_InputMessage"
    message="tns:IMultiPointServer_Shutdown_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/ShutdownResponse"
    name="IMultiPointServer_Shutdown_OutputMessage"
    message="tns:IMultiPointServer_Shutdown_OutputMessage"/>
</wsdl:operation>
```



```

    <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointServer_Shutdown_WmsFaultType_FaultMessage"/>
  </wsdl:operation>

```

### 3.6.4.13.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_Shutdown_InputMessage	This message requests that the server shut down.
IMultiPointServer_Shutdown_OutputMessage	Response message.
IMultiPointServer_Shutdown_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.6.4.13.1.1 IMultiPointServer\_Shutdown\_InputMessage Message

A **WSDL message** containing the request for the **Shutdown WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointServer/Shutdown
<wsdl:message name="IMultiPointServer_Shutdown_InputMessage">
  <wsdl:part name="Shutdown" element="tns:Shutdown"/>
</wsdl:message>

```

#### 3.6.4.13.1.2 IMultiPointServer\_Shutdown\_OutputMessage Message

A **WSDL message** containing the request for the **Shutdown WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointServer/Shutdown
<wsdl:message name="IMultiPointServer_Shutdown_OutputMessage">
  <wsdl:part name="Shutdown" element="tns:Shutdown"/>
</wsdl:message>

```

#### 3.6.4.13.1.3 IMultiPointServer\_Shutdown\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **Shutdown WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointServer_Shutdown_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>

```

### 3.6.4.13.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<Shutdown>	Input parameters element
<ShutdownResponse>	Output data element

### 3.6.4.13.2.1 Shutdown

```
<xsd:element name="Shutdown">
  <xsd:complexType/>
</xsd:element>
```

### 3.6.4.13.2.2 ShutdownResponse

```
<xsd:element name="ShutdownResponse">
  <xsd:complexType/>
</xsd:element>
```

### 3.6.4.13.3 Complex Types

None.

### 3.6.4.14 UnregisterChatEventSink Operation

The **UnregisterChatEventSink** method informs the server that the client no longer wishes to receive MultiPoint Chat events. This operation **MUST** be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="UnregisterChatEventSink">
  <wsdl:input
  wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/UnregisterChatEventSink"
  name="IMultiPointServer_UnregisterChatEventSink_InputMessage"
  message="tns:IMultiPointServer_UnregisterChatEventSink_InputMessage"/>
  <wsdl:output
  wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/UnregisterChatEventSinkResp
  onse" name="IMultiPointServer_UnregisterChatEventSink_OutputMessage"
  message="tns:IMultiPointServer_UnregisterChatEventSink_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
  message="tns:IMultiPointServer_UnregisterChatEventSink_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

### 3.6.4.14.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_UnregisterChatEventSink_InputMessage	This message informs the server that the client no longer wishes to receive MultiPoint Chat events.
IMultiPointServer_UnregisterChatEventSink_OutputMessage	Response message.

Message	Description
IMultiPointServer_UnregisterChatEventSink_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.6.4.14.1.1 IMultiPointServer\_UnregisterChatEventSink\_InputMessage Message

A **WSDL message** containing the request for the **UnregisterChatEventSink WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/UnregisterChatEventSink
<wsdl:message name="IMultiPointServer_UnregisterChatEventSink_InputMessage">
  <wsdl:part name="UnregisterChatEventSink" element="tns:UnregisterChatEventSink"/>
</wsdl:message>
```

#### 3.6.4.14.1.2 IMultiPointServer\_UnregisterChatEventSink\_OutputMessage Message

A **WSDL message** containing the response for the **UnregisterChatEventSink WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/UnregisterChatEventSinkResponse
<wsdl:message name="IMultiPointServer_UnregisterChatEventSink_OutputMessage">
  <wsdl:part name="UnregisterChatEventSinkResponse"
  element="tns:UnregisterChatEventSinkResponse"/>
</wsdl:message>
```

#### 3.6.4.14.1.3 IMultiPointServer\_UnregisterChatEventSink\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **UnregisterChatEventSink WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointServer_UnregisterChatEventSink_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

#### 3.6.4.14.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<UnregisterChatEventSink>	Input parameters element
<UnregisterChatEventSinkResponse>	Output data element

### 3.6.4.14.2.1 UnregisterChatEventSink

```
<xsd:element name="UnregisterChatEventSink">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="ullCookie" type="xsd:unsignedLong"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**ullCookie:** Contains the cookie string returned when the event sink was registered.

### 3.6.4.14.2.2 UnregisterChatEventSinkResponse

```
<xsd:element name="UnregisterChatEventSinkResponse">
  <xsd:complexType/>
</xsd:element>
```

### 3.6.4.14.3 Complex Types

None.

### 3.6.4.15 UnregisterCoreEventSink Operation

The **UnregisterCoreEventSink** method informs the server that the client no longer wishes to receive MultiPoint Core events. This operation **MUST** be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="UnregisterCoreEventSink">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/UnregisterCoreEventSink"
name="IMultiPointServer_UnregisterCoreEventSink_InputMessage"
message="tns:IMultiPointServer_UnregisterCoreEventSink_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/UnregisterCoreEventSinkResp
onse" name="IMultiPointServer_UnregisterCoreEventSink_OutputMessage"
message="tns:IMultiPointServer_UnregisterCoreEventSink_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointServer_UnregisterCoreEventSink_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.6.4.15.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_UnregisterCoreEventSink_InputMessage	This message informs the server that the client no longer wishes to receive MultiPoint core events.
IMultiPointServer_UnregisterCoreEventSink_OutputMessage	Response message.
IMultiPointServer_UnregisterCoreEventSink_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

### 3.6.4.15.1.1 IMultiPointServer\_UnregisterCoreEventSink\_InputMessage Message

A **WSDL message** containing the request for the **UnregisterCoreEventSink WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/UnregisterCoreEventSink
<wsdl:message name="IMultiPointServer_UnregisterCoreEventSink_InputMessage">
  <wsdl:part name="UnregisterCoreEventSink" element="tns:UnregisterCoreEventSink"/>
</wsdl:message>
```

### 3.6.4.15.1.2 IMultiPointServer\_UnregisterCoreEventSink\_OutputMessage Message

A **WSDL message** containing the response for the **UnregisterCoreEventSink WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/UnregisterCoreEventSinkResponse
<wsdl:message name="IMultiPointServer_UnregisterCoreEventSink_OutputMessage">
  <wsdl:part name="UnregisterCoreEventSinkResponse"
    element="tns:UnregisterCoreEventSinkResponse"/>
</wsdl:message>
```

### 3.6.4.15.1.3 IMultiPointServer\_UnregisterCoreEventSink\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **UnregisterCoreEventSink WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointServer_UnregisterCoreEventSink_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

## 3.6.4.15.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<UnregisterCoreEventSink>	Input parameters element
<UnregisterCoreEventSinkResponse>	Output data element

### 3.6.4.15.2.1 UnregisterCoreEventSink

```
<xsd:element name="UnregisterCoreEventSink">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="ullCookie" type="xsd:unsignedLong"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**ullCookie:** Contains the cookie string returned when the event sink was registered.

### 3.6.4.15.2.2 UnregisterCoreEventSinkResponse

```
<xsd:element name="UnregisterCoreEventSinkResponse">  
  <xsd:complexType/>  
</xsd:element>
```

### 3.6.4.15.3 Complex Types

None.

### 3.6.4.16 CanModifyWau Operation

The **CanModifyWau** method queries the server to determine if the Automatic Update settings can be modified. [<5>](#) For more information on Windows Updates see [\[MSDN-WUAAPI\]](#). This operation MUST be authenticated by using Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="CanModifyWau">  
  <wsdl:input wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/CanModifyWau"  
  name="IMultiPointServer_CanModifyWau_InputMessage"  
  message="tns:IMultiPointServer_CanModifyWau_InputMessage"/>  
  <wsdl:output  
  wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/CanModifyWauResponse"  
  name="IMultiPointServer_CanModifyWau_OutputMessage"  
  message="tns:IMultiPointServer_CanModifyWau_OutputMessage"/>  
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"  
  message="tns:IMultiPointServer_CanModifyWau_WmsFaultType_FaultMessage"/>  
</wsdl:operation>
```

#### 3.6.4.16.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_CanModifyWau_InputMessage	This message queries the server to determine if the Windows Update settings can be modified. For more information on Automatic Updates see <a href="#">[MSDN-WUAAPI]</a> .
IMultiPointServer_CanModifyWau_OutputMessage	Message containing the server's Automatic Update read/write state.
IMultiPointServer_CanModifyWau_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.6.4.16.1.1 IMultiPointServer\_CanModifyWau\_InputMessage Message

A **WSDL message** containing the request for the **CanModifyWau WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/CanModifyWau  
<wsdl:message name="IMultiPointServer_CanModifyWau_InputMessage">  
  <wsdl:part name="CanModifyWau" element="tns:CanModifyWau"/>
```

```
</wsdl:message>
```

### 3.6.4.16.1.2 IMultiPointServer\_CanModifyWau\_OutputMessage Message

A **WSDL message** containing the response for the **CanModifyWau WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/CanModifyWauResponse
<wsdl:message name="IMultiPointServer CanModifyWau OutputMessage">
  <wsdl:part name="CanModifyWauResponse" element="tns:CanModifyWauResponse"/>
</wsdl:message>
```

### 3.6.4.16.1.3 IMultiPointServer\_CanModifyWau\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **CanModifyWau WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointServer CanModifyWau WmsFaultType FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

## 3.6.4.16.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<CanModifyWau>	Input parameters element
<CanModifyWauResponse>	Output data element

### 3.6.4.16.2.1 CanModifyWau

```
<xsd:element name="CanModifyWau" nillable="true">
  <xsd:complexType/>
</xsd:element>
```

### 3.6.4.16.2.2 CanModifyWauResponse

```
<xsd:element name="CanModifyWauResponse" nillable="true">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="pfCanModifyWau" type="xsd:boolean"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**pfCanModifyWau:** Contains "true" if the Automatic Update settings can be modified, or "false" if they are read-only. For more information on Windows Updates see [\[MSDN-WUAAPI\]](#).

### 3.6.4.16.3 Complex Types

None.

### 3.6.4.17 EnableCeip Operation

The **EnableCeip** method configures the server's Windows Customer Experience Improvement Program setting. [6](#) This operation MUST be authenticated by using Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="EnableCeip">
  <wsdl:input wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/EnableCeip"
    name="IMultiPointServer_EnableCeip_InputMessage"
    message="tns:IMultiPointServer_EnableCeip_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/EnableCeipResponse"
    name="IMultiPointServer_EnableCeip_OutputMessage"
    message="tns:IMultiPointServer_EnableCeip_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointServer_EnableCeip_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.6.4.17.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_EnableCeip_InputMessage	This message configures the server's Windows Customer Experience Improvement Program setting.
IMultiPointServer_EnableCeip_OutputMessage	Response message.
IMultiPointServer_EnableCeip_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

##### 3.6.4.17.1.1 IMultiPointServer\_EnableCeip\_InputMessage Message

A **WSDL message** containing the request for the **EnableCeip WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/EnableCeip
<wsdl:message name="IMultiPointServer_EnableCeip_InputMessage">
  <wsdl:part name="EnableCeip" element="tns:EnableCeip"/>
</wsdl:message>
```

##### 3.6.4.17.1.2 IMultiPointServer\_EnableCeip\_OutputMessage Message

A **WSDL message** containing the response for the **EnableCeip WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/EnableCeipResponse
```



```
<wsdl:message name="IMultiPointServer_EnableCeip_OutputMessage">
  <wsdl:part name="EnableCeipResponse" element="tns:EnableCeipResponse"/>
</wsdl:message>
```

### 3.6.4.17.1.3 IMultiPointServer\_EnableCeip\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **EnableCeip WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointServer_EnableCeip_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.6.4.17.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<EnableCeip>	Input parameters element
<EnableCeipResponse>	Output data element

#### 3.6.4.17.2.1 EnableCeip

```
<xsd:element name="EnableCeip" nillable="true">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="fEnable" type="xsd:boolean"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**fEnable:** Contains "true" to enable Windows Customer Experience Improvement Program, or "false" to disable it.

#### 3.6.4.17.2.2 EnableCeipResponse

```
<xsd:element name="EnableCeipResponse" nillable="true">
  <xsd:complexType/>
</xsd:element>
```

### 3.6.4.17.3 Complex Types

None.

### 3.6.4.18 Enable Chat Operation

The **EnableChat** method allows the server's chat feature to be enabled or disabled. [<7>](#) This operation MUST be authenticated by using Server Management Credentials (section [3.4.1](#)).

```

<wsdl:operation name="EnableChat">
  <wsdl:input wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/EnableChat"
    name="IMultiPointServer_EnableChat_InputMessage"
    message="tns:IMultiPointServer_EnableChat_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/EnableChatResponse"
    name="IMultiPointServer_EnableChat_OutputMessage"
    message="tns:IMultiPointServer_EnableChat_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointServer_EnableChat_WmsFaultType_FaultMessage"/></wsdl:operation>

```

### 3.6.4.18.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_EnableChat_InputMessage	This message enables or disables the server's chat feature.
IMultiPointServer_EnableChat_OutputMessage	Response message.
IMultiPointServer_EnableChat_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.6.4.18.1.1 IMultiPointServer\_EnableChat\_InputMessage Message

A **WSDL message** containing the request for the **EnableChat WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointServer/EnableChat
<wsdl:message name="IMultiPointServer_EnableChat_InputMessage">
  <wsdl:part name="EnableChat" element="tns:EnableChat"/>
</wsdl:message>

```

#### 3.6.4.18.1.2 IMultiPointServer\_EnableChat\_OutputMessage Message

A **WSDL message** containing the response for the **EnableChat WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointServer/EnableChatResponse
<wsdl:message name="IMultiPointServer_EnableChat_OutputMessage">
  <wsdl:part name="EnableChatResponse" element="tns:EnableChatResponse"/>
</wsdl:message>

```

#### 3.6.4.18.1.3 IMultiPointServer\_EnableChat\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **EnableChat WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointServer_EnableChat_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>

  </wsdl:message>

```

### 3.6.4.18.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<EnableChat>	Input parameters element
<EnableChatResponse>	Output data element

#### 3.6.4.18.2.1 EnableChat

```

<xsd:element name="EnableChat">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="fEnable" type="xsd:boolean" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>

```

**fEnable:** Contains "true" to enable the chat feature, or "false" to disable it.

#### 3.6.4.18.2.2 EnableChatResponse

```

<xsd:element name="EnableChatResponse">
  <xsd:complexType/>
</xsd:element>

```

### 3.6.4.18.3 Complex Types

None.

### 3.6.4.19 EnableWau Operation

The **EnableWau** method allows Automatic Updates to be configured on the server. <8> For more information on Automatic Updates, see [\[MSDN-WUAPI\]](#). This operation MUST be authenticated by using Server Control Credentials (section [3.4.1](#)).

```

<wsdl:operation name="EnableWau">
  <wsdl:input wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/EnableWau"
name="IMultiPointServer_EnableWau_InputMessage"
message="tns:IMultiPointServer_EnableWau_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/EnableWauResponse"
name="IMultiPointServer_EnableWau_OutputMessage"
message="tns:IMultiPointServer_EnableWau_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointServer_EnableWau_WmsFaultType_FaultMessage"/>

```

</wsdl:operation>

### 3.6.4.19.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_EnableWau_InputMessage	This message configures the server's Automatic Updates setting. For more information on Windows Updates see <a href="#">[MSDN-WUA-API]</a> .
IMultiPointServer_EnableWau_OutputMessage	Response message.
IMultiPointServer_EnableWau_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.6.4.19.1.1 IMultiPointServer\_EnableWau\_InputMessage Message

A **WSDL message** containing the request for the **EnableWau WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/EnableWau
<wsdl:message name="IMultiPointServer_EnableWau_InputMessage">
  <wsdl:part name="EnableWau" element="tns:EnableWau"/>
</wsdl:message>
```

#### 3.6.4.19.1.2 IMultiPointServer\_EnableWau\_OutputMessage Message

A **WSDL message** containing the response for the **EnableWau WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/EnableWauResponse
<wsdl:message name="IMultiPointServer_EnableWau_OutputMessage">
  <wsdl:part name="EnableWauResponse" element="tns:EnableWauResponse"/>
</wsdl:message>
```

#### 3.6.4.19.1.3 IMultiPointServer\_EnableWau\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **EnableWau WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointServer_EnableWau_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.6.4.19.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<EnableWau>	Input parameters element
<EnableWauResponse>	Output data element

### 3.6.4.19.2.1 EnableWau

```
<xsd:element name="EnableWau" nillable="true">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="eWauSetting" type="xsd:unsignedInt"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**eWauSetting:** Unsigned integer with the following possible values:

Value	Meaning
0	Disabled
1	Important Only
2	Recommended

### 3.6.4.19.2.2 EnableWauResponse

```
<xsd:element name="EnableWauResponse" nillable="true">
  <xsd:complexType/>
</xsd:element>
```

### 3.6.4.19.3 Complex Types

None.

### 3.6.4.20 EnableWer Operation

The **EnableWer** method allows Windows Error Reporting to be enabled or disabled on the server. [<9>](#) For more information on Windows Error Reporting see [\[MSDN-WER\]](#). This operation MUST be authenticated by using Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="EnableWer">
  <wsdl:input wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/EnableWer"
    name="IMultiPointServer_EnableWer_InputMessage"
    message="tns:IMultiPointServer_EnableWer_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/EnableWerResponse"
    name="IMultiPointServer_EnableWer_OutputMessage"
    message="tns:IMultiPointServer_EnableWer_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointServer_EnableWer_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

</wsdl:operation>

### 3.6.4.20.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_EnableWer_InputMessage	This message configures the server's Windows Error Reporting setting. For more information on Windows Error Reporting see <a href="#">[MSDN-WER]</a> .
IMultiPointServer_EnableWer_OutputMessage	Response message.
IMultiPointServer_EnableWer_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.6.4.20.1.1 IMultiPointServer\_EnableWer\_InputMessage Message

A **WSDL message** containing the request for the **EnableWer WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/EnableWer
<wsdl:message name="IMultiPointServer_EnableWer_InputMessage">
  <wsdl:part name="EnableWer" element="tns:EnableWer"/>
</wsdl:message>
```

#### 3.6.4.20.1.2 IMultiPointServer\_EnableWer\_OutputMessage Message

A **WSDL message** containing the response for the **EnableWer WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/EnableWerResponse
<wsdl:message name="IMultiPointServer_EnableWer_OutputMessage">
  <wsdl:part name="EnableWerResponse" element="tns:EnableWerResponse"/>
</wsdl:message>
```

#### 3.6.4.20.1.3 IMultiPointServer\_EnableWer\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **EnableWer WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointServer_EnableWer_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.6.4.20.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<EnableWer>	Input parameters element
<EnableWerResponse>	Output data element

### 3.6.4.20.2.1 EnableWer

```
<xsd:element name="EnableWer" nillable="true">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="fEnable" type="xsd:boolean"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**fEnable:** Contains "true" to enable Windows Error Reporting, or "false" to disable it. For more information on Windows Error Reporting see [\[MSDN-WER\]](#).

### 3.6.4.20.2.2 EnableWerResponse

```
<xsd:element name="EnableWerResponse" nillable="true">
  <xsd:complexType/>
</xsd:element>
```

### 3.6.4.20.3 Complex Types

None.

### 3.6.4.21 GetLicenseCount Operation

The **GetLicenseCount** method requests the server's current count of terminal services client access licenses. This operation **MUST** be authenticated by using either Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="GetLicenseCount">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetLicenseCount"
name="IMultiPointServer_GetLicenseCount_InputMessage"
message="tns:IMultiPointServer GetLicenseCount InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetLicenseCountResponse"
name="IMultiPointServer_GetLicenseCount_OutputMessage"
message="tns:IMultiPointServer_GetLicenseCount_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointServer GetLicenseCount WmsFaultType FaultMessage"/>
</wsdl:operation>
```

#### 3.6.4.21.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_GetLicenseCount_InputMessage	This message requests the server's number of available terminal server client access licenses.
IMultiPointServer_GetLicenseCount_OutputMessage	This message contains the server's current number of available terminal server client access licenses.
IMultiPointServer_GetLicenseCount_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

### 3.6.4.21.1.1 IMultiPointServer\_GetLicenseCount\_InputMessage Message

A **WSDL message** containing the request for the **GetLicenseCount WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/GetLicenseCount
<wsdl:message name="IMultiPointServer_GetLicenseCount_InputMessage">
  <wsdl:part name="GetLicenseCount" element="tns:GetLicenseCount"/>
</wsdl:message>
```

### 3.6.4.21.1.2 IMultiPointServer\_GetLicenseCount\_OutputMessage Message

A **WSDL message** containing the response for the **GetLicenseCount WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/GetLicenseCountResponse
<wsdl:message name="IMultiPointServer_GetLicenseCount_OutputMessage">
  <wsdl:part name="GetLicenseCountResponse" element="tns:GetLicenseCountResponse"/>
</wsdl:message>
```

### 3.6.4.21.1.3 IMultiPointServer\_GetLicenseCount\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **GetLicenseCount WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointServer_GetLicenseCount_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.6.4.21.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<GetLicenseCount>	Input parameters element
<GetLicenseCountResponse>	Output data element



### 3.6.4.21.2.1 GetLicenseCount

```
<xsd:element name="GetLicenseCount">
  <xsd:complexType/>
</xsd:element>
```

### 3.6.4.21.2.2 GetLicenseCountResponse

```
<xsd:element name="GetLicenseCountResponse">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="pcLicenses" type="xsd:unsignedInt"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**pcLicenses:** Contains the number of terminal server client access licenses available.

### 3.6.4.21.3 Complex Types

None.

### 3.6.4.22 GetManagedSystemsType Operation

The **GetManagedSystemsType** method requests the server's system type. A server can be either a MultiPoint Server or a Personal Computer. This operation **MUST** be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="GetManagedSystemsType">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetManagedSystemsType"
name="IMultiPointServer_GetManagedSystemsType_InputMessage"
message="tns:IMultiPointServer_GetManagedSystemsType_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetManagedSystemsTypeRespon
se" name="IMultiPointServer_GetManagedSystemsType_OutputMessage"
message="tns:IMultiPointServer_GetManagedSystemsType_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointServer_GetManagedSystemsType_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.6.4.22.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_GetManagedSystemsType_InputMessage	This message requests the server's system type.
IMultiPointServer_GetManagedSystemsType_OutputMessage	This message contains the server's system type.
IMultiPointServer_GetManagedSystemsType_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

### 3.6.4.22.1.1 IMultiPointServer\_GetManagedSystemsType\_InputMessage Message

A **WSDL message** containing the request for the **GetManagedSystemsType WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/GetManagedSystemsType
<wsdl:message name="IMultiPointServer_GetManagedSystemsType_InputMessage">
  <wsdl:part name="GetManagedSystemsType" element="tns:GetManagedSystemsType"/>
</wsdl:message>
```

### 3.6.4.22.1.2 IMultiPointServer\_GetManagedSystemsType\_OutputMessage Message

A **WSDL message** containing the response for the **GetManagedSystemsType WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/GetManagedSystemsTypeResponse
<wsdl:message name="IMultiPointServer_GetManagedSystemsType_OutputMessage">
  <wsdl:part name="GetManagedSystemsTypeResponse"
element="tns:GetManagedSystemsTypeResponse"/>
</wsdl:message>
```

### 3.6.4.22.1.3 IMultiPointServer\_GetManagedSystemsType\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **GetManagedSystemsType WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointServer_GetManagedSystemsType_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

## 3.6.4.22.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<GetManagedSystemsType>	Input parameters element
<GetManagedSystemsTypeResponse>	Output data element

### 3.6.4.22.2.1 GetManagedSystemsType

```
<xsd:element name="GetManagedSystemsType">
  <xsd:complexType/>
</xsd:element>
```

### 3.6.4.22.2 GetManagedSystemsTypeResponse

```
<xsd:element name="GetManagedSystemsTypeResponse">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="pEWmsRemoteManagementHostType"
type="xsd:unsignedInt"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**pEWmsRemoteManagementHostType:** Contains an unsigned integer with the following possible values: 2 = MultiPoint Server, or 3 = Personal Computer.

### 3.6.4.22.3 Complex Types

None.

### 3.6.4.23 GetNetJoinStatus Operation

The **GetNetJoinStatus** method requests information about the server's current domain/workgroup membership. This operation **MUST** be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="GetNetJoinStatus">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetNetJoinStatus"
name="IMultiPointServer_GetNetJoinStatus_InputMessage"
message="tns:IMultiPointServer_GetNetJoinStatus_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetNetJoinStatusResponse"
name="IMultiPointServer_GetNetJoinStatus_OutputMessage"
message="tns:IMultiPointServer_GetNetJoinStatus_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointServer_GetNetJoinStatus_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.6.4.23.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_GetNetJoinStatus_InputMessage	This message requests the server's current network domain membership.
IMultiPointServer_GetNetJoinStatus_OutputMessage	This message contains the server's current network domain membership.
IMultiPointServer_GetNetJoinStatus_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.6.4.23.1.1 IMultiPointServer\_GetNetJoinStatus\_InputMessage Message

A **WSDL message** containing the request for the **GetNetJoinStatus WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/GetNetJoinStatus
<wsdl:message name="IMultiPointServer_GetNetJoinStatus_InputMessage">
  <wsdl:part name="GetNetJoinStatus" element="tns:GetNetJoinStatus"/>
</wsdl:message>
```

### 3.6.4.23.1.2 IMultiPointServer\_GetNetJoinStatus\_OutputMessage Message

A **WSDL message** containing the response for the **GetNetJoinStatus WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/GetNetJoinStatusResponse
<wsdl:message name="IMultiPointServer_GetNetJoinStatus_OutputMessage">
  <wsdl:part name="GetNetJoinStatusResponse" element="tns:GetNetJoinStatusResponse"/>
</wsdl:message>
```

### 3.6.4.23.1.3 IMultiPointServer\_GetNetJoinStatus\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **GetNetJoinStatus WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointServer_GetNetJoinStatus_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

## 3.6.4.23.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<GetNetJoinStatus>	Input parameters element
<GetNetJoinStatusResponse>	Output data element

### 3.6.4.23.2.1 GetNetJoinStatus

```
<xsd:element name="GetNetJoinStatus" type="q1:GetNetJoinStatusRequestBody"/>
```

### 3.6.4.23.2.2 GetNetJoinStatusResponse

```
<xsd:element name="GetNetJoinStatusResponse" type="tns:GetNetJoinStatusResponseBody"/>
```

## 3.6.4.23.3 Complex Types

The following table summarizes the **XML Schema** complex type definitions that are specific to this operation.

Complex type	Description
<GetNetJoinStatusRequestBody>	XML supplying the input parameters
<GetNetJoinStatusResponseBody>	XML supplying the output parameters

### 3.6.4.23.3.1 GetNetJoinStatusRequestBody

```
<xsd:complexType name="GetNetJoinStatusRequestBody"/>
```

### 3.6.4.23.3.2 GetNetJoinStatusResponseBody

```
<xsd:complexType name="GetNetJoinStatusResponseBody">
  <xsd:sequence>
    <xsd:element minOccurs="1" maxOccurs="1" name="peNetJoinStatus" type="xsd:unsignedInt"/>
    <xsd:element minOccurs="1" maxOccurs="1" name="pwsDomainName" type="xsd:string"/>
  </xsd:sequence>
</xsd:complexType>
```

**peNetJoinStatus:** Contains an unsigned integer with the following possible values:

Value	Meaning
0	Unknown
1	Unjoined
2	Workgroup
3	Domain

**pwsDomainName:** The domain name or workgroup name of the domain or workgroup the server is a member of.

### 3.6.4.24 GetReplacementSslCertificate Operation

The **GetReplacementSslCertificate** operation is used to request the server identification certificate, which is used to secure communication with the server. [<10>](#) This operation MUST be authenticated by using Server Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="GetReplacementSslCertificate">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetReplacementSslCertificate" name="IMultiPointServer_GetReplacementSslCertificate_InputMessage" message="tns:IMultiPointServer_GetReplacementSslCertificate_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetReplacementSslCertificateResponse" name="IMultiPointServer_GetReplacementSslCertificate_OutputMessage"
message="tns:IMultiPointServer_GetReplacementSslCertificate_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointServer_GetReplacementSslCertificate_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.6.4.24.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_GetReplacementSslCertificate_InputMessage	This message requests the server's certificate.
IMultiPointServer_GetReplacementSslCertificate_OutputMessage	This message returns the server's certificate.
IMultiPointServer_GetReplacementSslCertificate_WmsFaultType_FaultMessage	This message contains the internal server failure status code, if one occurs.

### 3.6.4.24.1.1 IMultiPointServer\_GetReplacementSslCertificate\_InputMessage Message

A **WSDL message** containing the request for the **GetReplacementSslCertificate WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/GetReplacementSslCertificate
<wsdl:message name="IMultiPointServer_GetReplacementSslCertificate_InputMessage">
  <wsdl:part name="GetReplacementSslCertificate" element="tns:GetReplacementSslCertificate"/>
</wsdl:message>
```

### 3.6.4.24.1.2 IMultiPointServer\_GetReplacementSslCertificate\_OutputMessage Message

A **WSDL message** containing the response for the **GetReplacementSslCertificate WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/GetReplacementSslCertificateResponse
<wsdl:message name="IMultiPointServer_GetReplacementSslCertificate_OutputMessage">
  <wsdl:part name="GetReplacementSslCertificate" element="tns:GetReplacementSslCertificate"/>
</wsdl:message>
```

### 3.6.4.24.1.3 IMultiPointServer\_GetReplacementSslCertificate\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **GetReplacementSslCertificate WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message
name="IMultiPointServer_GetReplacementSslCertificate_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

## 3.6.4.24.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<GetReplacementSslCertificate>	An input parameter element
<GetReplacementSslCertificateResponse>	An output data element

### 3.6.4.24.2.1 GetReplacementSslCertificate

```
<xsd:element name="GetReplacementSslCertificate">
  <xsd:complexType/>
</xsd:element>
```

### 3.6.4.24.2.2 GetReplacementSslCertificateResponse

```
<xsd:element name="GetReplacementSslCertificateResponse">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="ppSslCertificate"
        type="tns:ArrayOfBytes" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**ppSslCertificate:** Contains the server's binary **X.509** certificate. Clients MUST verify that the subject name of the certificate matches the host name of the server. Clients MUST also verify that the certificate's **enhanced key usage (EKU)** supports only **Server Authentication**.

### 3.6.4.24.3 Complex Types

None.

### 3.6.4.25 GetVirtualMachineHostname Operation

The **GetVirtualMachineHostname** method returns the host name of the machine running the server when it is running in a virtual machine. This operation MUST be authenticated by using Server Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="GetVirtualMachineHostname">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetVirtualMachineHostname"
    name="IMultiPointServer_GetVirtualMachineHostname_InputMessage"
    message="tns:IMultiPointServer_GetVirtualMachineHostname_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetVirtualMachineHostnameResponse"
    name="IMultiPointServer_GetVirtualMachineHostname_OutputMessage"
    message="tns:IMultiPointServer_GetVirtualMachineHostname_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointServer_GetVirtualMachineHostname_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

### 3.6.4.25.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_GetVirtualMachineHostname_InputMessage	This message requests the host name of the virtual machine's host.
IMultiPointServer_GetVirtualMachineHostname_OutputMessage	Response message.
IMultiPointServer_GetVirtualMachineHostname_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

### 3.6.4.25.1.1 IMultiPointServer\_GetVirtualMachineHostname\_InputMessage Message

A **WSDL message** containing the request for the **GetVirtualMachineHostname WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/GetVirtualMachineHostname
<wsdl:message name="IMultiPointServer_GetVirtualMachineHostname_InputMessage">
  <wsdl:part name="GetVirtualMachineHostname" element="tns:GetVirtualMachineHostname"/>
</wsdl:message>
```

### 3.6.4.25.1.2 IMultiPointServer\_GetVirtualMachineHostname\_OutputMessage Message

A **WSDL message** containing the response for the **GetVirtualMachineHostname WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/GetVirtualMachineHostnameResponse
<wsdl:message name="IMultiPointServer_GetVirtualMachineHostname_OutputMessage">
  <wsdl:part name="GetVirtualMachineHostnameResponse"
  element="tns:GetVirtualMachineHostnameResponse"/>
</wsdl:message>
```

### 3.6.4.25.1.3 IMultiPointServer\_GetVirtualMachineHostname\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **GetVirtualMachineHostname WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointServer_GetVirtualMachineHostname_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.6.4.25.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<GetVirtualMachineHostname>	Input parameters element



Element	Description
<GetVirtualMachineHostnameResponse>	Output data element

### 3.6.4.25.2.1 GetVirtualMachineHostname

```
<xsd:element name="GetVirtualMachineHostname"
type="q1:GetVirtualMachineHostnameRequestBody"/>
```

### 3.6.4.25.2.2 GetVirtualMachineHostnameResponse

```
<xsd:element name="GetVirtualMachineHostnameResponse"
type="tns:GetVirtualMachineHostnameResponseBody"/>
```

### 3.6.4.25.3 Complex Types

The following table summarizes the **XML Schema** complex type definitions that are specific to this operation.

Complex Type	Description
<GetVirtualMachineHostnameRequestBody>	XML supplying the input parameters
<GetVirtualMachineHostnameResponseBody>	XML supplying the output parameters

#### 3.6.4.25.3.1 GetVirtualMachineHostnameRequestBody

```
<xsd:complexType name="GetVirtualMachineHostnameRequestBody"/>
```

#### 3.6.4.25.3.2 GetVirtualMachineHostnameResponseBody

```
<xsd:complexType name="GetVirtualMachineHostnameResponseBody">
  <xsd:sequence>
    <xsd:element minOccurs="1" maxOccurs="1" name="pwsVirtualMachineHostname"
type="xsd:string"/>
  </xsd:sequence>
</xsd:complexType>
```

**pwsVirtualMachineHostname:** Contains the host name of the virtual machine.

### 3.6.4.26 GetWmsWebLimiting Operation

The **GetWmsWebLimiting** method requests that the server return the current web limiting configuration. This operation **MUST** be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="GetWmsWebLimiting">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetWmsWebLimiting"
name="IMultiPointServer_GetWmsWebLimiting_InputMessage"
message="tns:IMultiPointServer_GetWmsWebLimiting_InputMessage"/>
```

```

    <wsdl:output
      wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetWmsWebLimitingResponse"
      name="IMultiPointServer_GetWmsWebLimiting_OutputMessage"
      message="tns:IMultiPointServer_GetWmsWebLimiting_OutputMessage"/>
    <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
      message="tns:IMultiPointServer_GetWmsWebLimiting_WmsFaultType_FaultMessage"/>
  </wsdl:operation>

```

### 3.6.4.26.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_GetWmsWebLimiting_InputMessage	This message requests the current web limiting configuration.
IMultiPointServer_GetWmsWebLimiting_OutputMessage	This message contains the current web limiting configuration.
IMultiPointServer_GetWmsWebLimiting_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.6.4.26.1.1 IMultiPointServer\_GetWmsWebLimiting\_InputMessage Message

A **WSDL message** containing the request for the **GetWmsWebLimiting WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointServer/GetWmsWebLimiting
<wsdl:message name="IMultiPointServer_GetWmsWebLimiting_InputMessage">
  <wsdl:part name="GetWmsWebLimiting" element="tns:GetWmsWebLimiting"/>
</wsdl:message>

```

#### 3.6.4.26.1.2 IMultiPointServer\_GetWmsWebLimiting\_OutputMessage Message

A **WSDL message** containing the response for the **GetWmsWebLimiting WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointServer/GetWmsWebLimitingResponse
<wsdl:message name="IMultiPointServer_GetWmsWebLimiting_OutputMessage">
  <wsdl:part name="GetWmsWebLimitingResponse" element="tns:GetWmsWebLimitingResponse"/>
</wsdl:message>

```

#### 3.6.4.26.1.3 IMultiPointServer\_GetWmsWebLimiting\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **GetWmsWebLimiting WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointServer_GetWmsWebLimiting_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>

```

```
</wsdl:message>
```

### 3.6.4.26.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<GetWmsWebLimiting>	Input parameters element
<GetWmsWebLimitingResponse>	Output data element

#### 3.6.4.26.2.1 GetWmsWebLimiting

```
<xsd:element name="GetWmsWebLimiting" type="q1:GetWmsWebLimitingRequestBody"/>
```

#### 3.6.4.26.2.2 GetWmsWebLimitingResponse

```
<xsd:element name="GetWmsWebLimitingResponse" type="tns:GetWmsWebLimitingResponseBody"/>
```

### 3.6.4.26.3 Complex Types

The following table summarizes the **XML Schema** complex type definitions that are specific to this operation.

Complex type	Description
<GetWmsWebLimitingRequestBody>	XML supplying the input parameters
<GetWmsWebLimitingResponseBody>	XML supplying the output parameters

#### 3.6.4.26.3.1 GetWmsWebLimitingRequestBody

```
<xsd:complexType name="GetWmsWebLimitingRequestBody"/>
```

#### 3.6.4.26.3.2 GetWmsWebLimitingResponseBody

```
<xsd:complexType name="GetWmsWebLimitingResponseBody">  
  <xsd:sequence>  
    <xsd:element minOccurs="1" maxOccurs="1" name="pfIsInLimiting" type="xsd:boolean"/>  
    <xsd:element minOccurs="1" maxOccurs="1" name="pfIsAllowList" type="xsd:boolean"/>  
    <xsd:element minOccurs="1" maxOccurs="1" name="pwsAllowList" type="xsd:string"/>  
    <xsd:element minOccurs="1" maxOccurs="1" name="pwsBlockList" type="xsd:string"/>  
  </xsd:sequence>  
</xsd:complexType>
```

**pfIsInLimiting:** Contains "true" if web limiting is enabled.

**pfIsAllowList:** Contains "true" if white list is enabled.

**pwsAllowList:** Contains a list of allowed web sites.

**pwsBlockList:** Contains a list of blocked web sites.

### 3.6.4.27 IsAdminOrchestrationMode Operation

The **IsAdminOrchestrationMode** method queries the server to determine if orchestration, monitoring, and management of user sessions are currently enabled for administrator users. <11> This operation MUST be authenticated by using either the Server Management Credentials or the Server Control Credentials (section 3.4.1).

```
<wsdl:operation name="IsAdminOrchestrationMode">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/IsAdminOrchestrationMode"
    name="IMultiPointServer_IsAdminOrchestrationMode_InputMessage"
    message="tns:IMultiPointServer_IsAdminOrchestrationMode_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/IsAdminOrchestrationModeRes
    ponse" name="IMultiPointServer_IsAdminOrchestrationMode_OutputMessage"
    message="tns:IMultiPointServer_IsAdminOrchestrationMode_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointServer_IsAdminOrchestrationMode_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.6.4.27.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_IsAdminOrchestrationMode_InputMessage	This message requests the server's current admin orchestration mode configuration.
IMultiPointServer_IsAdminOrchestrationMode_OutputMessage	This message contains the server's current admin orchestration mode configuration.
IMultiPointServer_IsAdminOrchestrationMode_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

##### 3.6.4.27.1.1 IMultiPointServer\_IsAdminOrchestrationMode\_InputMessage

A **WSDL message** containing the request for the **IsAdminOrchestrationMode WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/IsAdminOrchestrationMode

<wsdl:message name="IMultiPointServer_IsAdminOrchestrationMode_InputMessage">
  <wsdl:part name="IsAdminOrchestrationMode" element="tns:IsAdminOrchestrationMode"/>
</wsdl:message>
```

##### 3.6.4.27.1.2 IMultiPointServer\_IsAdminOrchestrationMode\_OutputMessage

A **WSDL message** containing the response for the **IsAdminOrchestrationMode WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/IsAdminOrchestrationModeResponse
<wsdl:message name="IMultiPointServer_IsAdminOrchestrationMode_OutputMessage">
  <wsdl:part name="IsAdminOrchestrationMode" element="tns:IsAdminOrchestrationModeResponse"/>
</wsdl:message>
```

### 3.6.4.27.1.3 IMultiPointServer\_IsAdminOrchestrationMode\_WmsFaultType\_FaultMessage

A **WSDL message** containing a fault for the **IsAdminOrchestrationMode WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointServer_IsAdminOrchestrationMode_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.6.4.27.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<IsAdminOrchestrationMode>	Input parameters element
<IsAdminOrchestrationModeResponse>	Output data element

#### 3.6.4.27.2.1 IsAdminOrchestrationMode

```
<xsd:element name="IsAdminOrchestrationMode" type="tns:IsAdminOrchestrationModeRequestBody"/>
```

#### 3.6.4.27.2.2 IsAdminOrchestrationModeResponse

```
<xsd:element name="IsAdminOrchestrationModeResponse"
type="ql:IsAdminOrchestrationModeResponseBody"/>
```

### 3.6.4.27.3 Complex Types

The following table summarizes the **XML Schema** complex type definitions that are specific to this operation.

Complex type	Description
<IsAdminOrchestrationModeRequestBody>	XML supplying the input parameters
<IsAdminOrchestrationModeResponseBody>	XML supplying the output parameters

### 3.6.4.27.3.1 IsAdminOrchestrationModeRequestBody

```
<xsd:complexType name="IsAdminOrchestrationModeRequestBody" />
```

### 3.6.4.27.3.2 IsAdminOrchestrationModeResponseBody

```
<xsd:complexType name="IsAdminOrchestrationModeResponseBody">
  <xsd:sequence>
    <xsd:element minOccurs="1" maxOccurs="1" name="pfAdminOrchestrationMode"
      type="xsd:boolean" />
  </xsd:sequence>
</xsd:complexType>
```

**pfAdminOrchestrationMode:** Contains "true", if administrator users can be monitored and managed.

### 3.6.4.28 IsBootToConsoleMode Operation

The **IsBootToConsoleMode** method queries the server for its current boot-to-console mode configuration. This operation MUST be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="IsBootToConsoleMode">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/IsBootToConsoleMode"
    name="IMultiPointServer_IsBootToConsoleMode_InputMessage"
    message="tns:IMultiPointServer_IsBootToConsoleMode_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/IsBootToConsoleModeResponse"
    name="IMultiPointServer_IsBootToConsoleMode_OutputMessage"
    message="tns:IMultiPointServer_IsBootToConsoleMode_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointServer_IsBootToConsoleMode_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.6.4.28.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_IsBootToConsoleMode_InputMessage	This message requests the server's current boot-to-console mode configuration.
IMultiPointServer_IsBootToConsoleMode_OutputMessage	This message contains the server's current boot-to-console mode configuration.
IMultiPointServer_IsBootToConsoleMode_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.6.4.28.1.1 IMultiPointServer\_IsBootToConsoleMode\_InputMessage Message

A **WSDL message** containing the request for the **IsBootToConsoleMode WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/IsBootToConsoleMode
<wsdl:message name="IMultiPointServer_IsBootToConsoleMode_InputMessage">
  <wsdl:part name="IsBootToConsoleMode" element="tns:IsBootToConsoleMode"/>
</wsdl:message>
```

#### 3.6.4.28.1.2 IMultiPointServer\_IsBootToConsoleMode\_OutputMessage Message

A **WSDL message** containing the response for the **IsBootToConsoleMode WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/IsBootToConsoleModeResponse
<wsdl:message name="IMultiPointServer_IsBootToConsoleMode_OutputMessage">
  <wsdl:part name="IsBootToConsoleModeResponse" element="tns:IsBootToConsoleModeResponse"/>
</wsdl:message>
```

#### 3.6.4.28.1.3 IMultiPointServer\_IsBootToConsoleMode\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **IsBootToConsoleMode WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointServer_IsBootToConsoleMode_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.6.4.28.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<IsBootToConsoleMode>	Input parameters element
<IsBootToConsoleModeResponse>	Output data element

#### 3.6.4.28.2.1 IsBootToConsoleMode

```
<xsd:element name="IsBootToConsoleMode">
  <xsd:complexType/>
</xsd:element>
```

#### 3.6.4.28.2.2 IsBootToConsoleModeResponse

```
<xsd:element name="IsBootToConsoleModeResponse">
  <xsd:complexType>
    <xsd:sequence>
```

```

    <xsd:element minOccurs="1" maxOccurs="1" name="pfBootToConsoleMode"
type="xsd:boolean"/>
  </xsd:sequence>
</xsd:complexType>
</xsd:element>

```

**pfBootToConsoleMode:** Contains "true" if boot-to-console mode is enabled, or "false" if multi-station mode is enabled.

### 3.6.4.28.3 Complex Types

None.

### 3.6.4.29 IsCeipEnabled Operation

The **IsCeipEnabled** method queries the server's current Windows Customer Experience Improvement Program configuration. [<12>](#) This operation MUST be authenticated by using Server Control Credentials (section [3.4.1](#)).

```

<wsdl:operation name="IsCeipEnabled">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/IsCeipEnabled"
name="IMultiPointServer_IsCeipEnabled_InputMessage"
message="tns:IMultiPointServer_IsCeipEnabled_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/IsCeipEnabledResponse"
name="IMultiPointServer_IsCeipEnabled_OutputMessage"
message="tns:IMultiPointServer_IsCeipEnabled_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointServer_IsCeipEnabled_WmsFaultType_FaultMessage"/>
</wsdl:operation>

```

#### 3.6.4.29.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_IsCeipEnabled_InputMessage	This message requests the server's current Windows Customer Experience Improvement Program configuration.
IMultiPointServer_IsCeipEnabled_OutputMessage	This message contains the server's current Windows Customer Experience Improvement Program configuration.
IMultiPointServer_IsCeipEnabled_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

##### 3.6.4.29.1.1 IMultiPointServer\_IsCeipEnabled\_InputMessage Message

A **WSDL message** containing the request for the **IsCeipEnabled WSDL operation**.

The **SOAP action** value is:



```

http://MultiPoint/RemoteManagement/IMultiPointServer/IsCeipEnabled
<wsdl:message name="IMultiPointServer_IsCeipEnabled_InputMessage">
  <wsdl:part name="IsCeipEnabled" element="tns:IsCeipEnabled"/>
</wsdl:message>

```

### 3.6.4.29.1.2 IMultiPointServer\_IsCeipEnabled\_OutputMessage Message

A **WSDL message** containing the response for the **IsCeipEnabled WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointServer/IsCeipEnabledResponse
<wsdl:message name="IMultiPointServer_IsCeipEnabled_OutputMessage">
  <wsdl:part name="IsCeipEnabledResponse" element="tns:IsCeipEnabledResponse"/>
</wsdl:message>

```

### 3.6.4.29.1.3 IMultiPointServer\_IsCeipEnabled\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **IsCeipEnabled WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointServer_IsCeipEnabled_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>

```

## 3.6.4.29.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<IsCeipEnabled>	Input parameters element
<IsCeipEnabledResponse>	Output data element

### 3.6.4.29.2.1 IsCeipEnabled

```

<xsd:element name="IsCeipEnabled" nillable="true">
  <xsd:complexType/>
</xsd:element>

```

### 3.6.4.29.2.2 IsCeipEnabledResponse

```

<xsd:element name="IsCeipEnabledResponse" nillable="true">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="pfEnabled" type="xsd:boolean"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>

```

**pfEnabled:** Contains "true" if the Windows Customer Experience Improvement Program is enabled, or "false" if it is disabled.

### 3.6.4.29.3 Complex Types

None.

### 3.6.4.30 IsChatEnabled Operation

The **IsChatEnabled** method queries the server's current chat feature configuration. <13> This operation MUST be authenticated by using either the Server Management Credentials or the Server Control Credentials (section 3.4.1).

```
<wsdl:operation name="IsChatEnabled">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/IsChatEnabled"
    name="IMultiPointServer_IsChatEnabled_InputMessage"
    message="tns:IMultiPointServer_IsChatEnabled_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/IsChatEnabledResponse"
    name="IMultiPointServer_IsChatEnabled_OutputMessage"
    message="tns:IMultiPointServer_IsChatEnabled_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
    name="WmsFaultType"
    message="tns:IMultiPointServer_IsChatEnabled_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.6.4.30.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_IsChatEnabled_InputMessage	This message requests the server's current Chat configuration.
IMultiPointServer_IsChatEnabled_OutputMessage	This message contains the server's current Chat configuration.
IMultiPointServer_IsChatEnabled_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.6.4.30.1.1 IMultiPointServer\_IsChatEnabled\_InputMessage Message

A **WSDL message** containing the request for the **IsChatEnabled WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/IsChatEnabled
<wsdl:message name="IMultiPointServer_IsChatEnabled_InputMessage">
  <wsdl:part name="IsChatEnabled" element="tns:IsChatEnabled"/>
</wsdl:message>
```

#### 3.6.4.30.1.2 IMultiPointServer\_IsChatEnabled\_OutputMessage Message

A **WSDL message** containing the response for the **IsChatEnabled WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/IsChatEnabledResponse
<wsdl:message name="IMultiPointServer_IsChatEnabled_OutputMessage">
  <wsdl:part name="IsChatEnabledResponse" element="tns:IsChatEnabledResponse"/>
</wsdl:message>
```

### 3.6.4.30.1.3 IMultiPointServer\_IsChatEnabled\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **IsChatEnabled WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointServer_IsChatEnabled_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.6.4.30.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<IsChatEnabled>	Input parameters element
<IsChatEnabledResponse>	Output data element

#### 3.6.4.30.2.1 IsChatEnabled

```
<xsd:element name="IsChatEnabled">
  <xsd:complexType/>
</xsd:element>
```

#### 3.6.4.30.2.2 IsChatEnabledResponse

```
<xsd:element name="IsChatEnabledResponse">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="pfEnabled" type="xsd:boolean"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**pfEnabled:** Contains "true" if the chat system is enabled or "false" if it is disabled.

### 3.6.4.30.3 Complex Types

None.

### 3.6.4.31 IsDesktopMonitoringAllowed Operation

The **IsDesktopMonitoringAllowed** method requests the server's current desktop monitoring configuration. This operation **MUST** be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="IsDesktopMonitoringAllowed">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/IsDesktopMonitoringAllowed"
    name="IMultiPointServer_IsDesktopMonitoringAllowed_InputMessage"
    message="tns:IMultiPointServer_IsDesktopMonitoringAllowed_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/IsDesktopMonitoringAllowedR
    esponse" name="IMultiPointServer_IsDesktopMonitoringAllowed_OutputMessage"
    message="tns:IMultiPointServer_IsDesktopMonitoringAllowed_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointServer_IsDesktopMonitoringAllowed_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.6.4.31.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_IsDesktopMonitoringAllowed_InputMessage	This message requests the server's current desktop monitoring configuration.
IMultiPointServer_IsDesktopMonitoringAllowed_OutputMessage	This message contains the server's current desktop monitoring configuration.
IMultiPointServer_IsDesktopMonitoringAllowed_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

##### 3.6.4.31.1.1 IMultiPointServer\_IsDesktopMonitoringAllowed\_InputMessage Message

A **WSDL message** containing the request for the **IsDesktopMonitoringAllowed WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/IsDesktopMonitoringAllowed
<wsdl:message name="IMultiPointServer_IsDesktopMonitoringAllowed_InputMessage">
  <wsdl:part name="IsDesktopMonitoringAllowed" element="tns:IsDesktopMonitoringAllowed"/>
</wsdl:message>
```

##### 3.6.4.31.1.2 IMultiPointServer\_IsDesktopMonitoringAllowed\_OutputMessage Message

A **WSDL message** containing the response for the **IsDesktopMonitoringAllowed WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointServer/IsDesktopMonitoringAllowedResponse
<wsdl:message name="IMultiPointServer_IsDesktopMonitoringAllowed_OutputMessage">
  <wsdl:part name="IsDesktopMonitoringAllowedResponse"
element="tns:IsDesktopMonitoringAllowedResponse"/>
</wsdl:message>

```

### 3.6.4.31.1.3 IMultiPointServer\_IsDesktopMonitoringAllowed\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **IsDesktopMonitoringAllowed WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointServer_IsDesktopMonitoringAllowed_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>

```

### 3.6.4.31.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<IsDesktopMonitoringAllowed>	Input parameters element
<IsDesktopMonitoringAllowedResponse>	Output data element

#### 3.6.4.31.2.1 IsDesktopMonitoringAllowed

```

<xsd:element name="IsDesktopMonitoringAllowed">
  <xsd:complexType/>
</xsd:element>

```

#### 3.6.4.31.2.2 IsDesktopMonitoringAllowedResponse

```

<xsd:element name="IsDesktopMonitoringAllowedResponse">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="pfDesktopMonitoringAllowed"
type="xsd:boolean"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>

```

**pfDesktopMonitoringAllowed:** Contains "true" if desktop monitoring is allowed, or "false" if it is not.

### 3.6.4.31.3 Complex Types

None.

### 3.6.4.32 IsHypervisorPresent Operation

The **IsHypervisorPresent** method queries the server to determine if it is currently running under a hypervisor. This operation **MUST** be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="IsHypervisorPresent">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/IsHypervisorPresent"
    name="IMultiPointServer_IsHypervisorPresent_InputMessage"
    message="tns:IMultiPointServer_IsHypervisorPresent_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/IsHypervisorPresentResponse"
    name="IMultiPointServer_IsHypervisorPresent_OutputMessage"
    message="tns:IMultiPointServer_IsHypervisorPresent_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointServer_IsHypervisorPresent_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.6.4.32.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_IsHypervisorPresent_InputMessage	This message queries if the server is running under a hypervisor.
IMultiPointServer_IsHypervisorPresent_OutputMessage	This message indicates if the server is running under a hypervisor.
IMultiPointServer_IsHypervisorPresent_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

##### 3.6.4.32.1.1 IMultiPointServer\_IsHypervisorPresent\_InputMessage Message

A **WSDL message** containing the request for the **IsHypervisorPresent WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/IsHypervisorPresent
<wsdl:message name="IMultiPointServer_IsHypervisorPresent_InputMessage">
  <wsdl:part name="IsHypervisorPresent" element="tns:IsHypervisorPresent"/>
</wsdl:message>
```

##### 3.6.4.32.1.2 IMultiPointServer\_IsHypervisorPresent\_OutputMessage Message

A **WSDL message** containing the response for the **IsHypervisorPresent WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/IsHypervisorPresentResponse
<wsdl:message name="IMultiPointServer_IsHypervisorPresent_OutputMessage">
  <wsdl:part name="IsHypervisorPresentResponse" element="tns:IsHypervisorPresentResponse"/>
</wsdl:message>
```

### 3.6.4.32.1.3 IMultiPointServer\_IsHypervisorPresent\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **IsHypervisorPresent WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointServer_IsHypervisorPresent_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.6.4.32.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<IsHypervisorPresent>	Input parameters element
<IsHypervisorPresentResponse>	Output data element

#### 3.6.4.32.2.1 IsHypervisorPresent

```
<xsd:element name="IsHypervisorPresent">
  <xsd:complexType/>
</xsd:element>
```

#### 3.6.4.32.2.2 IsHypervisorPresentResponse

```
<xsd:element name="IsHypervisorPresentResponse">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="pfHypervisorPresent"
type="xsd:boolean"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**pfHypervisorPresent:** Contains "true" if the server is running under a hypervisor, or "false" if it is not.

### 3.6.4.32.3 Complex Types

None.

### 3.6.4.33 IsSingleSessionPerUser Operation

The **IsSingleSessionPerUser** method gets the single session per user-feature enable state. This operation **MUST** be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="IsSingleSessionPerUser">
```

```

    <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/IsSingleSessionPerUser"
name="IMultiPointServer_IsSingleSessionPerUser_InputMessage"
message="tns:IMultiPointServer_IsSingleSessionPerUser_InputMessage"/>
    <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/IsSingleSessionPerUserRespo
nse" name="IMultiPointServer_IsSingleSessionPerUser_OutputMessage"
message="tns:IMultiPointServer_IsSingleSessionPerUser_OutputMessage"/>
    <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointServer_IsSingleSessionPerUser_WmsFaultType_FaultMessage"/>
</wsdl:operation>

```

### 3.6.4.33.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_IsSingleSessionPerUser_InputMessage	This message requests the server's single session per user configuration.
IMultiPointServer_IsSingleSessionPerUser_OutputMessage	This message contains the server's current single session per user configuration.
IMultiPointServer_IsSingleSessionPerUser_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.6.4.33.1.1 IMultiPointServer\_IsSingleSessionPerUser\_InputMessage Message

A **WSDL message** containing the request for the **IsSingleSessionPerUser WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointServer/IsSingleSessionPerUser
<wsdl:message name="IMultiPointServer_IsSingleSessionPerUser_InputMessage">
  <wsdl:part name="IsSingleSessionPerUser" element="tns:IsSingleSessionPerUser"/>
</wsdl:message>

```

#### 3.6.4.33.1.2 IMultiPointServer\_IsSingleSessionPerUser\_OutputMessage Message

A **WSDL message** containing the response for the **IsSingleSessionPerUser WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointServer/IsSingleSessionPerUserResponse
<wsdl:message name="IMultiPointServer_IsSingleSessionPerUser_OutputMessage">
  <wsdl:part name="IsSingleSessionPerUserResponse"
element="tns:IsSingleSessionPerUserResponse"/>
</wsdl:message>

```

#### 3.6.4.33.1.3 IMultiPointServer\_IsSingleSessionPerUser\_WmsFaultType\_FaultMessage Message



A **WSDL message** containing a fault for the **IsSingleSessionPerUser WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointServer_IsSingleSessionPerUser_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.6.4.33.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<IsSingleSessionPerUser>	Input parameters element
<IsSingleSessionPerUserResponse>	Output data element

#### 3.6.4.33.2.1 IsSingleSessionPerUser

```
<xsd:element name="IsSingleSessionPerUser">
  <xsd:complexType/>
</xsd:element>
```

#### 3.6.4.33.2.2 IsSingleSessionPerUserResponse

```
<xsd:element name="IsSingleSessionPerUserResponse">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="pfSingleSessionPerUser"
type="xsd:boolean"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**pfSingleSessionPerUser:** Contains "true" if each user can have only a single session, or "false" if users can have multiple sessions.

### 3.6.4.33.3 Complex Types

None.

### 3.6.4.34 IsSuppressPrivacyNotificationSet Operation

The **IsSuppressPrivacyNotificationSet** method requests the server's current privacy notice configuration. It can be currently suppressed or enabled. This operation **MUST** be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="IsSuppressPrivacyNotificationSet">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/IsSuppressPrivacyNotificati
onSet" name="IMultiPointServer_IsSuppressPrivacyNotificationSet_InputMessage"
message="tns:IMultiPointServer_IsSuppressPrivacyNotificationSet_InputMessage"/>
```

```

    <wsdl:output
      wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/IsSuppressPrivacyNotificationSetResponse" name="IMultiPointServer_IsSuppressPrivacyNotificationSet_OutputMessage"
      message="tns:IMultiPointServer_IsSuppressPrivacyNotificationSet_OutputMessage"/>
    <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
      message="tns:IMultiPointServer_IsSuppressPrivacyNotificationSet_WmsFaultType_FaultMessage"/>
  </wsdl:operation>

```

### 3.6.4.34.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_IsSuppressPrivacyNotificationSet_InputMessage	This message requests the server's current privacy notice configuration state.
IMultiPointServer_IsSuppressPrivacyNotificationSet_OutputMessage	This message contains the server's current privacy notice configuration state.
IMultiPointServer_IsSuppressPrivacyNotificationSet_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.6.4.34.1.1 IMultiPointServer\_IsSuppressPrivacyNotificationSet\_InputMessage Message

A **WSDL message** containing the request for the **IsSuppressPrivacyNotificationSet WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointServer/IsSuppressPrivacyNotificationSet
<wsdl:message name="IMultiPointServer_IsSuppressPrivacyNotificationSet_InputMessage">
  <wsdl:part name="IsSuppressPrivacyNotificationSet"
    element="tns:IsSuppressPrivacyNotificationSet"/>
</wsdl:message>

```

#### 3.6.4.34.1.2 IMultiPointServer\_IsSuppressPrivacyNotificationSet\_OutputMessage Message

A **WSDL message** containing the response for **IsSuppressPrivacyNotificationSet WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointServer/IsSuppressPrivacyNotificationSetResponse
<wsdl:message name="IMultiPointServer_IsSuppressPrivacyNotificationSet_OutputMessage">
  <wsdl:part name="IsSuppressPrivacyNotificationSetResponse"
    element="tns:IsSuppressPrivacyNotificationSetResponse"/>
</wsdl:message>

```

### 3.6.4.34.1.3 IMultiPointServer\_IsSuppressPrivacyNotificationSet\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **IsSuppressPrivacyNotificationSet WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message
  name="IMultiPointServer_IsSuppressPrivacyNotificationSet_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.6.4.34.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<IsSuppressPrivacyNotificationSet>	Input parameters element
<IsSuppressPrivacyNotificationSetResponse>	Output data element

#### 3.6.4.34.2.1 IsSuppressPrivacyNotificationSet

```
<xsd:element name="IsSuppressPrivacyNotificationSet">
  <xsd:complexType/>
</xsd:element>
```

#### 3.6.4.34.2.2 IsSuppressPrivacyNotificationSetResponse

```
<xsd:element name="IsSuppressPrivacyNotificationSetResponse">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="pfSuppressPrivacyNotificationSet"
        type="xsd:boolean"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**pfSuppressPrivacyNotificationSet:** Contains "true" if the privacy notice is currently set to disabled, or "false" if it is currently enabled.

### 3.6.4.34.3 Complex Types

None.

### 3.6.4.35 IsVirtualIpPerSessionEnabled Operation

The **IsVirtualIpPerSessionEnabled** method requests the server's current virtual IP per session configuration. This operation **MUST** be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="IsVirtualIpPerSessionEnabled">
```

```

    <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/IsVirtualIpPerSessionEnabled"
name="IMultiPointServer_IsVirtualIpPerSessionEnabled_InputMessage"
message="tns:IMultiPointServer_IsVirtualIpPerSessionEnabled_InputMessage"/>
    <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/IsVirtualIpPerSessionEnabledResponse"
name="IMultiPointServer_IsVirtualIpPerSessionEnabled_OutputMessage"
message="tns:IMultiPointServer_IsVirtualIpPerSessionEnabled_OutputMessage"/>
    <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointServer_IsVirtualIpPerSessionEnabled_WmsFaultType_FaultMessage"/>
</wsdl:operation>

```

### 3.6.4.35.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_IsVirtualIpPerSessionEnabled_InputMessage	This message requests the state of the server's virtual IP per session configuration.
IMultiPointServer_IsVirtualIpPerSessionEnabled_OutputMessage	This message contains the current virtual IP per session configuration.
IMultiPointServer_IsVirtualIpPerSessionEnabled_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.6.4.35.1.1 IMultiPointServer\_IsVirtualIpPerSessionEnabled\_InputMessage Message

A **WSDL message** containing the request for the **IsVirtualIpPerSessionEnabled WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointServer/IsVirtualIpPerSessionEnabled
<wsdl:message name="IMultiPointServer_IsVirtualIpPerSessionEnabled_InputMessage">
  <wsdl:part name="IsVirtualIpPerSessionEnabled" element="tns:IsVirtualIpPerSessionEnabled"/>
</wsdl:message>

```

#### 3.6.4.35.1.2 IMultiPointServer\_IsVirtualIpPerSessionEnabled\_OutputMessage Message

A **WSDL message** containing the response for the **IsVirtualIpPerSessionEnabled WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointServer/IsVirtualIpPerSessionEnabledResponse
<wsdl:message name="IMultiPointServer_IsVirtualIpPerSessionEnabled_OutputMessage">
  <wsdl:part name="IsVirtualIpPerSessionEnabledResponse"
element="tns:IsVirtualIpPerSessionEnabledResponse"/>
</wsdl:message>

```

### 3.6.4.35.1.3 IMultiPointServer\_IsVirtualIpPerSessionEnabled\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **IsVirtualIpPerSessionEnabled WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message
  name="IMultiPointServer_IsVirtualIpPerSessionEnabled_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.6.4.35.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<IsVirtualIpPerSessionEnabled>	Input parameters element
<IsVirtualIpPerSessionEnabledResponse>	Output data element

#### 3.6.4.35.2.1 IsVirtualIpPerSessionEnabled

```
<xsd:element name="IsVirtualIpPerSessionEnabled">
  <xsd:complexType/>
</xsd:element>
```

#### 3.6.4.35.2.2 IsVirtualIpPerSessionEnabledResponse

```
<xsd:element name="IsVirtualIpPerSessionEnabledResponse">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="pfEnabled" type="xsd:boolean"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**pfEnabled:** Contains "true" if a unique IP address is being used for each session, or "false" if all sessions are sharing the server's IP address.

### 3.6.4.35.3 Complex Types

None.

### 3.6.4.36 IsWauEnabled Operation

The **IsWauEnabled** method queries the type of Windows Updates allowed on the server. [<14>](#) For more information on Windows Updates, see [\[MSDN-WUA-API\]](#). This operation MUST be authenticated by using Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="IsWauEnabled">
```

```

    <wsdl:input wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/IsWauEnabled"
    name="IMultiPointServer_IsWauEnabled_InputMessage"
    message="tns:IMultiPointServer_IsWauEnabled_InputMessage"/>
    <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/IsWauEnabledResponse"
    name="IMultiPointServer_IsWauEnabled_OutputMessage"
    message="tns:IMultiPointServer_IsWauEnabled_OutputMessage"/>
    <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointServer_IsWauEnabled_WmsFaultType_FaultMessage"/>
</wsdl:operation>

```

### 3.6.4.36.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_IsWauEnabled_InputMessage	This message requests the state of Windows Updates on the server. For more information on Windows Updates see <a href="#">[MSDN-WUAAPI]</a> .
IMultiPointServer_IsWauEnabled_OutputMessage	This message contains the state of Windows Updates on the server.
IMultiPointServer_IsWauEnabled_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.6.4.36.1.1 IMultiPointServer\_IsWauEnabled\_InputMessage Message

A **WSDL message** containing the request for the **IsWauEnabled WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointServer/IsWauEnabled
<wsdl:message name="IMultiPointServer_IsWauEnabled_InputMessage">
  <wsdl:part name="IsWauEnabled" element="tns:IsWauEnabled"/>
</wsdl:message>

```

#### 3.6.4.36.1.2 IMultiPointServer\_IsWauEnabled\_OutputMessage Message

A **WSDL message** containing the response for the **IsWauEnabled WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointServer/IsWauEnabledResponse
<wsdl:message name="IMultiPointServer_IsWauEnabled_OutputMessage">
  <wsdl:part name="IsWauEnabledResponse" element="tns:IsWauEnabledResponse"/>
</wsdl:message>

```

#### 3.6.4.36.1.3 IMultiPointServer\_IsWauEnabled\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **IsWauEnabled WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointServer_IsWauEnabled_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>

```

### 3.6.4.36.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<IsWauEnabled>	Input parameters element
<IsWauEnabledResponse>	Output data element

#### 3.6.4.36.2.1 IsWauEnabled

```

<xsd:element name="IsWauEnabled" nillable="true">
  <xsd:complexType/>
</xsd:element>

```

#### 3.6.4.36.2.2 IsWauEnabledResponse

```

<xsd:element name="IsWauEnabledResponse" nillable="true">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="peWauSetting" type="xsd:unsignedInt"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>

```

**peWauSetting:** Contains an unsigned integer with the following possible values:

Value	Meaning
0	Disabled
1	Important Only
2	Recommended

### 3.6.4.36.3 Complex Types

None.

### 3.6.4.37 IsWerEnabled Operation

The **IsWerEnabled** method returns the enable state of Windows Error Reporting on the server. [<15>](#) For more information on Windows Error Reporting, see [\[MSDN-WER\]](#). This operation MUST be authenticated by using Server Control Credentials (section [3.4.1](#)).

```

<wsdl:operation name="IsWerEnabled">

```

```

    <wsdl:input wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/IsWerEnabled"
    name="IMultiPointServer_IsWerEnabled_InputMessage"
    message="tns:IMultiPointServer_IsWerEnabled_InputMessage"/>
    <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/IsWerEnabledResponse"
    name="IMultiPointServer_IsWerEnabled_OutputMessage"
    message="tns:IMultiPointServer_IsWerEnabled_OutputMessage"/>
    <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointServer_IsWerEnabled_WmsFaultType_FaultMessage"/>
</wsdl:operation>

```

### 3.6.4.37.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_IsWerEnabled_InputMessage	This message requests the enable state of Windows Error Reporting on the server. For more information on Windows Error Reporting see <a href="#">[MSDN-WER]</a> .
IMultiPointServer_IsWerEnabled_OutputMessage	This message contains the enable state of Windows Error Reporting on the server.
IMultiPointServer_IsWerEnabled_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.6.4.37.1.1 IMultiPointServer\_IsWerEnabled\_InputMessage Message

A **WSDL message** containing the request for the **IsWerEnabled WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointServer/IsWerEnabled
<wsdl:message name="IMultiPointServer_IsWerEnabled_InputMessage">
  <wsdl:part name="IsWerEnabled" element="tns:IsWerEnabled"/>
</wsdl:message>

```

#### 3.6.4.37.1.2 IMultiPointServer\_IsWerEnabled\_OutputMessage Message

A **WSDL message** containing the response for the **IsWerEnabled WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointServer/IsWerEnabledResponse
<wsdl:message name="IMultiPointServer_IsWerEnabled_OutputMessage">
  <wsdl:part name="IsWerEnabledResponse" element="tns:IsWerEnabledResponse"/>
</wsdl:message>

```

#### 3.6.4.37.1.3 IMultiPointServer\_IsWerEnabled\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **IsWerEnabled WSDL operation**.

The **SOAP action** value is:



```

http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointServer_IsWerEnabled_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>

```

### 3.6.4.37.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<IsWerEnabled>	Input parameters element
<IsWerEnabledResponse>	Output data element

#### 3.6.4.37.2.1 IsWerEnabled

```

<xsd:element name="IsWerEnabled" nillable="true">
  <xsd:complexType/>
</xsd:element>

```

#### 3.6.4.37.2.2 IsWerEnabledResponse

```

<xsd:element name="IsWerEnabledResponse" nillable="true">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="pfEnabled" type="xsd:boolean"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>

```

**pfEnabled:** Contains "true" if Windows Error Reporting is enabled, or "false" if it is disabled. For more information on Windows Error Reporting see [\[MSDN-WER\]](#).

### 3.6.4.37.3 Complex Types

None.

### 3.6.4.38 LoadWindowsEdition Operation

The **LoadWindowsEdition** method requests the server's operating system edition name. This operation **MUST** be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```

<wsdl:operation name="LoadWindowsEdition">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/LoadWindowsEdition"
name="IMultiPointServer_LoadWindowsEdition_InputMessage"
message="tns:IMultiPointServer_LoadWindowsEdition_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/LoadWindowsEditionResponse"
name="IMultiPointServer_LoadWindowsEdition_OutputMessage"
message="tns:IMultiPointServer_LoadWindowsEdition_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointServer_LoadWindowsEdition_WmsFaultType_FaultMessage"/>

```

</wsdl:operation>

### 3.6.4.38.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_LoadWindowsEdition_InputMessage	This message requests the server's operating system edition name.
IMultiPointServer_LoadWindowsEdition_OutputMessage	This message contains the operating system edition name.
IMultiPointServer_LoadWindowsEdition_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.6.4.38.1.1 IMultiPointServer\_LoadWindowsEdition\_InputMessage Message

A **WSDL message** containing the request for the **LoadWindowsEdition WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/LoadWindowsEdition
<wsdl:message name="IMultiPointServer_LoadWindowsEdition_InputMessage">
  <wsdl:part name="LoadWindowsEdition" element="tns:LoadWindowsEdition"/>
</wsdl:message>
```

#### 3.6.4.38.1.2 IMultiPointServer\_LoadWindowsEdition\_OutputMessage Message

A **WSDL message** containing the response for the **LoadWindowsEdition WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/LoadWindowsEditionResponse
<wsdl:message name="IMultiPointServer_LoadWindowsEdition_OutputMessage">
  <wsdl:part name="LoadWindowsEditionResponse" element="tns:LoadWindowsEditionResponse"/>
</wsdl:message>
```

#### 3.6.4.38.1.3 IMultiPointServer\_LoadWindowsEdition\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **LoadWindowsEdition WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointServer_LoadWindowsEdition_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.6.4.38.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<LoadWindowsEdition>	Input parameters element
<LoadWindowsEditionResponse>	Output data element

### 3.6.4.38.2.1 LoadWindowsEdition

```
<xsd:element name="LoadWindowsEdition" type="q1:LoadWindowsEditionRequestBody"/>
```

### 3.6.4.38.2.2 LoadWindowsEditionResponse

```
<xsd:element name="LoadWindowsEditionResponse" type="tns:LoadWindowsEditionResponseBody"/>
```

### 3.6.4.38.3 Complex Types

The following table summarizes the **XML Schema** complex type definitions that are specific to this operation.

Complex type	Description
<LoadWindowsEditionRequestBody>	XML supplying the input parameters
<LoadWindowsEditionResponseBody>	XML supplying the output parameters

#### 3.6.4.38.3.1 LoadWindowsEditionRequestBody

```
<xsd:complexType name="LoadWindowsEditionRequestBody"/>
```

#### 3.6.4.38.3.2 LoadWindowsEditionResponseBody

```
<xsd:complexType name="LoadWindowsEditionResponseBody">
  <xsd:sequence>
    <xsd:element minOccurs="1" maxOccurs="1" name="pwsWindowsEdition" type="xsd:string"/>
  </xsd:sequence>
</xsd:complexType>
```

**pwsWindowsEdition:** Contains the edition name of the server operating system.

### 3.6.4.39 OnboardVirtualDesktop Operation

The **OnboardVirtualDesktop** method requests that the server bind the client to the specified virtual machine hosted by the server so that the client can manage the virtual machine. [<16>](#) This operation MUST be authenticated by using Server Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="OnboardVirtualDesktop">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/OnboardVirtualDesktop"
```

```

name="IMultiPointServer_OnboardVirtualDesktop_InputMessage"
message="tns:IMultiPointServer_OnboardVirtualDesktop_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/OnboardVirtualDesktopRespon
se" name="IMultiPointServer_OnboardVirtualDesktop_OutputMessage"
message="tns:IMultiPointServer_OnboardVirtualDesktop_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointServer_OnboardVirtualDesktop_WmsFaultType_FaultMessage"/>
</wsdl:operation>

```

### 3.6.4.39.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_OnboardVirtualDesktop_InputMessage	This message requests that the server bind the client to the specified guest virtual machine hosted by the server.
IMultiPointServer_OnboardVirtualDesktop_OutputMessage	This message contains the virtual machine's binding information.
IMultiPointServer_OnboardVirtualDesktop_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.6.4.39.1.1 IMultiPointServer\_OnboardVirtualDesktop\_InputMessage Message

A **WSDL message** containing the request for the **OnboardVirtualDesktop WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointServer/OnboardVirtualDesktop
<wsdl:message name="IMultiPointServer_OnboardVirtualDesktop_InputMessage">
  <wsdl:part name="OnboardVirtualDesktop" element="tns:OnboardVirtualDesktop"/>
</wsdl:message>

```

#### 3.6.4.39.1.2 IMultiPointServer\_OnboardVirtualDesktop\_OutputMessage Message

A **WSDL message** containing the response for the **OnboardVirtualDesktop WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointServer/OnboardVirtualDesktopResponse
<wsdl:message name="IMultiPointServer_OnboardVirtualDesktop_OutputMessage">
  <wsdl:part name="OnboardVirtualDesktopResponse" element="tns:
OnboardVirtualDesktopResponse"/>
</wsdl:message>

```

#### 3.6.4.39.1.3 IMultiPointServer\_OnboardVirtualDesktop\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **OnboardVirtualDesktop WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointServer_OnboardVirtualDesktop_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.6.4.39.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<OnboardVirtualDesktop>	Input parameters element
<OnboardVirtualDesktopResponse>	Output data element

#### 3.6.4.39.2.1 OnboardVirtualDesktop

```
<xsd:element name="OnboardVirtualDesktop" type="q1:OnboardVirtualDesktop_RequestBody"/>
```

#### 3.6.4.39.2.2 OnboardVirtualDesktopResponse

```
<xsd:element name="OnboardVirtualDesktopResponse"
type="tns:OnboardVirtualDesktopResponseBody"/>
```

### 3.6.4.39.3 Complex Types

The following table summarizes the **XML Schema** complex type definitions that are specific to this operation.

Complex type	Description
<OnboardVirtualDesktopRequestBody>	XML supplying the input parameters
<OnboardVirtualDesktopResponseBody>	XML supplying the output parameters

#### 3.6.4.39.3.1 OnboardVirtualDesktopRequestBody

```
<xsd:complexType name="OnboardVirtualDesktopRequestBody">
  <xsd:sequence>
    <xsd:element minOccurs="1" maxOccurs="1" name="wsVirtualMachineId" type="xsd:string" />
    <xsd:element minOccurs="1" maxOccurs="1" name="wsRemoteFqdn" type="xsd:string" />
  </xsd:sequence>
</xsd:complexType>
```

**wsVirtualMachineId:** Contains the virtual machine ID of the virtual machine to be onboarded.

**wsRemoteFqdn:** Contains the **fully qualified domain name (FQDN)** of the computer requesting to be onboarded (client).

### 3.6.4.39.3.2 OnboardVirtualDesktopResponseBody

```
<xsd:complexType name="OnboardVirtualDesktopResponseBody">
  <xsd:sequence>
    <xsd:element minOccurs="1" maxOccurs="1" name="pSslPort" type="xsd:unsignedInt" />
    <xsd:element minOccurs="1" maxOccurs="1" name="pwsSslCertificateThumbprint"
type="xsd:string" />
    <xsd:element minOccurs="1" maxOccurs="1" name="ppSslCertificate" type="tns:ArrayOfBytes"
/>
    <xsd:element minOccurs="1" maxOccurs="1" name="pwsWmsControlPassword" type="xsd:string"
/>
    <xsd:element minOccurs="1" maxOccurs="1" name="pwsWmsManagementPassword"
type="xsd:string" />
  </xsd:sequence>
</xsd:complexType>
```

**pSslPort:** Contains the port number that the virtual machine listens on for secure requests.

**pwsSslCertificateThumbprint:** Contains the virtual machine's certificate **thumbprint**.

**ppSslCertificate:** Contains the virtual machine's binary **X.509** certificate. Clients MUST verify that the subject name of the certificate matches the host name of the virtual machine. Clients MUST also verify that the certificate's **enhanced key usage (EKU)** supports only **Server Authentication**.

**pwsWmsControlPassword:** A string containing the **WmsControl password** for the virtual machine.

**pwsWmsManagementPassword:** A string containing the **WmsManagement password** for the virtual machine.

### 3.6.4.40 SetAdminOrchestrationMode Operation

The **SetAdminOrchestrationMode** method requests that the server change its configuration regarding administrator sessions and whether they can be monitored and managed. [<17>](#) This operation MUST be authenticated by using Server Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="SetAdminOrchestrationMode">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/SetAdminOrchestrationMode"
name="IMultiPointServer_SetAdminOrchestrationMode_InputMessage"
message="tns:IMultiPointServer_SetAdminOrchestrationMode_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/SetAdminOrchestrationModeRe
sponse" name="IMultiPointServer_SetAdminOrchestrationMode_OutputMessage"
message="tns:IMultiPointServer_SetAdminOrchestrationMode_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointServer_SetAdminOrchestrationMode_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.6.4.40.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_SetAdminOrchestrationMode_InputMessage	This message requests that the server update its configuration.
IMultiPointServer_SetAdminOrchestrationMode_OutputMessage	Response message.

Message	Description
IMultiPointServer_SetAdminOrchestrationMode_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

### 3.6.4.40.1.1 IMultiPointServer\_SetAdminOrchestrationMode\_InputMessage

A **WSDL message** containing the request for the **SetAdminOrchestrationMode WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/SetAdminOrchestrationMode
<wsdl:message name="IMultiPointServer_SetAdminOrchestrationMode_InputMessage">
  <wsdl:part name="SetAdminOrchestrationMode" element="tns:SetAdminOrchestrationMode"/>
</wsdl:message>
```

### 3.6.4.40.1.2 IMultiPointServer\_SetAdminOrchestrationMode\_OutputMessage

A **WSDL message** containing the response for the **SetAdminOrchestrationMode WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/SetAdminOrchestrationModeResponse
<wsdl:message name="IMultiPointServer_SetAdminOrchestrationMode_OutputMessage">
  <wsdl:part name="SetAdminOrchestrationMode"
element="tns:SetAdminOrchestrationModeResponse"/>
</wsdl:message>
```

### 3.6.4.40.1.3 IMultiPointServer\_SetAdminOrchestrationMode\_WmsFaultType\_FaultMessage

A **WSDL message** containing a fault for the **SetAdminOrchestrationMode WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message
name="IMultiPointServer_SetAdminOrchestrationMode_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

## 3.6.4.40.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<SetAdminOrchestrationMode>	Input parameters element
<SetAdminOrchestrationModeResponse>	Output data element

### 3.6.4.40.2.1 SetAdminOrchestrationMode

```
<xsd:element name="SetAdminOrchestrationMode"  
type="tns:SetAdminOrchestrationModeRequestBody"/>
```

### 3.6.4.40.2.2 SetAdminOrchestrationModeResponse

```
<xsd:element name="SetAdminOrchestrationModeResponse"  
type="q1:SetAdminOrchestrationModeResponseBody"/>
```

### 3.6.4.40.3 Complex Types

The following table summarizes the **XML Schema** complex type definitions that are specific to this operation.

Element	Description
<SetAdminOrchestrationModeRequestBody>	XML supplying the input parameters
<SetAdminOrchestrationModeResponseBody>	XML supplying the output parameters

#### 3.6.4.40.3.1 SetAdminOrchestrationModeRequestBody

```
<xsd:complexType name="SetAdminOrchestrationModeRequestBody">  
  <xsd:sequence>  
    <xsd:element minOccurs="1" maxOccurs="1" name="fEnable" type="xsd:boolean" />  
  </xsd:sequence>  
</xsd:complexType>
```

**fEnable:** Contains "true" if administrator users can be monitored and managed.

#### 3.6.4.40.3.2 SetAdminOrchestrationModeResponseBody

```
<xsd:complexType name="SetAdminOrchestrationModeResponseBody" />
```

### 3.6.4.41 SetBlockAllMessage Operation

The **SetBlockAllMessage** method requests that the server display a specific message when all the stations are blocked. This operation **MUST** be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="SetBlockAllMessage">  
  <wsdl:input>  
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/SetBlockAllMessage"  
    name="IMultiPointServer_SetBlockAllMessage_InputMessage"  
    message="tns:IMultiPointServer_SetBlockAllMessage_InputMessage"/>  
  <wsdl:output>  
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/SetBlockAllMessageResponse"  
    name="IMultiPointServer_SetBlockAllMessage_OutputMessage"  
    message="tns:IMultiPointServer_SetBlockAllMessage_OutputMessage"/>  
    <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"  
    message="tns:IMultiPointServer_SetBlockAllMessage_WmsFaultType_FaultMessage"/>  
  </wsdl:operation>
```



### 3.6.4.41.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_SetBlockAllMessage_InputMessage	This message requests that the server display a specific message when all the stations are blocked.
IMultiPointServer_SetBlockAllMessage_OutputMessage	Response message.
IMultiPointServer_SetBlockAllMessage_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.6.4.41.1.1 IMultiPointServer\_SetBlockAllMessage\_InputMessage Message

A **WSDL message** containing the request for the **SetBlockAllMessage WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/SetBlockAllMessage
<wsdl:message name="IMultiPointServer_SetBlockAllMessage_InputMessage">
  <wsdl:part name="SetBlockAllMessage" element="tns:SetBlockAllMessage"/>
</wsdl:message>
```

#### 3.6.4.41.1.2 IMultiPointServer\_SetBlockAllMessage\_OutputMessage Message

A **WSDL message** containing the response for the **SetBlockAllMessage WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/SetBlockAllMessageResponse
<wsdl:message name="IMultiPointServer_SetBlockAllMessage_OutputMessage">
  <wsdl:part name="SetBlockAllMessageResponse" element="tns:SetBlockAllMessageResponse"/>
</wsdl:message>
```

#### 3.6.4.41.1.3 IMultiPointServer\_SetBlockAllMessage\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **SetBlockAllMessage WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointServer_SetBlockAllMessage_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.6.4.41.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<SetBlockAllMessage>	Input parameters element
<SetBlockAllMessageResponse>	Output data element

### 3.6.4.41.2.1 SetBlockAllMessage

```
<xsd:element name="SetBlockAllMessage">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="wsMessage" nillable="true"
type="xsd:string"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**wsMessage:** Contains the message to be displayed on each station while it is blocked; if the message length is 0 or NULL, then any existing message is discarded.

### 3.6.4.41.2.2 SetBlockAllMessageResponse

```
<xsd:element name="SetBlockAllMessageResponse">
  <xsd:complexType/>
</xsd:element>
```

### 3.6.4.41.3 Complex Types

None.

### 3.6.4.42 SetBootToConsoleMode Operation

The **SetBootToConsoleMode** method allows the configuration of server behavior when the server boots. The server can be in a boot-to-console mode, which consists of a single station, or in a multistation mode. This operation **MUST** be authenticated by using Server Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="SetBootToConsoleMode">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/SetBootToConsoleMode"
name="IMultiPointServer_SetBootToConsoleMode_InputMessage"
message="tns:IMultiPointServer_SetBootToConsoleMode_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/SetBootToConsoleModeRespon
e" name="IMultiPointServer_SetBootToConsoleMode_OutputMessage"
message="tns:IMultiPointServer_SetBootToConsoleMode_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointServer_SetBootToConsoleMode_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

### 3.6.4.42.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_SetBootToConsoleMode_InputMessage	This message requests the boot-to-console-mode state of the server to be set.
IMultiPointServer_SetBootToConsoleMode_OutputMessage	Response message.
IMultiPointServer_SetBootToConsoleMode_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

### 3.6.4.42.1.1 IMultiPointServer\_SetBootToConsoleMode\_InputMessage Message

A **WSDL message** containing the request for the **SetBootToConsoleMode WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/SetBootToConsoleMode
<wsdl:message name="IMultiPointServer_SetBootToConsoleMode_InputMessage">
  <wsdl:part name="SetBootToConsoleMode" element="tns:SetBootToConsoleMode"/>
</wsdl:message>
```

### 3.6.4.42.1.2 IMultiPointServer\_SetBootToConsoleMode\_OutputMessage Message

A **WSDL message** containing the response for the **SetBootToConsoleMode WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/SetBootToConsoleModeResponse
<wsdl:message name="IMultiPointServer_SetBootToConsoleMode_OutputMessage">
  <wsdl:part name="SetBootToConsoleModeResponse" element="tns:SetBootToConsoleModeResponse"/>
</wsdl:message>
```

### 3.6.4.42.1.3 IMultiPointServer\_SetBootToConsoleMode\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **SetBootToConsoleMode WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointServer_SetBootToConsoleMode_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.6.4.42.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<SetBootToConsoleMode>	Input parameters element

Element	Description
<SetBootToConsoleModeResponse>	Output data element

### 3.6.4.42.2.1 SetBootToConsoleMode

```
<xsd:element name="SetBootToConsoleMode">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="fEnable" type="xsd:boolean"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**fEnable:** Contains "true" to enable boot-to-console mode, or "false" to enable boot-to-multistation mode.

### 3.6.4.42.2.2 SetBootToConsoleModeResponse

```
<xsd:element name="SetBootToConsoleModeResponse">
  <xsd:complexType/>
</xsd:element>
```

### 3.6.4.42.3 Complex Types

None.

### 3.6.4.43 SetReplacementSslCertificate Operation

The **SetReplacementSslCertificate** method allows the client to update the server with a newly generated **X.509** certificate when the current certificate is near its expiration. [<18>](#) The server **MUST** add this certificate to its **Trusted Root Certification Authorities store**. This operation **MUST** be authenticated by using Server Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="SetReplacementSslCertificate">
  <wsdl:input
  wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/SetReplacementSslCertificate" name="IMultiPointServer_SetReplacementSslCertificate_InputMessage"
  message="tns:IMultiPointServer_SetReplacementSslCertificate_InputMessage"/>
  <wsdl:output
  wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/SetReplacementSslCertificateResponse" name="IMultiPointServer_SetReplacementSslCertificate_OutputMessage"
  message="tns:IMultiPointServer_SetReplacementSslCertificate_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
  message="tns:IMultiPointServer_SetReplacementSslCertificate_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

### 3.6.4.43.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_SetReplacementSslCertificate_InputMessage	This message requests the server to add the supplied

Message	Description
	certificate to its <b>Trusted Root Certification Authorities store</b> .
IMultiPointServer_SetReplacementSslCertificate_OutputMessage	Response message.
IMultiPointServer_SetReplacementSslCertificate_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

### 3.6.4.43.1.1 IMultiPointServer\_SetReplacementSslCertificate\_InputMessage Message

A **WSDL message** containing the request for the **SetReplacementSslCertificate WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/SetReplacementSslCertificate
<wsdl:message name="IMultiPointServer_SetReplacementSslCertificate_InputMessage">
  <wsdl:part name="SetReplacementSslCertificate" element="tns:SetReplacementSslCertificate"/>
</wsdl:message>
```

### 3.6.4.43.1.2 IMultiPointServer\_SetReplacementSslCertificate\_OutputMessage Message

A **WSDL message** containing the response for the **SetReplacementSslCertificate WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/SetReplacementSslCertificateResponse
<wsdl:message name="IMultiPointServer_SetReplacementSslCertificate_OutputMessage">
  <wsdl:part name="SetReplacementSslCertificate" element="tns:SetReplacementSslCertificate"/>
</wsdl:message>
```

### 3.6.4.43.1.3 IMultiPointServer\_SetReplacementSslCertificate\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **SetReplacementSslCertificate WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message
name="IMultiPointServer_SetReplacementSslCertificate_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

## 3.6.4.43.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<SetReplacementSslCertificate>	Input parameters element
<SetReplacementSslResponse>	Output data element

### 3.6.4.43.2.1 SetReplacementSslCertificate

```

<xsd:element name="SetReplacementSslCertificate">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="wsFqdnManagingServer" type="xsd:string"
      />
      <xsd:element minOccurs="1" maxOccurs="1" name="pSslCertificate" type="tns:ArrayOfBytes"
      />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>

```

**wsFqdnManagingServer:** Contains the host name of the client.

**pSslCertificate:** Contains the client's **X.509** certificate used for **SSL**. The certificate's subject name **MUST** match the client's host name. Servers **MUST** verify that the subject name of the certificate matches the host name of the client. Servers **MUST** also verify that the certificate's **enhanced key usage (EKU)** supports only **Server Authentication**.

### 3.6.4.43.2.2 SetReplacementSslCertificateResponse

```

<xsd:element name="SetReplacementSslCertificateResponse">
  <xsd:complexType/>
</xsd:element>

```

### 3.6.4.43.3 Complex Types

None.

### 3.6.4.44 SetSuppressPrivacyNotification Operation

The **SetSuppressPrivacyNotification** method allows the configuration of the display of a privacy notice to each user the first time they log on to the server. "Enabled" means "do not show the privacy notice". This operation **MUST** be authenticated by using Server Management Credentials (section [3.4.1](#)).

```

<wsdl:operation name="SetSuppressPrivacyNotification">
  <wsdl:input
  wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/SetSuppressPrivacyNotificat
  ion" name="IMultiPointServer_SetSuppressPrivacyNotification_InputMessage"
  message="tns:IMultiPointServer_SetSuppressPrivacyNotification_InputMessage"/>
  <wsdl:output
  wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/SetSuppressPrivacyNotificat
  ionResponse" name="IMultiPointServer_SetSuppressPrivacyNotification_OutputMessage"
  message="tns:IMultiPointServer_SetSuppressPrivacyNotification_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
  message="tns:IMultiPointServer_SetSuppressPrivacyNotification_WmsFaultType_FaultMessage"/>
</wsdl:operation>

```

### 3.6.4.44.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_SetSuppressPrivacyNotification_InputMessage	This message requests the Privacy Notice suppression state to be set.
IMultiPointServer_SetSuppressPrivacyNotification_OutputMessage	Response message.
IMultiPointServer_SetSuppressPrivacyNotification_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.6.4.44.1.1 IMultiPointServer\_SetSuppressPrivacyNotification\_InputMessage Message

A **WSDL message** containing the request for the **SetSuppressPrivacyNotification WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/SetSuppressPrivacyNotification
<wsdl:message name="IMultiPointServer_SetSuppressPrivacyNotification_InputMessage">
  <wsdl:part name="SetSuppressPrivacyNotification"
  element="tns:SetSuppressPrivacyNotification"/>
</wsdl:message>
```

#### 3.6.4.44.1.2 IMultiPointServer\_SetSuppressPrivacyNotification\_OutputMessage Message

A **WSDL message** containing the response for the **SetSuppressPrivacyNotification WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/SetSuppressPrivacyNotificationResponse
<wsdl:message name="IMultiPointServer_SetSuppressPrivacyNotification_OutputMessage">
  <wsdl:part name="SetSuppressPrivacyNotificationResponse"
  element="tns:SetSuppressPrivacyNotificationResponse"/>
</wsdl:message>
```

#### 3.6.4.44.1.3 IMultiPointServer\_SetSuppressPrivacyNotification\_WmsFaultType\_Fault Message Message

A **WSDL message** containing a fault for the **SetSuppressPrivacyNotification WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message
  name="IMultiPointServer_SetSuppressPrivacyNotification_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

```
</wsdl:message>
```

### 3.6.4.44.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<SetSuppressPrivacyNotification>	Input parameters element
<SetSuppressPrivacyNotificationResponse>	Output data element

#### 3.6.4.44.2.1 SetSuppressPrivacyNotification

```
<xsd:element name="SetSuppressPrivacyNotification">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="fEnable" type="xsd:boolean"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**fEnable:** Contains "true" to suppress the privacy notice, or "false" to enable the privacy notice.

#### 3.6.4.44.2.2 SetSuppressPrivacyNotificationResponse

```
<xsd:element name="SetSuppressPrivacyNotificationResponse">
  <xsd:complexType/>
</xsd:element>
```

### 3.6.4.44.3 Complex Types

None.

### 3.6.4.45 SetUseHardwareGpu Operation

The **SetUseHardwareGpu** method requests that the server enable/disable the use of the hardware **GPU** for rendering. [<19>](#) This operation MUST be authenticated by using Server Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="SetUseHardwareGpu">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/SetUseHardwareGpu"
name="IMultiPointServer SetUseHardwareGpu InputMessage"
message="tns:IMultiPointServer_SetUseHardwareGpu_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/SetUseHardwareGpuResponse"
name="IMultiPointServer SetUseHardwareGpu OutputMessage"
message="tns:IMultiPointServer_SetUseHardwareGpu_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointServer_SetUseHardwareGpu_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.6.4.45.1 Messages



The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_SetUseHardwareGpu_InputMessage	This message requests that the server update its usage of the hardware <b>GPU</b> .
IMultiPointServer_SetUseHardwareGpu_OutputMessage	Output message.
IMultiPointServer_SetUseHardwareGpu_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

### 3.6.4.45.1.1 IMultiPointServer\_SetUseHardwareGpu\_InputMessage

A **WSDL messages** containing the request for the **SetUseHardwareGpu WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/SetUseHardwareGpu
<wsdl:message name="IMultiPointServer_SetUseHardwareGpu_InputMessage">
  <wsdl:part name="SetUseHardwareGpu" element="tns:SetUseHardwareGpu"/>
</wsdl:message>
```

### 3.6.4.45.1.2 IMultiPointServer\_SetUseHardwareGpu\_OutputMessage

A **WSDL message** containing the response for the **SetUseHardwareGpu WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/SetUseHardwareGpuResponse
<wsdl:message name="IMultiPointServer_SetUseHardwareGpu_OutputMessage">
  <wsdl:part name="SetUseHardwareGpu" element="tns:SetUseHardwareGpuResponse"/>
</wsdl:message>
```

### 3.6.4.45.1.3 IMultiPointServer\_SetUseHardwareGpu\_WmsFaultType\_FaultMessage

A **WSDL message** containing a fault for the **SetUseHardwareGpu WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointServer_SetUseHardwareGpu_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

## 3.6.4.45.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<SetUseHardwareGpu>	Input parameters element

Element	Description
<SetUseHardwareGpuResponse>	Output data element

### 3.6.4.45.2.1 SetUseHardwareGpu

```
<xsd:element name="SetUseHardwareGpu" type="tns:SetUseHardwareGpuRequestBody"/>
```

### 3.6.4.45.2.2 SetUseHardwareGpuResponse

```
<xsd:element name="SetUseHardwareGpuResponse" type="q1:SetUseHardwareGpuResponseBody"/>
```

### 3.6.4.45.3 Complex Types

The following table summarizes the **XML Schema** complex type definitions that are specific to this operation.

Element	Description
<SetUseHardwareGpuRequestBody>	XML supplying the input parameters
<SetUseHardwareGpuResponseBody>	XML supplying the output parameters

#### 3.6.4.45.3.1 SetUseHardwareGpuRequestBody

```
<xsd:complexType name="SetUseHardwareGpuRequestBody">
  <xsd:sequence>
    <xsd:element minOccurs="1" maxOccurs="1" name="fUseHardwareGpu" type="xsd:boolean" />
  </xsd:sequence>
</xsd:complexType>
```

**fUseHardwareGpu**: Contains "true" if the hardware **GPU** is to be used.

#### 3.6.4.45.3.2 SetUseHardwareGpuResponseBody

```
<xsd:complexType name="SetUseHardwareGpuResponseBody" />
```

### 3.6.4.46 ValidateAutoLogonAccount Operation

The **ValidateAutoLogonAccount** method has the server validate the supplied user credentials and return whether they are valid, invalid, or valid for an admin account. This operation **MUST** be authenticated by using Server Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="ValidateAutoLogonAccount">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/ValidateAutoLogonAccount"
name="IMultiPointServer_ValidateAutoLogonAccount_InputMessage"
message="tns:IMultiPointServer_ValidateAutoLogonAccount_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/ValidateAutoLogonAccountRes
ponse" name="IMultiPointServer_ValidateAutoLogonAccount_OutputMessage"
message="tns:IMultiPointServer_ValidateAutoLogonAccount_OutputMessage"/>
```

```

    <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointServer_ValidateAutoLogonAccount_WmsFaultType_FaultMessage"/>
  </wsdl:operation>

```

### 3.6.4.46.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_ValidateAutoLogonAccount_InputMessage	This message requests validation of the credentials of a user.
IMultiPointServer_ValidateAutoLogonAccount_OutputMessage	This message contains the result of the validation.
IMultiPointServer_ValidateAutoLogonAccount_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.6.4.46.1.1 IMultiPointServer\_ValidateAutoLogonAccount\_InputMessage Message

A **WSDL message** containing the request for the **ValidateAutoLogonAccount WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointServer/ValidateAutoLogonAccount
<wsdl:message name="IMultiPointServer_ValidateAutoLogonAccount_InputMessage">
  <wsdl:part name="ValidateAutoLogonAccount" element="tns:ValidateAutoLogonAccount"/>
</wsdl:message>

```

#### 3.6.4.46.1.2 IMultiPointServer\_ValidateAutoLogonAccount\_OutputMessage Message

A **WSDL message** containing the response for the **ValidateAutoLogonAccount WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointServer/ValidateAutoLogonAccountResponse
<wsdl:message name="IMultiPointServer_ValidateAutoLogonAccount_OutputMessage">
  <wsdl:part name="ValidateAutoLogonAccountResponse"
  element="tns:ValidateAutoLogonAccountResponse"/>
</wsdl:message>

```

#### 3.6.4.46.1.3 IMultiPointServer\_ValidateAutoLogonAccount\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **ValidateAutoLogonAccount WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointServer_ValidateAutoLogonAccount_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>

```

### 3.6.4.46.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<ValidateAutoLogonAccount>	Input parameters element
<ValidateAutoLogonAccountResponse>	Output data element

#### 3.6.4.46.2.1 ValidateAutoLogonAccount

```
<xsd:element name="ValidateAutoLogonAccount" type="tns:ValidateAutoLogonAccountRequestBody"/>
```

#### 3.6.4.46.2.2 ValidateAutoLogonAccountResponse

```
<xsd:element name="ValidateAutoLogonAccountResponse" type="tns:ValidateAutoLogonAccountResponseBody"/>
```

### 3.6.4.46.3 Complex Types

The following table summarizes the **XML Schema** complex type definitions that are specific to this operation.

Complex type	Description
<ValidateAutoLogonAccountRequestBody>	XML supplying the input parameters
<ValidateAutoLogonAccountResponseBody>	XML supplying the output parameters

#### 3.6.4.46.3.1 ValidateAutoLogonAccountRequestBody

```
<xsd:complexType name="ValidateAutoLogonAccountRequestBody">
  <xsd:sequence>
    <xsd:element minOccurs="1" maxOccurs="1" name="wsDomain" type="xsd:string"/>
    <xsd:element minOccurs="1" maxOccurs="1" name="wsUserName" type="xsd:string"/>
    <xsd:element minOccurs="1" maxOccurs="1" name="wsPassword" type="xsd:string"/>
  </xsd:sequence>
</xsd:complexType>
```

**wsDomain:** Contains the user domain name.

**wsUserName:** Contains the user account name.

**wsPassword:** Contains the user password.

#### 3.6.4.46.3.2 ValidateAutoLogonAccountResponseBody

```
<xsd:complexType name="ValidateAutoLogonAccountResponseBody">
  <xsd:sequence>
    <xsd:element minOccurs="1" maxOccurs="1" name="eAccountStatus" type="xsd:unsignedInt"/>
  </xsd:sequence>
```

</xsd:complexType>

**eAccountStatus:** Contains an unsigned integer with the following possible values:

Value	Meaning
0	ALAS_Valid
1	ALAS_NotValid
2	ALAS_admin

### 3.6.4.47 EnableVirtualIpPerSession Operation

The **EnableVirtualIpPerSession** method allows the enabling/disabling of the use of a virtual IP address per session. If enabled, each session hosted by the server has a unique IP address; if disabled, each session shares the server's IP address. This operation **MUST** be authenticated by using Server Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="EnableVirtualIpPerSession">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/EnableVirtualIpPerSession"
    name="IMultiPointServer_EnableVirtualIpPerSession_InputMessage"
    message="tns:IMultiPointServer_EnableVirtualIpPerSession_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/EnableVirtualIpPerSessionRe
    sponse" name="IMultiPointServer_EnableVirtualIpPerSession_OutputMessage"
    message="tns:IMultiPointServer_EnableVirtualIpPerSession_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointServer_EnableVirtualIpPerSession_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.6.4.47.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_EnableVirtualIpPerSession_InputMessage	This message configures the virtual IP address per session setting.
IMultiPointServer_EnableVirtualIpPerSession_OutputMessage	Request response.
IMultiPointServer_EnableVirtualIpPerSession_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

##### 3.6.4.47.1.1 IMultiPointServer\_EnableVirtualIpPerSession\_InputMessage Message

A **WSDL message** containing the request for the **EnableVirtualIpPerSession WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointServer/EnableVirtualIpPerSession
<wsdl:message name="IMultiPointServer_EnableVirtualIpPerSession_InputMessage">
  <wsdl:part name="EnableVirtualIpPerSession" element="tns:EnableVirtualIpPerSession"/>
</wsdl:message>

```

### 3.6.4.47.1.2 IMultiPointServer\_EnableVirtualIpPerSession\_OutputMessage Message

A **WSDL message** containing the response for the **EnableVirtualIpPerSession WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointServer/EnableVirtualIpPerSessionResponse
<wsdl:message name="IMultiPointServer_EnableVirtualIpPerSession_OutputMessage">
  <wsdl:part name="EnableVirtualIpPerSessionResponse"
  element="tns:EnableVirtualIpPerSessionResponse"/>
</wsdl:message>

```

### 3.6.4.47.1.3 IMultiPointServer\_EnableVirtualIpPerSession\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **EnableVirtualIpPerSession WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointServer_EnableVirtualIpPerSession_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>

```

## 3.6.4.47.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<EnableVirtualIpPerSession>	Input parameters element
<EnableVirtualIpPerSessionResponse>	Output data element

### 3.6.4.47.2.1 EnableVirtualIpPerSession

```

<xsd:element name="EnableVirtualIpPerSession">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="fEnable" type="xsd:boolean"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>

```

**fEnable:** Contains "true" to enable a unique IP address per session, or "false" to share the server's IP address across all sessions.

### 3.6.4.47.2.2 EnableVirtualIpPerSessionResponse

```

<xsd:element name="EnableVirtualIpPerSessionResponse">
  <xsd:complexType/>
</xsd:element>

```

### 3.6.4.47.3 Complex Types

None.

### 3.6.4.48 SetDesktopMonitoring Operation

The **SetDesktopMonitoring** method enables/disables desktop monitoring on the server. This operation **MUST** be authenticated by using Server Management Credentials (section [3.4.1](#)).

```

<wsdl:operation name="SetDesktopMonitoring">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/SetDesktopMonitoring"
name="IMultiPointServer SetDesktopMonitoring InputMessage"
message="tns:IMultiPointServer_SetDesktopMonitoring_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/SetDesktopMonitoringResponse"
name="IMultiPointServer SetDesktopMonitoring OutputMessage"
message="tns:IMultiPointServer_SetDesktopMonitoring_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointServer_SetDesktopMonitoring_WmsFaultType_FaultMessage"/>
</wsdl:operation>

```

#### 3.6.4.48.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_SetDesktopMonitoring_InputMessage	This message configures the desktop monitoring feature.
IMultiPointServer_SetDesktopMonitoring_OutputMessage	Response message.
IMultiPointServer_SetDesktopMonitoring_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

##### 3.6.4.48.1.1 IMultiPointServer\_SetDesktopMonitoring\_InputMessage Message

A **WSDL message** containing the request for the **SetDesktopMonitoring WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointServer/SetDesktopMonitoring
<wsdl:message name="IMultiPointServer SetDesktopMonitoring InputMessage">
  <wsdl:part name="SetDesktopMonitoring" element="tns:SetDesktopMonitoring"/>
</wsdl:message>

```

##### 3.6.4.48.1.2 IMultiPointServer\_SetDesktopMonitoring\_OutputMessage Message

A **WSDL message** containing the response for the **SetDesktopMonitoring WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/SetDesktopMonitoringResponse
<wsdl:message name="IMultiPointServer_SetDesktopMonitoring_OutputMessage">
  <wsdl:part name="SetDesktopMonitoringResponse" element="tns:SetDesktopMonitoringResponse"/>
</wsdl:message>
```

### 3.6.4.48.1.3 IMultiPointServer\_SetDesktopMonitoring\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **SetDesktopMonitoring WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointServer_SetDesktopMonitoring_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.6.4.48.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<SetDesktopMonitoring>	Input parameters element
<SetDesktopMonitoringResponse>	Output data element

#### 3.6.4.48.2.1 SetDesktopMonitoring

```
<xsd:element name="SetDesktopMonitoring">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="fEnable" type="xsd:boolean"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**fEnable:** Contains "true" if desktop monitoring is enabled.

#### 3.6.4.48.2.2 SetDesktopMonitoringResponse

```
<xsd:element name="SetDesktopMonitoringResponse">
  <xsd:complexType/>
</xsd:element>
```

### 3.6.4.48.3 Complex Types

None.



### 3.6.4.49 SetSingleSessionPerUser Operation

The **SetSingleSessionPerUser** method configures whether the server allows a user to log in only once or multiple times. This operation MUST be authenticated by using Server Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="SetSingleSessionPerUser">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/SetSingleSessionPerUser"
    name="IMultiPointServer_SetSingleSessionPerUser_InputMessage"
    message="tns:IMultiPointServer_SetSingleSessionPerUser_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/SetSingleSessionPerUserResponse"
    name="IMultiPointServer_SetSingleSessionPerUser_OutputMessage"
    message="tns:IMultiPointServer_SetSingleSessionPerUser_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointServer_SetSingleSessionPerUser_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.6.4.49.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_SetSingleSessionPerUser_InputMessage	This message configures the single-session-per-user setting.
IMultiPointServer_SetSingleSessionPerUser_OutputMessage	Response message.
IMultiPointServer_SetSingleSessionPerUser_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

##### 3.6.4.49.1.1 IMultiPointServer\_SetSingleSessionPerUser\_InputMessage Message

A **WSDL message** containing the request for **SetSingleSessionPerUser WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/SetSingleSessionPerUser
<wsdl:message name="IMultiPointServer_SetSingleSessionPerUser_InputMessage">
  <wsdl:part name="SetSingleSessionPerUser" element="tns:SetSingleSessionPerUser"/>
</wsdl:message>
```

##### 3.6.4.49.1.2 IMultiPointServer\_SetSingleSessionPerUser\_OutputMessage Message

A **WSDL message** containing the response for **SetSingleSessionPerUser WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/SetSingleSessionPerUserResponse
<wsdl:message name="IMultiPointServer_SetSingleSessionPerUser_OutputMessage">
  <wsdl:part name="SetSingleSessionPerUserResponse"
    element="tns:SetSingleSessionPerUserResponse"/>
</wsdl:message>
```

### 3.6.4.49.1.3 IMultiPointServer\_SetSingleSessionPerUser\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for **SetSingleSessionPerUser WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointServer_SetSingleSessionPerUser_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.6.4.49.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<SetSingleSessionPerUser>	Input parameters element
<SetSingleSessionPerUserResponse>	Output data element

#### 3.6.4.49.2.1 SetSingleSessionPerUser

```
<xsd:element name="SetSingleSessionPerUser">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="fEnable" type="xsd:boolean"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**fEnable:** Contains "true" if a user can only be logged into a single session at a time.

#### 3.6.4.49.2.2 SetSingleSessionPerUserResponse

```
<xsd:element name="SetSingleSessionPerUserResponse">
  <xsd:complexType/>
</xsd:element>
```

### 3.6.4.49.3 Complex Types

None.

### 3.6.5 Timer Events

None.

### 3.6.6 Other Local Events

None.

## 3.7 IMultiPointSession Server Details

The IMultiPointSession endpoint provides a set of APIs used to manipulate a specific Windows session on the server.

### 3.7.1 Abstract Data Model

This section describes a conceptual model of possible data organization that an implementation maintains to participate in this algorithm. The described organization is provided to facilitate the explanation of how the algorithm behaves. This document does not mandate that implementations adhere to this model as long as their external behavior is consistent with that described in this document.

The server MUST supply an **X.509** certificate for the purpose of server identification and to be used by the client and server to encrypt **SOAP** requests/responses.

The server MUST create and securely store a random password to be used to authenticate API requests.

### 3.7.2 Timers

None.

### 3.7.3 Initialization

None.

### 3.7.4 Message Processing Events and Sequencing Rules

This specification includes the following **WSDL operations**:

Element	Description
CloseSessionApplication	Close the specified application.
ConfigureWebLimiting	Enable/disable web limiting for the specified Windows session.
ConfigureWebLimitingAll	Configure the web limiting lists for all Windows sessions.
CurrentActivity	Determine the current foreground application name and idle time associated with the specified Windows session.
DisconnectSession	Request that the server disconnect the specified Windows session.
EnableProjectToAll	Enable all Windows sessions to view the specified Windows session.
EnableWebLimitingAll	Enable web limiting for all Windows sessions.
GetScreenState	Determine the screen state of the specified Windows session.
GetSessionAgentStatus	Determine if the specified Windows session is in station-identification mode.
GetSessionRunningApps	Request that the server return a list of applications running in the context of the specified Windows session.
GetThumbnailBits	Request that server return a JPEG image of the contents of the display associated with the specified Windows session.
IdentifySession	Request that server start displaying station-identification information on the

Element	Description
	display associated with the specified Windows session.
GetSessionFlags	Retrieve a set of bit-flags that provide information about the session.
LockSession	Request that the server lock the display associated with the specified Windows session.
LogOffConsoleSession	Request that the server log off the console session.
LogOffSession	Request that the server log off the specified Windows session.
RunFileSession	Request that the server run the specified file in the specified Windows session context.
ShareDesktop	Request that the server start sharing the specified Windows session.
StopIdentifyingSession	Request that the server stop displaying station-identification information on the display associated with the specified Windows session.
StopLockingSession	Request that the server stop locking the display of the specified Windows session.
StopShareDesktop	Request that the server stop sharing a specific Windows session.
ViewDesktop	Enable the specified Windows session to see the specified shared desktop.

### 3.7.4.1 CurrentActivity Operation

The **CurrentActivity** method requests that the server return information about the currently used application in the specified Windows session. This operation **MUST** be authenticated by Server Management Credentials or Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="CurrentActivity">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/CurrentActivity"
    name="IMultiPointSession_CurrentActivity_InputMessage"
    message="tns:IMultiPointSession_CurrentActivity_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/CurrentActivityResponse"
    name="IMultiPointSession_CurrentActivity_OutputMessage"
    message="tns:IMultiPointSession_CurrentActivity_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointSession_CurrentActivity_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.7.4.1.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointSession_CurrentActivity_InputMessage	This message requests information about the currently used application in the specified Windows session.
IMultiPointSession_CurrentActivity_OutputMessage	Response message.

Message	Description
IMultiPointSession_CurrentActivity_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.7.4.1.1.1 IMultiPointSession\_CurrentActivity\_InputMessage Message

A **WSDL message** containing the request for the **CurrentActivity WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointSession/CurrentActivity
<wsdl:message name="IMultiPointSession_CurrentActivity_InputMessage">
  <wsdl:part name="CurrentActivity" element="tns:CurrentActivity"/>
</wsdl:message>
```

#### 3.7.4.1.1.2 IMultiPointSession\_CurrentActivity\_OutputMessage Message

A **WSDL message** containing the response for the **CurrentActivity WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointSession/CurrentActivityResponse
<wsdl:message name="IMultiPointSession_CurrentActivity_OutputMessage">
  <wsdl:part name="CurrentActivityResponse" element="tns:CurrentActivityResponse"/>
</wsdl:message>
```

#### 3.7.4.1.1.3 IMultiPointSession\_CurrentActivity\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **CurrentActivity WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointSession_CurrentActivity_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

#### 3.7.4.1.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<CurrentActivity>	Input parameters element
<CurrentActivityResponse>	Output data element

#### 3.7.4.1.2.1 CurrentActivity

```
<xsd:element name="CurrentActivity"
type="tns:CurrentActivityRequestBody"/>
```

### 3.7.4.1.2.2 CurrentActivityResponse

```
<xsd:element name="CurrentActivityResponse" type="tns:CurrentActivityResponseBody"/>
```

### 3.7.4.1.3 Complex Types

The following table summarizes the **XML Schema** complex type definitions that are specific to this operation.

Complex type	Description
<CurrentActivityRequestBody>	XML supplying the input parameters
<CurrentActivityResponseBody>	XML supplying the output parameters

#### 3.7.4.1.3.1 CurrentActivityRequestBody

```
<xsd:complexType name="CurrentActivityRequestBody">
  <xsd:sequence>
    <xsd:element minOccurs="1" maxOccurs="1" name="idSession" type="xsd:unsignedInt"/>
  </xsd:sequence>
</xsd:complexType>
```

**idSession:** Contains the ID of the remote desktop session being associated with the station.

#### 3.7.4.1.3.2 CurrentActivityResponseBody

```
<xsd:complexType name="CurrentActivityResponseBody">
  <xsd:sequence>
    <xsd:element minOccurs="0" maxOccurs="1" name="pdwInactiveTicks" type="xsd:unsignedInt"/>
    <xsd:element minOccurs="0" maxOccurs="1" name="pwsCurrentActivity" type="xsd:string"/>
  </xsd:sequence>
</xsd:complexType>
```

**pdwInactiveTicks:** Contains how long the session has been idle.

**pwsCurrentActivity:** Contains the window title or process ID of the current foreground application.

### 3.7.4.2 CloseSessionApplication Operation

The **CloseSessionApplication** method requests that the server close a specific application. This operation **MUST** be authenticated by using either Server Management Credentials or Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="CloseSessionApplication">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/CloseSessionApplication"
name="IMultiPointSession_CloseSessionApplication_InputMessage"
message="tns:IMultiPointSession_CloseSessionApplication_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/CloseSessionApplicationRes
```

```

ponse" name="IMultiPointSession_CloseSessionApplication_OutputMessage"
message="tns:IMultiPointSession_CloseSessionApplication_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointSession_CloseSessionApplication_WmsFaultType_FaultMessage"/>
</wsdl:operation>

```

### 3.7.4.2.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointSession_CloseSessionApplication_InputMessage	This message requests that the server close a specific application.
IMultiPointSession_CloseSessionApplication_OutputMessage	Response message.
IMultiPointSession_CloseSessionApplication_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.7.4.2.1.1 IMultiPointSession\_CloseSessionApplication\_InputMessage Message

A **WSDL message** containing the request for the **CloseSessionApplication WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointSession/CloseSessionApplication
<wsdl:message name="IMultiPointSession_CloseSessionApplication_InputMessage">
  <wsdl:part name="CloseSessionApplication" element="tns:CloseSessionApplication"/>
</wsdl:message>

```

#### 3.7.4.2.1.2 IMultiPointSession\_CloseSessionApplication\_OutputMessage Message

A **WSDL message** containing the response for the **CloseSessionApplication WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointSession/CloseSessionApplicationResponse
<wsdl:message name="IMultiPointSession_CloseSessionApplication_OutputMessage">
  <wsdl:part name="CloseSessionApplicationResponse"
element="tns:CloseSessionApplicationResponse"/>
</wsdl:message>

```

#### 3.7.4.2.1.3 IMultiPointSession\_CloseSessionApplication\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **CloseSessionApplication WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointSession_CloseSessionApplication_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>

```

```
</wsdl:message>
```

### 3.7.4.2.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<CloseSessionApplication>	Input parameters element
<CloseSessionApplicationResponse>	Output data element

#### 3.7.4.2.2.1 CloseSessionApplication

```
<xsd:element name="CloseSessionApplication">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="idSession" type="xsd:unsignedInt"/>
      <xsd:element minOccurs="1" maxOccurs="1" name="idProcess" type="xsd:unsignedInt"/>
      <xsd:element minOccurs="1" maxOccurs="1" name="ullCreateTime" type="xsd:unsignedLong"/>
      <xsd:element minOccurs="1" maxOccurs="1" name="idWindow" type="xsd:unsignedLong"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**idSession:** Contains the ID of the remote desktop session being associated with the station.

**idProcess:** Contains the process ID of the process.

**ullCreateTime:** Contains the creation time of the process.

**idWindow:** Contains the ID of the window associated with the process.

#### 3.7.4.2.2.2 CloseSessionApplicationResponse

```
<xsd:element name="CloseSessionApplicationResponse">
  <xsd:complexType/>
</xsd:element>
```

#### 3.7.4.2.3 Complex Types

None.

#### 3.7.4.3 ConfigureWebLimiting Operation

The **ConfigureWebLimiting** method requests that the server enable/disable web limiting for the specified remote desktop session. This operation **MUST** be authenticated by using either Server Management Credentials or Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="ConfigureWebLimiting">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/ConfigureWebLimiting"
    name="IMultiPointSession ConfigureWebLimiting InputMessage"
    message="tns:IMultiPointSession_ConfigureWebLimiting_InputMessage"/>
```



```

    <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/ConfigureWebLimitingResponse"
name="IMultiPointSession_ConfigureWebLimiting_OutputMessage"
message="tns:IMultiPointSession_ConfigureWebLimiting_OutputMessage"/>
    <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointSession_ConfigureWebLimiting_WmsFaultType_FaultMessage"/>
</wsdl:operation>

```

### 3.7.4.3.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointSession_ConfigureWebLimiting_InputMessage	This message requests that web limiting be enabled/disabled for the specified Windows session.
IMultiPointSession_ConfigureWebLimiting_OutputMessage	Response message.
IMultiPointSession_ConfigureWebLimiting_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.7.4.3.1.1 IMultiPointSession\_ConfigureWebLimiting\_InputMessage Message

A **WSDL message** containing the request for the **ConfigureWebLimiting WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointSession/ConfigureWebLimiting
<wsdl:message name="IMultiPointSession_ConfigureWebLimiting_InputMessage">
  <wsdl:part name="ConfigureWebLimiting" element="tns:ConfigureWebLimiting"/>
</wsdl:message>

```

#### 3.7.4.3.1.2 IMultiPointSession\_ConfigureWebLimiting\_OutputMessage Message

A **WSDL message** containing the response for the **ConfigureWebLimiting WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointSession/ConfigureWebLimitingResponse
<wsdl:message name="IMultiPointSession_ConfigureWebLimiting_OutputMessage">
  <wsdl:part name="ConfigureWebLimitingResponse" element="tns:ConfigureWebLimitingResponse"/>
</wsdl:message>

```

#### 3.7.4.3.1.3 IMultiPointSession\_ConfigureWebLimiting\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **ConfigureWebLimiting WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/WmsFault

```

```

<wsdl:message name="IMultiPointSession_ConfigureWebLimiting_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>

```

### 3.7.4.3.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<ConfigureWebLimiting>	Input parameters element
<ConfigureWebLimitingResponse>	Output data element

#### 3.7.4.3.2.1 ConfigureWebLimiting

```

<xsd:element name="ConfigureWebLimiting">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="idSession" type="xsd:unsignedInt"/>
      <xsd:element minOccurs="1" maxOccurs="1" name="fIsInLimiting" type="xsd:boolean"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>

```

**idSession:** Contains the ID of the Windows session.

**fIsInLimiting:** Contains "true" if web limiting is enabled.

#### 3.7.4.3.2.2 ConfigureWebLimitingResponse

```

<xsd:element name="ConfigureWebLimitingResponse">
  <xsd:complexType/>
</xsd:element>

```

#### 3.7.4.3.3 Complex Types

None.

#### 3.7.4.4 ConfigureWebLimitingAll Operation

The **ConfigureWebLimitingAll** method requests that the server configure the web limiting feature for all Windows sessions. This operation **MUST** be authenticated by using either Server Management Credentials or Server Control Credentials (section [3.4.1](#)).

```

<wsdl:operation name="ConfigureWebLimitingAll">
  <wsdl:input>
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/ConfigureWebLimitingAll"
    name="IMultiPointSession_ConfigureWebLimitingAll_InputMessage"
    message="tns:IMultiPointSession_ConfigureWebLimitingAll_InputMessage"/>
  <wsdl:output>
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/ConfigureWebLimitingAllRes
    ponse" name="IMultiPointSession_ConfigureWebLimitingAll_OutputMessage"
    message="tns:IMultiPointSession_ConfigureWebLimitingAll_OutputMessage"/>

```

```
<wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointSession_ConfigureWebLimitingAll_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

### 3.7.4.4.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointSession_ConfigureWebLimitingAll_InputMessage	This message requests that the server configure the web limiting feature for all Windows sessions.
IMultiPointSession_ConfigureWebLimitingAll_OutputMessage	Response message
IMultiPointSession_ConfigureWebLimitingAll_WmsFaultType_FaultMessage	This message contains the internal server failure status code, if a failure has occurred.

#### 3.7.4.4.1.1 IMultiPointSession\_ConfigureWebLimitingAll\_InputMessage Message

A **WSDL message** containing the request for the **ConfigureWebLimitingAll WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointSession/ConfigureWebLimitingAll
<wsdl:message name="IMultiPointSession_ConfigureWebLimitingAll_InputMessage">
  <wsdl:part name="ConfigureWebLimitingAll" element="tns:ConfigureWebLimitingAll"/>
</wsdl:message>
```

#### 3.7.4.4.1.2 IMultiPointSession\_ConfigureWebLimitingAll\_OutputMessage Message

A **WSDL message** containing the response for the **ConfigureWebLimitingAll WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointSession/ConfigureWebLimitingAllResponse
<wsdl:message name="IMultiPointSession_ConfigureWebLimitingAll_OutputMessage">
  <wsdl:part name="ConfigureWebLimitingAllResponse"
element="tns:ConfigureWebLimitingAllResponse"/>
</wsdl:message>
```

#### 3.7.4.4.1.3 IMultiPointSession\_ConfigureWebLimitingAll\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **ConfigureWebLimitingAll WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointSession_ConfigureWebLimitingAll_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

```
</wsdl:message>
```

### 3.7.4.4.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<ConfigureWebLimitingAll>	Input parameters element
<ConfigureWebLimitingAllResponse>	Output data element

#### 3.7.4.4.2.1 ConfigureWebLimitingAll

```
<xsd:element name="ConfigureWebLimitingAll" type="tns:ConfigureWebLimitingAllRequestBody"/>
```

#### 3.7.4.4.2.2 ConfigureWebLimitingAllResponse

```
<xsd:element name="ConfigureWebLimitingAllResponse"  
type="ql:ConfigureWebLimitingAllResponseBody"/>
```

### 3.7.4.4.3 Complex Types

The following table summarizes the **XML Schema** complex type definitions that are specific to this operation.

Complex type	Description
<ConfigureWebLimitingAllRequestBody>	XML supplying the input parameters
<ConfigureWebLimitingAllResponseBody>	XML supplying the output parameters

#### 3.7.4.4.3.1 ConfigureWebLimitingAllRequestBody

```
<xsd:complexType name="ConfigureWebLimitingAllRequestBody">  
  <xsd:sequence>  
    <xsd:element minOccurs="1" maxOccurs="1" name="wsAllowList" type="xsd:string"/>  
    <xsd:element minOccurs="1" maxOccurs="1" name="wsBlockList" type="xsd:string"/>  
    <xsd:element minOccurs="1" maxOccurs="1" name="fIsAllowedList" type="xsd:boolean"/>  
  </xsd:sequence>  
</xsd:complexType>
```

**wsAllowList:** Contains a list of websites that are allowed.

**wsBlockList:** Contains a list of websites that are blocked.

**fIsAllowedList:** Contains "true" if white list is enabled.

#### 3.7.4.4.3.2 ConfigureWebLimitingAllResponseBody

```
<xsd:complexType name="ConfigureWebLimitingAllResponseBody"/>
```

### 3.7.4.5 EnableProjectToAll Operation

The **EnableProjectToAll** method requests that the server have every Windows session view the specified shared desktop. This operation **MUST** be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="EnableProjectToAll">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/EnableProjectToAll"
    name="IMultiPointSession_EnableProjectToAll_InputMessage"
    message="tns:IMultiPointSession_EnableProjectToAll_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/EnableProjectToAllResponse"
    name="IMultiPointSession_EnableProjectToAll_OutputMessage"
    message="tns:IMultiPointSession_EnableProjectToAll_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointSession_EnableProjectToAll_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.7.4.5.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointSession_EnableProjectToAll_InputMessage	This message requests that the server have every Windows session view the specified shared desktop.
IMultiPointSession_EnableProjectToAll_OutputMessage	Response message.
IMultiPointSession_EnableProjectToAll_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

##### 3.7.4.5.1.1 IMultiPointSession\_EnableProjectToAll\_InputMessage Message

A **WSDL message** containing the request for the **EnableProjectToAll WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointSession/EnableProjectToAll
<wsdl:message name="IMultiPointSession_EnableProjectToAll_InputMessage">
  <wsdl:part name="EnableProjectToAll" element="tns:EnableProjectToAll"/>
</wsdl:message>
```

##### 3.7.4.5.1.2 IMultiPointSession\_EnableProjectToAll\_OutputMessage Message

A **WSDL message** containing the response for the **EnableProjectToAll WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointSession/EnableProjectToAllResponse
```

```
<wsdl:message name="IMultiPointSession_EnableProjectToAll_OutputMessage">
  <wsdl:part name="EnableProjectToAllResponse" element="tns:EnableProjectToAllResponse"/>
</wsdl:message>
```

### 3.7.4.5.1.3 IMultiPointSession\_EnableProjectToAll\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **EnableProjectToAll WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointSession_EnableProjectToAll_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.7.4.5.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<EnableProjectToAll>	Input parameters element
<EnableProjectToAllResponse>	Output data element

#### 3.7.4.5.2.1 EnableProjectToAll

```
<xsd:element name="EnableProjectToAll" type="tns:EnableProjectToAllRequestBody"/>
```

#### 3.7.4.5.2.2 EnableProjectToAllResponse

```
<xsd:element name="EnableProjectToAllResponse" type="q1:EnableProjectToAllResponseBody"/>
```

### 3.7.4.5.3 Complex Types

The following table summarizes the **XML Schema** complex type definitions that are specific to this operation.

Complex type	Description
<EnableProjectToAllRequestBody>	XML supplying the input parameters
<EnableProjectToAllResponseBody>	XML supplying the output parameters

#### 3.7.4.5.3.1 EnableProjectToAllRequestBody

```
<xsd:complexType name="EnableProjectToAllRequestBody">
  <xsd:sequence>
    <xsd:element minOccurs="1" maxOccurs="1" name="wsInvitation" nillable="true"
      type="xsd:string"/>
  </xsd:sequence>
</xsd:complexType>
```

```
</xsd:sequence>
</xsd:complexType>
```

**wsInvitation:** Contains an invitation string for each session to view.

### 3.7.4.5.3.2 EnableProjectToAllResponseBody

```
<xsd:complexType name="EnableProjectToAllResponseBody"/>
```

### 3.7.4.6 EnableWebLimitingAll Operation

The **EnableWebLimitingAll** method requests that the server enable web limiting for all Windows sessions. This operation **MUST** be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="EnableWebLimitingAll">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/EnableWebLimitingAll"
    name="IMultiPointSession_EnableWebLimitingAll_InputMessage"
    message="tns:IMultiPointSession_EnableWebLimitingAll_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/EnableWebLimitingAllResponse"
    name="IMultiPointSession_EnableWebLimitingAll_OutputMessage"
    message="tns:IMultiPointSession_EnableWebLimitingAll_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointSession_EnableWebLimitingAll_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.7.4.6.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointSession_EnableWebLimitingAll_InputMessage	This message requests web limiting for all Windows sessions to be enabled.
IMultiPointSession_EnableWebLimitingAll_OutputMessage	Response message.
IMultiPointSession_EnableWebLimitingAll_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.7.4.6.1.1 IMultiPointSession\_EnableWebLimitingAll\_InputMessage Message

A **WSDL message** containing the request for the **EnableWebLimitingAll WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointSession/EnableWebLimitingAll
<wsdl:message name="IMultiPointSession_EnableWebLimitingAll_InputMessage">
  <wsdl:part name="EnableWebLimitingAll" element="tns:EnableWebLimitingAll"/>
</wsdl:message>
```

### 3.7.4.6.1.2 IMultiPointSession\_EnableWebLimitingAll\_OutputMessage Message

A **WSDL message** containing the response for the **EnableWebLimitingAll WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointSession/EnableWebLimitingAllResponse
<wsdl:message name="IMultiPointSession_EnableWebLimitingAll_OutputMessage">
  <wsdl:part name="EnableWebLimitingAllResponse" element="tns:EnableWebLimitingAllResponse"/>
</wsdl:message>
```

### 3.7.4.6.1.3 IMultiPointSession\_EnableWebLimitingAll\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **EnableWebLimitingAll WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointSession_EnableWebLimitingAll_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.7.4.6.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<EnableWebLimitingAll>	Input parameters element
<EnableWebLimitingAllResponse>	Output data element

#### 3.7.4.6.2.1 EnableWebLimitingAll

```
<xsd:element name="EnableWebLimitingAll">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="fIsInLimiting" type="xsd:boolean"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**fIsInLimiting:** Contains "true" if web limiting is enabled.

#### 3.7.4.6.2.2 EnableWebLimitingAllResponse

```
<xsd:element name="EnableWebLimitingAllResponse">
  <xsd:complexType/>
</xsd:element>
```

#### 3.7.4.6.3 Complex Types

None.



### 3.7.4.7 GetScreenState Operation

The **GetScreenState** method requests that the server return the current screen state associated with the specified Windows session. This operation **MUST** be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="GetScreenState">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/GetScreenState"
name="IMultiPointSession_GetScreenState_InputMessage"
message="tns:IMultiPointSession_GetScreenState_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/GetScreenStateResponse"
name="IMultiPointSession_GetScreenState_OutputMessage"
message="tns:IMultiPointSession_GetScreenState_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointSession_GetScreenState_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.7.4.7.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointSession_GetScreenState_InputMessage	This message requests the current screen state associated with the specified Windows session.
IMultiPointSession_GetScreenState_OutputMessage	Response message.
IMultiPointSession_GetScreenState_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

##### 3.7.4.7.1.1 IMultiPointSession\_GetScreenState\_InputMessage Message

A **WSDL message** containing the request for the **GetScreenState WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointSession/GetScreenState
<wsdl:message name="IMultiPointSession_GetScreenState_InputMessage">
  <wsdl:part name="GetScreenState" element="tns:GetScreenState"/>
</wsdl:message>
```

##### 3.7.4.7.1.2 IMultiPointSession\_GetScreenState\_OutputMessage Message

A **WSDL message** containing the response for the **GetScreenState WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointSession/GetScreenStateResponse
<wsdl:message name="IMultiPointSession_GetScreenState_OutputMessage">
  <wsdl:part name="GetScreenStateResponse" element="tns:GetScreenStateResponse"/>
</wsdl:message>
```

### 3.7.4.7.1.3 IMultiPointSession\_GetScreenState\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **GetScreenState WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointSession_GetScreenState_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.7.4.7.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<GetScreenState>	Input parameters element
<GetScreenStateResponse>	Output data element

#### 3.7.4.7.2.1 GetScreenState

```
<xsd:element name="GetScreenState">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="idSession" type="xsd:unsignedInt"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**idSession:** Contains the ID of the remote desktop session.

#### 3.7.4.7.2.2 GetScreenStateResponse

```
<xsd:element name="GetScreenStateResponse">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="peCurrentBroadCastState"
type="xsd:unsignedInt"/>
      <xsd:element minOccurs="1" maxOccurs="1" name="pfIsLocked" type="xsd:boolean"/>
      <xsd:element minOccurs="1" maxOccurs="1" name="pfIsDisconnected" type="xsd:boolean"/>
      <xsd:element minOccurs="1" maxOccurs="1" name="pfIsPrivate" type="xsd:boolean"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**peCurrentBroadCastState:** Contains the following possible values:

Value	Meaning
0	quiescent
1	projecting

Value	Meaning
2	controlled
3	viewing

**pfIsLocked:** Contains "true" if screen is locked.

**pfIsDisconnected:** Contains "true" if session is disconnected.

**pfIsPrivate:** Contains "true" if session is private.

### 3.7.4.7.3 Complex Types

None.

### 3.7.4.8 GetSessionAgentStatus Operation

The **GetSessionAgentStatus** method requests that the server return the current identify-station-mode state of the specified Windows session. This operation MUST be authenticated by using Server Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="GetSessionAgentStatus">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/GetSessionAgentStatus"
    name="IMultiPointSession_GetSessionAgentStatus_InputMessage"
    message="tns:IMultiPointSession_GetSessionAgentStatus_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/GetSessionAgentStatusRespo
    nse" name="IMultiPointSession_GetSessionAgentStatus_OutputMessage"
    message="tns:IMultiPointSession_GetSessionAgentStatus_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointSession_GetSessionAgentStatus_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.7.4.8.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointSession_GetSessionAgentStatus_InputMessage	This message requests the identify-station state of the specified Windows session.
IMultiPointSession_GetSessionAgentStatus_OutputMessage	Response message.
IMultiPointSession_GetSessionAgentStatus_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

##### 3.7.4.8.1.1 IMultiPointSession\_GetSessionAgentStatus\_InputMessage Message

A **WSDL message** containing the request for the **GetSessionAgentStatus WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointSession/GetSessionAgentStatus
<wsdl:message name="IMultiPointSession_GetSessionAgentStatus_InputMessage">
  <wsdl:part name="GetSessionAgentStatus" element="tns:GetSessionAgentStatus"/>
</wsdl:message>

```

### 3.7.4.8.1.2 IMultiPointSession\_GetSessionAgentStatus\_OutputMessage Message

A **WSDL message** containing the response for the **GetSessionAgentStatus WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointSession/GetSessionAgentStatusResponse
<wsdl:message name="IMultiPointSession_GetSessionAgentStatus_OutputMessage">
  <wsdl:part name="GetSessionAgentStatusResponse"
    element="tns:GetSessionAgentStatusResponse"/>
</wsdl:message>

```

### 3.7.4.8.1.3 IMultiPointSession\_GetSessionAgentStatus\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **GetSessionAgentStatus WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointSession_GetSessionAgentStatus_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>

```

### 3.7.4.8.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<GetSessionAgentStatus>	Input parameters element
<GetSessionAgentStatusResponse>	Output data element

#### 3.7.4.8.2.1 GetSessionAgentStatus

```

<xsd:element name="GetSessionAgentStatus">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="idSession" type="xsd:unsignedInt"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>

```

**idSession:** Contains the ID of the remote desktop session.

#### 3.7.4.8.2.2 GetSessionAgentStatusResponse

```

<xsd:element name="GetSessionAgentStatusResponse">

```

```

<xsd:complexType>
  <xsd:sequence>
    <xsd:element minOccurs="1" maxOccurs="1" name="peIdentifyStationState"
type="xsd:unsignedInt"/>
  </xsd:sequence>
</xsd:complexType>
</xsd:element>

```

**peIdentifyStationState:** Contains an unsigned integer with the following possible values:

Value	Meaning
0	Not identifying station
1	Identifying station

### 3.7.4.8.3 Complex Types

None.

### 3.7.4.9 GetSessionRunningApps Operation

The **GetSessionRunningApps** method requests that the server return a list of the applications currently running in the specified Windows session. This operation **MUST** be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```

<wsdl:operation name="GetSessionRunningApps">
  <wsdl:input>
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/GetSessionRunningApps"
name="IMultiPointSession_GetSessionRunningApps_InputMessage"
message="tns:IMultiPointSession_GetSessionRunningApps_InputMessage"/>
  <wsdl:output>
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/GetSessionRunningAppsRespo
nse" name="IMultiPointSession_GetSessionRunningApps_OutputMessage"
message="tns:IMultiPointSession_GetSessionRunningApps_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointSession_GetSessionRunningApps_WmsFaultType_FaultMessage"/>
</wsdl:operation>

```

#### 3.7.4.9.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointSession_GetSessionRunningApps_InputMessage	This message requests a list of the applications currently running in the specified Windows session.
IMultiPointSession_GetSessionRunningApps_OutputMessage	This message contains a list of the applications currently running in the specified Windows session.
IMultiPointSession_GetSessionRunningApps_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

### 3.7.4.9.1.1 IMultiPointSession\_GetSessionRunningApps\_InputMessage Message

A **WSDL message** containing the request for the **GetSessionRunningApps WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointSession/GetSessionRunningApps
<wsdl:message name="IMultiPointSession_GetSessionRunningApps_InputMessage">
  <wsdl:part name="GetSessionRunningApps" element="tns:GetSessionRunningApps"/>
</wsdl:message>
```

### 3.7.4.9.1.2 IMultiPointSession\_GetSessionRunningApps\_OutputMessage Message

A **WSDL message** containing the response for the **GetSessionRunningApps WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointSession/GetSessionRunningAppsResponse
<wsdl:message name="IMultiPointSession_GetSessionRunningApps_OutputMessage">
  <wsdl:part name="GetSessionRunningAppsResponse"
element="tns:GetSessionRunningAppsResponse"/>
</wsdl:message>
```

### 3.7.4.9.1.3 IMultiPointSession\_GetSessionRunningApps\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **GetSessionRunningApps WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointSession_GetSessionRunningApps_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.7.4.9.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<GetSessionRunningApps>	Input parameters element
<GetSessionRunningAppsResponse>	Output data element

#### 3.7.4.9.2.1 GetSessionRunningApps

```
<xsd:element name="GetSessionRunningApps" type="tns:GetSessionRunningAppsRequestBody"/>
```

#### 3.7.4.9.2.2 GetSessionRunningAppsResponse

```
<xsd:element name="GetSessionRunningAppsResponse"
type="tns:GetSessionRunningAppsResponseBody"/>
```

### 3.7.4.9.3 Complex Types

The following table summarizes the **XML Schema** complex type definitions that are specific to this operation.

Complex type	Description
<GetSessionRunningAppsRequestBody>	XML supplying the input parameters
<GetSessionRunningAppsResponseBody>	XML supplying the output parameters
WMS_RUNNING_APP_WS	XML structure definition of running application element.
ArrayOfWMS_RUNNING_APP_WS	Array of 0 or more elements of type WMS_RUNNING_APP_WS.

#### 3.7.4.9.3.1 GetSessionRunningAppsRequestBody

```
<xsd:complexType name="GetSessionRunningAppsRequestBody">
  <xsd:sequence>
    <xsd:element minOccurs="1" maxOccurs="1" name="idSession" type="xsd:unsignedInt"/>
  </xsd:sequence>
</xsd:complexType>
```

**idSession:** Contains the ID of the remote desktop session.

#### 3.7.4.9.3.2 GetSessionRunningAppsResponseBody

```
<xsd:complexType name="GetSessionRunningAppsResponseBody">
  <xsd:sequence>
    <xsd:element minOccurs="1" maxOccurs="1" name="pprgwsWmsRunningAppWs"
type="xsd:ArrayOfWMS_RUNNING_APPWS"/>
  </xsd:sequence>
</xsd:complexType>
```

**pprgwsWmsRunningAppWs:** Contains a list of applications currently running in the session.

#### 3.7.4.9.3.3 WMS\_RUNNING\_APP\_WS

The **WMS\_RUNNING\_APP\_WS** complex type contains data about a single application currently running on the server. [<20>](#)

```
<xsd:complexType name="WMS_RUNNING_APP_WS">
  <xsd:sequence>
    <xsd:element minOccurs="1" maxOccurs="1" name="wsName" type="xsd:string"/>
    <xsd:element minOccurs="1" maxOccurs="1" name="ProcessId" type="xsd:unsignedInt"/>
    <xsd:element minOccurs="1" maxOccurs="1" name="WindowId" type="xsd:unsignedInt"/>
    <xsd:element minOccurs="1" maxOccurs="1" name="CreateTime" type="xsd:unsignedLong"/>
  </xsd:sequence>
</xsd:complexType>
```

**wsName:** Contains the application name.

**ProcessId:** Contains the process ID of the application.

**WindowId:** Contains the window ID of the main application window.

**CreateTime:** Contains the process creation time.

#### 3.7.4.9.3.4 ArrayOfWMS\_RUNNING\_APP\_WS

The **ArrayOfWMS\_RUNNING\_WS** complex type is an array of zero or more elements of type `tns:WMS_RUNNING_APP_WS`.<21>

```
<xsd:complexType name="ArrayOfWMS_RUNNING_APP_WS">
  <xsd:sequence>
    <xsd:element minOccurs="0" maxOccurs="unbounded" name="prgWmsRunningAppWs"
type="tns:WMS_RUNNING_APP_WS" />
  </xsd:sequence>
</xsd:complexType>
```

**prgWmsRunningAppWs:** Contains an array of zero or more **WMS\_RUNNING\_APP\_WS** structures (section 3.7.4.9.3.3).

#### 3.7.4.10 GetThumbnailBits Operation

The **GetThumbnailBits** method requests that the server return a JPEG image of the contents of the specified Windows session. This operation **MUST** be authenticated by using either the Server Management Credentials or the Server Control Credentials (section 3.4.1).

```
<wsdl:operation name="GetThumbnailBits">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/GetThumbnailBits"
name="IMultiPointSession_GetThumbnailBits_InputMessage"
message="tns:IMultiPointSession_GetThumbnailBits_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/GetThumbnailBitsResponse"
name="IMultiPointSession_GetThumbnailBits_OutputMessage"
message="tns:IMultiPointSession_GetThumbnailBits_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointSession_GetThumbnailBits_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

##### 3.7.4.10.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointSession_GetThumbnailBits_InputMessage	This message requests that the server return a JPEG image of the contents of the specified Windows session.
IMultiPointSession_GetThumbnailBits_OutputMessage	This message contains the requested thumbnail image.
IMultiPointSession_GetThumbnailBits_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.



### 3.7.4.10.1.1 IMultiPointSession\_GetThumbnailBits\_InputMessage Message

A **WSDL message** containing the request for the **GetThumbnailBits WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointSession/GetThumbnailBits
<wsdl:message name="IMultiPointSession_GetThumbnailBits_InputMessage">
  <wsdl:part name="GetThumbnailBits" element="tns:GetThumbnailBits"/>
</wsdl:message>
```

### 3.7.4.10.1.2 IMultiPointSession\_GetThumbnailBits\_OutputMessage Message

A **WSDL message** containing the request for the **GetThumbnailBits WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointSession/GetThumbnailBits
<wsdl:message name="IMultiPointSession_GetThumbnailBits_OutputMessage">
  <wsdl:part name="GetThumbnailBits" element="tns:GetThumbnailBits"/>
</wsdl:message>
```

### 3.7.4.10.1.3 IMultiPointSession\_GetThumbnailBits\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **GetThumbnailBits WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointSession_GetThumbnailBits_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

## 3.7.4.10.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<GetThumbnailBits>	Input parameters element
<GetThumbnailBitsResponse>	Output data element

### 3.7.4.10.2.1 GetThumbnailBits

```
<xsd:element name="GetThumbnailBits" type="tns:GetThumbnailBitsRequestBody"/>
```

### 3.7.4.10.2.2 GetThumbnailBitsResponse

```
<xsd:element name="GetThumbnailBitsResponse" type="tns:GetThumbnailBitsResponseBody"/>
```

## 3.7.4.10.3 Complex Types

The following table summarizes the **XML Schema** complex type definitions that are specific to this operation.

Complex type	Description
<GetThumbnailBitsRequestBody>	XML supplying the input parameters
<GetThumbnailBitsResponseBody>	XML supplying the output parameters

### 3.7.4.10.3.1 GetThumbnailBitsRequestBody

```
<xsd:complexType name="GetThumbnailBitsRequestBody">
  <xsd:sequence>
    <xsd:element minOccurs="1" maxOccurs="1" name="idSession" type="xsd:unsignedInt"/>
    <xsd:element minOccurs="1" maxOccurs="1" name="eBitmapSize" type="xsd:unsignedInt"/>
  </xsd:sequence>
</xsd:complexType>
```

**idSession:** Contains the ID of the remote desktop session being associated with the station.

**eBitmapSize:** Contains an unsigned integer with the following possible values:

Value	Meaning
0	small
1	medium
2	large
3	fullscreen

### 3.7.4.10.3.2 GetThumbnailBitsResponseBody

```
<xsd:complexType name="GetThumbnailBitsResponseBody">
  <xsd:sequence>
    <xsd:element minOccurs="0" maxOccurs="1" name="ppbDataBits" type="xsd:base64Binary"
      mimeType:expectedContentTypes="image/jpeg" xmlns:mimeType="http://www.w3.org/2005/05/xmlmime"/>
  </xsd:sequence>
</xsd:complexType>
```

**ppbDataBits:** Contains base64-encoded JPEG image of the session's desktop.

### 3.7.4.11 IdentifySession Operation

The **IdentifySession** method requests that the server display station-identification information on the station associated with the specified remote desktop session. This operation **MUST** be authenticated by using Server Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="IdentifySession">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/IdentifySession"
    name="IMultiPointSession_IdentifySession_InputMessage"
    message="tns:IMultiPointSession_IdentifySession_InputMessage"/>
```

```

    <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/IdentifySessionResponse"
name="IMultiPointSession_IdentifySession_OutputMessage"
message="tns:IMultiPointSession_IdentifySession_OutputMessage"/>
    <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointSession_IdentifySession_WmsFaultType_FaultMessage"/>
</wsdl:operation>

```

### 3.7.4.11.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointSession_IdentifySession_InputMessage	This message requests that the server display station-identification information on the station associated with the specified Windows session.
IMultiPointSession_IdentifySession_OutputMessage	Response message.
IMultiPointSession_IdentifySession_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.7.4.11.1.1 IMultiPointSession\_IdentifySession\_InputMessage Message

A **WSDL message** containing the request for the **IdentifySession WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointSession/IdentifySession
<wsdl:message name="IMultiPointSession_IdentifySession_InputMessage">
  <wsdl:part name="IdentifySession" element="tns:IdentifySession"/>
</wsdl:message>

```

#### 3.7.4.11.1.2 IMultiPointSession\_IdentifySession\_OutputMessage Message

A **WSDL message** containing the response for the **IdentifySession WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointSession/IdentifySessionResponse
<wsdl:message name="IMultiPointSession_IdentifySession_OutputMessage">
  <wsdl:part name="IdentifySessionResponse" element="tns:IdentifySessionResponse"/>
</wsdl:message>

```

#### 3.7.4.11.1.3 IMultiPointSession\_IdentifySession\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **IdentifySession WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/WmsFault

```

```

<wsdl:message name="IMultiPointSession_IdentifySession_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>

```

### 3.7.4.11.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<IdentifySession>	Input parameters element
<IdentifySessionResponse>	Output data element

#### 3.7.4.11.2.1 IdentifySession

```

<xsd:element name="IdentifySession"
type="tns:IdentifySessionRequestBody"/>

```

#### 3.7.4.11.2.2 IdentifySessionResponse

```

<xsd:element name="IdentifySessionResponse" type="q1:IdentifySessionResponseBody"/>

```

### 3.7.4.11.3 Complex Types

The following table summarizes the **XML Schema** complex type definitions that are specific to this operation.

Complex type	Description
<IdentifySessionRequestBody>	XML supplying the input parameters
<IdentifySessionResponseBody>	XML supplying the output parameters

#### 3.7.4.11.3.1 IdentifySessionRequestBody

```

<xsd:complexType name="IdentifySessionRequestBody">
  <xsd:sequence>
    <xsd:element minOccurs="1" maxOccurs="1" name="idSession" type="xsd:unsignedInt"/>
    <xsd:element minOccurs="1" maxOccurs="1" name="wsStationName" type="xsd:string"/>
    <xsd:element minOccurs="1" maxOccurs="1" name="wsStationHost" type="xsd:string"/>
    <xsd:element minOccurs="1" maxOccurs="1" name="wsSessionHost" type="xsd:string"/>
    <xsd:element minOccurs="1" maxOccurs="1" name="eAction" type="xsd:unsignedInt"/>
  </xsd:sequence>
</xsd:complexType>

```

**idSession:** Contains the ID of the Windows session.

**wsStationName:** Contains the name of the station associated with the Windows session.

**wsStationHost:** Contains the host name of the station host.

**wsSessionHost:** Contains the host name of the session host.

**eAction:** Contains the action: 0 = update; 1 = identify.

### 3.7.4.11.3.2 IdentifySessionResponseBody

```
<xsd:complexType name="IdentifySessionResponseBody"/>
```

### 3.7.4.12 GetSessionFlags

The **GetSessionFlags** method retrieves a set of bit flags that provide information about the session. This operation MUST be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="GetSessionFlags">
  <wsdl:input wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/
  GetSessionFlags" name="IMultiPointSession_GetSessionFlags_InputMessage"
  message="tns:IMultiPointSession_GetSessionFlags_InputMessage"/>
  <wsdl:output wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/
  GetSessionFlagsResponse" name="IMultiPointSession_GetSessionFlags_OutputMessage"
  message="tns:IMultiPointSession_GetSessionFlags_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
  message="tns:IMultiPointSession_GetSessionFlags_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.7.4.12.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointSession_GetSessionFlags_InputMessage	This message requests if the specified Windows session is an <b>administrator</b> session.
IMultiPointSession_GetSessionFlags_OutputMessage	Response message.
IMultiPointSession_GetSessionFlags_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.7.4.12.1.1 IMultiPointSession\_GetSessionFlags\_InputMessage Message

A **WSDL message** containing the request for the **GetSessionFlags** **WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointSession/GetSessionFlags
<wsdl:message name="IMultiPointSession_GetSessionFlags_InputMessage">
  <wsdl:part name="GetSessionFlags" element="tns:GetSessionFlags"/>
</wsdl:message>
```

#### 3.7.4.12.1.2 IMultiPointSession\_GetSessionFlags\_OutputMessage Message

A **WSDL message** containing the response for the **GetSessionFlags WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointSession/GetSessionFlagsResponse
<wsdl:message name="IMultiPointSession_GetSessionFlags_OutputMessage">
  <wsdl:part name="GetSessionFlagsResponse" element="tns:GetSessionFlagsResponse"/>
</wsdl:message>
```

### 3.7.4.12.1.3 IMultiPointSession\_GetSessionFlags\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **GetSessionFlags WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointSession_GetSessionFlags_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.7.4.12.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<GetSessionFlags>	Input parameters element
<GetSessionFlagsResponse>	Output data element

#### 3.7.4.12.2.1 GetSessionFlags

```
<xsd:element name="GetSessionFlags">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="idSession" type="xsd:unsignedInt"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**idSession:** Contains the ID of the Windows session being associated with the station.

#### 3.7.4.12.2.2 GetSessionFlagsResponse

```
<xsd:element name="GetSessionFlagsResponse">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="0" maxOccurs="1" name="pfgrSession" type="xsd:unsignedInt"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**pfgrSession:** The defined flags are:

Name - Description - Bitfield value

WSF\_Admin - User logged into session is an administrator - 0x0001

WSF\_Mog - User logged into session is a member of the MultiPoint Operators Group - 0x0002

WSF\_Student - User logged into session is a standard user - 0x0004

WSF\_Locked - Session is locked - 0x0008

WSF\_WebLimited - Session has web access limitations enabled - 0x0010

WSF\_Orchestratable - Session can be managed - 0x0020

### 3.7.4.12.3 Complex Types

None.

### 3.7.4.13 LockSession Operation

The **LockSession** method requests that the server lock the specified Windows session. This operation **MUST** be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="LockSession">
  <wsdl:input wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/LockSession"
  name="IMultiPointSession LockSession InputMessage"
  message="tns:IMultiPointSession_LockSession_InputMessage"/>
  <wsdl:output
  wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/LockSessionResponse"
  name="IMultiPointSession_LockSession_OutputMessage"
  message="tns:IMultiPointSession LockSession OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
  message="tns:IMultiPointSession LockSession WmsFaultType FaultMessage"/>
</wsdl:operation>
```

#### 3.7.4.13.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointSession_LockSession_InputMessage	This message requests that a specific Windows session be locked.
IMultiPointSession_LockSession_OutputMessage	Response message.
IMultiPointSession_LockSession_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

##### 3.7.4.13.1.1 IMultiPointSession\_LockSession\_InputMessage Message

A **WSDL message** containing the request for the **LockSession WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointSession/LockSession
<wsdl:message name="IMultiPointSession_LockSession_InputMessage">
  <wsdl:part name="LockSession" element="tns:LockSession"/>
</wsdl:message>

```

### 3.7.4.13.1.2 IMultiPointSession\_LockSession\_OutputMessage Message

A **WSDL message** containing the response for the **LockSession WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointSession/LockSessionResponse
<wsdl:message name="IMultiPointSession_LockSession_OutputMessage">
  <wsdl:part name="LockSessionResponse" element="tns:LockSessionResponse"/>
</wsdl:message>

```

### 3.7.4.13.1.3 IMultiPointSession\_LockSession\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **LockSession WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointSession_LockSession_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>

```

## 3.7.4.13.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<LockSession>	Input parameters element
<LockSessionResponse>	Output data element

### 3.7.4.13.2.1 LockSession

```
<xsd:element name="LockSession" type="tns:LockSessionRequestBody"/>
```

### 3.7.4.13.2.2 LockSessionResponse

```
<xsd:element name="LockSessionResponse" type="q1:LockSessionResponseBody"/>
```

## 3.7.4.13.3 Complex Types

The following table summarizes the **XML Schema** complex type definitions that are specific to this operation.



Complex type	Description
<LockSessionRequestBody>	XML supplying the input parameters
<LockSessionResponseBody>	XML supplying the output parameters

### 3.7.4.13.3.1 LockSessionRequestBody

```
<xsd:complexType name="LockSessionRequestBody">
  <xsd:sequence>
    <xsd:element minOccurs="1" maxOccurs="1" name="idSession" type="xsd:unsignedInt"/>
    <xsd:element minOccurs="1" maxOccurs="1" name="wsLockMessage" type="xsd:string"/>
  </xsd:sequence>
</xsd:complexType>
```

**idSession:** Contains the ID of the Windows session being associated with the station.

**wsLockMessage:** Contains the message to be displayed while the session is locked.

### 3.7.4.13.3.2 LockSessionResponseBody

```
<xsd:complexType name="LockSessionResponseBody"/>
```

## 3.7.4.14 LogOffSession Operation

The **LogOffSession** method requests that the server log off the specified Windows session. This operation **MUST** be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="LogOffSession">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/LogOffSession"
    name="IMultiPointSession_LogOffSession_InputMessage"
    message="tns:IMultiPointSession_LogOffSession_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/LogOffSessionResponse"
    name="IMultiPointSession_LogOffSession_OutputMessage"
    message="tns:IMultiPointSession_LogOffSession_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointSession_LogOffSession_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

### 3.7.4.14.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointSession_LogOffSession_InputMessage	This message requests that the server log off the specified Windows session.
IMultiPointSession_LogOffSession_OutputMessage	Response message.
IMultiPointSession_LogOffSession_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.7.4.14.1.1 IMultiPointSession\_LogOffSession\_InputMessage Message

A **WSDL message** containing the request for the **LogOffSession WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointSession/LogOffSession
<wsdl:message name="IMultiPointSession_LogOffSession_InputMessage">
  <wsdl:part name="LogOffSession" element="tns:LogOffSession"/>
</wsdl:message>
```

#### 3.7.4.14.1.2 IMultiPointSession\_LogOffSession\_OutputMessage Message

A **WSDL message** containing the response for the **LogOffSession WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointSession/LogOffSessionResponse
<wsdl:message name="IMultiPointSession_LogOffSession_OutputMessage">
  <wsdl:part name="LogOffSessionResponse" element="tns:LogOffSessionResponse"/>
</wsdl:message>
```

#### 3.7.4.14.1.3 IMultiPointSession\_LogOffSession\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **LogOffSession WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointSession_LogOffSession_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.7.4.14.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<LogOffSession>	Input parameters element
<LogOffSessionResponse>	Output data element

#### 3.7.4.14.2.1 LogOffSession

```
<xsd:element name="LogOffSession">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="idSession" type="xsd:unsignedInt"/>
    </xsd:sequence>
  </xsd:complexType>
```

```
</xsd:element>
```

**idSession:** Contains the ID of the remote desktop session.

### 3.7.4.14.2 LogOffSessionResponse

```
<xsd:element name="LogOffSessionResponse">  
  <xsd:complexType/>  
</xsd:element>
```

### 3.7.4.14.3 Complex Types

None.

### 3.7.4.15 RunFileSession Operation

The **RunFileSession** method requests that the server run the specified file in the specified Windows session. This operation **MUST** be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="RunFileSession">  
  <wsdl:input  
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/RunFileSession"  
    name="IMultiPointSession RunFileSession InputMessage"  
    message="tns:IMultiPointSession_RunFileSession_InputMessage"/>  
  <wsdl:output  
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/RunFileSessionResponse"  
    name="IMultiPointSession RunFileSession OutputMessage"  
    message="tns:IMultiPointSession RunFileSession OutputMessage"/>  
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"  
    message="tns:IMultiPointSession_RunFileSession_WmsFaultType_FaultMessage"/>  
</wsdl:operation>
```

#### 3.7.4.15.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointSession_RunFileSession_InputMessage	This message requests that the server run the specified file in the specified Windows session context.
IMultiPointSession_RunFileSession_OutputMessage	Response message.
IMultiPointSession_RunFileSession_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.7.4.15.1.1 IMultiPointSession\_RunFileSession\_InputMessage Message

A **WSDL message** containing the request for the **RunFileSession WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointSession/RunFileSession
<wsdl:message name="IMultiPointSession_RunFileSession_InputMessage">
  <wsdl:part name="RunFileSession" element="tns:RunFileSession"/>
</wsdl:message>

```

### 3.7.4.15.1.2 IMultiPointSession\_RunFileSession\_OutputMessage Message

A **WSDL message** containing the response for the **RunFileSession WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointSession/RunFileSessionResponse
<wsdl:message name="IMultiPointSession_RunFileSession_OutputMessage">
  <wsdl:part name="RunFileSessionResponse" element="tns:RunFileSessionResponse"/>
</wsdl:message>

```

### 3.7.4.15.1.3 IMultiPointSession\_RunFileSession\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **RunFileSession WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointSession_RunFileSession_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>

```

## 3.7.4.15.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<RunFileSession>	Input parameters element
<RunFileSessionResponse>	Output data element

### 3.7.4.15.2.1 RunFileSession

```
<xsd:element name="RunFileSession" type="tns:RunFileSessionRequestBody"/>
```

### 3.7.4.15.2.2 RunFileSessionResponse

```
<xsd:element name="RunFileSessionResponse" type="tns:RunFileSessionResponseBody"/>
```

## 3.7.4.15.3 Complex Types

The following table summarizes the **XML Schema** complex type definitions that are specific to this operation.

Complex type	Description
<RunFileSessionRequestBody>	XML supplying the input parameters
<RunFileSessionResponseBody>	XML supplying the output parameters

### 3.7.4.15.3.1 RunFileSessionRequestBody

```
<xsd:complexType name="RunFileSessionRequestBody">
  <xsd:sequence>
    <xsd:element minOccurs="1" maxOccurs="1" name="idSession" type="xsd:unsignedInt"/>
    <xsd:element minOccurs="1" maxOccurs="1" name="wsFileToRun" type="xsd:string"/>
  </xsd:sequence>
</xsd:complexType>
```

**idSession:** Contains the ID of the Windows session being associated with the station.

**wsFileToRun:** Contains the file name of the file to be executed.

### 3.7.4.15.3.2 RunFileSessionResponseBody

```
<xsd:complexType name="RunFileSessionResponseBody">
  <xsd:sequence>
    <xsd:element minOccurs="0" maxOccurs="1" name="pdwResult" type="xsd:unsignedInt"/>
  </xsd:sequence>
</xsd:complexType>
```

**pdwResult:** Contains the result code of the executed process.

### 3.7.4.16 ShareDesktop Operation

The **ShareDesktop** method requests that the server share the specified Windows session so that it can be viewed by other Windows sessions. This operation **MUST** be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="ShareDesktop">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/ShareDesktop"
    name="IMultiPointSession_ShareDesktop_InputMessage"
    message="tns:IMultiPointSession_ShareDesktop_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/ShareDesktopResponse"
    name="IMultiPointSession_ShareDesktop_OutputMessage"
    message="tns:IMultiPointSession_ShareDesktop_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointSession_ShareDesktop_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.7.4.16.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointSession_ShareDesktop_InputMessage	This message requests that the server share

Message	Description
	a specific Windows session.
IMultiPointSession_ShareDesktop_OutputMessage	Response message that contains the invitation string used to view the shared desktop.
IMultiPointSession_ShareDesktop_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

### 3.7.4.16.1.1 IMultiPointSession\_ShareDesktop\_InputMessage Message

A **WSDL message** containing the request for the **ShareDesktop WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointSession/ShareDesktop
<wsdl:message name="IMultiPointSession_ShareDesktop_InputMessage">
  <wsdl:part name="ShareDesktop" element="tns:ShareDesktop"/>
</wsdl:message>
```

### 3.7.4.16.1.2 IMultiPointSession\_ShareDesktop\_OutputMessage Message

A **WSDL message** containing the response for the **ShareDesktop WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointSession/ShareDesktopResponse
<wsdl:message name="IMultiPointSession_ShareDesktop_OutputMessage">
  <wsdl:part name="ShareDesktopResponse" element="tns:ShareDesktopResponse"/>
</wsdl:message>
```

### 3.7.4.16.1.3 IMultiPointSession\_ShareDesktop\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **ShareDesktop WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointSession_ShareDesktop_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

## 3.7.4.16.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<ShareDesktop>	Input parameters element
<ShareDesktopResponse>	Output data element

### 3.7.4.16.2.1 ShareDesktop

```
<xsd:element name="ShareDesktop" type="tns:ShareDesktopRequestBody"/>
```

### 3.7.4.16.2.2 ShareDesktopResponse

```
<xsd:element name="ShareDesktopResponse" type="tns:ShareDesktopResponseBody"/>
```

### 3.7.4.16.3 Complex Types

The following table summarizes the **XML Schema** complex type definitions that are specific to this operation.

Complex type	Description
<ShareDesktopRequestBody>	XML supplying the input parameters
<ShareDesktopResponseBody>	XML supplying the output parameters

#### 3.7.4.16.3.1 ShareDesktopRequestBody

```
<xsd:complexType name="ShareDesktopRequestBody">  
  <xsd:sequence>  
    <xsd:element minOccurs="1" maxOccurs="1" name="idSession" type="xsd:unsignedInt"/>  
    <xsd:element minOccurs="0" maxOccurs="1" name="eMode" type="xsd:unsignedInt"/>  
    <xsd:element minOccurs="1" maxOccurs="1" name="iMaxViewers" type="xsd:int"/>  
    <xsd:element minOccurs="0" maxOccurs="1" name="wsTeacherName" type="xsd:string"/>  
  </xsd:sequence>  
</xsd:complexType>
```

**idSession:** Contains the ID of the Windows session being associated with the station.

**eMode:** The remote control mode: 0 = allow remote control, and 1 = project session.

**iMaxViewers:** Contains the number of viewers allowed.

**wsTeacherName:** Contains the name of the person who shared the desktop.

#### 3.7.4.16.3.2 ShareDesktopResponseBody

```
<xsd:complexType name="ShareDesktopResponseBody">  
  <xsd:sequence>  
    <xsd:element minOccurs="0" maxOccurs="1" name="pwsInvitation" type="xsd:string"/>  
  </xsd:sequence>  
</xsd:complexType>
```

**pwsInvitation:** Contains the Windows Desktop Sharing invitation string to be used to enable other sessions to view the shared desktop.

### 3.7.4.17 StopIdentifyingSession Operation

The **StopIdentifyingSession** method requests that the specified Windows session stop displaying station-identification information. This operation **MUST** be authenticated by using Server Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="StopIdentifyingSession">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/StopIdentifyingSession"
    name="IMultiPointSession_StopIdentifyingSession_InputMessage"
    message="tns:IMultiPointSession_StopIdentifyingSession_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/StopIdentifyingSessionResponse"
    name="IMultiPointSession_StopIdentifyingSession_OutputMessage"
    message="tns:IMultiPointSession_StopIdentifyingSession_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointSession_StopIdentifyingSession_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.7.4.17.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointSession_StopIdentifyingSession_InputMessage	This message requests that the specified Windows session stop displaying station-identification information.
IMultiPointSession_StopIdentifyingSession_OutputMessage	Response message.
IMultiPointSession_StopIdentifyingSession_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

##### 3.7.4.17.1.1 IMultiPointSession\_StopIdentifyingSession\_InputMessage Message

A **WSDL message** containing the request for the **StopIdentifyingSession WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointSession/StopIdentifyingSession
<wsdl:message name="IMultiPointSession_StopIdentifyingSession_InputMessage">
  <wsdl:part name="StopIdentifyingSession" element="tns:StopIdentifyingSession"/>
</wsdl:message>
```

##### 3.7.4.17.1.2 IMultiPointSession\_StopIdentifyingSession\_OutputMessage Message

A **WSDL message** containing the response for the **StopIdentifyingSession WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointSession/StopIdentifyingSessionResponse
<wsdl:message name="IMultiPointSession_StopIdentifyingSession_OutputMessage">
```



```

    <wsdl:part name="StopIdentifyingSessionResponse"
    element="tns:StopIdentifyingSessionResponse"/>
  </wsdl:message>

```

### 3.7.4.17.1.3 IMultiPointSession\_StopIdentifyingSession\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **StopIdentifyingSession WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointSession_StopIdentifyingSession_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>

```

### 3.7.4.17.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<StopIdentifyingSession>	Input parameters element
<StopIdentifyingSessionResponse>	Output data element

#### 3.7.4.17.2.1 StopIdentifyingSession

```

<xsd:element name="StopIdentifyingSession">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="idSession" type="xsd:unsignedInt"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>

```

**idSession:** Contains the ID of the Windows session.

#### 3.7.4.17.2.2 StopIdentifyingSessionResponse

```

<xsd:element name="StopIdentifyingSessionResponse">
  <xsd:complexType/>
</xsd:element>

```

### 3.7.4.17.3 Complex Types

None.

### 3.7.4.18 StopLockingSession Operation

The **StopLockingSession** method requests that the server unlock the specified Windows session. This operation **MUST** be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```

<wsdl:operation name="StopLockingSession">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/StopLockingSession"
name="IMultiPointSession_StopLockingSession_InputMessage"
message="tns:IMultiPointSession_StopLockingSession_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/StopLockingSessionResponse"
name="IMultiPointSession_StopLockingSession_OutputMessage"
message="tns:IMultiPointSession_StopLockingSession_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointSession_StopLockingSession_WmsFaultType_FaultMessage"/>
</wsdl:operation>

```

### 3.7.4.18.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointSession_StopLockingSession_InputMessage	This message requests that the server unlock the specified Windows session.
IMultiPointSession_StopLockingSession_OutputMessage	Response message.
IMultiPointSession_StopLockingSession_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.7.4.18.1.1 IMultiPointSession\_StopLockingSession\_InputMessage Message

A **WSDL message** containing the request for the **StopLockingSession WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointSession/StopLockingSession
<wsdl:message name="IMultiPointSession_StopLockingSession_InputMessage">
  <wsdl:part name="StopLockingSession" element="tns:StopLockingSession"/>
</wsdl:message>

```

#### 3.7.4.18.1.2 IMultiPointSession\_StopLockingSession\_OutputMessage Message

A **WSDL message** containing the response for the **StopLockingSession WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointSession/StopLockingSessionResponse
<wsdl:message name="IMultiPointSession_StopLockingSession_OutputMessage">
  <wsdl:part name="StopLockingSessionResponse" element="tns:StopLockingSessionResponse"/>
</wsdl:message>

```

#### 3.7.4.18.1.3 IMultiPointSession\_StopLockingSession\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **StopLockingSession WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointSession_StopLockingSession_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>

```

### 3.7.4.18.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<StopLockingSession>	Input parameters element
<StopLockingSessionResponse>	Output data element

#### 3.7.4.18.2.1 StopLockingSession

```

<xsd:element name="StopLockingSession">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="idSession" type="xsd:unsignedInt"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>

```

**idSession:** Contains the ID of the Windows session.

#### 3.7.4.18.2.2 StopLockingSessionResponse

```

<xsd:element name="StopLockingSessionResponse">
  <xsd:complexType/>
</xsd:element>

```

### 3.7.4.18.3 Complex Types

None.

### 3.7.4.19 StopShareDesktop Operation

The **StopShareDesktop** method requests that the server stop sharing the desktop of the specified Windows session. This operation **MUST** be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```

<wsdl:operation name="StopShareDesktop">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/StopShareDesktop"
name="IMultiPointSession_StopShareDesktop_InputMessage"
message="tns:IMultiPointSession_StopShareDesktop_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/StopShareDesktopResponse"
name="IMultiPointSession_StopShareDesktop_OutputMessage"
message="tns:IMultiPointSession_StopShareDesktop_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointSession_StopShareDesktop_WmsFaultType_FaultMessage"/>

```

</wsdl:operation>

### 3.7.4.19.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointSession_StopShareDesktop_InputMessage	This message requests that the server stop sharing the desktop of the specified Windows session.
IMultiPointSession_StopShareDesktop_OutputMessage	Response message.
IMultiPointSession_StopShareDesktop_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.7.4.19.1.1 IMultiPointSession\_StopShareDesktop\_InputMessage Message

A **WSDL message** containing the request for the **StopShareDesktop WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointSession/StopShareDesktop
<wsdl:message name="IMultiPointSession_StopShareDesktop_InputMessage">
  <wsdl:part name="StopShareDesktop" element="tns:StopShareDesktop"/>
</wsdl:message>
```

#### 3.7.4.19.1.2 IMultiPointSession\_StopShareDesktop\_OutputMessage Message

A **WSDL message** containing the response for the **StopShareDesktop WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointSession/StopShareDesktopResponse
<wsdl:message name="IMultiPointSession_StopShareDesktop_OutputMessage">
  <wsdl:part name="StopShareDesktopResponse" element="tns:StopShareDesktopResponse"/>
</wsdl:message>
```

#### 3.7.4.19.1.3 IMultiPointSession\_StopShareDesktop\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **StopShareDesktop WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointSession_StopShareDesktop_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.7.4.19.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<StopShareDesktop>	Input parameters element
<StopShareDesktopResponse>	Output data element

#### 3.7.4.19.2.1 StopShareDesktop

```
<xsd:element name="StopShareDesktop">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="idSession" type="xsd:unsignedInt"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**idSession:** Contains the ID of the Windows session.

#### 3.7.4.19.2.2 StopShareDesktopResponse

```
<xsd:element name="StopShareDesktopResponse">
  <xsd:complexType/>
</xsd:element>
```

#### 3.7.4.19.3 Complex Types

None.

#### 3.7.4.20 ViewDesktop Operation

The **ViewDesktop** method requests that the server cause a specific Windows session to view another shared Windows session. This operation **MUST** be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="ViewDesktop">
  <wsdl:input wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/ViewDesktop"
    name="IMultiPointSession_ViewDesktop_InputMessage"
    message="tns:IMultiPointSession_ViewDesktop_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/ViewDesktopResponse"
    name="IMultiPointSession_ViewDesktop_OutputMessage"
    message="tns:IMultiPointSession_ViewDesktop_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointSession_ViewDesktop_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.7.4.20.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointSession_ViewDesktop_InputMessage	This message requests that the server cause the specified Windows session to view the specified shared desktop.
IMultiPointSession_ViewDesktop_OutputMessage	Response message.
IMultiPointSession_ViewDesktop_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

### 3.7.4.20.1.1 IMultiPointSession\_ViewDesktop\_InputMessage Message

A **WSDL message** containing the request for the **ViewDesktop WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointSession/ViewDesktop
<wsdl:message name="IMultiPointSession_ViewDesktop_InputMessage">
  <wsdl:part name="ViewDesktop" element="tns:ViewDesktop"/>
</wsdl:message>
```

### 3.7.4.20.1.2 IMultiPointSession\_ViewDesktop\_OutputMessage Message

A **WSDL message** containing the response for the **ViewDesktop WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointSession/ViewDesktopResponse
<wsdl:message name="IMultiPointSession_ViewDesktop_OutputMessage">
  <wsdl:part name="ViewDesktopResponse" element="tns:ViewDesktopResponse"/>
</wsdl:message>
```

### 3.7.4.20.1.3 IMultiPointSession\_ViewDesktop\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **ViewDesktop WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointSession_ViewDesktop_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

## 3.7.4.20.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<ViewDesktop>	Input parameters element
<ViewDesktopResponse>	Output data element

### 3.7.4.20.2.1 ViewDesktop

```
<xsd:element name="ViewDesktop" type="tns:ViewDesktopRequestBody"/>
```

### 3.7.4.20.2.2 ViewDesktopResponse

```
<xsd:element name="ViewDesktopResponse" type="q1:ViewDesktopResponseBody"/>
```

### 3.7.4.20.3 Complex Types

The following table summarizes the **XML Schema** complex type definitions that are specific to this operation.

Complex type	Description
<ViewDesktopRequestBody>	XML supplying the input parameters
<ViewDesktopResponseBody>	XML supplying the output parameters

#### 3.7.4.20.3.1 ViewDesktopRequestBody

```
<xsd:complexType name="ViewDesktopRequestBody">
  <xsd:sequence>
    <xsd:element minOccurs="1" maxOccurs="1" name="idSession" type="xsd:unsignedInt"/>
    <xsd:element minOccurs="0" maxOccurs="1" name="eMode" type="xsd:unsignedInt" />
    <xsd:element minOccurs="0" maxOccurs="1" name="wsInvitation" type="xsd:string"/>
    <xsd:element minOccurs="0" maxOccurs="1" name="wsTitle" type="xsd:string"/>
  </xsd:sequence>
</xsd:complexType>
```

**idSession:** Contains the ID of the Windows session to view the desktop indicated by the invitation string.

**eMode:** The remote control mode: 0 = allow remote control, and 1 = project session.

**wsInvitation:** Contains the Windows Desktop Sharing invitation string.

**wsTitle:** Contains the title of the shared desktop.

#### 3.7.4.20.3.2 ViewDesktopResponseBody

```
<xsd:complexType name="ViewDesktopResponseBody"/>
```

### 3.7.4.21 DisconnectSession Operation

The **DisconnectSession** method requests that the server disconnect a specific Windows session from its associated station. This operation **MUST** be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="DisconnectSession">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/DisconnectSession"
```

```

name="IMultiPointSession_DisconnectSession_InputMessage"
message="tns:IMultiPointSession_DisconnectSession_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/DisconnectSessionResponse"
name="IMultiPointSession_DisconnectSession_OutputMessage"
message="tns:IMultiPointSession_DisconnectSession_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointSession_DisconnectSession_WmsFaultType_FaultMessage"/>
</wsdl:operation>

```

### 3.7.4.21.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointSession_DisconnectSession_InputMessage	This message requests that the server disconnect the specified Windows session.
IMultiPointSession_DisconnectSession_OutputMessage	Response message.
IMultiPointSession_DisconnectSession_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.7.4.21.1.1 IMultiPointSession\_DisconnectSession\_InputMessage Message

A **WSDL message** containing the request for the **DisconnectSession WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointSession/DisconnectSession
<wsdl:message name="IMultiPointSession_DisconnectSession_InputMessage">
  <wsdl:part name="DisconnectSession" element="tns:DisconnectSession"/>
</wsdl:message>

```

#### 3.7.4.21.1.2 IMultiPointSession\_DisconnectSession\_OutputMessage Message

A **WSDL message** containing the response for the **DisconnectSession WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointSession/DisconnectSessionResponse
<wsdl:message name="IMultiPointSession_DisconnectSession_OutputMessage">
  <wsdl:part name="DisconnectSessionResponse" element="tns:DisconnectSessionResponse"/>
</wsdl:message>

```

#### 3.7.4.21.1.3 IMultiPointSession\_DisconnectSession\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **DisconnectSession WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/WmsFault

```



```

<wsdl:message name="IMultiPointSession_DisconnectSession_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>

```

### 3.7.4.21.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<DisconnectSession>	Input parameters element
<DisconnectSessionResponse>	Output data element

#### 3.7.4.21.2.1 DisconnectSession

```

<xsd:element name="DisconnectSession">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="idSession" type="xsd:unsignedInt"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>

```

**idSession:** Contains the ID of the Windows session being disconnected from its station.

#### 3.7.4.21.2.2 DisconnectSessionResponse

```

<xsd:element name="DisconnectSessionResponse">
  <xsd:complexType/>
</xsd:element>

```

### 3.7.4.21.3 Complex Types

None.

### 3.7.4.22 LogOffConsoleSession Operation

The **LogOffConsoleSession** method requests that the server log off the console session. This operation **MUST** be authenticated by using Server Management Credentials (section [3.4.1](#)).

```

<wsdl:operation name="LogOffConsoleSession">
  <wsdl:input>
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/LogOffConsoleSession"
    name="IMultiPointSession_LogOffConsoleSession_InputMessage"
    message="tns:IMultiPointSession_LogOffConsoleSession_InputMessage"/>
  <wsdl:output>
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/LogOffConsoleSessionResponse"
    name="IMultiPointSession_LogOffConsoleSession_OutputMessage"
    message="tns:IMultiPointSession_LogOffConsoleSession_OutputMessage"/>
    <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointSession_LogOffConsoleSession_WmsFaultType_FaultMessage"/>
  </wsdl:output>
</wsdl:operation>

```

### 3.7.4.22.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointSession_LogOffConsoleSession_InputMessage	This message requests that the server log off the console session.
IMultiPointSession_LogOffConsoleSession_OutputMessage	Response message.
IMultiPointSession_LogOffConsoleSession_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.7.4.22.1.1 IMultiPointSession\_LogOffConsoleSession\_InputMessage Message

A **WSDL message** containing the request for the **LogOffConsoleSession WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointSession/LogOffConsoleSession
<wsdl:message name="IMultiPointSession_LogOffConsoleSession_InputMessage">
  <wsdl:part name="LogOffConsoleSession" element="tns:LogOffConsoleSession"/>
</wsdl:message>
```

#### 3.7.4.22.1.2 IMultiPointSession\_LogOffConsoleSession\_OutputMessage Message

A **WSDL message** containing the response for the **LogOffConsoleSession WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointSession/LogOffConsoleSessionResponse
<wsdl:message name="IMultiPointSession_LogOffConsoleSession_OutputMessage">
  <wsdl:part name="LogOffConsoleSessionResponse" element="tns:LogOffConsoleSessionResponse"/>
</wsdl:message>
```

#### 3.7.4.22.1.3 IMultiPointSession\_LogOffConsoleSession\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **LogOffConsoleSession WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointSession_LogOffConsoleSession_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.7.4.22.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<LogOffConsoleSession>	Input parameters element
<LogOffConsoleSessionResponse>	Output data element

### 3.7.4.22.2.1 LogOffConsoleSession

```
<xsd:element name="LogOffConsoleSession">
  <xsd:complexType/>
</xsd:element>
```

### 3.7.4.22.2.2 LogOffConsoleSessionResponse

```
<xsd:element name="LogOffConsoleSessionResponse">
  <xsd:complexType/>
</xsd:element>
```

### 3.7.4.22.3 Complex Types

None.

### 3.7.5 Timer Events

None.

### 3.7.6 Other Local Events

None.

## 3.8 IMultiPointStation Server Details

The IMultiPointStation endpoint provides a set of APIs that allow specific stations to be manipulated or modified.

### 3.8.1 Abstract Data Model

This section describes a conceptual model of possible data organization that an implementation maintains to participate in this algorithm. The described organization is provided to facilitate the explanation of how the algorithm behaves. This document does not mandate that implementations adhere to this model as long as their external behavior is consistent with that described in this document.

The server MUST supply an **X.509** certificate for the purpose of server identification and to be used by the client and server to encrypt **SOAP** requests/responses.

The server MUST create and securely store a random password to be used to authenticate API requests.

### 3.8.2 Timers

None.

### 3.8.3 Initialization

None.

### 3.8.4 Message Processing Events and Sequencing Rules

This protocol includes the following **WSDL operations**.

Operation	Description
BlockUsbStorageDevicesAllStations	Prevent the use of <b>universal serial bus (USB)</b> storage devices on all stations.
BlockUsbStorageDevices	Prevent the use of USB storage devices on the specified station.
GetNextStationIdentifier	Get the next valid station ID following the specified station ID.
GetStationAlertStatus	Get the current alert status for the specified station.
GetStationAutoLogonInformation	Get the current auto-logon configuration of the specified station.
GetStationDeviceInformation	Get the count of a specific device type currently attached to the specified station.
GetStationFriendlyName	Get the current friendly name of the specified station.
GetStationInformation	Get information about a station.
GetStationServerName	Get the hostname of the server configured to host the session for the specified station.
GetStationSplitScreenInformation	Get information about the split-screen state of the specified station.
IdentifyStation	Cause a station to display its station-identification information.
IsUsbStorageDeviceBlocked	Determine if the USB storage blocking feature is enabled for the specified station.
RefreshStation	Cause a station to apply any configuration changes.
RemapStations	Request that the server remap all the stations.
SetStationAutoLogon	Configure a station's auto-logon settings.
SetStationFriendlyName	Configure a station's friendly name.
SetStationServerName	Configure the hostname for the server which hosts sessions for the given station.
SplitStation	Split or unsplit the specified station's display.
StopIdentifyingStation	Stop displaying the station-identification information on the specified station.
UnblockUsbStorageDevicesAllStations	Allow the use of USB storage devices on all stations.
UnblockUsbStorageDevices	Allow the use of USB storage devices on the specified station.

### 3.8.4.1 BlockUsbStorageDevicesAllStations

The **BlockUsbStorageDevicesAllStations** method requests that the server prevent USB storage devices from being accessed on all stations. [<22>](#) This operation MUST be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="BlockUsbStorageDevicesAllStations">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/BlockUsbStorageDevicesAllS
tations" name="IMultiPointStation_BlockUsbStorageDevicesAllStations_InputMessage"
message="tns:IMultiPointStation_BlockUsbStorageDevicesAllStations_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/BlockUsbStorageDevicesAllS
tationsResponse" name="IMultiPointStation_BlockUsbStorageDevicesAllStations_OutputMessage"
message="tns:IMultiPointStation_BlockUsbStorageDevicesAllStations_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointStation_BlockUsbStorageDevicesAllStations_WmsFaultType_FaultMessage"/
  >
</wsdl:operation>
```

#### 3.8.4.1.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointStation_BlockUsbStorageDevicesAllStations_InputMessage	This message requests the server to prevent all stations from accessing USB storage devices.
IMultiPointStation_BlockUsbStorageDevicesAllStations_OutputMessage	Response message.
IMultiPointStation_BlockUsbStorageDevicesAllStations_WmsFaultType_FaultMessage	This message contains the internal server failure status code, if one occurs.

##### 3.8.4.1.1.1 IMultiPointStation\_BlockUsbStorageDevicesAllStations\_InputMessage Message

A **WSDL message** containing the request for the **BlockUsbStorageDevicesAllStations WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointStation/BlockUsbStorageDevicesAllStations
<wsdl:message name="IMultiPointStation_BlockUsbStorageDevicesAllStations_InputMessage">
  <wsdl:part name="BlockUsbStorageDevicesAllStations"
element="tns:BlockUsbStorageDevicesAllStations"/>
</wsdl:message>
```

##### 3.8.4.1.1.2 IMultiPointStation\_BlockUsbStorageDevicesAllStations\_OutputMessage Message

A **WSDL message** containing the response for the **BlockUsbStorageDevicesAllStations WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointStation/BlockUsbStorageDevicesAllStationsResponse
<wsdl:message name="IMultiPointStation BlockUsbStorageDevicesAllStations OutputMessage">
  <wsdl:part name="BlockUsbStorageDevicesAllStationsResponse" element="tns:BlockUsbStorageDevicesAllStationsResponse"/>
</wsdl:message>
```

### 3.8.4.1.1.3 IMultiPointStation\_BlockUsbStorageDevicesAllStations\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **BlockUsbStorageDevicesAllStations WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message
name="IMultiPointStation_BlockUsbStorageDevicesAllStations_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.8.4.1.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<BlockUsbStorageDevicesAllStations>	An input parameter element
<BlockUsbStorageDevicesAllStationsResponse>	An output data element

#### 3.8.4.1.2.1 BlockUsbStorageDevicesAllStations

```
<xsd:element name="BlockUsbStorageDevicesAllStations">
  <xsd:complexType/>
</xsd:element>
```

#### 3.8.4.1.2.2 BlockUsbStorageDevicesAllStationsResponse

```
<xsd:element name="BlockUsbStorageDevicesAllStationsResponse">
  <xsd:complexType/>
</xsd:element>
```

#### 3.8.4.1.3 Complex Types

None.

### 3.8.4.2 BlockUsbStorageDevices

The **BlockUsbStorageDevices** method requests that the server prevent USB storage devices from being accessed from the specified station. <23> This operation MUST be authenticated by using either the Server Management Credentials or the Server Control Credentials (section 3.4.1).

```
<wsdl:operation name="BlockUsbStorageDevices">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/BlockUsbStorageDevices"
name="IMultiPointStation_BlockUsbStorageDevices_InputMessage"
message="tns:IMultiPointStation_BlockUsbStorageDevices_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/BlockUsbStorageDevicesResp
onse" name="IMultiPointStation_BlockUsbStorageDevices_OutputMessage"
message="tns:IMultiPointStation_BlockUsbStorageDevices_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointStation_BlockUsbStorageDevices_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.8.4.2.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointStation_BlockUsbStorageDevices_InputMessage	This message requests the server to prevent the specified station from accessing USB storage devices.
IMultiPointStation_BlockUsbStorageDevices_OutputMessage	Response message.
IMultiPointStation_BlockUsbStorageDevices_WmsFaultType_FaultMessage	This message contains the internal server failure status code, if one occurs.

##### 3.8.4.2.1.1 IMultiPointStation\_BlockUsbStorageDevices\_InputMessage Message

A **WSDL message** containing the request for the **BlockUsbStorageDevices WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointStation/BlockUsbStorageDevices
<wsdl:message name="IMultiPointStation_BlockUsbStorageDevices_InputMessage">
  <wsdl:part name="BlockUsbStorageDevices" element="tns:BlockUsbStorageDevices"/>
</wsdl:message>
```

##### 3.8.4.2.1.2 IMultiPointStation\_BlockUsbStorageDevices\_OutputMessage Message

A **WSDL message** containing the response for the **BlockUsbStorageDevices WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointStation/BlockUsbStorageDevicesResponse
<wsdl:message name="IMultiPointStation_BlockUsbStorageDevices_OutputMessage">
  <wsdl:part name="BlockUsbStorageDevicesResponse"
element="tns:BlockUsbStorageDevicesResponse"/>
```

```
</wsdl:message>
```

### 3.8.4.2.1.3 IMultiPointStation\_BlockUsbStorageDevices\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **BlockUsbStorageDevices WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointStation_BlockUsbStorageDevices_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.8.4.2.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<BlockUsbStorageDevices>	An input parameter element
<BlockUsbStorageDevicesResponse>	An output data element

#### 3.8.4.2.2.1 BlockUsbStorageDevices

```
<xsd:element name="BlockUsbStorageDevices">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="idStation" type="xsd:unsignedInt" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**idStation:** Contains the ID of the **MultiPoint Station**. This is an unsigned integer with a range of 1–n, where n is the number of stations currently available on the server.

#### 3.8.4.2.2.2 BlockUsbStorageDevicesResponse

```
<xsd:element name="BlockUsbStorageDevicesResponse">
  <xsd:complexType/>
</xsd:element>
```

#### 3.8.4.2.3 Complex Types

None.



### 3.8.4.3 GetDisplayRotation Operation

The **GetDisplayRotation** method requests that the server return the current display rotation position for the display attached to the specified station. [<24>](#) This operation **MUST** be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="GetDisplayRotation">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/GetDisplayRotation"
    name="IMultiPointStation_GetDisplayRotation_InputMessage"
    message="tns:IMultiPointStation_GetDisplayRotation_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/GetDisplayRotationResponse"
    name="IMultiPointStation_GetDisplayRotation_OutputMessage"
    message="tns:IMultiPointStation_GetDisplayRotation_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointStation_GetDisplayRotation_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.8.4.3.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointStation_GetDisplayRotation_InputMessage	This message requests the current display rotation position.
IMultiPointStation_GetDisplayRotation_OutputMessage	Response message.
IMultiPointStation_GetDisplayRotation_WmsFaultType_FaultMessage	This message contains the internal server failure status code, if one occurs.

##### 3.8.4.3.1.1 IMultiPointStation\_GetDisplayRotation\_InputMessage Message

A **WSDL message** containing the request for the **GetDisplayRotation WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointStation/GetDisplayRotation
<wsdl:message name="IMultiPointStation_GetDisplayRotation_InputMessage">
  <wsdl:part name="GetDisplayRotation" element="tns:GetDisplayRotation"/>
</wsdl:message>
```

##### 3.8.4.3.1.2 IMultiPointStation\_GetDisplayRotation\_OutputMessage Message

A **WSDL message** containing the response for the **GetDisplayRotation WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointStation/GetDisplayRotationResponse
<wsdl:message name="IMultiPointStation_GetDisplayRotation_OutputMessage">
  <wsdl:part name="GetDisplayRotationResponse" element="tns:GetDisplayRotationResponse"/>
</wsdl:message>
```

### 3.8.4.3.1.3 IMultiPointStation\_GetDisplayRotation\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **GetDisplayRotation WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointStation_GetDisplayRotation_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.8.4.3.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<GetDisplayRotation>	An input parameter element
<GetDisplayRotationResponse>	An output data element

#### 3.8.4.3.2.1 GetDisplayRotation

```
<xsd:element name="GetDisplayRotation">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="idStation" type="xsd:unsignedInt" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**idStation:** Contains the ID of the **MultiPoint Station**. This is an unsigned integer with a range of 1–n, where n is the number of stations currently available on the server

#### 3.8.4.3.2.2 GetDisplayRotationResponse

```
<xsd:element name="GetDisplayRotationResponse">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="peDisplayRotation"
type="xsd:unsignedInt" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**peDisplayRotation:** Specifies the degrees to rotate. This is an unsigned integer; valid values are 0, 90, 180, and 270.

#### 3.8.4.3.3 Complex Types

None.

### 3.8.4.4 GetNextStationIdentifier Operation

The **GetNextStationIdentifier** method requests the next valid station ID following the specified station ID. This operation **MUST** be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="GetNextStationIdentifier">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/GetNextStationIdentifier"
name="IMultiPointStation_GetNextStationIdentifier_InputMessage"
message="tns:IMultiPointStation_GetNextStationIdentifier_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/GetNextStationIdentifierRe
sponse" name="IMultiPointStation_GetNextStationIdentifier_OutputMessage"
message="tns:IMultiPointStation_GetNextStationIdentifier_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointStation_GetNextStationIdentifier_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.8.4.4.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointStation_GetNextStationIdentifier_InputMessage	This message requests the next valid station ID.
IMultiPointStation_GetNextStationIdentifier_OutputMessage	This message contains the next valid station ID.
IMultiPointStation_GetNextStationIdentifier_WmsFaultType_FaultMessage	This message contains the internal server failure status code, if one occurs.

##### 3.8.4.4.1.1 IMultiPointStation\_GetNextStationIdentifier\_InputMessage Message

A **WSDL message** containing the request for the **GetNextStationIdentifier WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointStation/GetNextStationIdentifier
<wsdl:message name="IMultiPointStation_GetNextStationIdentifier_InputMessage">
  <wsdl:part name="GetNextStationIdentifier" element="tns:GetNextStationIdentifier"/>
</wsdl:message>
```

##### 3.8.4.4.1.2 IMultiPointStation\_GetNextStationIdentifier\_OutputMessage Message

A **WSDL message** containing the response for the **GetNextStationIdentifier WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointStation/GetNextStationIdentifierResponse
<wsdl:message name="IMultiPointStation_GetNextStationIdentifier_OutputMessage">
  <wsdl:part name="GetNextStationIdentifierResponse"
element="tns:GetNextStationIdentifierResponse"/>
```

```
</wsdl:message>
```

### 3.8.4.4.1.3 IMultiPointStation\_GetNextStationIdentifier\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **GetNextStationIdentifier WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointStation_GetNextStationIdentifier_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.8.4.4.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<GetNextStationIdentifier>	An input parameter element
<GetNextStationIdentifierResponse>	An output data element

#### 3.8.4.4.2.1 GetNextStationIdentifier

```
<xsd:element name="GetNextStationIdentifier">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="idStation" type="xsd:unsignedInt"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**idStation:** Contains the ID of the **MultiPoint Station**. This is an unsigned integer with a range of 1–n, where n is the number of stations currently available on the server.

#### 3.8.4.4.2.2 GetNextStationIdentifierResponse

```
<xsd:element name="GetNextStationIdentifierResponse">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="0" maxOccurs="1" name="pidNextStation" type="xsd:unsignedInt"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**pidNextStation:** Contains the next available station ID.

### 3.8.4.4.3 Complex Types

None.

### 3.8.4.5 GetStationAlertStatus Operation

The **GetStationAlertStatus** method requests the current alert status for a specific station. This operation **MUST** be authenticated by using Server Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="GetStationAlertStatus">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationAlertStatus"
    name="IMultiPointStation_GetStationAlertStatus_InputMessage"
    message="tns:IMultiPointStation_GetStationAlertStatus_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationAlertStatusRespo
    nse" name="IMultiPointStation_GetStationAlertStatus_OutputMessage"
    message="tns:IMultiPointStation_GetStationAlertStatus_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointStation_GetStationAlertStatus_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.8.4.5.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointStation_GetStationAlertStatus_InputMessage	This message requests the alert status associated with a specific station.
IMultiPointStation_GetStationAlertStatus_OutputMessage	This message contains the alert status associated with the specified station.
IMultiPointStation_GetStationAlertStatus_WmsFaultType_FaultMessage	This message contains the internal server failure status code, if one occurs.

##### 3.8.4.5.1.1 IMultiPointStation\_GetStationAlertStatus\_InputMessage Message

A **WSDL message** containing the request for the **GetStationAlertStatus WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationAlertStatus
<wsdl:message name="IMultiPointStation_GetStationAlertStatus_InputMessage">
  <wsdl:part name="GetStationAlertStatus" element="tns:GetStationAlertStatus"/>
</wsdl:message>
```

##### 3.8.4.5.1.2 IMultiPointStation\_GetStationAlertStatus\_OutputMessage Message

A **WSDL message** containing the response for the **GetStationAlertStatus WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationAlertStatusResponse
<wsdl:message name="IMultiPointStation_GetStationAlertStatus_OutputMessage">
  <wsdl:part name="GetStationAlertStatusResponse"
    element="tns:GetStationAlertStatusResponse"/>
</wsdl:message>
```

### 3.8.4.5.1.3 IMultiPointStation\_GetStationAlertStatus\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **GetStationAlertStatus WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointStation_GetStationAlertStatus_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.8.4.5.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<GetStationAlertStatus>	An input parameter element
<GetStationAlertStatusResponse>	An output data element

#### 3.8.4.5.2.1 GetStationAlertStatus

```
<xsd:element name="GetStationAlertStatus">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="idStation" type="xsd:unsignedInt"/>
      <xsd:element minOccurs="1" maxOccurs="1" name="eType" type="xsd:unsignedInt"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**idStation:** Contains the ID of the **MultiPoint Station**. This is an unsigned integer with a range of 1–n, where n is the number of stations currently available on the server.

**eType:** Contains the type of alert; the following are possible values:

Value	Meaning
0	Hub missing required device
1	Auto-logon credential failed
2	Wait for services time-out
3	Wait for connection time-out

#### 3.8.4.5.2.2 GetStationAlertStatusResponse

```
<xsd:element name="GetStationAlertStatusResponse">
```

```

<xsd:complexType>
  <xsd:sequence>
    <xsd:element minOccurs="0" maxOccurs="1" name="peSeverity" type="xsd:unsignedInt"/>
    <xsd:element minOccurs="0" maxOccurs="1" name="peStatus" type="xsd:unsignedInt"/>
  </xsd:sequence>
</xsd:complexType>
</xsd:element>

```

**peSeverity:** Contains the alert severity; the following are possible values:

Value	Meaning
0	Unknown
1	Yellow alert
2	Red alert
3	Fatal alert

**peStatus:** Contains the status of the alert; the following are possible values:

Value	Meaning
0	Alert cleared
1	Alert set
2	No change

### 3.8.4.5.3 Complex Types

None.

### 3.8.4.6 GetStationAutoLogonInformation Operation

The **GetStationAutoLogonInformation** method requests the current auto-logon configuration settings for a specific station. This operation **MUST** be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```

<wsdl:operation name="GetStationAutoLogonInformation">
  <wsdl:input>
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationAutoLogonInformation" name="IMultiPointStation_GetStationAutoLogonInformation_InputMessage"
    message="tns:IMultiPointStation_GetStationAutoLogonInformation_InputMessage"/>
  <wsdl:output>
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationAutoLogonInformationResponse" name="IMultiPointStation_GetStationAutoLogonInformation_OutputMessage"
    message="tns:IMultiPointStation_GetStationAutoLogonInformation_OutputMessage"/>
    <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointStation_GetStationAutoLogonInformation_WmsFaultType_FaultMessage"/>
  </wsdl:output>
</wsdl:operation>

```

#### 3.8.4.6.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointStation_GetStationAutoLogonInformation_InputMessage	This message requests the auto-logon settings for the specified station.
IMultiPointStation_GetStationAutoLogonInformation_OutputMessage	This message contains the current auto-logon settings for the specified station.
IMultiPointStation_GetStationAutoLogonInformation_WmsFaultType_FaultMessage	This message contains the internal server failure status code, if one occurs.

### 3.8.4.6.1.1 IMultiPointStation\_GetStationAutoLogonInformation\_InputMessage Message

A **WSDL message** containing the request for the **GetStationAutoLogonInformation WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationAutoLogonInformation
<wsdl:message name="IMultiPointStation_GetStationAutoLogonInformation_InputMessage">
  <wsdl:part name="GetStationAutoLogonInformation"
  element="tns:GetStationAutoLogonInformation"/>
</wsdl:message>
```

### 3.8.4.6.1.2 IMultiPointStation\_GetStationAutoLogonInformation\_OutputMessage Message

A **WSDL message** containing the response for the **GetStationAutoLogonInformation WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationAutoLogonInformationResponse
<wsdl:message name="IMultiPointStation_GetStationAutoLogonInformation_OutputMessage">
  <wsdl:part name="GetStationAutoLogonInformationResponse"
  element="tns:GetStationAutoLogonInformationResponse"/>
</wsdl:message>
```

### 3.8.4.6.1.3 IMultiPointStation\_GetStationAutoLogonInformation\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **GetStationAutoLogonInformation WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message
name="IMultiPointStation_GetStationAutoLogonInformation_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```



### 3.8.4.6.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<GetStationAutoLogonInformation>	An input parameter element
<GetStationAutoLogonInformationResponse>	An output data element

#### 3.8.4.6.2.1 GetStationAutoLogonInformation

```
<xsd:element name="GetStationAutoLogonInformation"
type="tns:GetStationAutoLogonInformationRequestBody"/>
```

#### 3.8.4.6.2.2 GetStationAutoLogonInformationResponse

```
<xsd:element name="GetStationAutoLogonInformationResponse"
type="tns:GetStationAutoLogonInformationResponseBody"/>
```

### 3.8.4.6.3 Complex Types

The following table summarizes the **XML Schema** complex type element definitions that are specific to this operation.

Complex type	Description
<GetStationAutoLogonInformationRequestBody>	XML supplying the input parameters
<GetStationAutoLogonInformationResponseBody>	XML supplying the output parameters

#### 3.8.4.6.3.1 GetStationAutoLogonInformationRequestBody

```
<xsd:complexType name="GetStationAutoLogonInformationRequestBody">
  <xsd:sequence>
    <xsd:element minOccurs="1" maxOccurs="1" name="idStation" type="xsd:unsignedInt"/>
  </xsd:sequence>
</xsd:complexType>
```

**idStation:** Contains the ID of the **MultiPoint Station**. This is an unsigned integer with a range of 1–n, where n is the number of stations currently available on the server.

#### 3.8.4.6.3.2 GetStationAutoLogonInformationResponseBody

```
<xsd:complexType name="GetStationAutoLogonInformationResponseBody">
  <xsd:sequence>
    <xsd:element minOccurs="0" maxOccurs="1" name="peConfiguration" type="xsd:unsignedInt"/>
    <xsd:element minOccurs="0" maxOccurs="1" name="pbstrUserName" type="xsd:string"/>
    <xsd:element minOccurs="0" maxOccurs="1" name="pbstrDomain" type="xsd:string"/>
  </xsd:sequence>
</xsd:complexType>
```

**peConfiguration:** Contains the logon setting: 0 = manual logon, or 1 = auto-logon.

**pbstrUserName:** Contains the user name to be used to auto-logon to the station.

**pbstrDomain:** Contains the domain to be used to auto-logon to the station.

### 3.8.4.7 GetStationDeviceInformation Operation

The **GetStationDeviceInformation** method requests the count of a specific type of device that is currently attached to the specified station. This operation **MUST** be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="GetStationDeviceInformation">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationDeviceInformation"
    name="IMultiPointStation_GetStationDeviceInformation_InputMessage"
    message="tns:IMultiPointStation_GetStationDeviceInformation_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationDeviceInformationResponse"
    name="IMultiPointStation_GetStationDeviceInformation_OutputMessage"
    message="tns:IMultiPointStation_GetStationDeviceInformation_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointStation_GetStationDeviceInformation_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.8.4.7.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointStation_GetStationDeviceInformation_InputMessage	This message requests the number of devices of a specific type attached to the specified station.
IMultiPointStation_GetStationDeviceInformation_OutputMessage	This message contains the count of devices currently attached.
IMultiPointStation_GetStationDeviceInformation_WmsFaultType_FaultMessage	This message contains the internal server failure status code, if one occurs.

##### 3.8.4.7.1.1 IMultiPointStation\_GetStationDeviceInformation\_InputMessage Message

A **WSDL message** containing the request for the **GetStationDeviceInformation WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationDeviceInformation
<wsdl:message name="IMultiPointStation_GetStationDeviceInformation_InputMessage">
  <wsdl:part name="GetStationDeviceInformation" element="tns:GetStationDeviceInformation"/>
</wsdl:message>
```

### 3.8.4.7.1.2 IMultiPointStation\_GetStationDeviceInformation\_OutputMessage Message

A **WSDL message** containing the response for the **GetStationDeviceInformation WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationDeviceInformationResponse
<wsdl:message name="IMultiPointStation_GetStationDeviceInformation_OutputMessage">
  <wsdl:part name="GetStationDeviceInformationResponse"
  element="tns:GetStationDeviceInformationResponse"/>
</wsdl:message>
```

### 3.8.4.7.1.3 IMultiPointStation\_GetStationDeviceInformation\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **GetStationDeviceInformation WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message
name="IMultiPointStation_GetStationDeviceInformation_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.8.4.7.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<GetStationDeviceInformation>	An input parameter element
<GetStationDeviceInformationResponse>	An output data element

#### 3.8.4.7.2.1 GetStationDeviceInformation

```
<xsd:element name="GetStationDeviceInformation">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="idStation" type="xsd:unsignedInt"/>
      <xsd:element minOccurs="1" maxOccurs="1" name="eType" type="xsd:unsignedInt"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**idStation:** Contains the ID of the **MultiPoint Station**. This is an unsigned integer with a range of 1–n, where n is the number of stations currently available on the server.

**eType:** Contains the type of device the request is for, with the following possible values:

Value	Meaning
0	unknown
1	keyboard
2	mouse
3	audio
4	consumer control
5	volume
6	image
7	hid
8	usb hub
9	usb root hub
10	usb composite hub
11	monitor
12	disk drive
13	host controller
14	mass storage device
15	usb device
16	unfiltered keyboard
17	unfiltered mouse
18	unfiltered volume
19	unfiltered image
20	redirected usb
21	virtual gpu
22	touch screen

### 3.8.4.7.2.2 GetStationDeviceInformationResponse

```

<xsd:element name="GetStationDeviceInformationResponse">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="0" maxOccurs="1" name="pdwDeviceCount" type="xsd:unsignedInt"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>

```

**pdwDeviceCount:** Contains the number of devices of the specified type attached to the station.

### 3.8.4.7.3 Complex Types

None.

### 3.8.4.8 GetStationFriendlyName Operation

The **GetStationFriendlyName** method requests the friendly name associated with the specified station. This operation **MUST** be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="GetStationFriendlyName">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationFriendlyName"
    name="IMultiPointStation_GetStationFriendlyName_InputMessage"
    message="tns:IMultiPointStation_GetStationFriendlyName_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationFriendlyNameResp
    onse" name="IMultiPointStation_GetStationFriendlyName_OutputMessage"
    message="tns:IMultiPointStation_GetStationFriendlyName_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointStation_GetStationFriendlyName_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.8.4.8.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointStation_GetStationFriendlyName_InputMessage	This message requests the friendly name associated with a station
IMultiPointStation_GetStationFriendlyName_OutputMessage	This message contains the friendly name associated with the specified station
IMultiPointStation_GetStationFriendlyName_WmsFaultType_FaultMessage	This message contains the internal server failure status code, if one occurs

##### 3.8.4.8.1.1 IMultiPointStation\_GetStationFriendlyName\_InputMessage Message

A **WSDL message** containing the request for the **GetStationFriendlyName WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationFriendlyName
<wsdl:message name="IMultiPointStation_GetStationFriendlyName_InputMessage">
  <wsdl:part name="GetStationFriendlyName" element="tns:GetStationFriendlyName"/>
</wsdl:message>
```

##### 3.8.4.8.1.2 IMultiPointStation\_GetStationFriendlyName\_OutputMessage Message

A **WSDL message** containing the response for the **GetStationFriendlyName WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationFriendlyNameResponse
```

```
<wsdl:message name="IMultiPointStation_GetStationFriendlyName_OutputMessage">
  <wsdl:part name="GetStationFriendlyNameResponse"
    element="tns:GetStationFriendlyNameResponse"/>
</wsdl:message>
```

### 3.8.4.8.1.3 IMultiPointStation\_GetStationFriendlyName\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **GetStationFriendlyName WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointStation_GetStationFriendlyName_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.8.4.8.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<GetStationFriendlyName>	An input parameter element
<GetStationFriendlyNameResponse>	An output data element

#### 3.8.4.8.2.1 GetStationFriendlyName

```
<xsd:element name="GetStationFriendlyName" type="tns:GetStationFriendlyNameRequestBody"/>
```

#### 3.8.4.8.2.2 GetStationFriendlyNameResponse

```
<xsd:element name="GetStationFriendlyNameResponse"
  type="tns:GetStationFriendlyNameResponseBody"/>
```

### 3.8.4.8.3 Complex Types

The following table summarizes the **XML Schema** complex type element definitions that are specific to this operation.

Complex type	Description
<GetStationFriendlyNameRequestBody>	XML supplying the input parameters
<GetStationFriendlyNameResponseBody>	XML supplying the output parameters

#### 3.8.4.8.3.1 GetStationFriendlyNameRequestBody

```
<xsd:complexType name="GetStationFriendlyNameRequestBody">
  <xsd:sequence>
```

```

    <xsd:element minOccurs="1" maxOccurs="1" name="idStation" type="xsd:unsignedInt"/>
  </xsd:sequence>
</xsd:complexType>

```

**idStation:** Contains the ID of the **MultiPoint Station**. This is an unsigned integer with a range of 1–n, where n is the number of stations currently available on the server.

### 3.8.4.8.3.2 GetStationFriendlyNameResponseBody

```

<xsd:complexType name="GetStationFriendlyNameResponseBody">
  <xsd:sequence>
    <xsd:element minOccurs="0" maxOccurs="1" name="pwsFriendlyName" type="xsd:string"/>
  </xsd:sequence>
</xsd:complexType>

```

**pwsFriendlyName:** Contains the friendly name associated with the station.

### 3.8.4.9 GetStationInformation Operation

The **GetStationInformation** method requests information from the server about the specified station. This operation **MUST** be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```

<wsdl:operation name="GetStationInformation">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationInformation"
    name="IMultiPointStation_GetStationInformation_InputMessage"
    message="tns:IMultiPointStation_GetStationInformation_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationInformationResponse"
    name="IMultiPointStation_GetStationInformation_OutputMessage"
    message="tns:IMultiPointStation_GetStationInformation_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointStation_GetStationInformation_WmsFaultType_FaultMessage"/>
</wsdl:operation>

```

#### 3.8.4.9.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointStation_GetStationInformation_InputMessage	This message requests information about a specific station.
IMultiPointStation_GetStationInformation_OutputMessage	This message contains the information about the specified station.
IMultiPointStation_GetStationInformation_WmsFaultType_FaultMessage	This message contains the internal server failure status code, if one occurs

#### 3.8.4.9.1.1 IMultiPointStation\_GetStationInformation\_InputMessage Message

A **WSDL message** containing the request for the **GetStationInformation WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationInformation
<wsdl:message name="IMultiPointStation_GetStationInformation_InputMessage">
  <wsdl:part name="GetStationInformation" element="tns:GetStationInformation"/>
</wsdl:message>
```

### 3.8.4.9.1.2 IMultiPointStation\_GetStationInformation\_OutputMessage Message

A **WSDL message** containing the response for the **GetStationInformation WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationInformationResponse
<wsdl:message name="IMultiPointStation_GetStationInformation_OutputMessage">
  <wsdl:part name="GetStationInformationResponse"
  element="tns:GetStationInformationResponse"/>
</wsdl:message>
```

### 3.8.4.9.1.3 IMultiPointStation\_GetStationInformation\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **GetStationInformation WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointStation_GetStationInformation_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.8.4.9.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<GetStationInformation>	An input parameter element
<GetStationInformationResponse>	An output data element

#### 3.8.4.9.2.1 GetStationInformation

```
<xsd:element name="GetStationInformation" type="tns:GetStationInformationRequestBody"/>
```

#### 3.8.4.9.2.2 GetStationInformationResponse

```
<xsd:element name="GetStationInformationResponse"
type="tns:GetStationInformationResponseBody"/>
```



### 3.8.4.9.3 Complex Types

The following table summarizes the **XML Schema** complex type element definitions that are specific to this operation.

Complex type	Description
<GetStationInformationRequestBody>	XML supplying the input parameters
<GetStationInformationResponseBody>	XML supplying the output parameters

#### 3.8.4.9.3.1 GetStationInformationRequestBody

```
<xsd:complexType name="GetStationInformationRequestBody">
  <xsd:sequence>
    <xsd:element minOccurs="1" maxOccurs="1" name="idStation" type="xsd:unsignedInt"/>
  </xsd:sequence>
</xsd:complexType>
```

**idStation:** Contains the ID of the **MultiPoint Station**. This is an unsigned integer with a range of 1–n, where n is the number of stations currently available on the server.

#### 3.8.4.9.3.2 GetStationInformationResponseBody

```
<xsd:complexType name="GetStationInformationResponseBody">
  <xsd:sequence>
    <xsd:element minOccurs="0" maxOccurs="1" name="pidSession" type="xsd:unsignedInt"/>
    <xsd:element minOccurs="0" maxOccurs="1" name="pwsSessionHost" type="xsd:string"/>
    <xsd:element minOccurs="0" maxOccurs="1" name="pwsVirtualMachineId" type="xsd:string"/>
    <xsd:element minOccurs="0" maxOccurs="1" name="peIdentifyStationState"
type="xsd:unsignedInt"/>
    <xsd:element minOccurs="0" maxOccurs="1" name="peState" type="xsd:unsignedInt"/>
  </xsd:sequence>
</xsd:complexType>
```

**pidSession:** Contains the ID of the remote desktop session being associated with the station.

**pwsSessionHost:** Contains the host name of the machine hosting the session associated with the station.

**pwsVirtualMachineId:** Contains the host name of the virtual machine hosting the session (if any).

**peIdentifyStationState:** Contains the station-identification state: 0 = normal session displayed, or 1 = station-identification information displayed.

**peState:** Contains the state, with the following possible values:

Value	Meaning
0	Invalid
1	Not Present
2	Idle
3	Connecting
4	Active

Value	Meaning
5	Blocked

### 3.8.4.10 GetStationServerName Operation

The **GetStationServerName** method requests that the server return the server names associated with the specified station. This operation MUST be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="GetStationServerName">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationServerName"
    name="IMultiPointStation_GetStationServerName_InputMessage"
    message="tns:IMultiPointStation_GetStationServerName_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationServerNameResponse"
    name="IMultiPointStation_GetStationServerName_OutputMessage"
    message="tns:IMultiPointStation_GetStationServerName_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointStation_GetStationServerName_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.8.4.10.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointStation_GetStationServerName_InputMessage	This message requests information about the host names associated with the specified station.
IMultiPointStation_GetStationServerName_OutputMessage	Response message.
IMultiPointStation_GetStationServerName_WmsFaultType_FaultMessage	This message contains the internal server failure status code, if one occurs.

##### 3.8.4.10.1.1 IMultiPointStation\_GetStationServerName\_InputMessage Message

A **WSDL message** containing the request for the **GetStationServerName WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationServerName
<wsdl:message name="IMultiPointStation_GetStationServerName_InputMessage">
  <wsdl:part name="GetStationServerName" element="tns:GetStationServerName"/>
</wsdl:message>
```

##### 3.8.4.10.1.2 IMultiPointStation\_GetStationServerName\_OutputMessage Message

A **WSDL message** containing the response for the **GetStationServerName WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationServerNameResponse
<wsdl:message name="IMultiPointStation_GetStationServerName_OutputMessage">
  <wsdl:part name="GetStationServerNameResponse" element="tns:GetStationServerNameResponse"/>
</wsdl:message>
```

### 3.8.4.10.1.3 IMultiPointStation\_GetStationServerName\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **GetStationServerName WSDL operation**.

The SOAP action value is as follows:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointStation_GetStationServerName_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.8.4.10.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<GetStationServerName>	An input parameter element
<GetStationServerNameResponse>	An output data element

#### 3.8.4.10.2.1 GetStationServerName

```
<xsd:element name="GetStationServerName" type="tns:GetStationServerNameRequestBody"/>
```

#### 3.8.4.10.2.2 GetStationServerNameResponse

```
<xsd:element name="GetStationServerNameResponse"
type="tns:GetStationServerNameResponseBody"/>
```

### 3.8.4.10.3 Complex Types

The following table summarizes the **XML Schema** complex type element definitions that are specific to this operation.

Complex type	Description
<GetStationServerNameRequestBody>	XML supplying the input parameters
<GetStationServerNameResponseBody>	XML supplying the output parameters

#### 3.8.4.10.3.1 GetStationServerNameRequestBody

```
<xsd:complexType name="GetStationServerNameRequestBody">
  <xsd:sequence>
    <xsd:element minOccurs="1" maxOccurs="1" name="idStation" type="xsd:unsignedInt"/>
  </xsd:sequence>
</xsd:complexType>
```

**idStation:** Contains the ID of the **MultiPoint Station**. This is an unsigned integer with a range of 1–n, where n is the number of stations currently available on the server.

### 3.8.4.10.3.2 GetStationServerNameResponseBody

```
<xsd:complexType name="GetStationServerNameResponseBody">
  <xsd:sequence>
    <xsd:element minOccurs="0" maxOccurs="1" name="pwsServerName" type="xsd:string"/>
    <xsd:element minOccurs="0" maxOccurs="1" name="pwsVirtualMachineName" type="xsd:string"/>
  </xsd:sequence>
</xsd:complexType>
```

**pwsServerName:** Contains the host name of the server hosting the station.

**pwsVirtualMachineName:** Contains the host name of a virtual machine hosting the station (if any).

### 3.8.4.11 GetStationSplitScreenInformation Operation

The **GetStationSplitScreenInformation** method gets information about the split-screen state of the specified station. This operation **MUST** be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="GetStationSplitScreenInformation">
  <wsdl:input>
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationSplitScreenInformation" name="IMultiPointStation_GetStationSplitScreenInformation_InputMessage"
    message="tns:IMultiPointStation_GetStationSplitScreenInformation_InputMessage"/>
  <wsdl:output>
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationSplitScreenInformationResponse" name="IMultiPointStation_GetStationSplitScreenInformation_OutputMessage"
    message="tns:IMultiPointStation_GetStationSplitScreenInformation_OutputMessage"/>
    <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointStation_GetStationSplitScreenInformation_WmsFaultType_FaultMessage"/>
  </wsdl:output>
</wsdl:operation>
```

#### 3.8.4.11.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointStation_GetStationSplitScreenInformation_InputMessage	This message requests information about a split station display.
IMultiPointStation_GetStationSplitScreenInformation_OutputMessage	Response message.
IMultiPointStation_GetStationSplitScreenInformation_WmsFaultType_FaultMessage	This message contains the internal server failure status code, if one occurs.

### 3.8.4.11.1.1 IMultiPointStation\_GetStationSplitScreenInformation\_InputMessage Message

A **WSDL message** containing the request for the **GetStationSplitScreenInformation WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationSplitScreenInformation
<wsdl:message name="IMultiPointStation_GetStationSplitScreenInformation_InputMessage">
  <wsdl:part name="GetStationSplitScreenInformation"
  element="tns:GetStationSplitScreenInformation"/>
</wsdl:message>
```

### 3.8.4.11.1.2 IMultiPointStation\_GetStationSplitScreenInformation\_OutputMessage Message

A **WSDL message** containing the response for the **GetStationSplitScreenInformation WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationSplitScreenInformationResponse
<wsdl:message name="IMultiPointStation_GetStationSplitScreenInformation_OutputMessage">
  <wsdl:part name="GetStationSplitScreenInformationResponse"
  element="tns:GetStationSplitScreenInformationResponse"/>
</wsdl:message>
```

### 3.8.4.11.1.3 IMultiPointStation\_GetStationSplitScreenInformation\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **GetStationSplitScreenInformation WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message
  name="IMultiPointStation_GetStationSplitScreenInformation_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

## 3.8.4.11.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<GetStationSplitScreenInformation>	An input parameter element
<GetStationSplitScreenInformationResponse>	An output data element

### 3.8.4.11.2.1 GetStationSplitScreenInformation

```

<xsd:element name="GetStationSplitScreenInformation">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="idStation" type="xsd:unsignedInt"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>

```

**idStation:** Contains the ID of the **MultiPoint Station**. This is an unsigned integer with a range of 1–n, where n is the number of stations currently available on the server.

### 3.8.4.11.2.2 GetStationSplitScreenInformationResponse

```

<xsd:element name="GetStationSplitScreenInformationResponse">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="0" maxOccurs="1" name="pidPrimaryStation"
type="xsd:unsignedInt"/>
      <xsd:element minOccurs="0" maxOccurs="1" name="pidxSplitScreen"
type="xsd:unsignedInt"/>
      <xsd:element minOccurs="0" maxOccurs="1" name="peSplitScreenState"
type="xsd:unsignedInt"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>

```

**pidPrimaryStation:** Contains the ID of the station that was used to create the split.

**pidxSplitScreen:** Contains the index of the display created by the split.

**peSplitScreenState:** Contains the state of the display: 0 = Normal; 1 = Split.

### 3.8.4.11.3 Complex Types

None.

## 3.8.4.12 IdentifyStation Operation

The **IdentifyStation** method requests that the server display station-identification information on the display associated with the station. This operation **MUST** be authenticated by using Server Management Credentials (section [3.4.1](#)).

```

<wsdl:operation name="IdentifyStation">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/IdentifyStation"
name="IMultiPointStation_IdentifyStation_InputMessage"
message="tns:IMultiPointStation_IdentifyStation_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/IdentifyStationResponse"
name="IMultiPointStation_IdentifyStation_OutputMessage"
message="tns:IMultiPointStation_IdentifyStation_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointStation_IdentifyStation_WmsFaultType_FaultMessage"/>
</wsdl:operation>

```

### 3.8.4.12.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointStation_IdentifyStation_InputMessage	This message requests that the server display station-identification information on the display associated with the station.
IMultiPointStation_IdentifyStation_OutputMessage	Response message.
IMultiPointStation_IdentifyStation_WmsFaultType_FaultMessage	This message contains the internal server failure status code, if one occurs.

### 3.8.4.12.1.1 IMultiPointStation\_IdentifyStation\_InputMessage Message

A **WSDL message** containing the request for the **IdentifyStation WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointStation/IdentifyStation
<wsdl:message name="IMultiPointStation_IdentifyStation_InputMessage">
  <wsdl:part name="IdentifyStation" element="tns:IdentifyStation"/>
</wsdl:message>
```

### 3.8.4.12.1.2 IMultiPointStation\_IdentifyStation\_OutputMessage Message

A **WSDL message** containing the response for the **IdentifyStation WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointStation/IdentifyStationResponse
<wsdl:message name="IMultiPointStation_IdentifyStation_OutputMessage">
  <wsdl:part name="IdentifyStationResponse" element="tns:IdentifyStationResponse"/>
</wsdl:message>
```

### 3.8.4.12.1.3 IMultiPointStation\_IdentifyStation\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **IdentifyStation WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointStation_IdentifyStation_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.8.4.12.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<IdentifyStation>	An input parameter element
<IdentifyStationResponse>	An output data element

### 3.8.4.12.2.1 IdentifyStation

```
<xsd:element name="IdentifyStation" type="tns:IdentifyStationRequestBody"/>
```

### 3.8.4.12.2.2 IdentifyStationResponse

```
<xsd:element name="IdentifyStationResponse" type="q1:IdentifyStationResponseBody"/>
```

### 3.8.4.12.3 Complex Types

The following table summarizes the **XML Schema** complex type element definitions that are specific to this operation.

Complex type	Description
<IdentifyStationRequestBody>	XML supplying the input parameters
<IdentifyStationResponseBody>	XML supplying the output parameters

#### 3.8.4.12.3.1 IdentifyStationRequestBody

```
<xsd:complexType name="IdentifyStationRequestBody">  
  <xsd:sequence>  
    <xsd:element minOccurs="1" maxOccurs="1" name="idStation" type="xsd:unsignedInt"/>  
    <xsd:element minOccurs="1" maxOccurs="1" name="wsStationName" type="xsd:string"/>  
    <xsd:element minOccurs="1" maxOccurs="1" name="wsStationHost" type="xsd:string"/>  
    <xsd:element minOccurs="1" maxOccurs="1" name="wsSessionHost" type="xsd:string"/>  
    <xsd:element minOccurs="1" maxOccurs="1" name="eAction" type="xsd:unsignedInt"/>  
  </xsd:sequence>  
</xsd:complexType>
```

**idStation:** Contains the ID of the **MultiPoint Station**. This is an unsigned integer with a range of 1–n, where n is the number of stations currently available on the server.

**wsStationName:** Contains the friendly name of the station.

**wsStationHost:** Contains the host name of machine hosting the station.

**wsSessionHost:** Contains the host name of the machine hosting the session associated with the station.

**eAction:** Contains the action to perform; 0: update station information, or 1: display station-identification on associated display.

#### 3.8.4.12.3.2 IdentifyStationResponseBody

```
<xsd:complexType name="IdentifyStationResponseBody"/>
```

### 3.8.4.13 IsUsbStorageDeviceBlocked Operation

The **IsUsbStorageDeviceBlocked** method requests that the server return the state of USB storage-blocking from the specified station. [<25>](#) This operation MUST be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).



```

<wsdl:operation name="IsUsbStorageDeviceBlocked">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/IsUsbStorageDeviceBlocked"
    name="IMultiPointStation_IsUsbStorageDeviceBlocked_InputMessage"
    message="tns:IMultiPointStation_IsUsbStorageDeviceBlocked_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/IsUsbStorageDeviceBlockedResponse"
    name="IMultiPointStation_IsUsbStorageDeviceBlocked_OutputMessage"
    message="tns:IMultiPointStation_IsUsbStorageDeviceBlocked_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointStation_IsUsbStorageDeviceBlocked_WmsFaultType_FaultMessage"/></wsdl:
operation>

```

### 3.8.4.13.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointStation_IsUsbStorageDeviceBlocked_InputMessage	This message requests the server to return the USB storage device block state of the specified station.
IMultiPointStation_IsUsbStorageDeviceBlocked_OutputMessage	Response message.
IMultiPointStation_IsUsbStorageDeviceBlocked_WmsFaultType_FaultMessage	This message contains the internal server failure status code, if one occurs.

#### 3.8.4.13.1.1 IMultiPointStation\_IsUsbStorageDeviceBlocked\_InputMessage Message

A **WSDL message** containing the request for the **IsUsbStorageDeviceBlocked WSDL operation**.

The **SOAP action** value is as follows:

```

http://MultiPoint/RemoteManagement/IMultiPointStation/IsUsbStorageDeviceBlocked
<wsdl:message name="IMultiPointStation_IsUsbStorageDeviceBlocked_InputMessage">
  <wsdl:part name="IsUsbStorageDeviceBlocked" element="tns:IsUsbStorageDeviceBlocked"/>
</wsdl:message>

```

#### 3.8.4.13.1.2 IMultiPointStation\_IsUsbStorageDeviceBlocked\_OutputMessage Message

A **WSDL message** containing the response for the **IsUsbStorageDeviceBlocked WSDL operation**.

The **SOAP action** value is as follows:

```

http://MultiPoint/RemoteManagement/IMultiPointStation/IsUsbStorageDeviceBlockedResponse
<wsdl:message name="IMultiPointStation_IsUsbStorageDeviceBlocked_OutputMessage">
  <wsdl:part name="IsUsbStorageDeviceBlockedResponse"
    element="tns:IsUsbStorageDeviceBlockedResponse"/>
</wsdl:message>

```

### 3.8.4.13.1.3 IMultiPointStation\_IsUsbStorageDeviceBlocked\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **IsUsbStorageDeviceBlocked WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointStation_IsUsbStorageDeviceBlocked_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.8.4.13.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<IsUsbStorageDeviceBlocked>	An input parameter element
<IsUsbStorageDeviceBlockedResponse>	An output data element

#### 3.8.4.13.2.1 IsUsbStorageDeviceBlocked

```
<xsd:element name="IsUsbStorageDeviceBlocked">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="idStation" type="xsd:unsignedInt" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**idStation:** Contains the ID of the **MultiPoint Station**. This is an unsigned integer with a range of 1–n, where n is the number of stations currently available on the server.

#### 3.8.4.13.2.2 IsUsbStorageDeviceBlockedResponse

```
<xsd:element name="IsUsbStorageDeviceBlockedResponse">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="peUsbStorageDeviceBlocked"
type="xsd:unsignedInt" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**peUsbStorageDeviceBlocked:** Contains the current state of the **MultiPoint Station**. Possible values are: 0 = USDB\_Unblocked, 1 = USDB\_Blocked.

### 3.8.4.13.3 Complex Types

None.

### 3.8.4.14 RefreshStation Operation

The **RefreshStation** method requests that the server refresh a station to reflect configuration changes, if any have been made. If an active session is open, then the refresh operation is deferred until the existing session ends.

This operation **MUST** be authenticated by using Server Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="RefreshStation">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/RefreshStation"
    name="IMultiPointStation RefreshStation InputMessage"
    message="tns:IMultiPointStation_RefreshStation_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/RefreshStationResponse"
    name="IMultiPointStation_RefreshStation_OutputMessage"
    message="tns:IMultiPointStation_RefreshStation_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointStation RefreshStation WmsFaultType FaultMessage"/>
</wsdl:operation>
```

#### 3.8.4.14.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointStation_RefreshStation_InputMessage	This message requests that the specified station be refreshed to reflect any configuration changes.
IMultiPointStation_RefreshStation_OutputMessage	Response message.
IMultiPointStation_RefreshStation_WmsFaultType_FaultMessage	This message contains the internal server failure status code, if one occurs.

##### 3.8.4.14.1.1 IMultiPointStation\_RefreshStation\_InputMessage Message

A **WSDL message** containing the request for the **RefreshStation WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointStation/RefreshStation
<wsdl:message name="IMultiPointStation_RefreshStation_InputMessage">
  <wsdl:part name="RefreshStation" element="tns:RefreshStation"/>
</wsdl:message>
```

##### 3.8.4.14.1.2 IMultiPointStation\_RefreshStation\_OutputMessage Message

A **WSDL message** containing the response for the **RefreshStation WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointStation/RefreshStationResponse
<wsdl:message name="IMultiPointStation RefreshStation OutputMessage">
  <wsdl:part name="RefreshStationResponse" element="tns:RefreshStationResponse"/>
```

```
</wsdl:message>
```

### 3.8.4.14.1.3 IMultiPointStation\_RefreshStation\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **RefreshStation WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointStation_RefreshStation_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.8.4.14.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<RefreshStation>	An input parameter element
<RefreshStationResponse>	An output data element

#### 3.8.4.14.2.1 RefreshStation

```
<xsd:element name="RefreshStation">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="idStation" type="xsd:unsignedInt"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**idStation:** Contains the ID of the **MultiPoint Station**. This is an unsigned integer with a range of 1–n, where n is the number of stations currently available on the server.

#### 3.8.4.14.2.2 RefreshStationResponse

```
<xsd:element name="RefreshStationResponse">
  <xsd:complexType/>
</xsd:element>
```

### 3.8.4.14.3 Complex Types

None.

### 3.8.4.15 RemapStations Operation

The **RemapStations** method requests that the server discard the existing mapping of stations. All non-automap stations return to the mapping display. This operation **MUST** be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```

<wsdl:operation name="RemapStations">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/RemapStations"
    name="IMultiPointStation_RemapStations_InputMessage"
    message="tns:IMultiPointStation_RemapStations_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/RemapStationsResponse"
    name="IMultiPointStation_RemapStations_OutputMessage"
    message="tns:IMultiPointStation_RemapStations_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointStation_RemapStations_WmsFaultType_FaultMessage"/>
</wsdl:operation>

```

### 3.8.4.15.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointStation_RemapStations_InputMessage	This message requests that the server discard the existing mapping of stations.
IMultiPointStation_RemapStations_OutputMessage	Response message.
IMultiPointStation_RemapStations_WmsFaultType_FaultMessage	This message contains the internal server failure status code, if one occurs

#### 3.8.4.15.1.1 IMultiPointStation\_RemapStations\_InputMessage Message

A **WSDL message** containing the request for the **RemapStations WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointStation/RemapStations
<wsdl:message name="IMultiPointStation_RemapStations_InputMessage">
  <wsdl:part name="RemapStations" element="tns:RemapStations"/>
</wsdl:message>

```

#### 3.8.4.15.1.2 IMultiPointStation\_RemapStations\_OutputMessage Message

A **WSDL message** containing the response for the **RemapStations WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointStation/RemapStationsResponse
<wsdl:message name="IMultiPointStation_RemapStations_OutputMessage">
  <wsdl:part name="RemapStationsResponse" element="tns:RemapStationsResponse"/>
</wsdl:message>

```

#### 3.8.4.15.1.3 IMultiPointStation\_RemapStations\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **RemapStations WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointStation_RemapStations_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>

```

### 3.8.4.15.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<RemapStations>	An input parameter element
<RemapStationsResponse>	An output data element

#### 3.8.4.15.2.1 RemapStations

```

<xsd:element name="RemapStations">
  <xsd:complexType/>
</xsd:element>

```

#### 3.8.4.15.2.2 RemapStationsResponse

```

<xsd:element name="RemapStationsResponse">
  <xsd:complexType/>
</xsd:element>

```

### 3.8.4.15.3 Complex Types

None.

### 3.8.4.16 SetDisplayRotation Operation

The **SetDisplayRotation** method requests that the server change the current display rotation position for the display attached to the specified station. [<26>](#)

This operation **MUST** be authenticated by using Server Management Credentials (section [3.4.1](#)).

```

<wsdl:operation name="SetDisplayRotation">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/SetDisplayRotation"
name="IMultiPointStation_SetDisplayRotation_InputMessage"
message="tns:IMultiPointStation_SetDisplayRotation_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/SetDisplayRotationResponse"
name="IMultiPointStation_SetDisplayRotation_OutputMessage"
message="tns:IMultiPointStation_SetDisplayRotation_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointStation_SetDisplayRotation_WmsFaultType_FaultMessage"/>
</wsdl:operation>

```

#### 3.8.4.16.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointStation_SetDisplayRotation_InputMessage	This message requests that the server adjust the current display rotation position.
IMultiPointStation_SetDisplayRotation_OutputMessage	Response message.
IMultiPointStation_SetDisplayRotation_WmsFaultType_FaultMessage	This message contains the internal server failure status code, if one occurs.

#### 3.8.4.16.1.1 IMultiPointStation\_SetDisplayRotation\_InputMessage Message

A **WSDL message** containing the request for the **SetDisplayRotation WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointStation/SetDisplayRotation
<wsdl:message name="IMultiPointStation_SetDisplayRotation_InputMessage">
  <wsdl:part name="SetDisplayRotation" element="tns:SetDisplayRotation"/>
</wsdl:message>
```

#### 3.8.4.16.1.2 IMultiPointStation\_SetDisplayRotation\_OutputMessage Message

A **WSDL message** containing the response for the **SetDisplayRotation WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointStation/SetDisplayRotationResponse
<wsdl:message name="IMultiPointStation_SetDisplayRotation_OutputMessage">
  <wsdl:part name="SetDisplayRotationResponse" element="tns:SetDisplayRotationResponse"/>
</wsdl:message>
```

#### 3.8.4.16.1.3 IMultiPointStation\_SetDisplayRotation\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **SetDisplayRotation WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointStation_SetDisplayRotation_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.8.4.16.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<SetDisplayRotation>	An input parameter element
<SetDisplayRotationResponse>	An output data element

### 3.8.4.16.2.1 SetDisplayRotation

```

<xsd:element name="SetDisplayRotation">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="idStation" type="xsd:unsignedInt" />
      <xsd:element minOccurs="1" maxOccurs="1" name="eDisplayRotation" type="xsd:unsignedInt" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>

```

**idStation:** Contains the ID of the **MultiPoint Station**. This is an unsigned integer with a range of 1–n, where n is the number of stations currently available on the server

**eDisplayRotation:** Specifies the degrees to rotate. This is an unsigned integer; valid values are 0, 90, 180, and 270.

### 3.8.4.16.2.2 SetDisplayRotationResponse

```

<xsd:element name="SetDisplayRotationResponse">
  <xsd:complexType/>
</xsd:element>

```

### 3.8.4.16.3 Complex Types

None.

### 3.8.4.17 SetStationAutoLogon Operation

The **SetStationAutoLogon** method enables/disables the auto-logon of a particular station. When enabled, the server uses the specified user credentials to automatically log on to a session when the specified station becomes ready.

This operation MUST be authenticated by using Server Management Credentials (section [3.4.1](#)).

```

<wsdl:operation name="SetStationAutoLogon">
  <wsdl:input>
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/SetStationAutoLogon"
    name="IMultiPointStation_SetStationAutoLogon_InputMessage"
    message="tns:IMultiPointStation_SetStationAutoLogon_InputMessage"/>
  <wsdl:output>
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/SetStationAutoLogonResponse"
    name="IMultiPointStation_SetStationAutoLogon_OutputMessage"
    message="tns:IMultiPointStation_SetStationAutoLogon_OutputMessage"/>
    <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointStation_SetStationAutoLogon_WmsFaultType_FaultMessage"/>
  </wsdl:output>
</wsdl:operation>

```



### 3.8.4.17.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointStation_SetStationAutoLogon_InputMessage	This message requests that the server enable/disable auto-logout for the specified station.
IMultiPointStation_SetStationAutoLogon_OutputMessage	Response message.
IMultiPointStation_SetStationAutoLogon_WmsFaultType_FaultMessage	This message contains the internal server failure status code, if one occurs

#### 3.8.4.17.1.1 IMultiPointStation\_SetStationAutoLogon\_InputMessage Message

A **WSDL message** containing the request for the **SetStationAutoLogon WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointStation/SetStationAutoLogon
<wsdl:message name="IMultiPointStation_SetStationAutoLogon_InputMessage">
  <wsdl:part name="SetStationAutoLogon" element="tns:SetStationAutoLogon"/>
</wsdl:message>
```

#### 3.8.4.17.1.2 IMultiPointStation\_SetStationAutoLogon\_OutputMessage Message

A **WSDL message** containing the response for the **SetStationAutoLogon WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointStation/SetStationAutoLogonResponse
<wsdl:message name="IMultiPointStation_SetStationAutoLogon_OutputMessage">
  <wsdl:part name="SetStationAutoLogonResponse" element="tns:SetStationAutoLogonResponse"/>
</wsdl:message>
```

#### 3.8.4.17.1.3 IMultiPointStation\_SetStationAutoLogon\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **SetStationAutoLogon WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointStation_SetStationAutoLogon_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.8.4.17.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<SetStationAutoLogon>	An input parameter element
<SetStationAutoLogonResponse>	An output data element

### 3.8.4.17.2.1 SetStationAutoLogon

```
<xsd:element name="SetStationAutoLogon">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="idStation" type="xsd:unsignedInt"/>
      <xsd:element minOccurs="1" maxOccurs="1" name="eConfiguration" type="xsd:unsignedInt"/>
      <xsd:element minOccurs="1" maxOccurs="1" name="wsUser" nillable="true"
type="xsd:string"/>
      <xsd:element minOccurs="1" maxOccurs="1" name="wsDomain" nillable="true"
type="xsd:string"/>
      <xsd:element minOccurs="1" maxOccurs="1" name="wsPassword" nillable="true"
type="xsd:string"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**idStation:** Contains the ID of the **MultiPoint Station**. This is an unsigned integer with a range of 1-n, where n is the number of stations currently available on the server.

**eConfiguration:** Contains the logon configuration: 0 = manual logon; 1 = auto-logon.

**wsUser:** Contains the user name to be used for auto-logon.

**wsDomain:** Contains the domain to be used for auto-logon.

**wsPassword:** Contains the password to be used for auto-logon.

### 3.8.4.17.2.2 SetStationAutoLogonResponse

```
<xsd:element name="SetStationAutoLogonResponse">
  <xsd:complexType/>
</xsd:element>
```

### 3.8.4.17.3 Complex Types

None.

### 3.8.4.18 SetStationFriendlyName Operation

The **SetStationFriendlyName** method associates a friendly name with a station, which is displayed in place of a numeric station ID.

This operation MUST be authenticated by using Server Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="SetStationFriendlyName">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/SetStationFriendlyName"
name="IMultiPointStation_SetStationFriendlyName_InputMessage"
message="tns:IMultiPointStation_SetStationFriendlyName_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/SetStationFriendlyNameResp
```

```

onse" name="IMultiPointStation_SetStationFriendlyName_OutputMessage"
message="tns:IMultiPointStation_SetStationFriendlyName_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointStation_SetStationFriendlyName_WmsFaultType_FaultMessage"/>
</wsdl:operation>

```

### 3.8.4.18.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointStation_SetStationFriendlyName_InputMessage	This message requests that the server associate the specified friendly name with the specified station.
IMultiPointStation_SetStationFriendlyName_OutputMessage	Response message.
IMultiPointStation_SetStationFriendlyName_WmsFaultType_FaultMessage	This message contains the internal server failure status code, if one occurs.

#### 3.8.4.18.1.1 IMultiPointStation\_SetStationFriendlyName\_InputMessage Message

A **WSDL message** containing the request for the **SetStationFriendlyName WSDL operation**.

The **SOAP action** value is as follows:

```

http://MultiPoint/RemoteManagement/IMultiPointStation/SetStationFriendlyName
<wsdl:message name="IMultiPointStation_SetStationFriendlyName_InputMessage">
  <wsdl:part name="SetStationFriendlyName" element="tns:SetStationFriendlyName"/>
</wsdl:message>

```

#### 3.8.4.18.1.2 IMultiPointStation\_SetStationFriendlyName\_OutputMessage Message

A **WSDL message** containing the response for the **SetStationFriendlyName WSDL operation**.

The **SOAP action** value is as follows:

```

http://MultiPoint/RemoteManagement/IMultiPointStation/SetStationFriendlyNameResponse
<wsdl:message name="IMultiPointStation_SetStationFriendlyName_OutputMessage">
  <wsdl:part name="SetStationFriendlyNameResponse"
element="tns:SetStationFriendlyNameResponse"/>
</wsdl:message>

```

#### 3.8.4.18.1.3 IMultiPointStation\_SetStationFriendlyName\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **SetStationFriendlyName WSDL operation**.

The **SOAP action** value is as follows:

```

http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointStation_SetStationFriendlyName_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>

```

```
</wsdl:message>
```

### 3.8.4.18.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<SetStationFriendlyName>	An input parameter element
<SetStationFriendlyNameResponse>	An output data element

#### 3.8.4.18.2.1 SetStationFriendlyName

```
<xsd:element name="SetStationFriendlyName" type="tns:SetStationFriendlyNameRequestBody"/>
```

#### 3.8.4.18.2.2 SetStationFriendlyNameResponse

```
<xsd:element name="SetStationFriendlyNameResponse"  
type="q1:SetStationFriendlyNameResponseBody"/>
```

### 3.8.4.18.3 Complex Types

The following table summarizes the **XML Schema** complex type element definitions that are specific to this operation.

Complex type	Description
<SetStationFriendlyNameRequestBody>	XML supplying the input parameters
<SetStationFriendlyNameResponseBody>	XML supplying the output parameters

#### 3.8.4.18.3.1 SetStationFriendlyNameRequestBody

```
<xsd:complexType name="SetStationFriendlyNameRequestBody">  
  <xsd:sequence>  
    <xsd:element minOccurs="1" maxOccurs="1" name="idStation" type="xsd:unsignedInt"/>  
    <xsd:element minOccurs="1" maxOccurs="1" name="wsFriendlyName" type="xsd:string"/>  
  </xsd:sequence>  
</xsd:complexType>
```

**idStation:** Contains the ID of the **MultiPoint Station**. This is an unsigned integer with a range of 1–n, where n is the number of stations currently available on the server.

**wsFriendlyName:** Contains the friendly name of the station.

#### 3.8.4.18.3.2 SetStationFriendlyNameResponseBody

```
<xsd:complexType name="SetStationFriendlyNameResponseBody"/>
```

### 3.8.4.19 SetStationServerName Operation

The **SetStationServerName** sets the host name of the session host server or virtual machine to which the given station connects.

This operation **MUST** be authenticated by using Server Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="SetStationServerName">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/SetStationServerName"
    name="IMultiPointStation_SetStationServerName_InputMessage"
    message="tns:IMultiPointStation_SetStationServerName_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/SetStationServerNameResponse"
    name="IMultiPointStation_SetStationServerName_OutputMessage"
    message="tns:IMultiPointStation_SetStationServerName_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointStation_SetStationServerName_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.8.4.19.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointStation_SetStationServerName_InputMessage	This message requests that the specified server name and virtual machine host name be associated with the specified station.
IMultiPointStation_SetStationServerName_OutputMessage	Response message.
IMultiPointStation_SetStationServerName_WmsFaultType_FaultMessage	This message contains the internal server failure status code, if one occurs.

##### 3.8.4.19.1.1 IMultiPointStation\_SetStationServerName\_InputMessage Message

A **WSDL message** containing the request for the **SetStationServerName WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointStation/SetStationServerName
<wsdl:message name="IMultiPointStation_SetStationServerName_InputMessage">
  <wsdl:part name="SetStationServerName" element="tns:SetStationServerName"/>
</wsdl:message>
```

##### 3.8.4.19.1.2 IMultiPointStation\_SetStationServerName\_OutputMessage Message

A **WSDL message** containing the response for the **SetStationServerName WSDL operation**.

The **SOAP action** value is as follows:

```

http://MultiPoint/RemoteManagement/IMultiPointStation/SetStationServerNameResponse
<wsdl:message name="IMultiPointStation_SetStationServerName_OutputMessage">
  <wsdl:part name="SetStationServerNameResponse" element="tns:SetStationServerNameResponse"/>
</wsdl:message>

```

### 3.8.4.19.1.3 IMultiPointStation\_SetStationServerName\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **SetStationServerName WSDL operation**.

The **SOAP action** value is as follows:

```

http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointStation_SetStationServerName_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>

```

### 3.8.4.19.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<SetStationServerName>	An input parameter element
<SetStationServerNameResponse>	An output data element

#### 3.8.4.19.2.1 SetStationServerName

```
<xsd:element name="SetStationServerName" type="tns:SetStationServerNameRequestBody"/>
```

#### 3.8.4.19.2.2 SetStationServerNameResponse

```
<xsd:element name="SetStationServerNameResponse" type="q1:SetStationServerNameResponseBody"/>
```

### 3.8.4.19.3 Complex Types

The following table summarizes the **XML Schema** complex type element definitions that are specific to this operation.

Complex type	Description
<SetStationServerNameRequestBody>	XML supplying the input parameters
<SetStationServerNameResponseBody>	XML supplying the output parameters

#### 3.8.4.19.3.1 SetStationServerNameRequestBody

```

<xsd:complexType name="SetStationServerNameRequestBody">
  <xsd:sequence>
    <xsd:element minOccurs="1" maxOccurs="1" name="idStation" type="xsd:unsignedInt"/>

```

```

    <xsd:element minOccurs="1" maxOccurs="1" name="wsServerName" nillable="true"
type="xsd:string"/>
    <xsd:element minOccurs="1" maxOccurs="1" name="wsVirtualMachineName" nillable="true"
type="xsd:string"/>
  </xsd:sequence>
</xsd:complexType>

```

**idStation:** Contains the ID of the **MultiPoint Station**. This is an unsigned integer with a range of 1–n, where n is the number of stations currently available on the server.

**wsServerName:** Contains the host name of the server.

**wsVirtualMachineName:** Contains the host name of a virtual machine hosting the station (if any).

### 3.8.4.19.3.2 SetStationServerNameResponseBody

```

<xsd:complexType name="SetStationServerNameResponseBody"/>

```

### 3.8.4.20 SplitStation Operation

The **SplitStation** method is called to either split the display of a single station into two virtual displays, each associated with different station hardware, or to recombine a split display into a single display.

This operation **MUST** be authenticated by using Server Management Credentials (section [3.4.1](#)).

```

<wsdl:operation name="SplitStation">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/SplitStation"
name="IMultiPointStation_SplitStation_InputMessage"
message="tns:IMultiPointStation_SplitStation_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/SplitStationResponse"
name="IMultiPointStation_SplitStation_OutputMessage"
message="tns:IMultiPointStation_SplitStation_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointStation_SplitStation_WmsFaultType_FaultMessage"/>
</wsdl:operation>

```

### 3.8.4.20.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointStation_SplitStation_InputMessage	This message requests that the server either split or unsplit the specified station.
IMultiPointStation_SplitStation_OutputMessage	Response message.
IMultiPointStation_SplitStation_WmsFaultType_FaultMessage	This message contains the internal server failure status code, if one occurs.

#### 3.8.4.20.1.1 IMultiPointStation\_SplitStation\_InputMessage Message

A **WSDL message** containing the request for the **SplitStation WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointStation/SplitStation
<wsdl:message name="IMultiPointStation_SplitStation_InputMessage">
  <wsdl:part name="SplitStation" element="tns:SplitStation"/>
</wsdl:message>
```

#### 3.8.4.20.1.2 IMultiPointStation\_SplitStation\_OutputMessage Message

A **WSDL message** containing the response for the **SplitStation WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointStation/SplitStationResponse
<wsdl:message name="IMultiPointStation_SplitStation_OutputMessage">
  <wsdl:part name="SplitStationResponse" element="tns:SplitStationResponse"/>
</wsdl:message>
```

#### 3.8.4.20.1.3 IMultiPointStation\_SplitStation\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **SplitStation WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointStation_SplitStation_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.8.4.20.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<SplitStation>	An input parameter element
<SplitStationResponse>	An output data element

#### 3.8.4.20.2.1 SplitStation

```
<xsd:element name="SplitStation">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="idStation" type="xsd:unsignedInt"/>
      <xsd:element minOccurs="1" maxOccurs="1" name="eOperation" type="xsd:unsignedInt"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**idStation:** Contains the ID of the **MultiPoint Station**. This is an unsigned integer with a range of 1–n, where n is the number of stations currently available on the server.



**eOperation:** Contains the split action to be performed: 0 = split, or 1 = unsplit.

### 3.8.4.20.2 SplitStationResponse

```
<xsd:element name="SplitStationResponse">  
  <xsd:complexType/>  
</xsd:element>
```

### 3.8.4.20.3 Complex Types

None.

### 3.8.4.21 StopIdentifyingStation Operation

The **StopIdentifyingStation** method is called to cause the server to no longer display the station ID on the specified station's display.

This operation **MUST** be authenticated by using Server Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="StopIdentifyingStation">  
  <wsdl:input  
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/StopIdentifyingStation"  
    name="IMultiPointStation_StopIdentifyingStation_InputMessage"  
    message="tns:IMultiPointStation_StopIdentifyingStation_InputMessage"/>  
  <wsdl:output  
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/StopIdentifyingStationResp  
onse" name="IMultiPointStation_StopIdentifyingStation_OutputMessage"  
    message="tns:IMultiPointStation_StopIdentifyingStation_OutputMessage"/>  
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"  
    message="tns:IMultiPointStation_StopIdentifyingStation_WmsFaultType_FaultMessage"/>  
</wsdl:operation>
```

#### 3.8.4.21.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointStation_StopIdentifyingStation_InputMessage	This message requests the specified station to stop displaying its station ID and resume normal output.
IMultiPointStation_StopIdentifyingStation_OutputMessage	Response message.
IMultiPointStation_StopIdentifyingStation_WmsFaultType_FaultMessage	This message contains the internal server failure status code, if one occurs.

#### 3.8.4.21.1.1 IMultiPointStation\_StopIdentifyingStation\_InputMessage Message

A **WSDL message** containing the request for the **StopIdentifyingStation WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointStation/StopIdentifyingStation
```

```
<wsdl:message name="IMultiPointStation_StopIdentifyingStation_InputMessage">
  <wsdl:part name="StopIdentifyingStation" element="tns:StopIdentifyingStation"/>
</wsdl:message>
```

### 3.8.4.21.1.2 IMultiPointStation\_StopIdentifyingStation\_OutputMessage Message

A **WSDL message** containing the response for the **StopIdentifyingStation WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointStation/StopIdentifyingStationResponse
<wsdl:message name="IMultiPointStation_StopIdentifyingStation_OutputMessage">
  <wsdl:part name="StopIdentifyingStationResponse"
  element="tns:StopIdentifyingStationResponse"/>
</wsdl:message>
```

### 3.8.4.21.1.3 IMultiPointStation\_StopIdentifyingStation\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **StopIdentifyingStation WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointStation_StopIdentifyingStation_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.8.4.21.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<StopIdentifyingStation>	An input parameter element
<StopIdentifyingStationResponse>	An output data element

#### 3.8.4.21.2.1 StopIdentifyingStation

```
<xsd:element name="StopIdentifyingStation">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="idStation" type="xsd:unsignedInt"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**idStation:** Contains the ID of the **MultiPoint Station**. This is an unsigned integer with a range of 1-n, where n is the number of stations currently available on the server.

#### 3.8.4.21.2.2 StopIdentifyingStationResponse

```
<xsd:element name="StopIdentifyingStationResponse">
```

```
<xsd:complexType/>
</xsd:element>
```

### 3.8.4.21.3 Complex Types

None.

### 3.8.4.22 UnblockUsbStorageDevicesAllStations

The **UnblockUsbStorageDevicesAllStations** method requests that the server allow access to USB storage devices on all stations. [<27>](#) This operation MUST be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="UnblockUsbStorageDevicesAllStations">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/UnblockUsbStorageDevicesAllStations" name="IMultiPointStation_UnblockUsbStorageDevicesAllStations_InputMessage"
    message="tns:IMultiPointStation_UnblockUsbStorageDevicesAllStations_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/UnblockUsbStorageDevicesAllStationsResponse"
    name="IMultiPointStation_UnblockUsbStorageDevicesAllStations_OutputMessage"
    message="tns:IMultiPointStation_UnblockUsbStorageDevicesAllStations_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointStation_UnblockUsbStorageDevicesAllStations_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.8.4.22.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointStation_UnblockUsbStorageDevicesAllStations_InputMessage	This message requests the server to allow all stations to access USB storage devices.
IMultiPointStation_UnblockUsbStorageDevicesAllStations_OutputMessage	Response message.
IMultiPointStation_UnblockUsbStorageDevicesAllStations_WmsFaultType_FaultMessage	This message contains the internal server failure status code, if one occurs.

#### 3.8.4.22.1.1 IMultiPointStation\_UnblockUsbStorageDevicesAllStations\_InputMessage Message

A **WSDL message** containing the request for the **UnblockUsbStorageDevicesAllStations WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointStation/UnblockUsbStorageDevicesAllStations
```

```

<wsdl:message name="IMultiPointStation_UnblockUsbStorageDevicesAllStations_InputMessage">
  <wsdl:part name="UnblockUsbStorageDevicesAllStations"
    element="tns:UnblockUsbStorageDevicesAllStations"/>
</wsdl:message>

```

### 3.8.4.22.1.2 IMultiPointStation\_UnblockUsbStorageDevicesAllStations\_OutputMessage Message

A **WSDL message** containing the response for the **UnblockUsbStorageDevicesAllStations WSDL operation**.

The **SOAP action** value is as follows:

```

http://MultiPoint/RemoteManagement/IMultiPointStation/UnblockUsbStorageDevicesAllStationsResponse
<wsdl:message name="IMultiPointStation_UnblockUsbStorageDevicesAllStations_OutputMessage">
  <wsdl:part name="UnblockUsbStorageDevicesAllStations"
    element="tns:UnblockUsbStorageDevicesAllStations"/>
</wsdl:message>

```

### 3.8.4.22.1.3 IMultiPointStation\_UnblockUsbStorageDevicesAllStations\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **UnblockUsbStorageDevicesAllStations WSDL operation**.

The **SOAP action** value is as follows:

```

http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message
  name="IMultiPointStation_UnblockUsbStorageDevicesAllStations_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>

```

## 3.8.4.22.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<UnblockUsbStorageDevicesAllStations>	An input parameter element
<UnblockUsbStorageDevicesAllStationsResponse>	An output data element

### 3.8.4.22.2.1 UnblockUsbStorageDevicesAllStations

```

<xsd:element name="UnblockUsbStorageDevicesAllStations">
  <xsd:complexType/>
</xsd:element>

```

### 3.8.4.22.2.2 UnblockUsbStorageDevicesAllStationsResponse

```
<xsd:element name="UnblockUsbStorageDevicesAllStationsResponse">
  <xsd:complexType/>
</xsd:element>
```

### 3.8.4.22.3 Complex Types

None.

### 3.8.4.23 UnblockUsbStorageDevices

The **UnblockUsbStorageDevices** method requests that the server allow access to USB storage devices on the specified station. [<28>](#) This operation **MUST** be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="UnblockUsbStorageDevices">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/UnblockUsbStorageDevices"
name="IMultiPointStation_UnblockUsbStorageDevices_InputMessage"
message="tns:IMultiPointStation_UnblockUsbStorageDevices_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/UnblockUsbStorageDevicesRe
sponse" name="IMultiPointStation_UnblockUsbStorageDevices_OutputMessage"
message="tns:IMultiPointStation_UnblockUsbStorageDevices_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointStation_UnblockUsbStorageDevices_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.8.4.23.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointStation_UnblockUsbStorageDevices_InputMessage	This message requests the server to allow the specified station to access USB storage devices.
IMultiPointStation_UnblockUsbStorageDevices_OutputMessage	Response message.
IMultiPointStation_UnblockUsbStorageDevices_WmsFaultType_FaultMessage	This message contains the internal server failure status code, if one occurs.

#### 3.8.4.23.1.1 IMultiPointStation\_UnblockUsbStorageDevices\_InputMessage Message

A **WSDL message** containing the request for the **UnblockUsbStorageDevices WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointStation/UnblockUsbStorageDevices
<wsdl:message name="IMultiPointStation_UnblockUsbStorageDevices_InputMessage">
  <wsdl:part name="UnblockUsbStorageDevices" element="tns:UnblockUsbStorageDevices"/>
</wsdl:message>
```

### 3.8.4.23.1.2 IMultiPointStation\_UnblockUsbStorageDevices\_OutputMessage Message

A **WSDL message** containing the response for the **UnblockUsbStorageDevices WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointStation/UnblockUsbStorageDevicesResponse
<wsdl:message name="IMultiPointStation_UnblockUsbStorageDevices_OutputMessage">
  <wsdl:part name="UnblockUsbStorageDevices" element="tns:UnblockUsbStorageDevices"/>
</wsdl:message>
```

### 3.8.4.23.1.3 IMultiPointStation\_UnblockUsbStorageDevices\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **UnblockUsbStorageDevices WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointStation_UnblockUsbStorageDevices_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.8.4.23.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<UnblockUsbStorageDevices>	An input parameter element
<UnblockUsbStorageDevicesResponse>	An output data element

#### 3.8.4.23.2.1 UnblockUsbStorageDevices

```
<xsd:element name="UnblockUsbStorageDevices">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="idStation" type="xsd:unsignedInt" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**idStation:** Contains the ID of the **MultiPoint Station**. This is an unsigned integer with a range of 1–n, where n is the number of stations currently available on the server.

#### 3.8.4.23.2.2 UnblockUsbStorageDevicesResponse

```
<xsd:element name="UnblockUsbStorageDevicesResponse">
  <xsd:complexType/>
</xsd:element>
```

### 3.8.4.23.3 Complex Types

None.

### 3.8.5 Timer Events

None.

### 3.8.6 Other Local Events

None.

## 3.9 IMultiPointSystemOnlineEventSink Server Details

This endpoint is a set of methods that notify the client when a server they manage has become available for management or is no longer available for management.

### 3.9.1 Abstract Data Model

This section describes a conceptual model of possible data organization that an implementation maintains to participate in this algorithm. The described organization is provided to facilitate the explanation of how the algorithm behaves. This document does not mandate that implementations adhere to this model as long as their external behavior is consistent with that described in this document.

The server MUST supply an **X.509** certificate for the purpose of server identification and to be used by the client and server to encrypt **SOAP** requests/responses.

The server MUST create and securely store a random password to be used to authenticate API requests.

### 3.9.2 Timers

None.

### 3.9.3 Initialization

None.

### 3.9.4 Message Processing Events and Sequencing Rules

This protocol includes the following **WSDL operations**.

Operation	Description
OnManagedServerOfflineNotify	This method is called when a server is going offline.
OnManagedServerOnlineNotify	This method is called when a server has become available online.
OnNewServerCertificateReady	This method is called when the current <b>X.509</b> certificate is near expiry and a replacement certificate is available.

### 3.9.4.1 OnManagedServerOfflineNotify Operation

The **OnManagedServerOfflineNotify** method is called by a server to inform all of its managing clients that it is going offline and is no longer processing management requests.

This operation MUST be authenticated by using Notification Sink Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="OnManagedServerOfflineNotify">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSystemOnlineEventSink/OnManagedServerOfflineNotify"
    name="IMultiPointSystemOnlineEventSink_OnManagedServerOfflineNotify_InputMessage"
    message="tns:IMultiPointSystemOnlineEventSink OnManagedServerOfflineNotify InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSystemOnlineEventSink/OnManagedServerOfflineNotify"
    name="IMultiPointSystemOnlineEventSink_OnManagedServerOfflineNotify_OutputMessage"
    message="tns:IMultiPointSystemOnlineEventSink_OnManagedServerOfflineNotify_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointSystemOnlineEventSink OnManagedServerOfflineNotify WmsFaultType FaultMessage"/>
</wsdl:operation>
```

#### 3.9.4.1.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointSystemOnlineEventSink_OnManagedServerOfflineNotify_InputMessage	This message informs the client of the name of the server going offline.
IMultiPointSystemOnlineEventSink_OnManagedServerOfflineNotify_OutputMessage	Response message.
IMultiPointSystemOnlineEventSink_OnManagedServerOfflineNotify_WmsFaultType_FaultMessage	This message contains the internal server failure status code, if one occurs.

##### 3.9.4.1.1.1 IMultiPointSystemOnlineEventSink\_OnManagedServerOfflineNotify\_InputMessage Message

A **WSDL message** containing the request for the **OnManagedServerOfflineNotify WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointSystemOnlineEventSink/OnManagedServerOfflineNotify
<wsdl:message
  name="IMultiPointSystemOnlineEventSink_OnManagedServerOfflineNotify_InputMessage">
  <wsdl:part name="OnManagedServerOfflineNotify" element="tns:OnManagedServerOfflineNotify"/>
</wsdl:message>
```

##### 3.9.4.1.1.2 IMultiPointSystemOnlineEventSink\_OnManagedServerOfflineNotify\_OutputMessage Message



A **WSDL message** containing the response for the **OnManagedServerOfflineNotify WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointSystemOnlineEventSink/OnManagedServerOfflineNotify
<wsdl:message
  name="IMultiPointSystemOnlineEventSink_OnManagedServerOfflineNotify_OutputMessage">
  <wsdl:part name="OnManagedServerOfflineNotifyResponse"
    element="tns:OnManagedServerOfflineNotifyResponse"/>
</wsdl:message>
```

### 3.9.4.1.1.3 IMultiPointSystemOnlineEventSink\_OnManagedServerOfflineNotify\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **OnManagedServerOfflineNotify WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message
  name="IMultiPointSystemOnlineEventSink_OnManagedServerOfflineNotify_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.9.4.1.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<OnManagedServerOfflineNotify>	An input parameter element
<OnManagedServerOfflineNotifyResponse>	An output data element

#### 3.9.4.1.2.1 OnManagedServerOfflineNotify

```
<xsd:element name="OnManagedServerOfflineNotify"
  type="tns:OnManagedServerOfflineNotifyRequestBody"/>
```

#### 3.9.4.1.2.2 OnManagedServerOfflineNotifyResponse

```
<xsd:element name="OnManagedServerOfflineNotifyResponse"
  type="q1:OnManagedServerOfflineNotifyResponseBody"/>
```

### 3.9.4.1.3 Complex Types

The following table summarizes the **XML Schema** complex type element definitions that are specific to this operation.

Complex type	Description
<OnManagedServerOfflineNotifyRequestBody>	XML supplying the input parameters
<OnManagedServerOfflineNotifyResponseBody>	XML supplying the output parameters

### 3.9.4.1.3.1 OnManagedServerOfflineNotifyRequestBody

```
<xsd:complexType name="OnManagedServerOfflineNotifyRequestBody">
  <xsd:sequence>
    <xsd:element minOccurs="1" maxOccurs="1" name="wsWmsSystemHostName" type="xsd:string"/>
  </xsd:sequence>
</xsd:complexType>
```

**wsWmsSystemHostName:** Contains the host name of the server.

### 3.9.4.1.3.2 OnManagedServerOfflineNotifyResponseBody

```
<xsd:complexType name="OnManagedServerOfflineNotifyResponseBody"/>
```

### 3.9.4.2 OnManagedServerOnlineNotify Operation

The **OnManagedServerOnlineNotify** method is called by a server to inform all of its managing clients that it is coming online and is available to process management requests.

This operation MUST be authenticated by using Notification Sink Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="OnManagedServerOnlineNotify">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSystemOnlineEventSink/OnManagedServerOnlineNotify"
    name="IMultiPointSystemOnlineEventSink_OnManagedServerOnlineNotify_InputMessage"
    message="tns:IMultiPointSystemOnlineEventSink_OnManagedServerOnlineNotify_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSystemOnlineEventSink/OnManagedServerOnlineNotify"
    name="IMultiPointSystemOnlineEventSink_OnManagedServerOnlineNotify_OutputMessage"
    message="tns:IMultiPointSystemOnlineEventSink_OnManagedServerOnlineNotify_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointSystemOnlineEventSink_OnManagedServerOnlineNotify_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.9.4.2.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointSystemOnlineEventSink_OnManagedServerOnlineNotify_InputMessage	This message informs the client that the host name and IP address of the server are coming online.
IMultiPointSystemOnlineEventSink_OnManagedServerOnlineNotify_OutputMessage	Response message.

Message	Description
IMultiPointSystemOnlineEventSink_OnManagedServerOnlineNotify_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

### 3.9.4.2.1.1 IMultiPointSystemOnlineEventSink\_OnManagedServerOnlineNotify\_InputMessage Message

A **WSDL message** containing the request for the **OnManagedServerOnlineNotify WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointSystemOnlineEventSink/OnManagedServerOnlineNotify
<wsdl:message
name="IMultiPointSystemOnlineEventSink_OnManagedServerOnlineNotify_InputMessage">
  <wsdl:part name="OnManagedServerOnlineNotify" element="tns:OnManagedServerOnlineNotify"/>
</wsdl:message>
```

### 3.9.4.2.1.2 IMultiPointSystemOnlineEventSink\_OnManagedServerOnlineNotify\_OutputMessage Message

A **WSDL message** containing the response for the **OnManagedServerOnlineNotify WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointSystemOnlineEventSink/OnManagedServerOnlineNotify
<wsdl:message
name="IMultiPointSystemOnlineEventSink_OnManagedServerOnlineNotify_OutputMessage">
  <wsdl:part name="OnManagedServerOnlineNotifyResponse"
element="tns:OnManagedServerOnlineNotifyResponse"/>
</wsdl:message>
```

### 3.9.4.2.1.3 IMultiPointSystemOnlineEventSink\_OnManagedServerOnlineNotify\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **OnManagedServerOnlineNotify WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message
name="IMultiPointSystemOnlineEventSink_OnManagedServerOnlineNotify_WmsFaultType_FaultMessage"
>
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.9.4.2.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<OnManagedServerOnlineNotify>	Input parameters element
<OnManagedServerOnlineNotifyResponse>	Output data element

### 3.9.4.2.2.1 OnManagedServerOnlineNotify

```
<xsd:element name="OnManagedServerOnlineNotify"
type="tns:OnManagedServerOnlineNotifyRequestBody"/>
```

### 3.9.4.2.2.2 OnManagedServerOnlineNotifyResponse

```
<xsd:element name="OnManagedServerOnlineNotifyResponse"
type="ql:OnManagedServerOnlineNotifyResponseBody"/>
```

### 3.9.4.2.3 Complex Types

The following table summarizes the **XML Schema** complex type definitions that are specific to this operation.

Complex type	Description
<OnManagedServerOnlineNotifyRequestBody>	XML supplying the input parameters
<OnManagedServerOnlineNotifyResponseBody>	XML supplying the output parameters

#### 3.9.4.2.3.1 OnManagedServerOnlineNotifyRequestBody

```
<xsd:complexType name="OnManagedServerOnlineNotifyRequestBody">
  <xsd:sequence>
    <xsd:element minOccurs="1" maxOccurs="1" name="wsWmsSystemHostName" type="xsd:string"/>
    <xsd:element minOccurs="1" maxOccurs="1" name="wsWmsSystemIpAddress" type="xsd:string"/>
  </xsd:sequence>
</xsd:complexType>
```

**wsWmsSystemHostName:** Contains the host name of the server.

**wsWmsSystemIpAddress:** Contains the IP address of the server.

#### 3.9.4.2.3.2 OnManagedServerOnlineNotifyResponseBody

```
<xsd:complexType name="OnManagedServerOnlineNotifyResponseBody"/>
```

### 3.9.4.3 OnNewServerCertificateReady Operation

The **OnNewServerCertificateReady** method is called by a server to provide all of its managing clients a new self-signed **X.509** certificate when its current one is about to expire. [<29>](#)

This operation MUST be authenticated by using Notification Sink Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="OnNewServerCertificateReady">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSystemOnlineEventSink/OnNewServerCertificateReady"
    name="IMultiPointSystemOnlineEventSink_OnNewServerCertificateReady_InputMessage"
    message="tns:IMultiPointSystemOnlineEventSink_OnNewServerCertificateReady_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSystemOnlineEventSink/OnNewServerCertificateReady"
    name="IMultiPointSystemOnlineEventSink_OnNewServerCertificateReady_OutputMessage"
    message="tns:IMultiPointSystemOnlineEventSink_OnNewServerCertificateReady_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointSystemOnlineEventSink_OnNewServerCertificateReady_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.9.4.3.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointSystemOnlineEventSink_OnNewServerCertificateReady_InputMessage	This message informs the client that the server has a new self-signed X.509 certificate available.
IMultiPointSystemOnlineEventSink_OnNewServerCertificateReady_OutputMessage	A response message.
IMultiPointSystemOnlineEventSink_OnNewServerCertificateReady_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

##### 3.9.4.3.1.1 IMultiPointSystemOnlineEventSink\_OnNewServerCertificateReady\_Input Message Message

A **WSDL message** containing the request for the **OnNewServerCertificateReady WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointSystemOnlineEventSink/OnNewServerCertificateReady
<wsdl:message
  name="IMultiPointSystemOnlineEventSink_OnNewServerCertificateReady_InputMessage">
  <wsdl:part name="OnNewServerCertificateReady" element="tns:OnNewServerCertificateReady"/>
</wsdl:message>
```

##### 3.9.4.3.1.2 IMultiPointSystemOnlineEventSink\_OnNewServerCertificateReady\_OutputMessage Message

**WSDL message** containing the response for the **OnNewServerCertificateReady WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointSystemOnlineEventSink/OnNewServerCertificateReady
<wsdl:message
name="IMultiPointSystemOnlineEventSink_OnNewServerCertificateReady_OutputMessage">
  <wsdl:part name="OnNewServerCertificateReadyResponse"
element="tns:OnNewServerCertificateReadyResponse"/>
</wsdl:message>
```

### 3.9.4.3.1.3 IMultiPointSystemOnlineEventSink\_OnNewServerCertificateReady\_WmsFaultType\_FaultMessage Message

**WSDL message** containing a fault for the **OnNewServerCertificateReady WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message
name="IMultiPointSystemOnlineEventSink_OnNewServerCertificateReady_WmsFaultType_FaultMessage"
>
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.9.4.3.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<OnNewServerCertificateReady>	An input parameter element
<OnNewServerCertificateReadyResponse>	An output data element

#### 3.9.4.3.2.1 OnNewServerCertificateReady

```
<xsd:element name="OnNewServerCertificateReady">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="wsHostName" type="xsd:string" />
      <xsd:element minOccurs="1" maxOccurs="1" name="pSslCertificate" type="tns:ArrayOfBytes"
/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**wsHostName:** Contains the host name of the client.

**pSslCertificate:** Contains the client's **X.509** certificate used for **SSL**. The certificate's subject name **MUST** match the client's host name. Servers **MUST** verify that the subject name of the certificate matches the host name of the client. Servers **MUST** also verify that the certificate's **enhanced key usage (EKU)** supports only **Server Authentication**.

### 3.9.4.3.2 OnNewServerCertificateReadyResponse

```
<xsd:element name="OnNewServerCertificateReadyResponse">  
  <xsd:complexType/>  
</xsd:element>
```

### 3.9.4.3.3 Complex Types

None.

### 3.9.5 Timer Events

None.

### 3.9.6 Other Local Events

None.

## 3.10 IMultiPointUserManager Server Details

This endpoint provides methods that allow the creation, removal, and manipulation of user accounts on the server.

### 3.10.1 Abstract Data Model

This section describes a conceptual model of possible data organization that an implementation maintains to participate in this algorithm. The described organization is provided to facilitate the explanation of how the algorithm behaves. This document does not mandate that implementations adhere to this model as long as their external behavior is consistent with that described in this document.

The server **MUST** supply an **X.509** certificate for the purpose of server identification and to be used by the client and server to encrypt **SOAP** requests/responses.

The server **MUST** create and securely store a random password to be used to authenticate API requests.

### 3.10.2 Timers

None.

### 3.10.3 Initialization

None.

### 3.10.4 Message Processing Events and Sequencing Rules

This specification includes the following **WSDL operations**.

Operation	Description
AddUser	Add a new user account.
EnumerateUsers	Return a list of user names.

Operation	Description
RemoveUser	Remove an existing user account.
SetUserInfo	Configure user account information.

### 3.10.4.1 AddUser Operation

The **AddUser** method requests that the server create the specified user account.

This operation **MUST** be authenticated by using Server Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="AddUser">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointUserManager/AddUser"
    name="IMultiPointUserManager_AddUser_InputMessage"
    message="tns:IMultiPointUserManager_AddUser_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointUserManager/AddUserResponse"
    name="IMultiPointUserManager_AddUser_OutputMessage"
    message="tns:IMultiPointUserManager_AddUser_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
    name="WmsFaultType" message="tns:IMultiPointUserManager_AddUser_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.10.4.1.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointUserManager_AddUser_InputMessage	This message requests that the server create the specified user account.
IMultiPointUserManager_AddUser_OutputMessage	Response message.
IMultiPointUserManager_AddUser_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

##### 3.10.4.1.1.1 IMultiPointUserManager\_AddUser\_InputMessage

A **WSDL message** containing the request for the **AddUser WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointUserManager/AddUser
<wsdl:message name="IMultiPointUserManager_AddUser_InputMessage">
  <wsdl:part name="AddUser" element="tns:AddUser"/>
</wsdl:message>
```

##### 3.10.4.1.1.2 IMultiPointUserManager\_AddUser\_OutputMessage

A **WSDL message** containing the response for the **AddUser WSDL operation**.



The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointUserManager/AddUserResponse
<wsdl:message name="IMultiPointUserManager_AddUser_OutputMessage">
  <wsdl:part name="AddUserResponse" element="tns:AddUserResponse"/>
</wsdl:message>
```

### 3.10.4.1.1.3 IMultiPointUserManager\_AddUser\_WmsFaultType\_FaultMessage

A **WSDL message** containing a fault for the **AddUser WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointUserManager_AddUser_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.10.4.1.2 Elements

The following table summarizes the XML schema element definitions that are specific to this operation.

Element	Description
<AddUser>	Input parameters element
<AddUserResponse>	Output data element

#### 3.10.4.1.2.1 AddUser

```
<xsd:element name="AddUser" type="tns:AddUserRequestBody"/>
```

#### 3.10.4.1.2.2 AddUserResponse

```
<xsd:element name="AddUserResponse" type="q1:AddUserResponseBody"/>
```

### 3.10.4.1.3 Complex Types

The following table summarizes the **XML Schema** complex type definitions that are specific to this operation.

Complex type	Description
<AddUserRequestBody>	XML supplying the input parameters
<AddUserResponseBody>	XML supplying the output parameters

#### 3.10.4.1.3.1 AddUserRequestBody

```

<xsd:complexType name="AddUserRequestBody">
  <xsd:sequence>
    <xsd:element minOccurs="1" maxOccurs="1" name="wsName" nillable="true"
type="xsd:string"/>
    <xsd:element minOccurs="1" maxOccurs="1" name="wsPassword" nillable="true"
type="xsd:string"/>
    <xsd:element minOccurs="1" maxOccurs="1" name="eType" type="xsd:unsignedInt"/>
    <xsd:element minOccurs="1" maxOccurs="1" name="wsFullName" nillable="true"
type="xsd:string"/>
    <xsd:element minOccurs="1" maxOccurs="1" name="wsDescription" nillable="true"
type="xsd:string"/>
  </xsd:sequence>
</xsd:complexType>

```

**wsName:** Contains the user name of the account to be created.

**wsPassword:** Contains the password to be associated with the account.

**eType:** Contains the type of account to create with the following possible values, as specified in section [3.10.4.2](#):

Value	Meaning
0	Administrator user
1	Standard user
2	MultiPoint Operators Group user

**wsFullName:** Contains the full name of the user.

**wsDescription:** Contains the account description.

### 3.10.4.1.3.2 AddUserResponseBody

```

<xsd:complexType name="AddUserResponseBody"/>

```

### 3.10.4.2 EnumerateUsers Operation

The **EnumerateUsers** method requests that the server return an array of structures that contains information about each of the following classes of user account groups that currently exist on the server:

Administrator User: User accounts with **administrator** privileges.

Standard User: User accounts with no special privileges.

MultiPoint Operator Group User: A security group that contains the collection of users that have been assigned some elevated permissions over Standard Users. The actual differences between the groups are implementation-specific and not part of the protocol. The protocol only identifies which group a user is a member of when creating or enumerating the users on a server.

This operation **MUST** be authenticated by using Server Management Credentials (section [3.4.1](#)).

```

<wsdl:operation name="EnumerateUsers">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointUserManager/EnumerateUsers"
name="IMultiPointUserManager_EnumerateUsers_InputMessage"
message="tns:IMultiPointUserManager_EnumerateUsers_InputMessage"/>

```

```

    <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointUserManager/EnumerateUsersResponse
" name="IMultiPointUserManager_EnumerateUsers_OutputMessage"
message="tns:IMultiPointUserManager_EnumerateUsers_OutputMessage"/>
    <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
name="WmsFaultType"
message="tns:IMultiPointUserManager_EnumerateUsers_WmsFaultType_FaultMessage"/>
    </wsdl:operation>

```

### 3.10.4.2.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointUserManager_EnumerateUsers_InputMessage	This message requests that the server return an array of structures containing user information.
IMultiPointUserManager_EnumerateUsers_OutputMessage	This message contains the requested list of users.
IMultiPointUserManager_EnumerateUsers_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.10.4.2.1.1 IMultiPointUserManager\_EnumerateUsers\_InputMessage

A **WSDL message** containing the request for the **EnumerateUsers WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointUserManager/EnumerateUsers
<wsdl:message name="IMultiPointUserManager_EnumerateUsers_InputMessage">
  <wsdl:part name="EnumerateUsers" element="tns:EnumerateUsers"/>
</wsdl:message>

```

#### 3.10.4.2.1.2 IMultiPointUserManager\_EnumerateUsers\_OutputMessage

A **WSDL message** containing the response for the **EnumerateUsers WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointUserManager/EnumerateUsersResponse
<wsdl:message name="IMultiPointUserManager_EnumerateUsers_OutputMessage">
  <wsdl:part name="EnumerateUsersResponse" element="tns:EnumerateUsersResponse"/>
</wsdl:message>

```

#### 3.10.4.2.1.3 IMultiPointUserManager\_EnumerateUsers\_WmsFaultType\_FaultMessage

A **WSDL message** containing a fault for the **EnumerateUsers WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/WmsFault

```

```

<wsdl:message name="IMultiPointUserManager_EnumerateUsers_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>

```

### 3.10.4.2.2 Elements

The following table summarizes the XML schema element definitions that are specific to this operation.

Element	Description
<EnumerateUsers>	Input parameters element
<EnumerateUsersResponse>	Output data element

#### 3.10.4.2.2.1 EnumerateUsers

```
<xsd:element name="EnumerateUsers" type="q1:EnumerateUsersRequestBody"/>
```

#### 3.10.4.2.2.2 EnumerateUsersResponse

```
<xsd:element name="EnumerateUsersResponse" type="tns:EnumerateUsersResponseBody"/>
```

### 3.10.4.2.3 Complex Types

The following table summarizes the **XML Schema** complex type definitions that are specific to this operation.

Complex type	Description
<EnumerateUsersRequestBody>	XML supplying the input parameters
<EnumerateUsersResponseBody>	XML supplying the output parameters
<WMS_USER_WS>	XML containing user-specific information
<ArrayOfWMS_USER_WS>	Array of 0 or more elements of type tns:WMS_USER_WS

#### 3.10.4.2.3.1 EnumerateUsersRequestBody

```
<xsd:complexType name="EnumerateUsersRequestBody"/>
```

#### 3.10.4.2.3.2 EnumerateUsersResponseBody

```

<xsd:complexType name="EnumerateUsersResponseBody">
  <xsd:sequence>
    <xsd:element minOccurs="1" maxOccurs="1" name="pprgWmsUsersWs"
type="tns:ArrayOfWMS_USER_WS"/>
  </xsd:sequence>
</xsd:complexType>

```

**prgWmsUsersWs:** Contains an array of WMS\_USER\_WS structures representing the entire set of user accounts.

### 3.10.4.2.3.3 WMS\_USER\_WS

The **WMS\_USER\_WS** complex type contains data about a single user.

```
<xsd:complexType name="WMS_USER_WS">
  <xsd:sequence>
    <xsd:element minOccurs="1" maxOccurs="1" name="wsName" type="xsd:string"/>
    <xsd:element minOccurs="1" maxOccurs="1" name="wsFullName" type="xsd:string"/>
    <xsd:element minOccurs="1" maxOccurs="1" name="wsDescription" type="xsd:string"/>
    <xsd:element minOccurs="1" maxOccurs="1" name="UserType" type="xsd:unsignedInt"/>
  </xsd:sequence>
</xsd:complexType>
```

**wsName:** Contains the user account name.

**wsFullName:** Contains the user full name.

**wsDescription:** Contains the user account description.

**UserType:** Contains the type of account with the following possible values, as specified in section [3.10.4.2](#):

Value	Meaning
0	Administrator User
1	Standard User
2	MultiPoint Operators Group User

### 3.10.4.2.3.4 ArrayOfWMS\_USER\_WS

The **ArrayOfWMS\_USER\_WS** complex type is an array of 0 or more elements of type tns:WMS\_USER\_WS. [<30>](#)

```
<xsd:complexType name="ArrayOfWMS_USER_WS">
  <xsd:sequence>
    <xsd:element minOccurs="0" maxOccurs="unbounded" name="prgWmsSessionInfoWs"
type="tns:WMS_USER_WS" />
  </xsd:sequence>
</xsd:complexType>
```

**prgWmsSessionInfoWs:** Array of 0 or more WMS\_USER\_WS structures.

### 3.10.4.3 RemoveUser Operation

The **RemoveUser** method requests that the server remove the specified user account.

This operation MUST be authenticated by using Server Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="RemoveUser">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointUserManager/RemoveUser"
```

```

name="IMultiPointUserManager_RemoveUser_InputMessage"
message="tns:IMultiPointUserManager_RemoveUser_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointUserManager/RemoveUserResponse"
name="IMultiPointUserManager_RemoveUser_OutputMessage"
message="tns:IMultiPointUserManager_RemoveUser_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointUserManager_RemoveUser_WmsFaultType_FaultMessage"/>
</wsdl:operation>

```

### 3.10.4.3.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointUserManager_RemoveUser_InputMessage	This message requests that the server remove an existing user account.
IMultiPointUserManager_RemoveUser_OutputMessage	Response message.
IMultiPointUserManager_RemoveUser_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.10.4.3.1.1 IMultiPointUserManager\_RemoveUser\_InputMessage

A **WSDL message** containing the request for the **RemoveUser WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointUserManager/RemoveUser
<wsdl:message name="IMultiPointUserManager_RemoveUser_InputMessage">
  <wsdl:part name="RemoveUser" element="tns:RemoveUser"/>
</wsdl:message>

```

#### 3.10.4.3.1.2 IMultiPointUserManager\_RemoveUser\_OutputMessage

A **WSDL message** containing the response for the **RemoveUser WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointUserManager/RemoveUserResponse
<wsdl:message name="IMultiPointUserManager_RemoveUser_OutputMessage">
  <wsdl:part name="RemoveUserResponse" element="tns:RemoveUserResponse"/>
</wsdl:message>

```

#### 3.10.4.3.1.3 IMultiPointUserManager\_RemoveUser\_WmsFaultType\_FaultMessage

A **WSDL message** containing a fault for the **RemoveUser WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointUserManager_RemoveUser_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>

```

```
</wsdl:message>
```

### 3.10.4.3.2 Elements

The following table summarizes the XML schema element definitions that are specific to this operation.

Element	Description
<RemoveUser>	Input parameters element
<RemoveUserResponse>	Output data element

#### 3.10.4.3.2.1 RemoveUser

```
<xsd:element name="RemoveUser" type="tns:RemoveUserRequestBody"/>
```

#### 3.10.4.3.2.2 RemoveUserResponse

```
<xsd:element name="RemoveUserResponse" type="q1:RemoveUserResponseBody"/>
```

### 3.10.4.3.3 Complex Types

The following table summarizes the **XML Schema** complex type definitions that are specific to this operation.

Complex type	Description
<RemoveUserRequestBody>	XML supplying the input parameters.
<RemoveUserResponseBody>	XML supplying the output parameters.

#### 3.10.4.3.3.1 RemoveUserRequestBody

```
<xsd:complexType name="RemoveUserRequestBody">  
  <xsd:sequence>  
    <xsd:element minOccurs="1" maxOccurs="1" name="wsName" type="xsd:string"/>  
  </xsd:sequence>  
</xsd:complexType>
```

**wsName:** Contains the user account name.

#### 3.10.4.3.3.2 RemoveUserResponseBody

```
<xsd:complexType name="RemoveUserResponseBody"/>
```

### 3.10.4.4 SetUserInfo Operation

The **SetUserInfo** method requests that the server update the information associated with the specified user account.

This operation **MUST** be authenticated by using Server Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="SetUserInfo">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointUserManager/SetUserInfo"
    name="IMultiPointUserManager_SetUserInfo_InputMessage"
    message="tns:IMultiPointUserManager_SetUserInfo_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointUserManager/SetUserInfoResponse"
    name="IMultiPointUserManager_SetUserInfo_OutputMessage"
    message="tns:IMultiPointUserManager_SetUserInfo_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
    name="WmsFaultType"
    message="tns:IMultiPointUserManager_SetUserInfo_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.10.4.4.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointUserManager_SetUserInfo_InputMessage	This message requests that the server change the information associated with the specified user account.
IMultiPointUserManager_SetUserInfo_OutputMessage	Response message.
IMultiPointUserManager_SetUserInfo_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

##### 3.10.4.4.1.1 IMultiPointUserManager\_SetUserInfo\_InputMessage

A **WSDL message** containing the request for the **SetUserInfo WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointUserManager/SetUserInfo
<wsdl:message name="IMultiPointUserManager_SetUserInfo_InputMessage">
  <wsdl:part name="SetUserInfo" element="tns:SetUserInfo"/>
</wsdl:message>
```

##### 3.10.4.4.1.2 IMultiPointUserManager\_SetUserInfo\_OutputMessage

A **WSDL message** containing the response for the **SetUserInfo WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointUserManager/SetUserInfoResponse
<wsdl:message name="IMultiPointUserManager_SetUserInfo_OutputMessage">
  <wsdl:part name="SetUserInfoResponse" element="tns:SetUserInfoResponse"/>
```



```
</wsdl:message>
```

### 3.10.4.4.1.3 IMultiPointUserManager\_SetUserInfo\_WmsFaultType\_FaultMessage

A **WSDL message** containing a fault for the **SetUserInfo WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointUserManager_SetUserInfo_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.10.4.4.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<SetUserInfo>	Input parameters element
<SetUserInfoResponse>	Output data element

#### 3.10.4.4.2.1 SetUserInfo

```
<xsd:element name="SetUserInfo" type="tns:SetUserInfoRequestBody"/>
```

#### 3.10.4.4.2.2 SetUserInfoResponse

```
<xsd:element name="SetUserInfoResponse" type="q1:SetUserInfoResponseBody"/>
```

### 3.10.4.4.3 Complex Types

The following table summarizes the **XML Schema** complex type definitions that are specific to this operation.

Complex type	Description
<SetUserInfoRequestBody>	XML supplying the input parameters
<SetUserInfoResponseBody>	XML supplying the output parameters

#### 3.10.4.4.3.1 SetUserInfoRequestBody

```
<xsd:complexType name="SetUserInfoRequestBody">
  <xsd:sequence>
    <xsd:element minOccurs="1" maxOccurs="1" name="peType" nillable="true"
type="xsd:unsignedInt"/>
  </xsd:sequence>
</xsd:complexType>
```

```

        <xsd:element minOccurs="1" maxOccurs="1" name="wsName" type="xsd:string"/>
        <xsd:element minOccurs="1" maxOccurs="1" name="wsFullName" nillable="true"
type="xsd:string"/>
        <xsd:element minOccurs="1" maxOccurs="1" name="wsPassword" nillable="true"
type="xsd:string"/>
        <xsd:element minOccurs="1" maxOccurs="1" name="wsDescription" nillable="true"
type="xsd:string"/>
    </xsd:sequence>
</xsd:complexType>

```

**peType:** Contains the type of account with the following possible values, as specified in section [3.10.4.2](#):

Value	Meaning
0	Administrator User
1	Standard User
2	MultiPoint Operators Group User

**wsName:** Contains the account name to be modified.

**wsFullName:** Contains the full name of the user.

**wsPassword:** Contains the password to be associated with the account.

**wsDescription:** Contains the description to be associated with the account.

#### 3.10.4.4.3.2 SetUserInfoResponseBody

```

<xsd:complexType name="SetUserInfoResponseBody"/>

```

### 3.10.5 Timer Events

None.

### 3.10.6 Other Local Events

None.

## 4 Protocol Examples

The following examples, in sections [4.1](#) and [4.2](#), show sequences of messages exchanged in various steps within the protocol. All protocol messages are wrapped inside the <soap:Envelope> and <soap:Body> elements. These examples use the following sample values for machine-specific values:

```
Server name: "SampleServer.microsoft.com"
Server Administrator account credentials: Username = "Administrator",
                                           Password = "password"
Server WMSControl credentials: Username = "WMSControl",
                                Password = ">]A /+&
{H|WehDf;w~B3?X?H$4Y&lt;=g#& 5"
Client name: "SampleClient.microsoft.com"
```

### 4.1 Binding Client and Server Example

The following example message sequence shows how the binding step is performed between a client and a server (section [3.4](#)). All requests flow from the client to the server, and all responses flow from the server to the client. This example shows the following three request-response exchanges:

- RequestSslCertificate (section [3.1.4.2](#))
- RequestWmsControlCredentials (section [3.4.4.2](#))
- SetSslCertificate (section [3.4.4.1](#))

```
<!-- Client/Server Binding: RequestSslCertificate() Request -->
<soap:Envelope xmlns:a=http://www.w3.org/2005/08/addressing
               xmlns:soap="http://www.w3.org/2003/05/soap-envelope">
  <soap:Header>
    <a:Action
      soap:mustUnderstand="1">http://MultiPoint/RemoteManagement/IMultiPointCertificateRequest/RequestSslCertificate</a:Action>
    <a:MessageID>urn:uuid:74b910ff-3f29-4c75-a4a5-8f7e9ada093f</a:MessageID>
    <a:To
      soap:mustUnderstand="1">http://SampleServer.microsoft.com:80/MultiPoint/IMultiPointCertificateRequest</a:To>
  </soap:Header>
  <soap:Body>
    <RequestSslCertificate xmlns="http://MultiPoint"/>
  </soap:Body>
</soap:Envelope>

<!-- Client/Server Binding: RequestSslCertificate() Response -->
<soap:Envelope xmlns:a="http://www.w3.org/2005/08/addressing"
               xmlns:soap="http://www.w3.org/2003/05/soap-envelope">
  <soap:Header>
    <a:Action
      soap:mustUnderstand="1">http://MultiPoint/RemoteManagement/IMultiPointCertificateRequest/RequestSslCertificateResponse</a:Action>
    <a:RelatesTo>urn:uuid:74b910ff-3f29-4c75-a4a5-8f7e9ada093f</a:RelatesTo>
  </soap:Header>
  <soap:Body>
    <RequestSslCertificateResponse xmlns="http://MultiPoint">
      <pSslPort>8443</pSslPort>

      <pwsSslCertificateThumbprint>70016EC72C20686AF4CC34488088A82E4D894BC1</pwsSslCertificateThumbprint>
      <ppSslCertificate>
        <prgData>48</prgData>
        <prgData>130</prgData>
      </ppSslCertificate>
    </RequestSslCertificateResponse>
  </soap:Body>
</soap:Envelope>
```

```

        <prgData>3</prgData>
        <prgData>11</prgData>
        <prgData>48</prgData>
        <!--..... -->
        <!--.....ppSslCertificate BLOB TRIMMED..... -->
        <!--..... -->
        <prgData>26</prgData>
        <prgData>93</prgData>
        <prgData>8</prgData>
        <prgData>254</prgData>
        <prgData>255</prgData>
    </ppSslCertificate>
</RequestSslCertificateResponse>
</soap:Body>
</soap:Envelope>

<!-- Client/Server Binding: RequestWmsControlCredentials() Request -->
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope"
xmlns:a="http://www.w3.org/2005/08/addressing" xmlns:u="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">
    <soap:Header>
        <a:Action
soap:mustUnderstand="1">http://MultiPoint/RemoteManagement/IMultiPointCredentialRequest/Reque
stWmsControlCredentials</a:Action>
        <a:MessageID>urn:uuid:cd280096-8400-4a52-81d6-94fe31bcbd65</a:MessageID>
        <a:ReplyTo>
            <a:Address>http://www.w3.org/2005/08/addressing/anonymous</a:Address>
        </a:ReplyTo>
        <a:To
soap:mustUnderstand="1">https://SampleServer.microsoft.com:8443/MultiPoint/IMultiPointCredent
ialRequest</a:To>
            <o:Security soap:mustUnderstand="1" xmlns:o="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd">
                <o:UsernameToken u:Id="uuid-b60d59a5-17c3-461d-bc22-7740bbf28418-149">
                    <o:Username>Administrator</o:Username>
                    <o:Password Type="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-
username-token-profile-1.0#PasswordText">]password</o:Password>
                </o:UsernameToken>
            </o:Security>
        </soap:Header>
        <soap:Body>
            <RequestWmsControlCredentials xmlns="http://MultiPoint"/>
        </soap:Body>
    </soap:Envelope>

<!-- Client/Server Binding: RequestWmsControlCredentials() Response -->
<soap:Envelope xmlns:a="http://www.w3.org/2005/08/addressing"
xmlns:soap="http://www.w3.org/2003/05/soap-envelope">
    <soap:Header>
        <a:Action
soap:mustUnderstand="1">http://MultiPoint/RemoteManagement/IMultiPointCredentialRequest/Reque
stWmsControlCredentials</a:Action>
        <a:RelatesTo>urn:uuid:cd280096-8400-4a52-81d6-94fe31bcbd65</a:RelatesTo>
    </soap:Header>
    <soap:Body>
        <RequestWmsControlCredentialsResponse xmlns="http://MultiPoint">
            <pwsWmsControlPassword>]A
/+&amp;{H|WehDf;w~B3?X?H$4Y&lt;=g#&amp;5</pwsWmsControlPassword>
        </RequestWmsControlCredentialsResponse>
    </soap:Body>
</soap:Envelope>

<!-- Client/Server Binding: SetSslCertificate () Request -->
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope"
xmlns:a="http://www.w3.org/2005/08/addressing" xmlns:u="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">

```

```

    <soap:Header>
      <a:Action
soap:mustUnderstand="1">http://MultiPoint/RemoteManagement/IMultiPointCredentialRequest/SetSslCertificate</a:Action>
        <a:MessageID>urn:uuid:a4864f84-b33e-4f64-8cc0-72092f52bf80</a:MessageID>
        <a:ReplyTo>
          <a:Address>http://www.w3.org/2005/08/addressing/anonymous</a:Address>
        </a:ReplyTo>
        <a:To
soap:mustUnderstand="1">https://SampleServer.microsoft.com:8443/MultiPoint/IMultiPointCredentialRequest</a:To>
          <o:Security soap:mustUnderstand="1" xmlns:o="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd">
            <o:UsernameToken u:Id="uuid-b60d59a5-17c3-461d-bc22-7740bbf28418-149">
              <o:Username>Administrator</o:Username>
              <o:Password Type="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-username-token-profile-1.0#PasswordText">]!!abcl23</o:Password>
            </o:UsernameToken>
          </o:Security>
        </soap:Header>
      <soap:Body>
        <SetSslCertificate xmlns="http://MultiPoint">
          <wsHostName>SampleClient.microsoft.com</wsHostName>
          <SslPort>8443</SslPort>

<wsSslCertificateThumbprint>B421AEF30063F6EC5AD980AF628669625262E07F</wsSslCertificateThumbprint>
          <pSslCertificate>
            <prgData>28</prgData>
            <prgData>230</prgData>
            <prgData>7</prgData>
            <prgData>21</prgData>
            <prgData>38</prgData>
            <!--..... -->
            <!--.....pSslCertificate BLOB TRIMMED..... -->
            <!--..... -->
            <prgData>36</prgData>
            <prgData>83</prgData>
            <prgData>14</prgData>
            <prgData>254</prgData>
            <prgData>255</prgData>
          </pSslCertificate>
        </SetSslCertificate>
      </soap:Body>
    </soap:Envelope>

    <!-- Client/Server Binding: SetSslCertificate() Response -->
    <soap:Envelope xmlns:a="http://www.w3.org/2005/08/addressing"
xmlns:soap="http://www.w3.org/2003/05/soap-envelope">
      <soap:Header>
        <a:Action
soap:mustUnderstand="1">http://MultiPoint/RemoteManagement/IMultiPointCredentialRequest/SetSslCertificateResponse</a:Action>
          <a:RelatesTo>urn:uuid:a4864f84-b33e-4f64-8cc0-72092f52bf80</a:RelatesTo>
        </soap:Header>
      <soap:Body>
        <SetSslCertificateResponse xmlns="http://MultiPoint"/>
      </soap:Body>
    </soap:Envelope>

```

## 4.2 Generic API Call Example

The protocol is a set of APIs that can be called by the client by sending a **SOAP** request to the server and receiving the results (if any) in the SOAP response. All the APIs other than those described in section [4.1](#) require authentication using the user name "WmsControl" and the server's generated

**WmsControl password.** The **GetSessionFlags** method (section [3.7.4.12](#)) is used in the following example:

```
<!-- GetSessionFlags() Request -->
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope"
xmlns:a="http://www.w3.org/2005/08/addressing" xmlns:u="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">
  <soap:Header>
    <a:Action
soap:mustUnderstand="1">http://MultiPoint/RemoteManagement/IMultiPointSession/GetSessionFlags
</a:Action>
    <a:MessageID>urn:uuid:cd280096-8400-4a52-81d6-94fe31bcbd65</a:MessageID>
    <a:ReplyTo>
      <a:Address>http://www.w3.org/2005/08/addressing/anonymous</a:Address>
    </a:ReplyTo>
    <a:To
soap:mustUnderstand="1">https://SampleServer.microsoft.com:8443/MultiPoint/IMultiPointSession
</a:To>
    <o:Security soap:mustUnderstand="1" xmlns:o="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd">
      <o:UsernameToken u:Id="uuid-b60d59a5-17c3-461d-bc22-7740bbf28418-149">
        <o:Username>WmsControl</o:Username>
        <o:Password Type="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-
username-token-profile-1.0#PasswordText">]A
/ + & # { H | WehDf; w ~ B 3 ? X ? H $ 4 Y & lt; ; = g # & # ; 5 < / o : Password >
        </o:UsernameToken>
      </o:Security>
    </soap:Header>
    <soap:Body>
      <GetSessionFlags xmlns="http://MultiPoint">
        <idSession>2</idSession>
      </GetSessionFlags>
    </soap:Body>
  </soap:Envelope>

<!-- GetSessionFlags() Response -->
<soap:Envelope xmlns:a="http://www.w3.org/2005/08/addressing"
xmlns:soap="http://www.w3.org/2003/05/soap-envelope">
  <soap:Header>
    <a:Action
soap:mustUnderstand="1">http://MultiPoint/RemoteManagement/IMultiPointSession/GetSessionFlags
Response</a:Action>
    <a:RelatesTo>urn:uuid:cd280096-8400-4a52-81d6-94fe31bcbd65</a:RelatesTo>
  </soap:Header>
  <soap:Body>
    <GetSessionFlagsResponse xmlns="http://MultiPoint">
      <pfgrSession>1</pfgrSession>
    </GetSessionFlagsResponse>
  </soap:Body>
</soap:Envelope>
```

## 5 Security

### 5.1 Security Considerations for Implementers

The security measures of the protocol vary based on the endpoint in question and the services provided by that endpoint. These security measures can be summarized as follows:

- For the `IMultiPointCertificateRequest` endpoint, which uses the HTTP protocol as its transport, no additional security measures are expected.
- Administrator authentication: For the `IMultiPointCredentialRequest` endpoint, which uses the HTTPS protocol as its transport, it is required that the caller provide user name and password authentication for a user that has **administrator** privileges on the server, to ensure that the server trusts the client before providing its control password.
- Management password authentication: For all other protocol-supported endpoints, the requests are made by using the HTTPS protocol as the transport and by providing the management user name of "WmsManagement" and the **WmsManagement password** obtained from the server using the `IMultiPointCredentialRequest` endpoint. It is the responsibility of the client to ensure that only trusted entities have access to the WmsManagement password because some of the methods allow modification of restricted settings on the server.
- Control password authentication: For all the other protocol-supported endpoints, some of the requests can be made by using the HTTPS protocol as the transport and by providing the control user name of "WmsControl" and the **WmsControl password** obtained from the server using the `IMultiPointCredentialRequest` endpoint.
- Event sink password authentication: For all of the protocol-supported event sink endpoints, the requests are made by using the HTTPS protocol as the transport and by providing the client's host name as the user and providing either the client's WmsManagement password or the client's WmsControl password. The actual password that is required depends on the event sink endpoint that is being called.

### 5.2 Index of Security Parameters

**Shared secrets:** The shared secrets are a pair of server-generated unique passwords that are given to the client during the binding process. The first password, the **WmsManagement password**, along with the user name of "WmsManagement", is used with the HTTPS protocol for the server to authenticate API requests and for the client to authenticate some sensitive event notifications. The second password, the **WmsControl password**, along with the user name of "WmsControl", is used with the HTTPS protocol for the server to authenticate some API requests and for a client to authenticate some event notifications.

**TLS certificate:** This is a pair of **X.509** server identification certificates that are exchanged during the client-server binding process; these certificates are used with the HTTPS protocol to verify the identity of the server or client and to encrypt client-server communications.

## 6 Appendix A: Full WSDL

For ease of implementation, the full WSDL and schema are provided in this appendix.

```
<wsdl:definitions
  xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"
  xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-
1.0.xsd"
  xmlns:wsp="http://schemas.xmlsoap.org/ws/2004/09/policy"
  xmlns:tns="http://MultiPoint"
  xmlns:soap="http://schemas.xmlsoap.org/wsdl/soap/"
  xmlns:soap12="http://schemas.xmlsoap.org/wsdl/soap12/"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/"
  targetNamespace="http://MultiPoint">

  <wsp:Policy wsu:Id="policy">
    <wsp:ExactlyOne>
      <wsp>All>
        <sp:TransportBinding xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
          <wsp:Policy>
            <sp:TransportToken>
              <wsp:Policy>
                <sp:HttpsToken RequireClientCertificate="false" />
              </wsp:Policy>
            </sp:TransportToken>
            <sp:AlgorithmSuite>
              <wsp:Policy>
                <sp:Basic256 />
              </wsp:Policy>
            </sp:AlgorithmSuite>
            <sp:Layout>
              <wsp:Policy>
                <sp:Strict />
              </wsp:Policy>
            </sp:Layout>
            <sp:IncludeTimestamp />
          </wsp:Policy>
        </sp:TransportBinding>
        <sp:SignedSupportingTokens
  xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
          <wsp:Policy>
            <sp:UsernameToken
  sp:IncludeToken="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy/IncludeToken/AlwaysToRe
cipient">
              <wsp:Policy>
                <sp:WssUsernameToken10 />
              </wsp:Policy>
            </sp:UsernameToken>
          </wsp:Policy>
        </sp:SignedSupportingTokens>
        <sp:Wss11 xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
          <wsp:Policy/>
        </sp:Wss11>
      </wsp>All>
    </wsp:ExactlyOne>
  </wsp:Policy>

  <wsdl:types>
    <xsd:schema targetNamespace="http://MultiPoint" elementFormDefault="qualified" >
      <xsd:import namespace="http://schemas.xmlsoap.org/soap/encoding/"
  schemaLocation="http://schemas.xmlsoap.org/soap/encoding/" />
      <xsd:import namespace="http://schemas.xmlsoap.org/wsdl/" />

      <!-- Definition from http://microsoft.com/wsdl/types/ -->
      <xsd:simpleType name="guid">
        <xsd:restriction base="xsd:string">
```



```

        <xsd:pattern value="\{[0-9a-fA-F]{8}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-
[0-9a-fA-F]{12}\}" />
    </xsd:restriction>
</xsd:simpleType>

    <xsd:complexType name="ArrayOfWMS_SESSION_INFO_WS">
        <xsd:sequence>
            <xsd:element minOccurs="0" maxOccurs="unbounded" name="prgWmsSessionInfoWs"
type="tns:WMS_SESSION_INFO_WS" />
        </xsd:sequence>
    </xsd:complexType>

    <xsd:complexType name="ArrayOfWMS_USER_WS">
        <xsd:sequence>
            <xsd:element minOccurs="0" maxOccurs="unbounded" name="prgWmsSessionInfoWs"
type="tns:WMS_USER_WS" />
        </xsd:sequence>
    </xsd:complexType>

    <xsd:complexType name="ArrayOfWMS_RUNNING_APP_WS">
        <xsd:sequence>
            <xsd:element minOccurs="0" maxOccurs="unbounded" name="prgWmsRunningAppWs"
type="tns:WMS_RUNNING_APP_WS" />
        </xsd:sequence>
    </xsd:complexType>

    <xsd:complexType name="ArrayOfBytes">
        <xsd:sequence>
            <xsd:element minOccurs="0" maxOccurs="unbounded" name="prgData"
type="xsd:unsignedByte" />
        </xsd:sequence>
    </xsd:complexType>

    <xsd:complexType name="ArrayOfStrings">
        <xsd:sequence>
            <xsd:element minOccurs="0" maxOccurs="unbounded" name="prgData" type="xsd:string"
/>
        </xsd:sequence>
    </xsd:complexType>

    <xsd:complexType name="WMS_SESSION_INFO_WS">
        <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="id" type="xsd:unsignedLong" />
            <xsd:element minOccurs="1" maxOccurs="1" name="state" type="xsd:unsignedInt" />
            <xsd:element minOccurs="1" maxOccurs="1" name="wsUserName" type="xsd:string" />
            <xsd:element minOccurs="1" maxOccurs="1" name="wsDomain" type="xsd:string" />
            <xsd:element minOccurs="1" maxOccurs="1" name="wsWinStation" type="xsd:string" />
            <xsd:element minOccurs="1" maxOccurs="1" name="fIsRail" type="xsd:boolean" />
        </xsd:sequence>
    </xsd:complexType>

    <xsd:complexType name="WMS_USER_WS">
        <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="wsName" type="xsd:string" />
            <xsd:element minOccurs="1" maxOccurs="1" name="wsFullName" type="xsd:string" />
            <xsd:element minOccurs="1" maxOccurs="1" name="wsDescription" type="xsd:string" />
            <xsd:element minOccurs="1" maxOccurs="1" name="UserType" type="xsd:unsignedInt" />
        </xsd:sequence>
    </xsd:complexType>

    <xsd:complexType name="WMS_RUNNING_APP_WS">
        <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="wsName" type="xsd:string" />
            <xsd:element minOccurs="1" maxOccurs="1" name="ProcessId" type="xsd:unsignedInt" />
            <xsd:element minOccurs="1" maxOccurs="1" name="WindowId" type="xsd:unsignedInt" />
            <xsd:element minOccurs="1" maxOccurs="1" name="CreateTime" type="xsd:unsignedLong"
/>
        </xsd:sequence>
    </xsd:complexType>

```

```

<xsd:element name="WmsFaultType">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="hr" type="xsd:unsignedInt" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>

<!-- IMultiPointCertificateRequest -->

<!-- GetProtocolVersion ([out] DWORD *pProtocolVersion) -->
<xsd:element name="GetProtocolVersion">
  <xsd:complexType/>
</xsd:element>
<xsd:element name="GetProtocolVersionResponse">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="pProtocolVersion"
type="xsd:unsignedInt" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>

  <!-- RequestSslCertificate ([out] DWORD *pSslPort, [out] BSTR
*pbstrSslCertificateThumbprint [out] BYTE **ppSslCertificate) -->
  <xsd:element name="RequestSslCertificate">
    <xsd:complexType/>
  </xsd:element>
  <xsd:element name="RequestSslCertificateResponse">
    <xsd:complexType>
      <xsd:sequence>
        <xsd:element minOccurs="1" maxOccurs="1" name="pSslPort" type="xsd:unsignedInt"
/>
        <xsd:element minOccurs="1" maxOccurs="1" name="pwsSslCertificateThumbprint"
type="xsd:string" />
        <xsd:element minOccurs="1" maxOccurs="1" name="ppSslCertificate"
type="tns:ArrayOfBytes" />
      </xsd:sequence>
    </xsd:complexType>
  </xsd:element>

  <!-- IMultiPointCredentialRequest -->

  <!-- SetSslCertificate ([in] BSTR bstrHostName, [in] DWORD SslPort, [in] BSTR
bstrSslCertificateThumbprint, [in] BYTE *pSslCertificate) -->
  <xsd:element name="SetSslCertificate">
    <xsd:complexType>
      <xsd:sequence>
        <xsd:element minOccurs="1" maxOccurs="1" name="wsHostName" type="xsd:string" />
        <xsd:element minOccurs="1" maxOccurs="1" name="SslPort" type="xsd:unsignedInt" />
        <xsd:element minOccurs="1" maxOccurs="1" name="wsSslCertificateThumbprint"
type="xsd:string" />
        <xsd:element minOccurs="1" maxOccurs="1" name="pSslCertificate"
type="tns:ArrayOfBytes" />
      </xsd:sequence>
    </xsd:complexType>
  </xsd:element>
  <xsd:element name="SetSslCertificateResponse">
    <xsd:complexType/>
  </xsd:element>

  <!-- RequestWmsControlCredentials ([out] BSTR *pbstrWmsControlPassword) -->
  <xsd:element name="RequestWmsControlCredentials">
    <xsd:complexType/>
  </xsd:element>
  <xsd:element name="RequestWmsControlCredentialsResponse">
    <xsd:complexType>
      <xsd:sequence>

```

```

        <xsd:element minOccurs="1" maxOccurs="1" name="pwsWmsControlPassword"
type="xsd:string" />
        <xsd:element minOccurs="1" maxOccurs="1" name="pwsWmsManagementPassword"
type="xsd:string" />
    </xsd:sequence>
</xsd:complexType>
</xsd:element>

<!-- IMultiPointSystemOnlineEventSink -->
<!-- OnManagedServerOfflineNotify([in] WS_STRING wsWmsSystemHostName) -->
<xsd:element name="OnManagedServerOfflineNotify">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="wsWmsSystemHostName"
type="xsd:string" />
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>
<xsd:element name="OnManagedServerOfflineNotifyResponse">
    <xsd:complexType/>
</xsd:element>

<!-- OnManagedServerOnlineNotify([in] WS_STRING wsWmsSystemHostName, [in] WS_STRING
wsWmsSystemIpAddress) -->
<xsd:element name="OnManagedServerOnlineNotify">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="wsWmsSystemHostName"
type="xsd:string" />
            <xsd:element minOccurs="1" maxOccurs="1" name="wsWmsSystemIpAddress"
type="xsd:string" />
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>
<xsd:element name="OnManagedServerOnlineNotifyResponse">
    <xsd:complexType/>
</xsd:element>

<!-- OnNewServerCertificateReady ([in] BSTR bstrHostName, [in] BYTE *pSslCertificate) -
->
<xsd:element name="OnNewServerCertificateReady">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="wsHostName" type="xsd:string" />
            <xsd:element minOccurs="1" maxOccurs="1" name="pSslCertificate"
type="tns:ArrayOfBytes" />
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>
<xsd:element name="OnNewServerCertificateReadyResponse">
    <xsd:complexType/>
</xsd:element>

<!-- IMultiPointServer -->

<!-- EnumerateUsers (_Out_ unsigned int* pcWmsUsersWs,
Outptr result buffer (*pcWmsUsersWs) WMS_USER WS** pprgWmsUsersWs) -->
<xsd:element name="EnumerateUsers">
    <xsd:complexType/>
</xsd:element>
<xsd:element name="EnumerateUsersResponse">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="pprgWmsUsersWs"
type="tns:ArrayOfWMS_USER_WS" />
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>

```

```

    <!-- GetAllSessions ([out] int * pcSessionInfo, [out, size_is(*pcSessionInfo)]
WMS_SESSION_INFO ** pprgWmsSessionInfo) -->
    <xsd:element name="GetAllSessions">
        <xsd:complexType/>
    </xsd:element>
    <xsd:element name="GetAllSessionsResponse">
        <xsd:complexType>
            <xsd:sequence>
                <xsd:element minOccurs="1" maxOccurs="1" name="pcSessionInfo" type="xsd:int" />
                <xsd:element minOccurs="1" maxOccurs="1" name="pprgWmsSessionInfoWs"
type="tns:ArrayOfWMS_SESSION_INFO_WS" />
            </xsd:sequence>
        </xsd:complexType>
    </xsd:element>

    <!-- GetClientVersion (_Out_ WS_STRING* pwsVersion) -->
    <xsd:element name="GetClientVersion">
        <xsd:complexType/>
    </xsd:element>
    <xsd:element name="GetClientVersionResponse">
        <xsd:complexType>
            <xsd:sequence>
                <xsd:element minOccurs="0" maxOccurs="1" name="pwsVersion" type="xsd:string" />
            </xsd:sequence>
        </xsd:complexType>
    </xsd:element>

    <!-- GetServerVersion (_Out_ WS_STRING* pwsVersion) -->
    <xsd:element name="GetServerVersion">
        <xsd:complexType/>
    </xsd:element>
    <xsd:element name="GetServerVersionResponse">
        <xsd:complexType>
            <xsd:sequence>
                <xsd:element minOccurs="0" maxOccurs="1" name="pwsVersion" type="xsd:string" />
            </xsd:sequence>
        </xsd:complexType>
    </xsd:element>

    <!-- GetPeerWmsServerList ([out] VARIANT * pIpAddressList, [out, retval] VARIANT *
pServerList) -->
    <xsd:element name="GetPeerWmsServerList">
        <xsd:complexType/>
    </xsd:element>
    <xsd:element name="GetPeerWmsServerListResponse">
        <xsd:complexType>
            <xsd:sequence>
                <xsd:element minOccurs="0" maxOccurs="1" name="prgwsIpAddressList"
type="tns:ArrayOfStrings" />
                <xsd:element minOccurs="0" maxOccurs="1" name="prgwsServerList"
type="tns:ArrayOfStrings" />
            </xsd:sequence>
        </xsd:complexType>
    </xsd:element>

    <!-- GetPeerWmsConnectorList ([out] VARIANT * pIpAddressList, [out, retval] VARIANT *
pConnectorList) -->
    <xsd:element name="GetPeerWmsConnectorList">
        <xsd:complexType/>
    </xsd:element>
    <xsd:element name="GetPeerWmsConnectorListResponse">
        <xsd:complexType>
            <xsd:sequence>
                <xsd:element minOccurs="0" maxOccurs="1" name="prgwsIpAddressList"
type="tns:ArrayOfStrings" />
                <xsd:element minOccurs="0" maxOccurs="1" name="prgwsConnectorList"
type="tns:ArrayOfStrings" />
            </xsd:sequence>
        </xsd:complexType>
    </xsd:element>

```

```

</xsd:element>

<!-- GetSystemAlertStatus ([in] ESystemAlertType eType, [out] EAlertSeverity*
peSeverity, [out, retval] EAlertStatus* peStatus) -->
<xsd:element name="GetSystemAlertStatus">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="eType" type="xsd:unsignedInt" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="GetSystemAlertStatusResponse">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="0" maxOccurs="1" name="peSeverity" type="xsd:unsignedInt" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>

<!-- GetSystemMode ([out, retval] EWmsMode *peType) -->
<xsd:element name="GetSystemMode">
  <xsd:complexType/>
</xsd:element>
<xsd:element name="GetSystemModeResponse">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="0" maxOccurs="1" name="peType" type="xsd:unsignedInt" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>

<!-- GetVirtualMachineIpAddress ([in] BSTR bstrVirtualMachineHostName, [out,retval]
BSTR *pbstrVirtualMachineIpAddress) -->
<xsd:element name="GetVirtualMachineIpAddress">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="bstrVirtualMachineHostName"
type="xsd:string" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="GetVirtualMachineIpAddressResponse">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="0" maxOccurs="1" name="pbstrVirtualMachineIpAddress"
type="xsd:string" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>

<!-- OnboardVirtualDesktop ([in] BSTR bstrVirtualMachineId, [in] BSTR bstrRemoteFqdn,
[out] DWORD *pSslPort, [out] BSTR *pbstrSslCertificateThumbprint, [out] BYTE
**ppSslCertificate, [out, retval] BSTR *pbstrWmsControlPassword) -->
<xsd:element name="OnboardVirtualDesktop">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="wsVirtualMachineId"
type="xsd:string" />
      <xsd:element minOccurs="1" maxOccurs="1" name="wsRemoteFqdn" type="xsd:string" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="OnboardVirtualDesktopResponse">
  <xsd:complexType>
    <xsd:sequence>

```

```

        <xsd:element minOccurs="1" maxOccurs="1" name="pSslPort" type="xsd:unsignedInt"
/>
        <xsd:element minOccurs="1" maxOccurs="1" name="pwsSslCertificateThumbprint"
type="xsd:string" />
        <xsd:element minOccurs="1" maxOccurs="1" name="ppSslCertificate"
type="tns:ArrayOfBytes" />
        <xsd:element minOccurs="1" maxOccurs="1" name="pwsWmsControlPassword"
type="xsd:string" />
        <xsd:element minOccurs="1" maxOccurs="1" name="pwsWmsManagementPassword"
type="xsd:string" />
    </xsd:sequence>
</xsd:complexType>
</xsd:element>

<!-- Reboot (void) -->
<xsd:element name="Reboot">
    <xsd:complexType/>
</xsd:element>
<xsd:element name="RebootResponse">
    <xsd:complexType/>
</xsd:element>

<!-- RegisterChatEventSink ([in] BSTR bstrUriSinkEndpoint, [in] BSTR bstrServerName,
[in] DWORD idSession, [in] BSTR bstrTeacherName, [out, retval] ULONGLONG* pullCookie) -->
<xsd:element name="RegisterChatEventSink">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="bstrUriSinkEndpoint"
type="xsd:string" />
            <xsd:element minOccurs="1" maxOccurs="1" name="bstrServerName" type="xsd:string"
/>
            <xsd:element minOccurs="1" maxOccurs="1" name="idSession" type="xsd:unsignedInt"
/>
            <xsd:element minOccurs="1" maxOccurs="1" name="bstrTeacherName" type="xsd:string"
/>
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>
<xsd:element name="RegisterChatEventSinkResponse">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="0" maxOccurs="1" name="pullCookie"
type="xsd:unsignedLong" />
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>

<!-- RegisterCoreEventSink ([in] BSTR bstrUriSinkEndpoint, [out, retval] ULONGLONG*
pullCookie) -->
<xsd:element name="RegisterCoreEventSink">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="bstrUriSinkEndpoint"
type="xsd:string" />
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>
<xsd:element name="RegisterCoreEventSinkResponse">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="0" maxOccurs="1" name="pullCookie"
type="xsd:unsignedLong" />
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>

<!-- Shutdown (void) -->
<xsd:element name="Shutdown">
    <xsd:complexType/>

```

```

</xsd:element>
<xsd:element name="ShutdownResponse">
  <xsd:complexType/>
</xsd:element>

<!-- UnregisterChatEventSink ([in] ULONGLONG ullCookie) -->
<xsd:element name="UnregisterChatEventSink">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="ullCookie" type="xsd:unsignedLong"
/>
      </xsd:sequence>
    </xsd:complexType>
  </xsd:element>
<xsd:element name="UnregisterChatEventSinkResponse">
  <xsd:complexType/>
</xsd:element>

<!-- UnregisterCoreEventSink ([in] ULONGLONG ullCookie) -->
<xsd:element name="UnregisterCoreEventSink">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="ullCookie" type="xsd:unsignedLong"
/>
      </xsd:sequence>
    </xsd:complexType>
  </xsd:element>
<xsd:element name="UnregisterCoreEventSinkResponse">
  <xsd:complexType/>
</xsd:element>

<xsd:element name="AddUser">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="wsName" type="xsd:string" />
      <xsd:element minOccurs="1" maxOccurs="1" name="wsPassword" nillable="true"
type="xsd:string" />
      <xsd:element minOccurs="1" maxOccurs="1" name="eType" type="xsd:unsignedInt" />
      <xsd:element minOccurs="1" maxOccurs="1" name="wsFullName" nillable="true"
type="xsd:string" />
      <xsd:element minOccurs="1" maxOccurs="1" name="wsDescription" nillable="true"
type="xsd:string" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="AddUserResponse">
  <xsd:complexType/>
</xsd:element>

<xsd:element name="EnableChat">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="fEnable" type="xsd:boolean" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="EnableChatResponse">
  <xsd:complexType/>
</xsd:element>

<xsd:element name="GetLicenseCount">
  <xsd:complexType/>
</xsd:element>
<xsd:element name="GetLicenseCountResponse">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="pcLicenses" type="xsd:unsignedInt"
/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>

```

```

    </xsd:complexType>
  </xsd:element>

  <xsd:element name="GetManagedSystemsType">
    <xsd:complexType/>
  </xsd:element>
  <xsd:element name="GetManagedSystemsTypeResponse">
    <xsd:complexType>
      <xsd:sequence>
        <xsd:element minOccurs="1" maxOccurs="1" name="peWmsRemoteManagementHostType"
type="xsd:unsignedInt" />
      </xsd:sequence>
    </xsd:complexType>
  </xsd:element>

  <xsd:element name="GetNetJoinStatus">
    <xsd:complexType/>
  </xsd:element>
  <xsd:element name="GetNetJoinStatusResponse">
    <xsd:complexType>
      <xsd:sequence>
        <xsd:element minOccurs="1" maxOccurs="1" name="peNetJoinStatus"
type="xsd:unsignedInt" />
        <xsd:element minOccurs="1" maxOccurs="1" name="pwsDomainName" type="xsd:string"
/>
      </xsd:sequence>
    </xsd:complexType>
  </xsd:element>

  <xsd:element name="GetVirtualMachineHostname">
    <xsd:complexType/>
  </xsd:element>
  <xsd:element name="GetVirtualMachineHostnameResponse">
    <xsd:complexType>
      <xsd:sequence>
        <xsd:element minOccurs="1" maxOccurs="1" name="pwsVirtualMachineHostname"
type="xsd:string" />
      </xsd:sequence>
    </xsd:complexType>
  </xsd:element>

  <xsd:element name="GetWmsWebLimiting">
    <xsd:complexType/>
  </xsd:element>
  <xsd:element name="GetWmsWebLimitingResponse">
    <xsd:complexType>
      <xsd:sequence>
        <xsd:element minOccurs="1" maxOccurs="1" name="pfIsInLimiting" type="xsd:boolean"
/>
        <xsd:element minOccurs="1" maxOccurs="1" name="pfIsAllowList" type="xsd:boolean"
/>
        <xsd:element minOccurs="1" maxOccurs="1" name="pwsAllowList" type="xsd:string" />
        <xsd:element minOccurs="1" maxOccurs="1" name="pwsBlockList" type="xsd:string" />
      </xsd:sequence>
    </xsd:complexType>
  </xsd:element>

  <xsd:element name="IsBootToConsoleMode">
    <xsd:complexType/>
  </xsd:element>
  <xsd:element name="IsBootToConsoleModeResponse">
    <xsd:complexType>
      <xsd:sequence>
        <xsd:element minOccurs="1" maxOccurs="1" name="pfBootToConsoleMode"
type="xsd:boolean" />
      </xsd:sequence>
    </xsd:complexType>
  </xsd:element>

```



```

<xsd:element name="IsAdminOrchestrationMode">
  <xsd:complexType/>
</xsd:element>
<xsd:element name="IsAdminOrchestrationModeResponse">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="pfAdminOrchestrationMode"
type="xsd:boolean" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>

<xsd:element name="IsChatEnabled">
  <xsd:complexType/>
</xsd:element>
<xsd:element name="IsChatEnabledResponse">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="pfEnabled" type="xsd:boolean" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>

<xsd:element name="IsDesktopMonitoringAllowed">
  <xsd:complexType/>
</xsd:element>
<xsd:element name="IsDesktopMonitoringAllowedResponse">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="pfDesktopMonitoringAllowed"
type="xsd:boolean" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>

<xsd:element name="IsHypervisorPresent">
  <xsd:complexType/>
</xsd:element>
<xsd:element name="IsHypervisorPresentResponse">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="pfHypervisorPresent"
type="xsd:boolean" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>

<xsd:element name="IsSingleSessionPerUser">
  <xsd:complexType/>
</xsd:element>
<xsd:element name="IsSingleSessionPerUserResponse">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="pfSingleSessionPerUser"
type="xsd:boolean" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>

<xsd:element name="IsSuppressPrivacyNotificationSet">
  <xsd:complexType/>
</xsd:element>
<xsd:element name="IsSuppressPrivacyNotificationSetResponse">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="pfSuppressPrivacyNotificationSet"
type="xsd:boolean" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>

```

```

</xsd:element>

<xsd:element name="IsVirtualIpPerSessionEnabled">
  <xsd:complexType/>
</xsd:element>
<xsd:element name="IsVirtualIpPerSessionEnabledResponse">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="pfEnabled" type="xsd:boolean" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>

<xsd:element name="LoadWindowsEdition">
  <xsd:complexType/>
</xsd:element>
<xsd:element name="LoadWindowsEditionResponse">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="pwsWindowsEdition"
type="xsd:string" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>

<xsd:element name="RemoveUser">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="wsName" type="xsd:string" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="RemoveUserResponse">
  <xsd:complexType/>
</xsd:element>

<xsd:element name="SetBlockAllMessage">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="wsMessage" nillable="true"
type="xsd:string" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="SetBlockAllMessageResponse">
  <xsd:complexType/>
</xsd:element>

<xsd:element name="SetBootToConsoleMode">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="fEnable" type="xsd:boolean" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="SetBootToConsoleModeResponse">
  <xsd:complexType/>
</xsd:element>

<xsd:element name="SetAdminOrchestrationMode">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="fEnable" type="xsd:boolean" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="SetAdminOrchestrationModeResponse">
  <xsd:complexType/>
</xsd:element>

```

```

<xsd:element name="SetSuppressPrivacyNotification">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="fEnable" type="xsd:boolean" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="SetSuppressPrivacyNotificationResponse">
  <xsd:complexType/>
</xsd:element>

<xsd:element name="SetUserInfo">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="peType" nillable="true"
type="xsd:unsignedInt" />
      <xsd:element minOccurs="1" maxOccurs="1" name="wsName" type="xsd:string" />
      <xsd:element minOccurs="1" maxOccurs="1" name="wsFullName" nillable="true"
type="xsd:string" />
      <xsd:element minOccurs="1" maxOccurs="1" name="wsPassword" nillable="true"
type="xsd:string" />
      <xsd:element minOccurs="1" maxOccurs="1" name="wsDescription" nillable="true"
type="xsd:string" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="SetUserInfoResponse">
  <xsd:complexType/>
</xsd:element>

<xsd:element name="ValidateAutoLogonAccount">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="wsDomain" type="xsd:string" />
      <xsd:element minOccurs="1" maxOccurs="1" name="wsUserName" type="xsd:string" />
      <xsd:element minOccurs="1" maxOccurs="1" name="wsPassword" type="xsd:string" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="ValidateAutoLogonAccountResponse">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="eAccountStatus"
type="xsd:unsignedInt" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>

<xsd:element name="EnableVirtualIpPerSession">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="fEnable" type="xsd:boolean" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="EnableVirtualIpPerSessionResponse">
  <xsd:complexType/>
</xsd:element>

<xsd:element name="SetDesktopMonitoring">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="fEnable" type="xsd:boolean" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="SetDesktopMonitoringResponse">
  <xsd:complexType/>
</xsd:element>

```

```

</xsd:element>

<xsd:element name="SetSingleSessionPerUser">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="fEnable" type="xsd:boolean" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="SetSingleSessionPerUserResponse">
  <xsd:complexType/>
</xsd:element>

<!-- GetReplacementSslCertificate ([out] BYTE **ppNewSslServerCert) -->
<xsd:element name="GetReplacementSslCertificate">
  <xsd:complexType/>
</xsd:element>
<xsd:element name="GetReplacementSslCertificateResponse">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="ppSslCertificate"
type="tns:ArrayOfBytes" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>

<!-- SetReplacementSslCertificate ([in] BSTR wsFqdnManagingServer, [in] BYTE
*pNewSslServerCert) -->
<xsd:element name="SetReplacementSslCertificate">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="wsFqdnManagingServer"
type="xsd:string" />
      <xsd:element minOccurs="1" maxOccurs="1" name="pSslCertificate"
type="tns:ArrayOfBytes" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="SetReplacementSslCertificateResponse">
  <xsd:complexType/>
</xsd:element>

<xsd:element name="GetUseHardwareGpu">
  <xsd:complexType/>
</xsd:element>
<xsd:element name="GetUseHardwareGpuResponse">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="pfUseHardwareGpu"
type="xsd:boolean" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>

<xsd:element name="SetUseHardwareGpu">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="fUseHardwareGpu"
type="xsd:boolean" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="SetUseHardwareGpuResponse">
  <xsd:complexType/>
</xsd:element>

<!-- IMultiPointStation -->

```

```

    <!-- GetNextStationIdentifier ([in] DWORD idStation, [out, retval] DWORD*
pidNextStation) -->
    <xsd:element name="GetNextStationIdentifier">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element minOccurs="1" maxOccurs="1" name="idStation" type="xsd:unsignedInt"
/>
          </xsd:sequence>
        </xsd:complexType>
      </xsd:element>
    <xsd:element name="GetNextStationIdentifierResponse">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element minOccurs="0" maxOccurs="1" name="pidNextStation"
type="xsd:unsignedInt" />
          </xsd:sequence>
        </xsd:complexType>
      </xsd:element>

    <!-- GetStationAlertStatus ([in] DWORD idStation, [in] EStationAlertType eType, [out]
EAlertSeverity* peSeverity, [out, retval] EAlertStatus* peStatus) -->
    <xsd:element name="GetStationAlertStatus">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element minOccurs="1" maxOccurs="1" name="idStation" type="xsd:unsignedInt"
/>
          <xsd:element minOccurs="1" maxOccurs="1" name="eType" type="xsd:unsignedInt" />
          </xsd:sequence>
        </xsd:complexType>
      </xsd:element>
    <xsd:element name="GetStationAlertStatusResponse">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element minOccurs="0" maxOccurs="1" name="peSeverity" type="xsd:unsignedInt"
/>
          <xsd:element minOccurs="0" maxOccurs="1" name="peStatus" type="xsd:unsignedInt"
/>
          </xsd:sequence>
        </xsd:complexType>
      </xsd:element>

    <!-- GetStationAutoLogonInformation ([in] DWORD idStation, [out]
EAutoLogonConfiguration* peConfiguration, [out] BSTR* pbstrUserName, [out] BSTR* pbstrDomain)
-->
    <xsd:element name="GetStationAutoLogonInformation">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element minOccurs="1" maxOccurs="1" name="idStation" type="xsd:unsignedInt"
/>
          </xsd:sequence>
        </xsd:complexType>
      </xsd:element>
    <xsd:element name="GetStationAutoLogonInformationResponse">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element minOccurs="0" maxOccurs="1" name="peConfiguration"
type="xsd:unsignedInt" />
          <xsd:element minOccurs="0" maxOccurs="1" name="pbstrUserName" type="xsd:string"
/>
          <xsd:element minOccurs="0" maxOccurs="1" name="pbstrDomain" type="xsd:string" />
          </xsd:sequence>
        </xsd:complexType>
      </xsd:element>

    <!-- GetStationDeviceInformation ([in] DWORD idStation, [in] EDeviceType eType, [out,
retval] DWORD* pdwDeviceCount) -->
    <xsd:element name="GetStationDeviceInformation">
      <xsd:complexType>
        <xsd:sequence>

```

```

        <xsd:element minOccurs="1" maxOccurs="1" name="idStation" type="xsd:unsignedInt"
/>
        <xsd:element minOccurs="1" maxOccurs="1" name="eType" type="xsd:unsignedInt" />
    </xsd:sequence>
</xsd:complexType>
</xsd:element>
<xsd:element name="GetStationDeviceInformationResponse">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="0" maxOccurs="1" name="pdwDeviceCount"
type="xsd:unsignedInt" />
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>

    <!-- GetStationFriendlyName ([in] DWORD idStation, [out, retval] BSTR*
pbstrFriendlyName) -->
    <xsd:element name="GetStationFriendlyName">
        <xsd:complexType>
            <xsd:sequence>
                <xsd:element minOccurs="1" maxOccurs="1" name="idStation" type="xsd:unsignedInt"
/>
            </xsd:sequence>
        </xsd:complexType>
    </xsd:element>
    <xsd:element name="GetStationFriendlyNameResponse">
        <xsd:complexType>
            <xsd:sequence>
                <xsd:element minOccurs="0" maxOccurs="1" name="pwsFriendlyName" type="xsd:string"
/>
            </xsd:sequence>
        </xsd:complexType>
    </xsd:element>

    <!-- GetStationInformation ([in] DWORD idStation, [out] DWORD* pidSession, [out] BSTR *
pbstrSessionHost, [out] BSTR * pbstrVirtualMachineId, [out] EIdentifyStationState*
peIdentifyStationState, [out, retval] EStationState* peState) -->
    <xsd:element name="GetStationInformation">
        <xsd:complexType>
            <xsd:sequence>
                <xsd:element minOccurs="1" maxOccurs="1" name="idStation" type="xsd:unsignedInt"
/>
            </xsd:sequence>
        </xsd:complexType>
    </xsd:element>
    <xsd:element name="GetStationInformationResponse">
        <xsd:complexType>
            <xsd:sequence>
                <xsd:element minOccurs="0" maxOccurs="1" name="pidSession" type="xsd:unsignedInt"
/>
                <xsd:element minOccurs="0" maxOccurs="1" name="pwsSessionHost" type="xsd:string"
/>
                <xsd:element minOccurs="0" maxOccurs="1" name="pwsVirtualMachineId"
type="xsd:string" />
                <xsd:element minOccurs="0" maxOccurs="1" name="peIdentifyStationState"
type="xsd:unsignedInt" />
                <xsd:element minOccurs="0" maxOccurs="1" name="peState" type="xsd:unsignedInt" />
            </xsd:sequence>
        </xsd:complexType>
    </xsd:element>

    <!-- GetStationServerName ([in] DWORD idStation, [out] BSTR *pbstrServerName, [out,
retval] BSTR *pbstrVirtualMachineName) -->
    <xsd:element name="GetStationServerName">
        <xsd:complexType>
            <xsd:sequence>
                <xsd:element minOccurs="1" maxOccurs="1" name="idStation" type="xsd:unsignedInt"
/>
            </xsd:sequence>
        </xsd:complexType>
    </xsd:element>

```

```

        </xsd:complexType>
    </xsd:element>
    <xsd:element name="GetStationServerNameResponse">
        <xsd:complexType>
            <xsd:sequence>
                <xsd:element minOccurs="0" maxOccurs="1" name="pwsServerName" type="xsd:string"
/>
                <xsd:element minOccurs="0" maxOccurs="1" name="pwsVirtualMachineName"
type="xsd:string" />
            </xsd:sequence>
        </xsd:complexType>
    </xsd:element>

    <!-- GetStationSplitScreenInformation ([in] DWORD idStation, [out] DWORD*
pidPrimaryStation, [out] DWORD* pidxSplitScreen, [out, retval] ESplitScreenState*
peSplitScreenState) -->
    <xsd:element name="GetStationSplitScreenInformation">
        <xsd:complexType>
            <xsd:sequence>
                <xsd:element minOccurs="1" maxOccurs="1" name="idStation" type="xsd:unsignedInt"
/>
            </xsd:sequence>
        </xsd:complexType>
    </xsd:element>
    <xsd:element name="GetStationSplitScreenInformationResponse">
        <xsd:complexType>
            <xsd:sequence>
                <xsd:element minOccurs="0" maxOccurs="1" name="pidPrimaryStation"
type="xsd:unsignedInt" />
                <xsd:element minOccurs="0" maxOccurs="1" name="pidxSplitScreen"
type="xsd:unsignedInt" />
                <xsd:element minOccurs="0" maxOccurs="1" name="peSplitScreenState"
type="xsd:unsignedInt" />
            </xsd:sequence>
        </xsd:complexType>
    </xsd:element>

    <!-- IdentifyStation ([in] DWORD idStation, [in] BSTR bstrStationName, [in] BSTR
bstrStationHost, [in] BSTR bstrSessionHost, [in] EIdentifyStationAction eAction) -->
    <xsd:element name="IdentifyStation">
        <xsd:complexType>
            <xsd:sequence>
                <xsd:element minOccurs="1" maxOccurs="1" name="idStation" type="xsd:unsignedInt"
/>
                <xsd:element minOccurs="1" maxOccurs="1" name="wsStationName" type="xsd:string"
/>
                <xsd:element minOccurs="1" maxOccurs="1" name="wsStationHost" type="xsd:string"
/>
                <xsd:element minOccurs="1" maxOccurs="1" name="wsSessionHost" type="xsd:string"
/>
                <xsd:element minOccurs="1" maxOccurs="1" name="eAction" type="xsd:unsignedInt" />
            </xsd:sequence>
        </xsd:complexType>
    </xsd:element>
    <xsd:element name="IdentifyStationResponse">
        <xsd:complexType/>
    </xsd:element>

    <!-- RefreshStation ([in] DWORD idStation) -->
    <xsd:element name="RefreshStation">
        <xsd:complexType>
            <xsd:sequence>
                <xsd:element minOccurs="1" maxOccurs="1" name="idStation" type="xsd:unsignedInt"
/>
            </xsd:sequence>
        </xsd:complexType>
    </xsd:element>
    <xsd:element name="RefreshStationResponse">
        <xsd:complexType/>
    </xsd:element>

```

```

</xsd:element>
<!-- RemapStations (void) -->
<xsd:element name="RemapStations">
  <xsd:complexType/>
</xsd:element>
<xsd:element name="RemapStationsResponse">
  <xsd:complexType/>
</xsd:element>
<!-- BlockUsbStorageDevicesAllStations (void) -->
<xsd:element name="BlockUsbStorageDevicesAllStations">
  <xsd:complexType/>
</xsd:element>
<xsd:element name="BlockUsbStorageDevicesAllStationsResponse">
  <xsd:complexType/>
</xsd:element>
<!-- UnblockUsbStorageDevicesAllStations (void) -->
<xsd:element name="UnblockUsbStorageDevicesAllStations">
  <xsd:complexType/>
</xsd:element>
<xsd:element name="UnblockUsbStorageDevicesAllStationsResponse">
  <xsd:complexType/>
</xsd:element>
<!-- BlockUsbStorageDevices ([in] DWORD idStation) -->
<xsd:element name="BlockUsbStorageDevices">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="idStation" type="xsd:unsignedInt"
/>
      </xsd:sequence>
    </xsd:complexType>
  </xsd:element>
<xsd:element name="BlockUsbStorageDevicesResponse">
  <xsd:complexType/>
</xsd:element>

<!-- UnblockUsbStorageDevices ([in] DWORD idStation) -->
<xsd:element name="UnblockUsbStorageDevices">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="idStation" type="xsd:unsignedInt"
/>
      </xsd:sequence>
    </xsd:complexType>
  </xsd:element>
<xsd:element name="UnblockUsbStorageDevicesResponse">
  <xsd:complexType/>
</xsd:element>

<!-- IsUsbStorageDeviceBlocked ([in] DWORD idStation, [out] EUsbStorageDeviceBlocking
*peUsbStorageDeviceBlocked) -->
<xsd:element name="IsUsbStorageDeviceBlocked">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="idStation" type="xsd:unsignedInt"
/>
      </xsd:sequence>
    </xsd:complexType>
  </xsd:element>
<xsd:element name="IsUsbStorageDeviceBlockedResponse">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="peUsbStorageDeviceBlocked"
type="xsd:unsignedInt" />
      </xsd:sequence>
    </xsd:complexType>
  </xsd:element>

<!-- SetStationAutoLogon ([in] DWORD idStation, [in] EAutoLogonConfiguration
eConfiguration, [in] BSTR bstrUser, [in] BSTR bstrDomain, [in] BSTR bstrPassword) -->

```



```

    <xsd:element name="SetStationAutoLogon">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element minOccurs="1" maxOccurs="1" name="idStation" type="xsd:unsignedInt"
/>
          <xsd:element minOccurs="1" maxOccurs="1" name="eConfiguration"
type="xsd:unsignedInt" />
          <xsd:element minOccurs="1" maxOccurs="1" name="wsUser" nillable="true"
type="xsd:string" />
          <xsd:element minOccurs="1" maxOccurs="1" name="wsDomain" nillable="true"
type="xsd:string" />
          <xsd:element minOccurs="1" maxOccurs="1" name="wsPassword" nillable="true"
type="xsd:string" />
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="SetStationAutoLogonResponse">
      <xsd:complexType/>
    </xsd:element>

    <!-- SetStationFriendlyName ([in] DWORD idStation, [in] BSTR bstrFriendlyName) -->
    <xsd:element name="SetStationFriendlyName">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element minOccurs="1" maxOccurs="1" name="idStation" type="xsd:unsignedInt"
/>
          <xsd:element minOccurs="1" maxOccurs="1" name="wsFriendlyName" type="xsd:string"
/>
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="SetStationFriendlyNameResponse">
      <xsd:complexType/>
    </xsd:element>

    <!-- SetStationServerName ([in] DWORD idStation, [in] BSTR bstrServerName, [in] BSTR
bstrVirtualMachineName) -->
    <xsd:element name="SetStationServerName">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element minOccurs="1" maxOccurs="1" name="idStation" type="xsd:unsignedInt"
/>
          <xsd:element minOccurs="1" maxOccurs="1" name="wsServerName" nillable="true"
type="xsd:string" />
          <xsd:element minOccurs="1" maxOccurs="1" name="wsVirtualMachineName"
nillable="true" type="xsd:string" />
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="SetStationServerNameResponse">
      <xsd:complexType/>
    </xsd:element>

    <!-- SplitStation ([in] DWORD idStation, [in] ESplitStationOperation eOperation) -->
    <xsd:element name="SplitStation">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element minOccurs="1" maxOccurs="1" name="idStation" type="xsd:unsignedInt"
/>
          <xsd:element minOccurs="1" maxOccurs="1" name="eOperation" type="xsd:unsignedInt"
/>
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="SplitStationResponse">
      <xsd:complexType/>
    </xsd:element>

    <!-- StopIdentifyingStation ([in] DWORD idStation) -->

```

```

    <xsd:element name="StopIdentifyingStation">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element minOccurs="1" maxOccurs="1" name="idStation" type="xsd:unsignedInt"
/>
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="StopIdentifyingStationResponse">
      <xsd:complexType/>
    </xsd:element>

    <!-- GetDisplayRotation ([in] DWORD idStation, [out] EDisplayRotation
*peDisplayRotation) -->
    <xsd:element name="GetDisplayRotation">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element minOccurs="1" maxOccurs="1" name="idStation" type="xsd:unsignedInt"
/>
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="GetDisplayRotationResponse">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element minOccurs="1" maxOccurs="1" name="peDisplayRotation"
type="xsd:unsignedInt" />
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>

    <!-- SetDisplayRotation ([in] DWORD idStation, [in] EDisplayRotation eDisplayRotation)
-->
    <xsd:element name="SetDisplayRotation">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element minOccurs="1" maxOccurs="1" name="idStation" type="xsd:unsignedInt"
/>
          <xsd:element minOccurs="1" maxOccurs="1" name="eDisplayRotation"
type="xsd:unsignedInt" />
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="SetDisplayRotationResponse">
      <xsd:complexType/>
    </xsd:element>

    <!-- IMultiPointSession -->

    <!-- CurrentActivity([in] DWORD idSession, [out] DWORD* pdwInactiveTicks, [out] BSTR
*pbstrCurrentActivity) -->
    <xsd:element name="CurrentActivity">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element minOccurs="1" maxOccurs="1" name="idSession" type="xsd:unsignedInt"
/>
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="CurrentActivityResponse">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element minOccurs="0" maxOccurs="1" name="pdwInactiveTicks"
type="xsd:unsignedInt" />
          <xsd:element minOccurs="0" maxOccurs="1" name="pwsCurrentActivity"
type="xsd:string" />
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>

```

```

    <!-- CloseSessionApplication([in] DWORD idSession, [in] DWORD idProcess, [in] ULONGLONG
ullCreateTime, [in] ULONGLONG idWindow) -->
    <xsd:element name="CloseSessionApplication">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element minOccurs="1" maxOccurs="1" name="idSession" type="xsd:unsignedInt"
/>
          <xsd:element minOccurs="1" maxOccurs="1" name="idProcess" type="xsd:unsignedInt"
/>
          <xsd:element minOccurs="1" maxOccurs="1" name="ullCreateTime"
type="xsd:unsignedLong" />
          <xsd:element minOccurs="1" maxOccurs="1" name="idWindow" type="xsd:unsignedLong"
/>
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="CloseSessionApplicationResponse">
      <xsd:complexType/>
    </xsd:element>

    <!-- ConfigureWebLimiting([in] DWORD idSession, [in] BOOL fIsInLimiting) -->
    <xsd:element name="ConfigureWebLimiting">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element minOccurs="1" maxOccurs="1" name="idSession" type="xsd:unsignedInt"
/>
          <xsd:element minOccurs="1" maxOccurs="1" name="fIsInLimiting" type="xsd:boolean"
/>
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="ConfigureWebLimitingResponse">
      <xsd:complexType/>
    </xsd:element>

    <!-- ConfigureWebLimitingAll([in] BSTR bstrAllowList, [in] BSTR bstrBlockList, [in]
BOOL fIsAllowedList) -->
    <xsd:element name="ConfigureWebLimitingAll">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element minOccurs="1" maxOccurs="1" name="wsAllowList" type="xsd:string" />
          <xsd:element minOccurs="1" maxOccurs="1" name="wsBlockList" type="xsd:string" />
          <xsd:element minOccurs="1" maxOccurs="1" name="fIsAllowedList" type="xsd:boolean"
/>
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="ConfigureWebLimitingAllResponse">
      <xsd:complexType/>
    </xsd:element>

    <!-- EnableProjectToAll([in] BSTR bstrInvitation) -->
    <xsd:element name="EnableProjectToAll">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element minOccurs="1" maxOccurs="1" name="wsInvitation" nillable="true"
type="xsd:string" />
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="EnableProjectToAllResponse">
      <xsd:complexType/>
    </xsd:element>

    <!-- EnableWebLimitingAll([in] BOOL fIsInLimiting) -->
    <xsd:element name="EnableWebLimitingAll">
      <xsd:complexType>
        <xsd:sequence>

```

```

        <xsd:element minOccurs="1" maxOccurs="1" name="fIsInLimiting" type="xsd:boolean"
/>
    </xsd:sequence>
</xsd:complexType>
</xsd:element>
<xsd:element name="EnableWebLimitingAllResponse">
    <xsd:complexType/>
</xsd:element>

    <!-- GetScreenState([in] DWORD idSession, [out] EScreenBroadcastState
*peCurrentBroadCastState, [out] BOOL *pfIsLocked, [out] BOOL *pfIsDisconnected, [out] BOOL
*pfIsPrivate) -->
    <xsd:element name="GetScreenState">
        <xsd:complexType>
            <xsd:sequence>
                <xsd:element minOccurs="1" maxOccurs="1" name="idSession" type="xsd:unsignedInt"
/>
            </xsd:sequence>
        </xsd:complexType>
    </xsd:element>
<xsd:element name="GetScreenStateResponse">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="peCurrentBroadCastState"
type="xsd:unsignedInt" />
            <xsd:element minOccurs="1" maxOccurs="1" name="pfIsLocked" type="xsd:boolean" />
            <xsd:element minOccurs="1" maxOccurs="1" name="pfIsDisconnected"
type="xsd:boolean" />
            <xsd:element minOccurs="1" maxOccurs="1" name="pfIsPrivate" type="xsd:boolean" />
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>

    <!-- GetSessionAgentStatus([in] DWORD idSession, [out, retval] EIdentifyStationState*
peIdentifyStationState) -->
    <xsd:element name="GetSessionAgentStatus">
        <xsd:complexType>
            <xsd:sequence>
                <xsd:element minOccurs="1" maxOccurs="1" name="idSession" type="xsd:unsignedInt"
/>
            </xsd:sequence>
        </xsd:complexType>
    </xsd:element>
<xsd:element name="GetSessionAgentStatusResponse">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="peIdentifyStationState"
type="xsd:unsignedInt" />
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>

    <!-- GetSessionRunningApps([in] DWORD idSession, [out] BSTR *pbstrCurrentRunningApps) -
->
    <xsd:element name="GetSessionRunningApps">
        <xsd:complexType>
            <xsd:sequence>
                <xsd:element minOccurs="1" maxOccurs="1" name="idSession" type="xsd:unsignedInt"
/>
            </xsd:sequence>
        </xsd:complexType>
    </xsd:element>
<xsd:element name="GetSessionRunningAppsResponse">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="pprgwsWmsRunningAppWs"
type="tns:ArrayOfWMS_RUNNING_APP_WS" />
        </xsd:sequence>
    </xsd:complexType>

```

```

</xsd:element>

<!-- GetThumbnailBits([in] DWORD idSession, [in] EOrchestrationThumbnailSize
eBitmapSize, [out] int* pcbDataBits, [out, size_is(*pcbDataBits)] byte **ppbDataBits) -->
<xsd:element name="GetThumbnailBits">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="idSession" type="xsd:unsignedInt"
/>
      <xsd:element minOccurs="1" maxOccurs="1" name="eBitmapSize"
type="xsd:unsignedInt" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="GetThumbnailBitsResponse">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="0" maxOccurs="1" name="ppbDataBits"
type="xsd:base64Binary" xmlns:expectedContentTypes="image/jpeg"
xmlns:xmime="http://www.w3.org/2005/05/xmlmime" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>

<!-- IdentifySession([in] DWORD idSession, [in] BSTR bstrStationName, [in] BSTR
bstrStationHost, [in] BSTR bstrSessionHost, [in] EIdentifyStationAction eAction) -->
<xsd:element name="IdentifySession">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="idSession" type="xsd:unsignedInt"
/>
      <xsd:element minOccurs="1" maxOccurs="1" name="wsStationName" type="xsd:string"
/>
      <xsd:element minOccurs="1" maxOccurs="1" name="wsStationHost" type="xsd:string"
/>
      <xsd:element minOccurs="1" maxOccurs="1" name="wsSessionHost" type="xsd:string"
/>
      <xsd:element minOccurs="1" maxOccurs="1" name="eAction" type="xsd:unsignedInt" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="IdentifySessionResponse">
  <xsd:complexType/>
</xsd:element>

<!-- GetSessionFlags([in] DWORD idSession, [out, retval] BOOL *pfIsAdmin) -->
<xsd:element name="GetSessionFlags">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="idSession" type="xsd:unsignedInt"
/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="GetSessionFlagsResponse">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="0" maxOccurs="1" name="pgrfSession"
type="xsd:unsignedInt" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>

<!-- LockSession([in] DWORD idSession, [in] BSTR bstrLockMessage) -->
<xsd:element name="LockSession">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="idSession" type="xsd:unsignedInt"
/>

```

```

        <xsd:element minOccurs="1" maxOccurs="1" name="wsLockMessage" type="xsd:string"
/>
    </xsd:sequence>
</xsd:complexType>
</xsd:element>
<xsd:element name="LockSessionResponse">
    <xsd:complexType/>
</xsd:element>

<!-- LogOffSession([in] DWORD idSession) -->
<xsd:element name="LogOffSession">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="idSession" type="xsd:unsignedInt"
/>
                </xsd:sequence>
        </xsd:complexType>
    </xsd:element>
<xsd:element name="LogOffSessionResponse">
    <xsd:complexType/>
</xsd:element>

<!-- RunFileSession([in] DWORD idSession, [in] BSTR bstrFileToRun, [out] DWORD
*pdwResult) -->
<xsd:element name="RunFileSession">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="idSession" type="xsd:unsignedInt"
/>
                <xsd:element minOccurs="1" maxOccurs="1" name="wsFileToRun" type="xsd:string" />
            </xsd:sequence>
        </xsd:complexType>
    </xsd:element>
<xsd:element name="RunFileSessionResponse">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="0" maxOccurs="1" name="pdwResult" type="xsd:unsignedInt"
/>
                </xsd:sequence>
        </xsd:complexType>
    </xsd:element>

<!-- ShareDesktop([in] DWORD idSession, [in] BOOL fRemoteControl, [in] int iMaxViewers,
[in] BSTR bstrTeacherName, [out] BSTR *pbstrInvitation) -->
<xsd:element name="ShareDesktop">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="idSession" type="xsd:unsignedInt"
/>
                <xsd:element minOccurs="0" maxOccurs="1" name="eMode" type="xsd:unsignedInt" />
                <xsd:element minOccurs="1" maxOccurs="1" name="iMaxViewers" type="xsd:int" />
                <xsd:element minOccurs="0" maxOccurs="1" name="wsTeacherName" type="xsd:string"
/>
            </xsd:sequence>
        </xsd:complexType>
    </xsd:element>
<xsd:element name="ShareDesktopResponse">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="0" maxOccurs="1" name="pwsInvitation" type="xsd:string"
/>
                </xsd:sequence>
        </xsd:complexType>
    </xsd:element>

<!-- StopIdentifyingSession ([in] DWORD idSession) -->
<xsd:element name="StopIdentifyingSession">
    <xsd:complexType>
        <xsd:sequence>

```

```

        <xsd:element minOccurs="1" maxOccurs="1" name="idSession" type="xsd:unsignedInt"
/>
    </xsd:sequence>
</xsd:complexType>
</xsd:element>
<xsd:element name="StopIdentifyingSessionResponse">
    <xsd:complexType/>
</xsd:element>

<!-- StopLockingSession([in] DWORD idSession) -->
<xsd:element name="StopLockingSession">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="idSession" type="xsd:unsignedInt"
/>
                </xsd:sequence>
        </xsd:complexType>
    </xsd:element>
<xsd:element name="StopLockingSessionResponse">
    <xsd:complexType/>
</xsd:element>

<!-- StopShareDesktop([in] DWORD idSession) -->
<xsd:element name="StopShareDesktop">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="idSession" type="xsd:unsignedInt"
/>
                </xsd:sequence>
        </xsd:complexType>
    </xsd:element>
<xsd:element name="StopShareDesktopResponse">
    <xsd:complexType/>
</xsd:element>

<!-- ViewDesktop([in] DWORD idSession, [in] BSTR bstrInvitation, [in] BSTR bstrTitle) -
->
<xsd:element name="ViewDesktop">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="idSession" type="xsd:unsignedInt"
/>
                <xsd:element minOccurs="0" maxOccurs="1" name="eMode" type="xsd:unsignedInt" />
                <xsd:element minOccurs="0" maxOccurs="1" name="wsInvitation" type="xsd:string" />
                <xsd:element minOccurs="0" maxOccurs="1" name="wsTitle" type="xsd:string" />
            </xsd:sequence>
        </xsd:complexType>
    </xsd:element>
<xsd:element name="ViewDesktopResponse">
    <xsd:complexType/>
</xsd:element>

<xsd:element name="DisconnectSession">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="idSession" type="xsd:unsignedInt"
/>
                </xsd:sequence>
        </xsd:complexType>
    </xsd:element>
<xsd:element name="DisconnectSessionResponse">
    <xsd:complexType/>
</xsd:element>

<xsd:element name="LogOffConsoleSession">
    <xsd:complexType/>
</xsd:element>
<xsd:element name="LogOffConsoleSessionResponse">
    <xsd:complexType/>

```

```

</xsd:element>

<!-- IMultiPointDiskProtection -->

<!-- GetFreeSpaceNeeded ([out] ULONGLONG * pullFreeSpaceNeeded) -->
<xsd:element name="GetFreeSpaceNeeded">
  <xsd:complexType />
</xsd:element>
<xsd:element name="GetFreeSpaceNeededResponse">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="pullFreeSpaceNeeded"
type="xsd:unsignedLong" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>

<!-- GetMode ([out] EDiskProtectionMode *pdpm) -->
<xsd:element name="GetMode">
  <xsd:complexType />
</xsd:element>
<xsd:element name="GetModeResponse">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="pdpm" type="xsd:unsignedInt" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>

<!-- GetScheduledUpdateSettings ([out] EScheduledUpdateMode *peMode, [out] DWORD
*piScheduledUpdateStartHour, [out] BSTR *pbstrCustomScriptFullPath, [out] DWORD
*pcMaxMinutesAllowedForCustomScript, [out] EScheduleUpdatesReturnState *peReturnState) -->
<xsd:element name="GetScheduledUpdateSettings">
  <xsd:complexType />
</xsd:element>
<xsd:element name="GetScheduledUpdateSettingsResponse">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="peMode" type="xsd:unsignedInt" />
      <xsd:element minOccurs="1" maxOccurs="1" name="piScheduledUpdateStartHour"
type="xsd:unsignedInt" />
      <xsd:element minOccurs="1" maxOccurs="1" name="pwsCustomScriptFullPath"
type="xsd:string" />
      <xsd:element minOccurs="1" maxOccurs="1"
name="pcMaxMinutesAllowedForCustomScript" type="xsd:unsignedInt" />
      <xsd:element minOccurs="1" maxOccurs="1" name="peReturnState"
type="xsd:unsignedInt" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>

<!-- Install (void) -->
<xsd:element name="Install">
  <xsd:complexType />
</xsd:element>
<xsd:element name="InstallResponse">
  <xsd:complexType/>
</xsd:element>

<!-- IsInstalled ([out] BOOL *pfIsInstalled) -->
<xsd:element name="IsInstalled">
  <xsd:complexType />
</xsd:element>
<xsd:element name="IsInstalledResponse">
  <xsd:complexType>
    <xsd:sequence>

```



```

        <xsd:element minOccurs="1" maxOccurs="1" name="pfIsInstalled" type="xsd:boolean"
/>
    </xsd:sequence>
</xsd:complexType>
</xsd:element>

<!-- SetMode ([in] EDiskProtectionMode dpm) -->
<xsd:element name="SetMode">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="dpm" type="xsd:unsignedInt" />
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>
<xsd:element name="SetModeResponse">
    <xsd:complexType />
</xsd:element>

<!-- SetScheduledUpdateSettings ([in] EScheduledUpdateMode eMode, [in,
range(iHourMinScheduledUpdateStartTime, iHourMaxScheduledUpdateStartTime)] DWORD
iScheduledUpdateStartHour, [in] BSTR bstrCustomScriptFullPath, [in,
range(cMinutesMinScriptRunTime, cMinutesMaxScriptRunTime)] DWORD
cMaxMinutesAllowedForCustomScript, [in] EScheduleUpdatesReturnState eReturnState) -->
<xsd:element name="SetScheduledUpdateSettings">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="eMode" type="xsd:unsignedInt" />
            <xsd:element minOccurs="1" maxOccurs="1" name="iScheduledUpdateStartHour"
type="xsd:unsignedInt" />
            <xsd:element minOccurs="1" maxOccurs="1" name="wsCustomScriptFullPath"
type="xsd:string" />
            <xsd:element minOccurs="1" maxOccurs="1" name="cMaxMinutesAllowedForCustomScript"
type="xsd:unsignedInt" />
            <xsd:element minOccurs="1" maxOccurs="1" name="eReturnState"
type="xsd:unsignedInt" />
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>
<xsd:element name="SetScheduledUpdateSettingsResponse">
    <xsd:complexType/>
</xsd:element>

<!-- Uninstall ([in] EUninstallDiskProtectionStage udps) -->
<xsd:element name="Uninstall">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="udps" type="xsd:unsignedInt" />
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>
<xsd:element name="UninstallResponse">
    <xsd:complexType/>
</xsd:element>

<!-- IMultiPointChat -->

<!-- Connect ([in] BSTR bstrTeacherUserName, [in] GUID guidTeacherChat) -->
<xsd:element name="Connect">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="wsTeacherUserName"
type="xsd:string" />
            <xsd:element minOccurs="1" maxOccurs="1" name="guidDestChatId" type="tns:guid" />
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>
<xsd:element name="ConnectResponse">
    <xsd:complexType/>
</xsd:element>

```

```

<!-- Disconnect ([in] GUID guidDestChatId) -->
<xsd:element name="Disconnect">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="guidDestChatId" type="tns:guid" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="DisconnectResponse">
  <xsd:complexType/>
</xsd:element>

<!-- GetChatId ([in] BSTR bstrTeacherServerName, [in] DWORD idTeacherSession, [in] BSTR
bstrTeacherUserName, [in] DWORD idStudentSession, [out] GUID *pguidStudentChat) -->
<xsd:element name="GetChatId">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="wsTeacherServerName"
type="xsd:string" />
      <xsd:element minOccurs="1" maxOccurs="1" name="idTeacherSession"
type="xsd:unsignedInt" />
      <xsd:element minOccurs="1" maxOccurs="1" name="wsTeacherUserName"
type="xsd:string" />
      <xsd:element minOccurs="1" maxOccurs="1" name="idStudentSession"
type="xsd:unsignedInt" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="GetChatIdResponse">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="0" maxOccurs="1" name="pguidStudentChat" type="tns:guid"
/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>

<!-- HRESULT Ping() -->
<xsd:element name="Ping">
  <xsd:complexType/>
</xsd:element>
<xsd:element name="PingResponse">
  <xsd:complexType/>
</xsd:element>

<!-- HRESULT SendError([in] GUID guidDestChatId, [in] HRESULT hrError, [in] BSTR
bstrErrorMsg) -->
<xsd:element name="SendError">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="guidDestChatId" type="tns:guid" />
      <xsd:element minOccurs="1" maxOccurs="1" name="hrError" type="xsd:unsignedInt" />
      <xsd:element minOccurs="1" maxOccurs="1" name="wsErrorMsg" type="xsd:string" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="SendErrorResponse">
  <xsd:complexType/>
</xsd:element>

<!-- SendMsg ([in] BSTR bstrMessage, [in] GUID guidDestChatId) -->
<xsd:element name="SendMsg">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="wsMessage" type="xsd:string" />
      <xsd:element minOccurs="1" maxOccurs="1" name="guidDestChatId" type="tns:guid" />
    </xsd:sequence>
  </xsd:complexType>

```

```

</xsd:element>
<xsd:element name="SendMsgResponse">
  <xsd:complexType/>
</xsd:element>

<!-- IMultiPointCoreEventSink -->
<!-- OnAssociateSessionWithStation([in] DWORD idStation, [in] DWORD idSession, [in]
BSTR bstrServerName, [in] BSTR bstrVirtualMachineId) -->
<xsd:element name="OnAssociateSessionWithStation">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="idStation" type="xsd:unsignedInt"
/>
      <xsd:element minOccurs="1" maxOccurs="1" name="idSession" type="xsd:unsignedInt"
/>
      <xsd:element minOccurs="1" maxOccurs="1" name="wsServerName" nillable="true"
type="xsd:string" />
      <xsd:element minOccurs="1" maxOccurs="1" name="wsVirtualMachineId"
nillable="true" type="xsd:string" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="OnAssociateSessionWithStationResponse">
  <xsd:complexType/>
</xsd:element>

<!-- OnBeginIdentifySession([in] DWORD idSession) -->
<xsd:element name="OnBeginIdentifySession">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="idSession" type="xsd:unsignedInt"
/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="OnBeginIdentifySessionResponse">
  <xsd:complexType/>
</xsd:element>

<!-- OnBeginIdentifyStation([in] DWORD idStation) -->
<xsd:element name="OnBeginIdentifyStation">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="idStation" type="xsd:unsignedInt"
/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="OnBeginIdentifyStationResponse">
  <xsd:complexType/>
</xsd:element>

<!-- OnBootToConsoleModeChange([in] BOOL fBootToConsoleModeEnabled) -->
<xsd:element name="OnBootToConsoleModeChange">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="fBootToConsoleModeEnabled"
type="xsd:boolean" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="OnBootToConsoleModeChangeResponse">
  <xsd:complexType/>
</xsd:element>

<!-- OnConfigureStation([in] DWORD idStation) -->
<xsd:element name="OnConfigureStation">
  <xsd:complexType>
    <xsd:sequence>

```

```

        <xsd:element minOccurs="1" maxOccurs="1" name="idStation" type="xsd:unsignedInt"
/>
    </xsd:sequence>
</xsd:complexType>
</xsd:element>
<xsd:element name="OnConfigureStationResponse">
    <xsd:complexType/>
</xsd:element>

<!-- OnDesktopMonitoringChange([in] BOOL fDesktopMonitoringEnabled) -->
<xsd:element name="OnDesktopMonitoringChange">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="fDesktopMonitoringEnabled"
type="xsd:boolean" />
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>
<xsd:element name="OnDesktopMonitoringChangeResponse">
    <xsd:complexType/>
</xsd:element>

<!-- OnDeviceAdded([in] DWORD idStation, [in] EDeviceType eType, [in] DWORD cDevices) -
->
<xsd:element name="OnDeviceAdded">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="idStation" type="xsd:unsignedInt"
/>
            <xsd:element minOccurs="1" maxOccurs="1" name="eType" type="xsd:unsignedInt" />
            <xsd:element minOccurs="1" maxOccurs="1" name="cDevices" type="xsd:unsignedInt"
/>
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>
<xsd:element name="OnDeviceAddedResponse">
    <xsd:complexType/>
</xsd:element>

<!-- OnDeviceRemoved([in] DWORD idStation, [in] EDeviceType eType, [in] DWORD cDevices)
-->
<xsd:element name="OnDeviceRemoved">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="idStation" type="xsd:unsignedInt"
/>
            <xsd:element minOccurs="1" maxOccurs="1" name="eType" type="xsd:unsignedInt" />
            <xsd:element minOccurs="1" maxOccurs="1" name="cDevices" type="xsd:unsignedInt"
/>
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>
<xsd:element name="OnDeviceRemovedResponse">
    <xsd:complexType/>
</xsd:element>

<!-- OnEndIdentifySession([in] DWORD idSession) -->
<xsd:element name="OnEndIdentifySession">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="idSession" type="xsd:unsignedInt"
/>
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>
<xsd:element name="OnEndIdentifySessionResponse">
    <xsd:complexType/>
</xsd:element>

```

```

<!-- OnEndIdentifyStation([in] DWORD idStation) -->
<xsd:element name="OnEndIdentifyStation">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="idStation" type="xsd:unsignedInt"
/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="OnEndIdentifyStationResponse">
  <xsd:complexType/>
</xsd:element>

<!-- OnEnterSplitScreen([in] DWORD idStation) -->
<xsd:element name="OnEnterSplitScreen">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="idStation" type="xsd:unsignedInt"
/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="OnEnterSplitScreenResponse">
  <xsd:complexType/>
</xsd:element>

<!-- OnExitSplitScreen([in] DWORD idStation) -->
<xsd:element name="OnExitSplitScreen">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="idStation" type="xsd:unsignedInt"
/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="OnExitSplitScreenResponse">
  <xsd:complexType/>
</xsd:element>

<!-- OnManagedServerOffline([in] BSTR bstrServerName) -->
<xsd:element name="OnManagedServerOffline">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="wsServerName" nillable="true"
type="xsd:string" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="OnManagedServerOfflineResponse">
  <xsd:complexType/>
</xsd:element>

<!-- OnManagedServerOnline([in] BSTR bstrServerName, [in] BSTR bstrIpAddresses) -->
<xsd:element name="OnManagedServerOnline">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="wsServerName" nillable="true"
type="xsd:string" />
      <xsd:element minOccurs="1" maxOccurs="1" name="wsIpAddresses" nillable="true"
type="xsd:string" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="OnManagedServerOnlineResponse">
  <xsd:complexType/>
</xsd:element>

<!-- OnPeerServerAdded([in] BSTR bstrServerName) -->
<xsd:element name="OnPeerServerAdded">

```

```

        <xsd:complexType>
            <xsd:sequence>
                <xsd:element minOccurs="1" maxOccurs="1" name="wsServerName" nillable="true"
type="xsd:string" />
            </xsd:sequence>
        </xsd:complexType>
    </xsd:element>
    <xsd:element name="OnPeerServerAddedResponse">
        <xsd:complexType/>
    </xsd:element>

    <!-- OnPeerServerDiscovered([in] BSTR bstrServerName, [in] BSTR bstrIpAddress, [in]
EDiscoverType eDiscoverType) -->
    <xsd:element name="OnPeerServerDiscovered">
        <xsd:complexType>
            <xsd:sequence>
                <xsd:element minOccurs="1" maxOccurs="1" name="wsServerName" nillable="true"
type="xsd:string" />
                <xsd:element minOccurs="1" maxOccurs="1" name="wsIpAddress" nillable="true"
type="xsd:string" />
                <xsd:element minOccurs="1" maxOccurs="1" name="eDiscoverType"
type="xsd:unsignedInt" />
            </xsd:sequence>
        </xsd:complexType>
    </xsd:element>
    <xsd:element name="OnPeerServerDiscoveredResponse">
        <xsd:complexType/>
    </xsd:element>

    <!-- OnPeerServerRemoved([in] BSTR bstrServerName) -->
    <xsd:element name="OnPeerServerRemoved">
        <xsd:complexType>
            <xsd:sequence>
                <xsd:element minOccurs="1" maxOccurs="1" name="wsServerName" nillable="true"
type="xsd:string" />
            </xsd:sequence>
        </xsd:complexType>
    </xsd:element>
    <xsd:element name="OnPeerServerRemovedResponse">
        <xsd:complexType/>
    </xsd:element>

    <!-- OnProjectionStateChange([in] DWORD idSession, [in] EScreenBroadcastState eState) -
->
    <xsd:element name="OnProjectionStateChange">
        <xsd:complexType>
            <xsd:sequence>
                <xsd:element minOccurs="1" maxOccurs="1" name="idSession" type="xsd:unsignedInt"
/>
                <xsd:element minOccurs="1" maxOccurs="1" name="eState" type="xsd:unsignedInt" />
            </xsd:sequence>
        </xsd:complexType>
    </xsd:element>
    <xsd:element name="OnProjectionStateChangeResponse">
        <xsd:complexType/>
    </xsd:element>

    <!-- OnScheduledUpdateSettingsChanged([in] EScheduledUpdateMode eMode, [in,
range(iHourMinScheduledUpdateStartTime,iHourMaxScheduledUpdateStartTime)] DWORD
iScheduledUpdateStartHour, [in] BSTR bstrCustomScriptFullPath, [in,
range(cMinutesMinScriptRunTime,cMinutesMaxScriptRunTime)] DWORD
cMaxMinutesAllowedForCustomScript, [in] EScheduleUpdatesReturnState eReturnState) -->
    <xsd:element name="OnScheduledUpdateSettingsChanged">
        <xsd:complexType>
            <xsd:sequence>
                <xsd:element minOccurs="1" maxOccurs="1" name="eMode" type="xsd:unsignedInt" />
                <xsd:element minOccurs="1" maxOccurs="1" name="iScheduledUpdateStartHour"
type="xsd:unsignedInt" />
            </xsd:sequence>
        </xsd:complexType>
    </xsd:element>

```

```

        <xsd:element minOccurs="1" maxOccurs="1" name="wsCustomScriptFullPath"
nillable="true" type="xsd:string" />
        <xsd:element minOccurs="1" maxOccurs="1" name="cMaxMinutesAllowedForCustomScript"
type="xsd:unsignedInt" />
        <xsd:element minOccurs="1" maxOccurs="1" name="eReturnState"
type="xsd:unsignedInt" />
    </xsd:sequence>
</xsd:complexType>
</xsd:element>
<xsd:element name="OnScheduledUpdateSettingsChangedResponse">
    <xsd:complexType/>
</xsd:element>

<!-- OnServiceControlSessionChange([in] DWORD dwEventType, [in] DWORD idSession) -->
<xsd:element name="OnServiceControlSessionChange">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="dwEventType"
type="xsd:unsignedInt" />
            <xsd:element minOccurs="1" maxOccurs="1" name="idSession" type="xsd:unsignedInt"
/>
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>
<xsd:element name="OnServiceControlSessionChangeResponse">
    <xsd:complexType/>
</xsd:element>

<!-- OnSessionAgentReady([in] DWORD idSession) -->
<xsd:element name="OnSessionAgentReady">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="idSession" type="xsd:unsignedInt"
/>
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>
<xsd:element name="OnSessionAgentReadyResponse">
    <xsd:complexType/>
</xsd:element>

<!-- OnSessionBlocked([in] DWORD idSession) -->
<xsd:element name="OnSessionBlocked">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="idSession" type="xsd:unsignedInt"
/>
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>
<xsd:element name="OnSessionBlockedResponse">
    <xsd:complexType/>
</xsd:element>

<!-- OnSessionConnecting([in] DWORD idStation) -->
<xsd:element name="OnSessionConnecting">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="idStation" type="xsd:unsignedInt"
/>
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>
<xsd:element name="OnSessionConnectingResponse">
    <xsd:complexType/>
</xsd:element>

<!-- OnSessionDisconnected([in] DWORD idStation) -->
<xsd:element name="OnSessionDisconnected">

```

```

        <xsd:complexType>
          <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="idStation" type="xsd:unsignedInt"
/>
          </xsd:sequence>
        </xsd:complexType>
      </xsd:element>
      <xsd:element name="OnSessionDisconnectedResponse">
        <xsd:complexType/>
      </xsd:element>

      <!-- OnSessionUnblocked([in] DWORD idSession) -->
      <xsd:element name="OnSessionUnblocked">
        <xsd:complexType>
          <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="idSession" type="xsd:unsignedInt"
/>
          </xsd:sequence>
        </xsd:complexType>
      </xsd:element>
      <xsd:element name="OnSessionUnblockedResponse">
        <xsd:complexType/>
      </xsd:element>

      <!-- OnStationAdded([in] DWORD idStation, [in] DWORD idxSplitScreen, [in] DWORD
idPrimaryStation) -->
      <xsd:element name="OnStationAdded">
        <xsd:complexType>
          <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="idStation" type="xsd:unsignedInt"
/>
            <xsd:element minOccurs="1" maxOccurs="1" name="idxSplitScreen"
type="xsd:unsignedInt" />
            <xsd:element minOccurs="1" maxOccurs="1" name="idPrimaryStation"
type="xsd:unsignedInt" />
          </xsd:sequence>
        </xsd:complexType>
      </xsd:element>
      <xsd:element name="OnStationAddedResponse">
        <xsd:complexType/>
      </xsd:element>

      <!-- OnStationAlert([in] EStationAlertType eType, [in] DWORD idStation, [in]
EAlertStatus eStatus) -->
      <xsd:element name="OnStationAlert">
        <xsd:complexType>
          <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="eType" type="xsd:unsignedInt" />
            <xsd:element minOccurs="1" maxOccurs="1" name="idStation" type="xsd:unsignedInt"
/>
            <xsd:element minOccurs="1" maxOccurs="1" name="eStatus" type="xsd:unsignedInt" />
          </xsd:sequence>
        </xsd:complexType>
      </xsd:element>
      <xsd:element name="OnStationAlertResponse">
        <xsd:complexType/>
      </xsd:element>

      <!-- OnStationRemoved([in] DWORD idStation) -->
      <xsd:element name="OnStationRemoved">
        <xsd:complexType>
          <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="idStation" type="xsd:unsignedInt"
/>
          </xsd:sequence>
        </xsd:complexType>
      </xsd:element>
      <xsd:element name="OnStationRemovedResponse">
        <xsd:complexType/>
      </xsd:element>

```



```

</xsd:element>

<!-- OnSystemAlert([in] ESystemAlertType eType, [in] EAlertStatus eStatus) -->
<xsd:element name="OnSystemAlert">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="eType" type="xsd:unsignedInt" />
      <xsd:element minOccurs="1" maxOccurs="1" name="eStatus" type="xsd:unsignedInt" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="OnSystemAlertResponse">
  <xsd:complexType/>
</xsd:element>

<!-- OnSystemModeChange([in] EWmsMode eType) -->
<xsd:element name="OnSystemModeChange">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="eType" type="xsd:unsignedInt" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="OnSystemModeChangeResponse">
  <xsd:complexType/>
</xsd:element>

<!-- OnVirtualDesktopNotification([in] EVirtualDesktopNotificationType
eVirtualDesktopNotificationType, [in] DWORD idProgress, [in] BSTR bstrMessage) -->
<xsd:element name="OnVirtualDesktopNotification">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="eVirtualDesktopNotificationType"
type="xsd:unsignedInt" />
      <xsd:element minOccurs="1" maxOccurs="1" name="idProgress" type="xsd:unsignedInt"
/>
      <xsd:element minOccurs="1" maxOccurs="1" name="wsMessage" nillable="true"
type="xsd:string" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="OnVirtualDesktopNotificationResponse">
  <xsd:complexType/>
</xsd:element>

<!-- OnVirtualDesktopOnline([in] BSTR bstrVirtualMachineId, [in] BSTR bstrHostName) -->
<xsd:element name="OnVirtualDesktopOnline">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="wsVirtualMachineId"
nillable="true" type="xsd:string" />
      <xsd:element minOccurs="1" maxOccurs="1" name="wsHostName" nillable="true"
type="xsd:string" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="OnVirtualDesktopOnlineResponse">
  <xsd:complexType/>
</xsd:element>

<!-- ShutdownNotification() -->
<xsd:element name="ShutdownNotification">
  <xsd:complexType/>
</xsd:element>
<xsd:element name="ShutdownNotificationResponse">
  <xsd:complexType/>
</xsd:element>

<!-- OnUserCreated([in] BSTR bstrUserName) -->

```

```

    <xsd:element name="OnUserCreated">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element minOccurs="1" maxOccurs="1" name="wsUserName" nillable="true"
type="xsd:string" />
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="OnUserCreatedResponse">
      <xsd:complexType/>
    </xsd:element>

    <!-- OnUserUpdated([in] BSTR bstrUserName) -->
    <xsd:element name="OnUserUpdated">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element minOccurs="1" maxOccurs="1" name="wsUserName" nillable="true"
type="xsd:string" />
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="OnUserUpdatedResponse">
      <xsd:complexType/>
    </xsd:element>

    <!-- OnUserDeleted([in] BSTR bstrUserName) -->
    <xsd:element name="OnUserDeleted">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element minOccurs="1" maxOccurs="1" name="wsUserName" nillable="true"
type="xsd:string" />
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="OnUserDeletedResponse">
      <xsd:complexType/>
    </xsd:element>

    <!-- OnGroupUpdated() -->
    <xsd:element name="OnGroupUpdated">
      <xsd:complexType/>
    </xsd:element>
    <xsd:element name="OnGroupUpdatedResponse">
      <xsd:complexType/>
    </xsd:element>

  </xsd:schema>
</wsdl:types>

<wsdl:message name="WmsFaultMessage">
  <wsdl:part name="parameters" element="tns:WmsFaultType" />
</wsdl:message>

<!-- IMultiPointCertificateRequest -->
<wsdl:message name="GetProtocolVersionSoapIn">
  <wsdl:part name="parameters" element="tns:GetProtocolVersion" />
</wsdl:message>
<wsdl:message name="GetProtocolVersionSoapOut">
  <wsdl:part name="parameters" element="tns:GetProtocolVersionResponse" />
</wsdl:message>

<wsdl:message name="RequestSslCertificateSoapIn">
  <wsdl:part name="parameters" element="tns:RequestSslCertificate" />
</wsdl:message>
<wsdl:message name="RequestSslCertificateSoapOut">
  <wsdl:part name="parameters" element="tns:RequestSslCertificateResponse" />
</wsdl:message>

```

```

<!-- IMultiPointCredentialRequest -->
<wsdl:message name="SetSslCertificateSoapIn">
  <wsdl:part name="parameters" element="tns:SetSslCertificate" />
</wsdl:message>
<wsdl:message name="SetSslCertificateSoapOut">
  <wsdl:part name="parameters" element="tns:SetSslCertificateResponse" />
</wsdl:message>
<wsdl:message name="RequestWmsControlCredentialsSoapIn">
  <wsdl:part name="parameters" element="tns:RequestWmsControlCredentials" />
</wsdl:message>
<wsdl:message name="RequestWmsControlCredentialsSoapOut">
  <wsdl:part name="parameters" element="tns:RequestWmsControlCredentialsResponse" />
</wsdl:message>

<!-- IMultiPointSystemOnlineEventSink -->
<wsdl:message name="OnManagedServerOfflineNotifySoapIn">
  <wsdl:part name="parameters" element="tns:OnManagedServerOfflineNotify" />
</wsdl:message>
<wsdl:message name="OnManagedServerOfflineNotifySoapOut">
  <wsdl:part name="parameters" element="tns:OnManagedServerOfflineNotifyResponse" />
</wsdl:message>
<wsdl:message name="OnManagedServerOnlineNotifySoapIn">
  <wsdl:part name="parameters" element="tns:OnManagedServerOnlineNotify" />
</wsdl:message>
<wsdl:message name="OnManagedServerOnlineNotifySoapOut">
  <wsdl:part name="parameters" element="tns:OnManagedServerOnlineNotifyResponse" />
</wsdl:message>
<wsdl:message name="OnNewServerCertificateReadySoapIn">
  <wsdl:part name="parameters" element="tns:OnNewServerCertificateReady" />
</wsdl:message>
<wsdl:message name="OnNewServerCertificateReadySoapOut">
  <wsdl:part name="parameters" element="tns:OnNewServerCertificateReadyResponse" />
</wsdl:message>

<!-- IMultiPointServer -->
<wsdl:message name="EnumerateUsersSoapIn">
  <wsdl:part name="parameters" element="tns:EnumerateUsers" />
</wsdl:message>
<wsdl:message name="EnumerateUsersSoapOut">
  <wsdl:part name="parameters" element="tns:EnumerateUsersResponse" />
</wsdl:message>
<wsdl:message name="GetAllSessionsSoapIn">
  <wsdl:part name="parameters" element="tns:GetAllSessions" />
</wsdl:message>
<wsdl:message name="GetAllSessionsSoapOut">
  <wsdl:part name="parameters" element="tns:GetAllSessionsResponse" />
</wsdl:message>
<wsdl:message name="GetClientVersionSoapIn">
  <wsdl:part name="parameters" element="tns:GetClientVersion" />
</wsdl:message>
<wsdl:message name="GetClientVersionSoapOut">
  <wsdl:part name="parameters" element="tns:GetClientVersionResponse" />
</wsdl:message>
<wsdl:message name="GetPeerWmsServerListSoapIn">
  <wsdl:part name="parameters" element="tns:GetPeerWmsServerList" />
</wsdl:message>
<wsdl:message name="GetPeerWmsServerListSoapOut">
  <wsdl:part name="parameters" element="tns:GetPeerWmsServerListResponse" />
</wsdl:message>
<wsdl:message name="GetPeerWmsConnectorListSoapIn">
  <wsdl:part name="parameters" element="tns:GetPeerWmsConnectorList" />
</wsdl:message>
<wsdl:message name="GetPeerWmsConnectorListSoapOut">
  <wsdl:part name="parameters" element="tns:GetPeerWmsConnectorListResponse" />
</wsdl:message>
<wsdl:message name="GetServerVersionSoapIn">
  <wsdl:part name="parameters" element="tns:GetServerVersion" />
</wsdl:message>
<wsdl:message name="GetServerVersionSoapOut">

```

```

    <wsdl:part name="parameters" element="tns:GetServerVersionResponse" />
</wsdl:message>
<wsdl:message name="GetSystemAlertStatusSoapIn">
  <wsdl:part name="parameters" element="tns:GetSystemAlertStatus" />
</wsdl:message>
<wsdl:message name="GetSystemAlertStatusSoapOut">
  <wsdl:part name="parameters" element="tns:GetSystemAlertStatusResponse" />
</wsdl:message>
<wsdl:message name="GetSystemModeSoapIn">
  <wsdl:part name="parameters" element="tns:GetSystemMode" />
</wsdl:message>
<wsdl:message name="GetSystemModeSoapOut">
  <wsdl:part name="parameters" element="tns:GetSystemModeResponse" />
</wsdl:message>
<wsdl:message name="GetVirtualMachineIpAddressSoapIn">
  <wsdl:part name="parameters" element="tns:GetVirtualMachineIpAddress" />
</wsdl:message>
<wsdl:message name="GetVirtualMachineIpAddressSoapOut">
  <wsdl:part name="parameters" element="tns:GetVirtualMachineIpAddressResponse" />
</wsdl:message>
<wsdl:message name="OnboardVirtualDesktopSoapIn">
  <wsdl:part name="parameters" element="tns:OnboardVirtualDesktop" />
</wsdl:message>
<wsdl:message name="OnboardVirtualDesktopSoapOut">
  <wsdl:part name="parameters" element="tns:OnboardVirtualDesktopResponse" />
</wsdl:message>
<wsdl:message name="RebootSoapIn">
  <wsdl:part name="parameters" element="tns:Reboot" />
</wsdl:message>
<wsdl:message name="RebootSoapOut">
  <wsdl:part name="parameters" element="tns:RebootResponse" />
</wsdl:message>
<wsdl:message name="RegisterChatEventSinkSoapIn">
  <wsdl:part name="parameters" element="tns:RegisterChatEventSink" />
</wsdl:message>
<wsdl:message name="RegisterChatEventSinkSoapOut">
  <wsdl:part name="parameters" element="tns:RegisterChatEventSinkResponse" />
</wsdl:message>
<wsdl:message name="RegisterCoreEventSinkSoapIn">
  <wsdl:part name="parameters" element="tns:RegisterCoreEventSink" />
</wsdl:message>
<wsdl:message name="RegisterCoreEventSinkSoapOut">
  <wsdl:part name="parameters" element="tns:RegisterCoreEventSinkResponse" />
</wsdl:message>
<wsdl:message name="ShutdownSoapIn">
  <wsdl:part name="parameters" element="tns:Shutdown" />
</wsdl:message>
<wsdl:message name="ShutdownSoapOut">
  <wsdl:part name="parameters" element="tns:ShutdownResponse" />
</wsdl:message>
<wsdl:message name="UnregisterChatEventSinkSoapIn">
  <wsdl:part name="parameters" element="tns:UnregisterChatEventSink" />
</wsdl:message>
<wsdl:message name="UnregisterChatEventSinkSoapOut">
  <wsdl:part name="parameters" element="tns:UnregisterChatEventSinkResponse" />
</wsdl:message>
<wsdl:message name="UnregisterCoreEventSinkSoapIn">
  <wsdl:part name="parameters" element="tns:UnregisterCoreEventSink" />
</wsdl:message>
<wsdl:message name="UnregisterCoreEventSinkSoapOut">
  <wsdl:part name="parameters" element="tns:UnregisterCoreEventSinkResponse" />
</wsdl:message>
<wsdl:message name="AddUserSoapIn">
  <wsdl:part name="parameters" element="tns:AddUser" />
</wsdl:message>
<wsdl:message name="AddUserSoapOut">
  <wsdl:part name="parameters" element="tns:AddUserResponse" />
</wsdl:message>
<wsdl:message name="EnableChatSoapIn">

```

```

    <wsdl:part name="parameters" element="tns:EnableChat" />
</wsdl:message>
<wsdl:message name="EnableChatSoapOut">
  <wsdl:part name="parameters" element="tns:EnableChatResponse" />
</wsdl:message>
<wsdl:message name="GetLicenseCountSoapIn">
  <wsdl:part name="parameters" element="tns:GetLicenseCount" />
</wsdl:message>
<wsdl:message name="GetLicenseCountSoapOut">
  <wsdl:part name="parameters" element="tns:GetLicenseCountResponse" />
</wsdl:message>
<wsdl:message name="GetManagedSystemsTypeSoapIn">
  <wsdl:part name="parameters" element="tns:GetManagedSystemsType" />
</wsdl:message>
<wsdl:message name="GetManagedSystemsTypeSoapOut">
  <wsdl:part name="parameters" element="tns:GetManagedSystemsTypeResponse" />
</wsdl:message>
<wsdl:message name="GetNetJoinStatusSoapIn">
  <wsdl:part name="parameters" element="tns:GetNetJoinStatus" />
</wsdl:message>
<wsdl:message name="GetNetJoinStatusSoapOut">
  <wsdl:part name="parameters" element="tns:GetNetJoinStatusResponse" />
</wsdl:message>
<wsdl:message name="GetVirtualMachineHostnameSoapIn">
  <wsdl:part name="parameters" element="tns:GetVirtualMachineHostname" />
</wsdl:message>
<wsdl:message name="GetVirtualMachineHostnameSoapOut">
  <wsdl:part name="parameters" element="tns:GetVirtualMachineHostnameResponse" />
</wsdl:message>
<wsdl:message name="GetWmsWebLimitingSoapIn">
  <wsdl:part name="parameters" element="tns:GetWmsWebLimiting" />
</wsdl:message>
<wsdl:message name="GetWmsWebLimitingSoapOut">
  <wsdl:part name="parameters" element="tns:GetWmsWebLimitingResponse" />
</wsdl:message>
<wsdl:message name="IsBootToConsoleModeSoapIn">
  <wsdl:part name="parameters" element="tns:IsBootToConsoleMode" />
</wsdl:message>
<wsdl:message name="IsBootToConsoleModeSoapOut">
  <wsdl:part name="parameters" element="tns:IsBootToConsoleModeResponse" />
</wsdl:message>
<wsdl:message name="IsAdminOrchestrationModeSoapIn">
  <wsdl:part name="parameters" element="tns:IsAdminOrchestrationMode" />
</wsdl:message>
<wsdl:message name="IsAdminOrchestrationModeSoapOut">
  <wsdl:part name="parameters" element="tns:IsAdminOrchestrationModeResponse" />
</wsdl:message>
<wsdl:message name="IsChatEnabledSoapIn">
  <wsdl:part name="parameters" element="tns:IsChatEnabled" />
</wsdl:message>
<wsdl:message name="IsChatEnabledSoapOut">
  <wsdl:part name="parameters" element="tns:IsChatEnabledResponse" />
</wsdl:message>
<wsdl:message name="IsDesktopMonitoringAllowedSoapIn">
  <wsdl:part name="parameters" element="tns:IsDesktopMonitoringAllowed" />
</wsdl:message>
<wsdl:message name="IsDesktopMonitoringAllowedSoapOut">
  <wsdl:part name="parameters" element="tns:IsDesktopMonitoringAllowedResponse" />
</wsdl:message>
<wsdl:message name="IsHypervisorPresentSoapIn">
  <wsdl:part name="parameters" element="tns:IsHypervisorPresent" />
</wsdl:message>
<wsdl:message name="IsHypervisorPresentSoapOut">
  <wsdl:part name="parameters" element="tns:IsHypervisorPresentResponse" />
</wsdl:message>
<wsdl:message name="IsSingleSessionPerUserSoapIn">
  <wsdl:part name="parameters" element="tns:IsSingleSessionPerUser" />
</wsdl:message>
<wsdl:message name="IsSingleSessionPerUserSoapOut">

```

```

    <wsdl:part name="parameters" element="tns:IsSingleSessionPerUserResponse" />
</wsdl:message>
<wsdl:message name="IsSuppressPrivacyNotificationSetSoapIn">
  <wsdl:part name="parameters" element="tns:IsSuppressPrivacyNotificationSet" />
</wsdl:message>
<wsdl:message name="IsSuppressPrivacyNotificationSetSoapOut">
  <wsdl:part name="parameters" element="tns:IsSuppressPrivacyNotificationSetResponse" />
</wsdl:message>
<wsdl:message name="ValidateAutoLogonAccountSoapIn">
  <wsdl:part name="parameters" element="tns:ValidateAutoLogonAccount" />
</wsdl:message>
<wsdl:message name="ValidateAutoLogonAccountSoapOut">
  <wsdl:part name="parameters" element="tns:ValidateAutoLogonAccountResponse" />
</wsdl:message>
<wsdl:message name="IsVirtualIpPerSessionEnabledSoapIn">
  <wsdl:part name="parameters" element="tns:IsVirtualIpPerSessionEnabled" />
</wsdl:message>
<wsdl:message name="IsVirtualIpPerSessionEnabledSoapOut">
  <wsdl:part name="parameters" element="tns:IsVirtualIpPerSessionEnabledResponse" />
</wsdl:message>
<wsdl:message name="LoadWindowsEditionSoapIn">
  <wsdl:part name="parameters" element="tns:LoadWindowsEdition" />
</wsdl:message>
<wsdl:message name="LoadWindowsEditionSoapOut">
  <wsdl:part name="parameters" element="tns:LoadWindowsEditionResponse" />
</wsdl:message>
<wsdl:message name="RemoveUserSoapIn">
  <wsdl:part name="parameters" element="tns:RemoveUser" />
</wsdl:message>
<wsdl:message name="RemoveUserSoapOut">
  <wsdl:part name="parameters" element="tns:RemoveUserResponse" />
</wsdl:message>
<wsdl:message name="SetBlockAllMessageSoapIn">
  <wsdl:part name="parameters" element="tns:SetBlockAllMessage" />
</wsdl:message>
<wsdl:message name="SetBlockAllMessageSoapOut">
  <wsdl:part name="parameters" element="tns:SetBlockAllMessageResponse" />
</wsdl:message>
<wsdl:message name="SetBootToConsoleModeSoapIn">
  <wsdl:part name="parameters" element="tns:SetBootToConsoleMode" />
</wsdl:message>
<wsdl:message name="SetBootToConsoleModeSoapOut">
  <wsdl:part name="parameters" element="tns:SetBootToConsoleModeResponse" />
</wsdl:message>
<wsdl:message name="SetAdminOrchestrationModeSoapIn">
  <wsdl:part name="parameters" element="tns:SetAdminOrchestrationMode" />
</wsdl:message>
<wsdl:message name="SetAdminOrchestrationModeSoapOut">
  <wsdl:part name="parameters" element="tns:SetAdminOrchestrationModeResponse" />
</wsdl:message>
<wsdl:message name="SetSuppressPrivacyNotificationSoapIn">
  <wsdl:part name="parameters" element="tns:SetSuppressPrivacyNotification" />
</wsdl:message>
<wsdl:message name="SetSuppressPrivacyNotificationSoapOut">
  <wsdl:part name="parameters" element="tns:SetSuppressPrivacyNotificationResponse" />
</wsdl:message>
<wsdl:message name="SetUserInfoSoapIn">
  <wsdl:part name="parameters" element="tns:SetUserInfo" />
</wsdl:message>
<wsdl:message name="SetUserInfoSoapOut">
  <wsdl:part name="parameters" element="tns:SetUserInfoResponse" />
</wsdl:message>
<wsdl:message name="EnableVirtualIpPerSessionSoapIn">
  <wsdl:part name="parameters" element="tns:EnableVirtualIpPerSession" />
</wsdl:message>
<wsdl:message name="EnableVirtualIpPerSessionSoapOut">
  <wsdl:part name="parameters" element="tns:EnableVirtualIpPerSessionResponse" />
</wsdl:message>
<wsdl:message name="SetDesktopMonitoringSoapIn">

```

```

    <wsdl:part name="parameters" element="tns:SetDesktopMonitoring" />
</wsdl:message>
<wsdl:message name="SetDesktopMonitoringSoapOut">
  <wsdl:part name="parameters" element="tns:SetDesktopMonitoringResponse" />
</wsdl:message>
<wsdl:message name="SetSingleSessionPerUserSoapIn">
  <wsdl:part name="parameters" element="tns:SetSingleSessionPerUser" />
</wsdl:message>
<wsdl:message name="SetSingleSessionPerUserSoapOut">
  <wsdl:part name="parameters" element="tns:SetSingleSessionPerUserResponse" />
</wsdl:message>
<wsdl:message name="GetReplacementSslCertificateSoapIn">
  <wsdl:part name="parameters" element="tns:GetReplacementSslCertificate" />
</wsdl:message>
<wsdl:message name="GetReplacementSslCertificateSoapOut">
  <wsdl:part name="parameters" element="tns:GetReplacementSslCertificateResponse" />
</wsdl:message>
<wsdl:message name="SetReplacementSslCertificateSoapIn">
  <wsdl:part name="parameters" element="tns:SetReplacementSslCertificate" />
</wsdl:message>
<wsdl:message name="SetReplacementSslCertificateSoapOut">
  <wsdl:part name="parameters" element="tns:SetReplacementSslCertificateResponse" />
</wsdl:message>
<wsdl:message name="GetUseHardwareGpuSoapIn">
  <wsdl:part name="parameters" element="tns:GetUseHardwareGpu" />
</wsdl:message>
<wsdl:message name="GetUseHardwareGpuSoapOut">
  <wsdl:part name="parameters" element="tns:GetUseHardwareGpuResponse" />
</wsdl:message>
<wsdl:message name="SetUseHardwareGpuSoapIn">
  <wsdl:part name="parameters" element="tns:SetUseHardwareGpu" />
</wsdl:message>
<wsdl:message name="SetUseHardwareGpuSoapOut">
  <wsdl:part name="parameters" element="tns:SetUseHardwareGpuResponse" />
</wsdl:message>

<!-- IMultiPointStation -->
<wsdl:message name="GetNextStationIdentifierSoapIn">
  <wsdl:part name="parameters" element="tns:GetNextStationIdentifier" />
</wsdl:message>
<wsdl:message name="GetNextStationIdentifierSoapOut">
  <wsdl:part name="parameters" element="tns:GetNextStationIdentifierResponse" />
</wsdl:message>

<wsdl:message name="GetStationAlertStatusSoapIn">
  <wsdl:part name="parameters" element="tns:GetStationAlertStatus" />
</wsdl:message>
<wsdl:message name="GetStationAlertStatusSoapOut">
  <wsdl:part name="parameters" element="tns:GetStationAlertStatusResponse" />
</wsdl:message>

<wsdl:message name="GetStationAutoLogonInformationSoapIn">
  <wsdl:part name="parameters" element="tns:GetStationAutoLogonInformation" />
</wsdl:message>
<wsdl:message name="GetStationAutoLogonInformationSoapOut">
  <wsdl:part name="parameters" element="tns:GetStationAutoLogonInformationResponse" />
</wsdl:message>

<wsdl:message name="GetStationDeviceInformationSoapIn">
  <wsdl:part name="parameters" element="tns:GetStationDeviceInformation" />
</wsdl:message>
<wsdl:message name="GetStationDeviceInformationSoapOut">
  <wsdl:part name="parameters" element="tns:GetStationDeviceInformationResponse" />
</wsdl:message>

<wsdl:message name="GetStationFriendlyNameSoapIn">

```

```

    <wsdl:part name="parameters" element="tns:GetStationFriendlyName" />
</wsdl:message>
<wsdl:message name="GetStationFriendlyNameSoapOut">
    <wsdl:part name="parameters" element="tns:GetStationFriendlyNameResponse" />
</wsdl:message>

<wsdl:message name="GetStationInformationSoapIn">
    <wsdl:part name="parameters" element="tns:GetStationInformation" />
</wsdl:message>
<wsdl:message name="GetStationInformationSoapOut">
    <wsdl:part name="parameters" element="tns:GetStationInformationResponse" />
</wsdl:message>

<wsdl:message name="GetStationServerNameSoapIn">
    <wsdl:part name="parameters" element="tns:GetStationServerName" />
</wsdl:message>
<wsdl:message name="GetStationServerNameSoapOut">
    <wsdl:part name="parameters" element="tns:GetStationServerNameResponse" />
</wsdl:message>

<wsdl:message name="GetStationSplitScreenInformationSoapIn">
    <wsdl:part name="parameters" element="tns:GetStationSplitScreenInformation" />
</wsdl:message>
<wsdl:message name="GetStationSplitScreenInformationSoapOut">
    <wsdl:part name="parameters" element="tns:GetStationSplitScreenInformationResponse" />
</wsdl:message>

<wsdl:message name="IdentifyStationSoapIn">
    <wsdl:part name="parameters" element="tns:IdentifyStation" />
</wsdl:message>
<wsdl:message name="IdentifyStationSoapOut">
    <wsdl:part name="parameters" element="tns:IdentifyStationResponse" />
</wsdl:message>

<wsdl:message name="RefreshStationSoapIn">
    <wsdl:part name="parameters" element="tns:RefreshStation" />
</wsdl:message>
<wsdl:message name="RefreshStationSoapOut">
    <wsdl:part name="parameters" element="tns:RefreshStationResponse" />
</wsdl:message>

<wsdl:message name="RemapStationsSoapIn">
    <wsdl:part name="parameters" element="tns:RemapStations" />
</wsdl:message>
<wsdl:message name="RemapStationsSoapOut">
    <wsdl:part name="parameters" element="tns:RemapStationsResponse" />
</wsdl:message>

<wsdl:message name="BlockUsbStorageDevicesAllStationsSoapIn">
    <wsdl:part name="parameters" element="tns:BlockUsbStorageDevicesAllStations" />
</wsdl:message>
<wsdl:message name="BlockUsbStorageDevicesAllStationsSoapOut">
    <wsdl:part name="parameters" element="tns:BlockUsbStorageDevicesAllStationsResponse" />
</wsdl:message>

<wsdl:message name="UnblockUsbStorageDevicesAllStationsSoapIn">
    <wsdl:part name="parameters" element="tns:UnblockUsbStorageDevicesAllStations" />
</wsdl:message>
<wsdl:message name="UnblockUsbStorageDevicesAllStationsSoapOut">
    <wsdl:part name="parameters" element="tns:UnblockUsbStorageDevicesAllStationsResponse" />
</wsdl:message>

<wsdl:message name="BlockUsbStorageDevicesSoapIn">
    <wsdl:part name="parameters" element="tns:BlockUsbStorageDevices" />
</wsdl:message>
<wsdl:message name="BlockUsbStorageDevicesSoapOut">
    <wsdl:part name="parameters" element="tns:BlockUsbStorageDevicesResponse" />
</wsdl:message>

```



```

<wsdl:message name="UnblockUsbStorageDevicesSoapIn">
  <wsdl:part name="parameters" element="tns:UnblockUsbStorageDevices" />
</wsdl:message>
<wsdl:message name="UnblockUsbStorageDevicesSoapOut">
  <wsdl:part name="parameters" element="tns:UnblockUsbStorageDevicesResponse" />
</wsdl:message>

<wsdl:message name="IsUsbStorageDeviceBlockedSoapIn">
  <wsdl:part name="parameters" element="tns:IsUsbStorageDeviceBlocked" />
</wsdl:message>
<wsdl:message name="IsUsbStorageDeviceBlockedSoapOut">
  <wsdl:part name="parameters" element="tns:IsUsbStorageDeviceBlockedResponse" />
</wsdl:message>

<wsdl:message name="SetStationAutoLogonSoapIn">
  <wsdl:part name="parameters" element="tns:SetStationAutoLogon" />
</wsdl:message>
<wsdl:message name="SetStationAutoLogonSoapOut">
  <wsdl:part name="parameters" element="tns:SetStationAutoLogonResponse" />
</wsdl:message>

<wsdl:message name="SetStationFriendlyNameSoapIn">
  <wsdl:part name="parameters" element="tns:SetStationFriendlyName" />
</wsdl:message>
<wsdl:message name="SetStationFriendlyNameSoapOut">
  <wsdl:part name="parameters" element="tns:SetStationFriendlyNameResponse" />
</wsdl:message>

<wsdl:message name="SetStationServerNameSoapIn">
  <wsdl:part name="parameters" element="tns:SetStationServerName" />
</wsdl:message>
<wsdl:message name="SetStationServerNameSoapOut">
  <wsdl:part name="parameters" element="tns:SetStationServerNameResponse" />
</wsdl:message>

<wsdl:message name="SplitStationSoapIn">
  <wsdl:part name="parameters" element="tns:SplitStation" />
</wsdl:message>
<wsdl:message name="SplitStationSoapOut">
  <wsdl:part name="parameters" element="tns:SplitStationResponse" />
</wsdl:message>

<wsdl:message name="StopIdentifyingStationSoapIn">
  <wsdl:part name="parameters" element="tns:StopIdentifyingStation" />
</wsdl:message>
<wsdl:message name="StopIdentifyingStationSoapOut">
  <wsdl:part name="parameters" element="tns:StopIdentifyingStationResponse" />
</wsdl:message>

<wsdl:message name="GetDisplayRotationSoapIn">
  <wsdl:part name="parameters" element="tns:GetDisplayRotation" />
</wsdl:message>
<wsdl:message name="GetDisplayRotationSoapOut">
  <wsdl:part name="parameters" element="tns:GetDisplayRotationResponse" />
</wsdl:message>

<wsdl:message name="SetDisplayRotationSoapIn">
  <wsdl:part name="parameters" element="tns:SetDisplayRotation" />
</wsdl:message>
<wsdl:message name="SetDisplayRotationSoapOut">
  <wsdl:part name="parameters" element="tns:SetDisplayRotationResponse" />
</wsdl:message>

<!-- IMultiPointSession -->
<wsdl:message name="CurrentActivitySoapIn">
  <wsdl:part name="parameters" element="tns:CurrentActivity" />
</wsdl:message>
<wsdl:message name="CurrentActivitySoapOut">
  <wsdl:part name="parameters" element="tns:CurrentActivityResponse" />

```

```

</wsdl:message>

<wsdl:message name="CloseSessionApplicationSoapIn">
  <wsdl:part name="parameters" element="tns:CloseSessionApplication" />
</wsdl:message>
<wsdl:message name="CloseSessionApplicationSoapOut">
  <wsdl:part name="parameters" element="tns:CloseSessionApplicationResponse" />
</wsdl:message>

<wsdl:message name="ConfigureWebLimitingSoapIn">
  <wsdl:part name="parameters" element="tns:ConfigureWebLimiting" />
</wsdl:message>
<wsdl:message name="ConfigureWebLimitingSoapOut">
  <wsdl:part name="parameters" element="tns:ConfigureWebLimitingResponse" />
</wsdl:message>

<wsdl:message name="ConfigureWebLimitingAllSoapIn">
  <wsdl:part name="parameters" element="tns:ConfigureWebLimitingAll" />
</wsdl:message>
<wsdl:message name="ConfigureWebLimitingAllSoapOut">
  <wsdl:part name="parameters" element="tns:ConfigureWebLimitingAllResponse" />
</wsdl:message>

<wsdl:message name="EnableProjectToAllSoapIn">
  <wsdl:part name="parameters" element="tns:EnableProjectToAll" />
</wsdl:message>
<wsdl:message name="EnableProjectToAllSoapOut">
  <wsdl:part name="parameters" element="tns:EnableProjectToAllResponse" />
</wsdl:message>

<wsdl:message name="EnableWebLimitingAllSoapIn">
  <wsdl:part name="parameters" element="tns:EnableWebLimitingAll" />
</wsdl:message>
<wsdl:message name="EnableWebLimitingAllSoapOut">
  <wsdl:part name="parameters" element="tns:EnableWebLimitingAllResponse" />
</wsdl:message>

<wsdl:message name="GetScreenStateSoapIn">
  <wsdl:part name="parameters" element="tns:GetScreenState" />
</wsdl:message>
<wsdl:message name="GetScreenStateSoapOut">
  <wsdl:part name="parameters" element="tns:GetScreenStateResponse" />
</wsdl:message>

<wsdl:message name="GetSessionAgentStatusSoapIn">
  <wsdl:part name="parameters" element="tns:GetSessionAgentStatus" />
</wsdl:message>
<wsdl:message name="GetSessionAgentStatusSoapOut">
  <wsdl:part name="parameters" element="tns:GetSessionAgentStatusResponse" />
</wsdl:message>

<wsdl:message name="GetSessionRunningAppsSoapIn">
  <wsdl:part name="parameters" element="tns:GetSessionRunningApps" />
</wsdl:message>
<wsdl:message name="GetSessionRunningAppsSoapOut">
  <wsdl:part name="parameters" element="tns:GetSessionRunningAppsResponse" />
</wsdl:message>

<wsdl:message name="GetThumbnailBitsSoapIn">
  <wsdl:part name="parameters" element="tns:GetThumbnailBits" />
</wsdl:message>
<wsdl:message name="GetThumbnailBitsSoapOut">
  <wsdl:part name="parameters" element="tns:GetThumbnailBitsResponse" />
</wsdl:message>

<wsdl:message name="IdentifySessionSoapIn">
  <wsdl:part name="parameters" element="tns:IdentifySession" />
</wsdl:message>
<wsdl:message name="IdentifySessionSoapOut">

```

```

    <wsdl:part name="parameters" element="tns:IdentifySessionResponse" />
</wsdl:message>

<wsdl:message name="GetSessionFlagsSoapIn">
  <wsdl:part name="parameters" element="tns:GetSessionFlags" />
</wsdl:message>
<wsdl:message name="GetSessionFlagsSoapOut">
  <wsdl:part name="parameters" element="tns:GetSessionFlagsResponse" />
</wsdl:message>

<wsdl:message name="LockSessionSoapIn">
  <wsdl:part name="parameters" element="tns:LockSession" />
</wsdl:message>
<wsdl:message name="LockSessionSoapOut">
  <wsdl:part name="parameters" element="tns:LockSessionResponse" />
</wsdl:message>

<wsdl:message name="LogOffSessionSoapIn">
  <wsdl:part name="parameters" element="tns:LogOffSession" />
</wsdl:message>
<wsdl:message name="LogOffSessionSoapOut">
  <wsdl:part name="parameters" element="tns:LogOffSessionResponse" />
</wsdl:message>

<wsdl:message name="RunFileSessionSoapIn">
  <wsdl:part name="parameters" element="tns:RunFileSession" />
</wsdl:message>
<wsdl:message name="RunFileSessionSoapOut">
  <wsdl:part name="parameters" element="tns:RunFileSessionResponse" />
</wsdl:message>

<wsdl:message name="ShareDesktopSoapIn">
  <wsdl:part name="parameters" element="tns:ShareDesktop" />
</wsdl:message>
<wsdl:message name="ShareDesktopSoapOut">
  <wsdl:part name="parameters" element="tns:ShareDesktopResponse" />
</wsdl:message>

<wsdl:message name="StopIdentifyingSessionSoapIn">
  <wsdl:part name="parameters" element="tns:StopIdentifyingSession" />
</wsdl:message>
<wsdl:message name="StopIdentifyingSessionSoapOut">
  <wsdl:part name="parameters" element="tns:StopIdentifyingSessionResponse" />
</wsdl:message>

<wsdl:message name="StopLockingSessionSoapIn">
  <wsdl:part name="parameters" element="tns:StopLockingSession" />
</wsdl:message>
<wsdl:message name="StopLockingSessionSoapOut">
  <wsdl:part name="parameters" element="tns:StopLockingSessionResponse" />
</wsdl:message>

<wsdl:message name="StopShareDesktopSoapIn">
  <wsdl:part name="parameters" element="tns:StopShareDesktop" />
</wsdl:message>
<wsdl:message name="StopShareDesktopSoapOut">
  <wsdl:part name="parameters" element="tns:StopShareDesktopResponse" />
</wsdl:message>

<wsdl:message name="ViewDesktopSoapIn">
  <wsdl:part name="parameters" element="tns:ViewDesktop" />
</wsdl:message>
<wsdl:message name="ViewDesktopSoapOut">
  <wsdl:part name="parameters" element="tns:ViewDesktopResponse" />
</wsdl:message>

<wsdl:message name="DisconnectSessionSoapIn">
  <wsdl:part name="parameters" element="tns:DisconnectSession" />
</wsdl:message>

```

```

<wsdl:message name="DisconnectSessionSoapOut">
  <wsdl:part name="parameters" element="tns:DisconnectSessionResponse" />
</wsdl:message>
<wsdl:message name="LogOffConsoleSessionSoapIn">
  <wsdl:part name="parameters" element="tns:LogOffConsoleSession" />
</wsdl:message>
<wsdl:message name="LogOffConsoleSessionSoapOut">
  <wsdl:part name="parameters" element="tns:LogOffConsoleSessionResponse" />
</wsdl:message>

<!-- IMultiPointDiskProtection -->
<wsdl:message name="GetFreeSpaceNeededSoapIn">
  <wsdl:part name="parameters" element="tns:GetFreeSpaceNeeded" />
</wsdl:message>
<wsdl:message name="GetFreeSpaceNeededSoapOut">
  <wsdl:part name="parameters" element="tns:GetFreeSpaceNeededResponse" />
</wsdl:message>

<wsdl:message name="GetModeSoapIn">
  <wsdl:part name="parameters" element="tns:GetMode" />
</wsdl:message>
<wsdl:message name="GetModeSoapOut">
  <wsdl:part name="parameters" element="tns:GetModeResponse" />
</wsdl:message>

<wsdl:message name="GetScheduledUpdateSettingsSoapIn">
  <wsdl:part name="parameters" element="tns:GetScheduledUpdateSettings" />
</wsdl:message>
<wsdl:message name="GetScheduledUpdateSettingsSoapOut">
  <wsdl:part name="parameters" element="tns:GetScheduledUpdateSettingsResponse" />
</wsdl:message>

<wsdl:message name="InstallSoapIn">
  <wsdl:part name="parameters" element="tns:Install" />
</wsdl:message>
<wsdl:message name="InstallSoapOut">
  <wsdl:part name="parameters" element="tns:InstallResponse" />
</wsdl:message>

<wsdl:message name="IsInstalledSoapIn">
  <wsdl:part name="parameters" element="tns:IsInstalled" />
</wsdl:message>
<wsdl:message name="IsInstalledSoapOut">
  <wsdl:part name="parameters" element="tns:IsInstalledResponse" />
</wsdl:message>

<wsdl:message name="SetModeSoapIn">
  <wsdl:part name="parameters" element="tns:SetMode" />
</wsdl:message>
<wsdl:message name="SetModeSoapOut">
  <wsdl:part name="parameters" element="tns:SetModeResponse" />
</wsdl:message>

<wsdl:message name="SetScheduledUpdateSettingsSoapIn">
  <wsdl:part name="parameters" element="tns:SetScheduledUpdateSettings" />
</wsdl:message>
<wsdl:message name="SetScheduledUpdateSettingsSoapOut">
  <wsdl:part name="parameters" element="tns:SetScheduledUpdateSettingsResponse" />
</wsdl:message>

<wsdl:message name="UninstallSoapIn">
  <wsdl:part name="parameters" element="tns:Uninstall" />
</wsdl:message>
<wsdl:message name="UninstallSoapOut">
  <wsdl:part name="parameters" element="tns:UninstallResponse" />
</wsdl:message>

```

```

<!-- IMultiPointChat -->
<wsdl:message name="ConnectSoapIn">
  <wsdl:part name="parameters" element="tns:Connect" />
</wsdl:message>
<wsdl:message name="ConnectSoapOut">
  <wsdl:part name="parameters" element="tns:ConnectResponse" />
</wsdl:message>

<wsdl:message name="DisconnectSoapIn">
  <wsdl:part name="parameters" element="tns:Disconnect" />
</wsdl:message>
<wsdl:message name="DisconnectSoapOut">
  <wsdl:part name="parameters" element="tns:DisconnectResponse" />
</wsdl:message>

<wsdl:message name="GetChatIdSoapIn">
  <wsdl:part name="parameters" element="tns:GetChatId" />
</wsdl:message>
<wsdl:message name="GetChatIdSoapOut">
  <wsdl:part name="parameters" element="tns:GetChatIdResponse" />
</wsdl:message>

<wsdl:message name="PingSoapIn">
  <wsdl:part name="parameters" element="tns:Ping" />
</wsdl:message>
<wsdl:message name="PingSoapOut">
  <wsdl:part name="parameters" element="tns:PingResponse" />
</wsdl:message>

<wsdl:message name="SendErrorSoapIn">
  <wsdl:part name="parameters" element="tns:SendError" />
</wsdl:message>
<wsdl:message name="SendErrorSoapOut">
  <wsdl:part name="parameters" element="tns:SendErrorResponse" />
</wsdl:message>

<wsdl:message name="SendMsgSoapIn">
  <wsdl:part name="parameters" element="tns:SendMsg" />
</wsdl:message>
<wsdl:message name="SendMsgSoapOut">
  <wsdl:part name="parameters" element="tns:SendMsgResponse" />
</wsdl:message>

<!-- IMultiPointCoreEventSink -->
<wsdl:message name="OnAssociateSessionWithStationSoapIn">
  <wsdl:part name="parameters" element="tns:OnAssociateSessionWithStation" />
</wsdl:message>
<wsdl:message name="OnAssociateSessionWithStationSoapOut">
  <wsdl:part name="parameters" element="tns:OnAssociateSessionWithStationResponse" />
</wsdl:message>

<wsdl:message name="OnBeginIdentifySessionSoapIn">
  <wsdl:part name="parameters" element="tns:OnBeginIdentifySession" />
</wsdl:message>
<wsdl:message name="OnBeginIdentifySessionSoapOut">
  <wsdl:part name="parameters" element="tns:OnBeginIdentifySessionResponse" />
</wsdl:message>

<wsdl:message name="OnBeginIdentifyStationSoapIn">
  <wsdl:part name="parameters" element="tns:OnBeginIdentifyStation" />
</wsdl:message>
<wsdl:message name="OnBeginIdentifyStationSoapOut">
  <wsdl:part name="parameters" element="tns:OnBeginIdentifyStationResponse" />
</wsdl:message>

<wsdl:message name="OnBootToConsoleModeChangeSoapIn">
  <wsdl:part name="parameters" element="tns:OnBootToConsoleModeChange" />
</wsdl:message>
<wsdl:message name="OnBootToConsoleModeChangeSoapOut">

```

```

    <wsdl:part name="parameters" element="tns:OnBootToConsoleModeChangeResponse" />
</wsdl:message>

<wsdl:message name="OnConfigureStationSoapIn">
  <wsdl:part name="parameters" element="tns:OnConfigureStation" />
</wsdl:message>
<wsdl:message name="OnConfigureStationSoapOut">
  <wsdl:part name="parameters" element="tns:OnConfigureStationResponse" />
</wsdl:message>

<wsdl:message name="OnDesktopMonitoringChangeSoapIn">
  <wsdl:part name="parameters" element="tns:OnDesktopMonitoringChange" />
</wsdl:message>
<wsdl:message name="OnDesktopMonitoringChangeSoapOut">
  <wsdl:part name="parameters" element="tns:OnDesktopMonitoringChangeResponse" />
</wsdl:message>

<wsdl:message name="OnDeviceAddedSoapIn">
  <wsdl:part name="parameters" element="tns:OnDeviceAdded" />
</wsdl:message>
<wsdl:message name="OnDeviceAddedSoapOut">
  <wsdl:part name="parameters" element="tns:OnDeviceAddedResponse" />
</wsdl:message>

<wsdl:message name="OnDeviceRemovedSoapIn">
  <wsdl:part name="parameters" element="tns:OnDeviceRemoved" />
</wsdl:message>
<wsdl:message name="OnDeviceRemovedSoapOut">
  <wsdl:part name="parameters" element="tns:OnDeviceRemovedResponse" />
</wsdl:message>

<wsdl:message name="OnEndIdentifySessionSoapIn">
  <wsdl:part name="parameters" element="tns:OnEndIdentifySession" />
</wsdl:message>
<wsdl:message name="OnEndIdentifySessionSoapOut">
  <wsdl:part name="parameters" element="tns:OnEndIdentifySessionResponse" />
</wsdl:message>

<wsdl:message name="OnEndIdentifyStationSoapIn">
  <wsdl:part name="parameters" element="tns:OnEndIdentifyStation" />
</wsdl:message>
<wsdl:message name="OnEndIdentifyStationSoapOut">
  <wsdl:part name="parameters" element="tns:OnEndIdentifyStationResponse" />
</wsdl:message>

<wsdl:message name="OnEnterSplitScreenSoapIn">
  <wsdl:part name="parameters" element="tns:OnEnterSplitScreen" />
</wsdl:message>
<wsdl:message name="OnEnterSplitScreenSoapOut">
  <wsdl:part name="parameters" element="tns:OnEnterSplitScreenResponse" />
</wsdl:message>

<wsdl:message name="OnExitSplitScreenSoapIn">
  <wsdl:part name="parameters" element="tns:OnExitSplitScreen" />
</wsdl:message>
<wsdl:message name="OnExitSplitScreenSoapOut">
  <wsdl:part name="parameters" element="tns:OnExitSplitScreenResponse" />
</wsdl:message>

<wsdl:message name="OnManagedServerOfflineSoapIn">
  <wsdl:part name="parameters" element="tns:OnManagedServerOffline" />
</wsdl:message>
<wsdl:message name="OnManagedServerOfflineSoapOut">
  <wsdl:part name="parameters" element="tns:OnManagedServerOfflineResponse" />
</wsdl:message>

<wsdl:message name="OnManagedServerOnlineSoapIn">
  <wsdl:part name="parameters" element="tns:OnManagedServerOnline" />
</wsdl:message>

```

```

<wsdl:message name="OnManagedServerOnlineSoapOut">
  <wsdl:part name="parameters" element="tns:OnManagedServerOnlineResponse" />
</wsdl:message>

<wsdl:message name="OnPeerServerAddedSoapIn">
  <wsdl:part name="parameters" element="tns:OnPeerServerAdded" />
</wsdl:message>
<wsdl:message name="OnPeerServerAddedSoapOut">
  <wsdl:part name="parameters" element="tns:OnPeerServerAddedResponse" />
</wsdl:message>

<wsdl:message name="OnPeerServerDiscoveredSoapIn">
  <wsdl:part name="parameters" element="tns:OnPeerServerDiscovered" />
</wsdl:message>
<wsdl:message name="OnPeerServerDiscoveredSoapOut">
  <wsdl:part name="parameters" element="tns:OnPeerServerDiscoveredResponse" />
</wsdl:message>

<wsdl:message name="OnPeerServerRemovedSoapIn">
  <wsdl:part name="parameters" element="tns:OnPeerServerRemoved" />
</wsdl:message>
<wsdl:message name="OnPeerServerRemovedSoapOut">
  <wsdl:part name="parameters" element="tns:OnPeerServerRemovedResponse" />
</wsdl:message>

<wsdl:message name="OnProjectionStateChangeSoapIn">
  <wsdl:part name="parameters" element="tns:OnProjectionStateChange" />
</wsdl:message>
<wsdl:message name="OnProjectionStateChangeSoapOut">
  <wsdl:part name="parameters" element="tns:OnProjectionStateChangeResponse" />
</wsdl:message>

<wsdl:message name="OnScheduledUpdateSettingsChangedSoapIn">
  <wsdl:part name="parameters" element="tns:OnScheduledUpdateSettingsChanged" />
</wsdl:message>
<wsdl:message name="OnScheduledUpdateSettingsChangedSoapOut">
  <wsdl:part name="parameters" element="tns:OnScheduledUpdateSettingsChangedResponse" />
</wsdl:message>

<wsdl:message name="OnServiceControlSessionChangeSoapIn">
  <wsdl:part name="parameters" element="tns:OnServiceControlSessionChange" />
</wsdl:message>
<wsdl:message name="OnServiceControlSessionChangeSoapOut">
  <wsdl:part name="parameters" element="tns:OnServiceControlSessionChangeResponse" />
</wsdl:message>

<wsdl:message name="OnSessionAgentReadySoapIn">
  <wsdl:part name="parameters" element="tns:OnSessionAgentReady" />
</wsdl:message>
<wsdl:message name="OnSessionAgentReadySoapOut">
  <wsdl:part name="parameters" element="tns:OnSessionAgentReadyResponse" />
</wsdl:message>

<wsdl:message name="OnSessionBlockedSoapIn">
  <wsdl:part name="parameters" element="tns:OnSessionBlocked" />
</wsdl:message>
<wsdl:message name="OnSessionBlockedSoapOut">
  <wsdl:part name="parameters" element="tns:OnSessionBlockedResponse" />
</wsdl:message>

<wsdl:message name="OnSessionConnectingSoapIn">
  <wsdl:part name="parameters" element="tns:OnSessionConnecting" />
</wsdl:message>
<wsdl:message name="OnSessionConnectingSoapOut">
  <wsdl:part name="parameters" element="tns:OnSessionConnectingResponse" />
</wsdl:message>

<wsdl:message name="OnSessionDisconnectedSoapIn">
  <wsdl:part name="parameters" element="tns:OnSessionDisconnected" />

```

```

</wsdl:message>
<wsdl:message name="OnSessionDisconnectedSoapOut">
  <wsdl:part name="parameters" element="tns:OnSessionDisconnectedResponse" />
</wsdl:message>

<wsdl:message name="OnSessionUnblockedSoapIn">
  <wsdl:part name="parameters" element="tns:OnSessionUnblocked" />
</wsdl:message>
<wsdl:message name="OnSessionUnblockedSoapOut">
  <wsdl:part name="parameters" element="tns:OnSessionUnblockedResponse" />
</wsdl:message>

<wsdl:message name="OnStationAddedSoapIn">
  <wsdl:part name="parameters" element="tns:OnStationAdded" />
</wsdl:message>
<wsdl:message name="OnStationAddedSoapOut">
  <wsdl:part name="parameters" element="tns:OnStationAddedResponse" />
</wsdl:message>

<wsdl:message name="OnStationAlertSoapIn">
  <wsdl:part name="parameters" element="tns:OnStationAlert" />
</wsdl:message>
<wsdl:message name="OnStationAlertSoapOut">
  <wsdl:part name="parameters" element="tns:OnStationAlertResponse" />
</wsdl:message>

<wsdl:message name="OnStationRemovedSoapIn">
  <wsdl:part name="parameters" element="tns:OnStationRemoved" />
</wsdl:message>
<wsdl:message name="OnStationRemovedSoapOut">
  <wsdl:part name="parameters" element="tns:OnStationRemovedResponse" />
</wsdl:message>

<wsdl:message name="OnSystemAlertSoapIn">
  <wsdl:part name="parameters" element="tns:OnSystemAlert" />
</wsdl:message>
<wsdl:message name="OnSystemAlertSoapOut">
  <wsdl:part name="parameters" element="tns:OnSystemAlertResponse" />
</wsdl:message>

<wsdl:message name="OnSystemModeChangeSoapIn">
  <wsdl:part name="parameters" element="tns:OnSystemModeChange" />
</wsdl:message>
<wsdl:message name="OnSystemModeChangeSoapOut">
  <wsdl:part name="parameters" element="tns:OnSystemModeChangeResponse" />
</wsdl:message>

<wsdl:message name="OnVirtualDesktopNotificationSoapIn">
  <wsdl:part name="parameters" element="tns:OnVirtualDesktopNotification" />
</wsdl:message>
<wsdl:message name="OnVirtualDesktopNotificationSoapOut">
  <wsdl:part name="parameters" element="tns:OnVirtualDesktopNotificationResponse" />
</wsdl:message>

<wsdl:message name="OnVirtualDesktopOnlineSoapIn">
  <wsdl:part name="parameters" element="tns:OnVirtualDesktopOnline" />
</wsdl:message>
<wsdl:message name="OnVirtualDesktopOnlineSoapOut">
  <wsdl:part name="parameters" element="tns:OnVirtualDesktopOnlineResponse" />
</wsdl:message>

<wsdl:message name="ShutdownNotificationSoapIn">
  <wsdl:part name="parameters" element="tns:ShutdownNotification" />
</wsdl:message>
<wsdl:message name="ShutdownNotificationSoapOut">
  <wsdl:part name="parameters" element="tns:ShutdownNotificationResponse" />
</wsdl:message>

<wsdl:message name="OnUserCreatedSoapIn">

```



```

    <wsdl:part name="parameters" element="tns:OnUserCreated" />
  </wsdl:message>
  <wsdl:message name="OnUserCreatedSoapOut">
    <wsdl:part name="parameters" element="tns:OnUserCreatedResponse" />
  </wsdl:message>

  <wsdl:message name="OnUserUpdatedSoapIn">
    <wsdl:part name="parameters" element="tns:OnUserUpdated" />
  </wsdl:message>
  <wsdl:message name="OnUserUpdatedSoapOut">
    <wsdl:part name="parameters" element="tns:OnUserUpdatedResponse" />
  </wsdl:message>

  <wsdl:message name="OnUserDeletedSoapIn">
    <wsdl:part name="parameters" element="tns:OnUserDeleted" />
  </wsdl:message>
  <wsdl:message name="OnUserDeletedSoapOut">
    <wsdl:part name="parameters" element="tns:OnUserDeletedResponse" />
  </wsdl:message>

  <wsdl:message name="OnGroupUpdatedSoapIn">
    <wsdl:part name="parameters" element="tns:OnGroupUpdated" />
  </wsdl:message>
  <wsdl:message name="OnGroupUpdatedSoapOut">
    <wsdl:part name="parameters" element="tns:OnGroupUpdatedResponse" />
  </wsdl:message>

  <wsdl:portType name="IMultiPointCertificateRequest">
    <wsdl:operation name="GetProtocolVersion">
      <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCertificateRequest/GetProtocolVersion" message="tns:GetProtocolVersionSoapIn" />
      <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCertificateRequest/GetProtocolVersionResponse" message="tns:GetProtocolVersionSoapOut" />
      <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="RequestSslCertificate">
      <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCertificateRequest/RequestSslCertificate" message="tns:RequestSslCertificateSoapIn" />
      <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCertificateRequest/RequestSslCertificateResponse" message="tns:RequestSslCertificateSoapOut" />
      <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" message="tns:WmsFaultMessage" />
    </wsdl:operation>
  </wsdl:portType>

  <wsdl:portType name="IMultiPointCredentialRequest">
    <wsdl:operation name="SetSslCertificate">
      <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCredentialRequest/SetSslCertificate" message="tns:SetSslCertificateSoapIn" />
      <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCredentialRequest/SetSslCertificateResponse" message="tns:SetSslCertificateSoapOut" />
      <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="RequestWmsControlCredentials">
      <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCredentialRequest/RequestWmsControlCredentials" message="tns:RequestWmsControlCredentialsSoapIn" />

```

```

    <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCredentialRequest/RequestWmsControlCredentialsResponse" message="tns:RequestWmsControlCredentialsSoapOut" />
    <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
</wsdl:portType>

    <wsdl:portType name="IMultiPointSystemOnlineEventSink">
    <wsdl:operation name="OnManagedServerOfflineNotify">
    <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSystemOnlineEventSink/OnManagedServerOfflineNotify" message="tns:OnManagedServerOfflineNotifySoapIn" />
    <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSystemOnlineEventSink/OnManagedServerOfflineNotify" message="tns:OnManagedServerOfflineNotifySoapOut" />
    <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="OnManagedServerOnlineNotify">
    <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSystemOnlineEventSink/OnManagedServerOnlineNotify" message="tns:OnManagedServerOnlineNotifySoapIn" />
    <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSystemOnlineEventSink/OnManagedServerOnlineNotify" message="tns:OnManagedServerOnlineNotifySoapOut" />
    <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="OnNewServerCertificateReady">
    <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSystemOnlineEventSink/OnNewServerCertificateReady" message="tns:OnNewServerCertificateReadySoapIn" />
    <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSystemOnlineEventSink/OnNewServerCertificateReady" message="tns:OnNewServerCertificateReadySoapOut" />
    <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
</wsdl:portType>

    <wsdl:portType name="IMultiPointServer">
    <wsdl:operation name="GetAllSessions">
    <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetAllSessions"
message="tns:GetAllSessionsSoapIn" />
    <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetAllSessionsResponse"
message="tns:GetAllSessionsSoapOut" />
    <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="GetClientVersion">
    <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetClientVersion"
message="tns:GetClientVersionSoapIn" />
    <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetClientVersionResponse"
message="tns:GetClientVersionSoapOut" />
    <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="GetPeerWmsServerList">
    <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetPeerWmsServerList"
message="tns:GetPeerWmsServerListSoapIn" />
    <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetPeerWmsServerListResponse"
message="tns:GetPeerWmsServerListSoapOut" />

```

```

        <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="GetPeerWmsConnectorList">
        <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetPeerWmsConnectorList"
message="tns:GetPeerWmsConnectorListSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetPeerWmsConnectorListResp
onse" message="tns:GetPeerWmsConnectorListSoapOut" />
        <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="GetServerVersion">
        <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetServerVersion"
message="tns:GetServerVersionSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetServerVersionResponse"
message="tns:GetServerVersionSoapOut" />
        <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="GetSystemAlertStatus">
        <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetSystemAlertStatus"
message="tns:GetSystemAlertStatusSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetSystemAlertStatusRespons
e" message="tns:GetSystemAlertStatusSoapOut" />
        <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="GetSystemMode">
        <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetSystemMode"
message="tns:GetSystemModeSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetSystemModeResponse"
message="tns:GetSystemModeSoapOut" />
        <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="GetVirtualMachineIpAddress">
        <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetVirtualMachineIpAddress"
message="tns:GetVirtualMachineIpAddressSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetVirtualMachineIpAddressR
esponse" message="tns:GetVirtualMachineIpAddressSoapOut" />
        <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="OnboardVirtualDesktop">
        <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/OnboardVirtualDesktop"
message="tns:OnboardVirtualDesktopSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/OnboardVirtualDesktopRespon
se" message="tns:OnboardVirtualDesktopSoapOut" />
        <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="Reboot">
        <wsdl:input wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/Reboot"
message="tns:RebootSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/RebootResponse"
message="tns:RebootSoapOut" />

```

```

        <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="RegisterChatEventSink">
        <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/RegisterChatEventSink"
message="tns:RegisterChatEventSinkSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/RegisterChatEventSinkRespon
se" message="tns:RegisterChatEventSinkSoapOut" />
        <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="RegisterCoreEventSink">
        <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/RegisterCoreEventSink"
message="tns:RegisterCoreEventSinkSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/RegisterCoreEventSinkRespon
se" message="tns:RegisterCoreEventSinkSoapOut" />
        <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="Shutdown">
        <wsdl:input wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/Shutdown"
message="tns:ShutdownSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/ShutdownResponse"
message="tns:ShutdownSoapOut" />
        <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="UnregisterChatEventSink">
        <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/UnregisterChatEventSink"
message="tns:UnregisterChatEventSinkSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/UnregisterChatEventSinkResp
onse" message="tns:UnregisterChatEventSinkSoapOut" />
        <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="UnregisterCoreEventSink">
        <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/UnregisterCoreEventSink"
message="tns:UnregisterCoreEventSinkSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/UnregisterCoreEventSinkResp
onse" message="tns:UnregisterCoreEventSinkSoapOut" />
        <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="EnableChat">
        <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/EnableChat"
message="tns:EnableChatSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/EnableChatResponse"
message="tns:EnableChatSoapOut" />
        <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="GetLicenseCount">
        <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetLicenseCount"
message="tns:GetLicenseCountSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetLicenseCountResponse"
message="tns:GetLicenseCountSoapOut" />

```

```

        <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="GetManagedSystemsType">
        <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetManagedSystemsType"
message="tns:GetManagedSystemsTypeSoapIn" />
            <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetManagedSystemsTypeResponse"
message="tns:GetManagedSystemsTypeSoapOut" />
                <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
            </wsdl:operation>
    <wsdl:operation name="GetNetJoinStatus">
        <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetNetJoinStatus"
message="tns:GetNetJoinStatusSoapIn" />
            <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetNetJoinStatusResponse"
message="tns:GetNetJoinStatusSoapOut" />
                <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
            </wsdl:operation>
    <wsdl:operation name="GetVirtualMachineHostname">
        <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetVirtualMachineHostname"
message="tns:GetVirtualMachineHostnameSoapIn" />
            <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetVirtualMachineHostnameResponse"
message="tns:GetVirtualMachineHostnameSoapOut" />
                <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
            </wsdl:operation>
    <wsdl:operation name="GetWmsWebLimiting">
        <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetWmsWebLimiting"
message="tns:GetWmsWebLimitingSoapIn" />
            <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetWmsWebLimitingResponse"
message="tns:GetWmsWebLimitingSoapOut" />
                <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
            </wsdl:operation>
    <wsdl:operation name="IsBootToConsoleMode">
        <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/IsBootToConsoleMode"
message="tns:IsBootToConsoleModeSoapIn" />
            <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/IsBootToConsoleModeResponse"
message="tns:IsBootToConsoleModeSoapOut" />
                <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
            </wsdl:operation>
    <wsdl:operation name="IsAdminOrchestrationMode">
        <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/IsAdminOrchestrationMode"
message="tns:IsAdminOrchestrationModeSoapIn" />
            <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/IsAdminOrchestrationModeResponse"
message="tns:IsAdminOrchestrationModeSoapOut" />
                <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
            </wsdl:operation>
    <wsdl:operation name="IsChatEnabled">
        <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/IsChatEnabled"
message="tns:IsChatEnabledSoapIn" />

```

```

    <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/IsChatEnabledResponse"
message="tns:IsChatEnabledSoapOut" />
    <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="IsDesktopMonitoringAllowed">
    <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/IsDesktopMonitoringAllowed"
message="tns:IsDesktopMonitoringAllowedSoapIn" />
    <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/IsDesktopMonitoringAllowedR
esponse" message="tns:IsDesktopMonitoringAllowedSoapOut" />
    <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="IsHypervisorPresent">
    <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/IsHypervisorPresent"
message="tns:IsHypervisorPresentSoapIn" />
    <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/IsHypervisorPresentResponse
" message="tns:IsHypervisorPresentSoapOut" />
    <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="IsSingleSessionPerUser">
    <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/IsSingleSessionPerUser"
message="tns:IsSingleSessionPerUserSoapIn" />
    <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/IsSingleSessionPerUserRespo
nse" message="tns:IsSingleSessionPerUserSoapOut" />
    <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="IsSuppressPrivacyNotificationSet">
    <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/IsSuppressPrivacyNotificati
onSet" message="tns:IsSuppressPrivacyNotificationSetSoapIn" />
    <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/IsSuppressPrivacyNotificati
onSetResponse" message="tns:IsSuppressPrivacyNotificationSetSoapOut" />
    <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="IsVirtualIpPerSessionEnabled">
    <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/IsVirtualIpPerSessionEnable
d" message="tns:IsVirtualIpPerSessionEnabledSoapIn" />
    <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/IsVirtualIpPerSessionEnable
dResponse" message="tns:IsVirtualIpPerSessionEnabledSoapOut" />
    <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="LoadWindowsEdition">
    <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/LoadWindowsEdition"
message="tns:LoadWindowsEditionSoapIn" />
    <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/LoadWindowsEditionResponse"
message="tns:LoadWindowsEditionSoapOut" />
    <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="SetBlockAllMessage">

```

```

    <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/SetBlockAllMessage"
message="tns:SetBlockAllMessageSoapIn" />
    <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/SetBlockAllMessageResponse"
message="tns:SetBlockAllMessageSoapOut" />
    <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="SetBootToConsoleMode">
    <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/SetBootToConsoleMode"
message="tns:SetBootToConsoleModeSoapIn" />
    <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/SetBootToConsoleModeResponse"
message="tns:SetBootToConsoleModeSoapOut" />
    <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="SetAdminOrchestrationMode">
    <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/SetAdminOrchestrationMode"
message="tns:SetAdminOrchestrationModeSoapIn" />
    <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/SetAdminOrchestrationModeResponse"
message="tns:SetAdminOrchestrationModeSoapOut" />
    <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="SetSuppressPrivacyNotification">
    <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/SetSuppressPrivacyNotification"
message="tns:SetSuppressPrivacyNotificationSoapIn" />
    <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/SetSuppressPrivacyNotificationResponse"
message="tns:SetSuppressPrivacyNotificationSoapOut" />
    <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="ValidateAutoLogonAccount">
    <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/ValidateAutoLogonAccount"
message="tns:ValidateAutoLogonAccountSoapIn" />
    <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/ValidateAutoLogonAccountResponse"
message="tns:ValidateAutoLogonAccountSoapOut" />
    <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="EnableVirtualIpPerSession">
    <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/EnableVirtualIpPerSession"
message="tns:EnableVirtualIpPerSessionSoapIn" />
    <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/EnableVirtualIpPerSessionResponse"
message="tns:EnableVirtualIpPerSessionSoapOut" />
    <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="SetDesktopMonitoring">
    <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/SetDesktopMonitoring"
message="tns:SetDesktopMonitoringSoapIn" />
    <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/SetDesktopMonitoringResponse"
message="tns:SetDesktopMonitoringSoapOut" />
    <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>

```

```

    <wsdl:operation name="SetSingleSessionPerUser">
      <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/SetSingleSessionPerUser"
message="tns:SetSingleSessionPerUserSoapIn" />
      <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/SetSingleSessionPerUserResp
onse" message="tns:SetSingleSessionPerUserSoapOut" />
      <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="GetReplacementSslCertificate">
      <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetReplacementSslCertificat
e" message="tns:GetReplacementSslCertificateSoapIn" />
      <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetReplacementSslCertificat
eResponse" message="tns:GetReplacementSslCertificateSoapOut" />
      <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="SetReplacementSslCertificate">
      <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/SetReplacementSslCertificat
e" message="tns:SetReplacementSslCertificateSoapIn" />
      <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/SetReplacementSslCertificat
eResponse" message="tns:SetReplacementSslCertificateSoapOut" />
      <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="GetUseHardwareGpu">
      <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetUseHardwareGpu"
message="tns:GetUseHardwareGpuSoapIn" />
      <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetUseHardwareGpuResponse"
message="tns:GetUseHardwareGpuSoapOut" />
      <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="SetUseHardwareGpu">
      <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/SetUseHardwareGpu"
message="tns:SetUseHardwareGpuSoapIn" />
      <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/SetUseHardwareGpuResponse"
message="tns:SetUseHardwareGpuSoapOut" />
      <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
  </wsdl:portType>

  <wsdl:portType name="IMultiPointUserManager">
    <wsdl:operation name="AddUser">
      <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointUserManager/AddUser"
message="tns:AddUserSoapIn" />
      <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointUserManager/AddUserResponse"
message="tns:AddUserSoapOut" />
      <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="EnumerateUsers">
      <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointUserManager/EnumerateUsers"
message="tns:EnumerateUsersSoapIn" />

```



```

        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointUserManager/EnumerateUsersResponse
" message="tns:EnumerateUsersSoapOut" />
        <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="RemoveUser">
        <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointUserManager/RemoveUser"
message="tns:RemoveUserSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointUserManager/RemoveUserResponse"
message="tns:RemoveUserSoapOut" />
        <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="SetUserInfo">
        <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointUserManager/SetUserInfo"
message="tns:SetUserInfoSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointUserManager/SetUserInfoResponse"
message="tns:SetUserInfoSoapOut" />
        <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
</wsdl:portType>

<wsdl:portType name="IMultiPointStation">
    <wsdl:operation name="GetNextStationIdentifier">
        <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/GetNextStationIdentifier"
message="tns:GetNextStationIdentifierSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/GetNextStationIdentifierRe
sponse" message="tns:GetNextStationIdentifierSoapOut" />
        <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="GetStationAlertStatus">
        <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationAlertStatus"
message="tns:GetStationAlertStatusSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationAlertStatusRespo
nse" message="tns:GetStationAlertStatusSoapOut" />
        <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="GetStationAutoLogonInformation">
        <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationAutoLogonInforma
tion" message="tns:GetStationAutoLogonInformationSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationAutoLogonInforma
tionResponse" message="tns:GetStationAutoLogonInformationSoapOut" />
        <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="GetStationDeviceInformation">
        <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationDeviceInformatio
n" message="tns:GetStationDeviceInformationSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationDeviceInformatio
nResponse" message="tns:GetStationDeviceInformationSoapOut" />
        <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />

```

```

    </wsdl:operation>
    <wsdl:operation name="GetStationFriendlyName">
      <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationFriendlyName"
message="tns:GetStationFriendlyNameSoapIn" />
      <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationFriendlyNameResponse"
message="tns:GetStationFriendlyNameSoapOut" />
      <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="GetStationInformation">
      <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationInformation"
message="tns:GetStationInformationSoapIn" />
      <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationInformationResponse"
message="tns:GetStationInformationSoapOut" />
      <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="GetStationServerName">
      <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationServerName"
message="tns:GetStationServerNameSoapIn" />
      <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationServerNameResponse"
message="tns:GetStationServerNameSoapOut" />
      <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="GetStationSplitScreenInformation">
      <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationSplitScreenInformation"
message="tns:GetStationSplitScreenInformationSoapIn" />
      <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationSplitScreenInformationResponse"
message="tns:GetStationSplitScreenInformationSoapOut" />
      <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="IdentifyStation">
      <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/IdentifyStation"
message="tns:IdentifyStationSoapIn" />
      <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/IdentifyStationResponse"
message="tns:IdentifyStationSoapOut" />
      <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="RefreshStation">
      <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/RefreshStation"
message="tns:RefreshStationSoapIn" />
      <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/RefreshStationResponse"
message="tns:RefreshStationSoapOut" />
      <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="RemapStations">
      <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/RemapStations"
message="tns:RemapStationsSoapIn" />
      <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/RemapStationsResponse"
message="tns:RemapStationsSoapOut" />

```

```

        <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="BlockUsbStorageDevicesAllStations">
        <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/BlockUsbStorageDevicesAllS
tations" message="tns:BlockUsbStorageDevicesAllStationsSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/BlockUsbStorageDevicesAllS
tationsResponse" message="tns:BlockUsbStorageDevicesAllStationsSoapOut" />
        <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="UnblockUsbStorageDevicesAllStations">
        <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/UnblockUsbStorageDevicesAl
lStations" message="tns:UnblockUsbStorageDevicesAllStationsSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/UnblockUsbStorageDevicesAl
lStationsResponse" message="tns:UnblockUsbStorageDevicesAllStationsSoapOut" />
        <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="BlockUsbStorageDevices">
        <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/BlockUsbStorageDevices"
message="tns:BlockUsbStorageDevicesSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/BlockUsbStorageDevicesResp
onse" message="tns:BlockUsbStorageDevicesSoapOut" />
        <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="UnblockUsbStorageDevices">
        <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/UnblockUsbStorageDevices"
message="tns:UnblockUsbStorageDevicesSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/UnblockUsbStorageDevicesRe
sponse" message="tns:UnblockUsbStorageDevicesSoapOut" />
        <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="IsUsbStorageDeviceBlocked">
        <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/IsUsbStorageDeviceBlocked"
message="tns:IsUsbStorageDeviceBlockedSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/IsUsbStorageDeviceBlockedR
esponse" message="tns:IsUsbStorageDeviceBlockedSoapOut" />
        <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="SetStationAutoLogon">
        <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/SetStationAutoLogon"
message="tns:SetStationAutoLogonSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/SetStationAutoLogonRespons
e" message="tns:SetStationAutoLogonSoapOut" />
        <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="SetStationFriendlyName">
        <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/SetStationFriendlyName"
message="tns:SetStationFriendlyNameSoapIn" />

```

```

        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/SetStationFriendlyNameResp
onse" message="tns:SetStationFriendlyNameSoapOut" />
        <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
        </wsdl:operation>
        <wsdl:operation name="SetStationServerName">
        <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/SetStationServerName"
message="tns:SetStationServerNameSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/SetStationServerNameRespon
se" message="tns:SetStationServerNameSoapOut" />
        <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
        </wsdl:operation>
        <wsdl:operation name="SplitStation">
        <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/SplitStation"
message="tns:SplitStationSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/SplitStationResponse"
message="tns:SplitStationSoapOut" />
        <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
        </wsdl:operation>
        <wsdl:operation name="StopIdentifyingStation">
        <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/StopIdentifyingStation"
message="tns:StopIdentifyingStationSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/StopIdentifyingStationResp
onse" message="tns:StopIdentifyingStationSoapOut" />
        <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
        </wsdl:operation>
        <wsdl:operation name="GetDisplayRotation">
        <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/GetDisplayRotation"
message="tns:GetDisplayRotationSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/GetDisplayRotationResponse
" message="tns:GetDisplayRotationSoapOut" />
        <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
        </wsdl:operation>
        <wsdl:operation name="SetDisplayRotation">
        <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/SetDisplayRotation"
message="tns:SetDisplayRotationSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/SetDisplayRotationResponse
" message="tns:SetDisplayRotationSoapOut" />
        <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
        </wsdl:operation>
        </wsdl:portType>

        <wsdl:portType name="IMultiPointSession">
        <wsdl:operation name="CurrentActivity">
        <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/CurrentActivity"
message="tns:CurrentActivitySoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/CurrentActivityResponse"
message="tns:CurrentActivitySoapOut" />
        <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
        </wsdl:operation>

```

```

    <wsdl:operation name="CloseSessionApplication">
      <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/CloseSessionApplication"
message="tns:CloseSessionApplicationSoapIn" />
      <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/CloseSessionApplicationRes
ponse" message="tns:CloseSessionApplicationSoapOut" />
      <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="ConfigureWebLimiting">
      <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/ConfigureWebLimiting"
message="tns:ConfigureWebLimitingSoapIn" />
      <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/ConfigureWebLimitingRespon
se" message="tns:ConfigureWebLimitingSoapOut" />
      <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="ConfigureWebLimitingAll">
      <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/ConfigureWebLimitingAll"
message="tns:ConfigureWebLimitingAllSoapIn" />
      <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/ConfigureWebLimitingAllRes
ponse" message="tns:ConfigureWebLimitingAllSoapOut" />
      <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="EnableProjectToAll">
      <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/EnableProjectToAll"
message="tns:EnableProjectToAllSoapIn" />
      <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/EnableProjectToAllRespon
se" message="tns:EnableProjectToAllSoapOut" />
      <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="EnableWebLimitingAll">
      <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/EnableWebLimitingAll"
message="tns:EnableWebLimitingAllSoapIn" />
      <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/EnableWebLimitingAllRespon
se" message="tns:EnableWebLimitingAllSoapOut" />
      <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="GetScreenState">
      <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/GetScreenState"
message="tns:GetScreenStateSoapIn" />
      <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/GetScreenStateResponse"
message="tns:GetScreenStateSoapOut" />
      <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="GetSessionAgentStatus">
      <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/GetSessionAgentStatus"
message="tns:GetSessionAgentStatusSoapIn" />
      <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/GetSessionAgentStatusRespo
nse" message="tns:GetSessionAgentStatusSoapOut" />
      <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />

```

```

    </wsdl:operation>
    <wsdl:operation name="GetSessionRunningApps">
      <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/GetSessionRunningApps"
message="tns:GetSessionRunningAppsSoapIn" />
      <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/GetSessionRunningAppsRespo
nse" message="tns:GetSessionRunningAppsSoapOut" />
      <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="GetThumbnailBits">
      <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/GetThumbnailBits"
message="tns:GetThumbnailBitsSoapIn" />
      <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/GetThumbnailBitsResponse"
message="tns:GetThumbnailBitsSoapOut" />
      <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="IdentifySession">
      <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/IdentifySession"
message="tns:IdentifySessionSoapIn" />
      <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/IdentifySessionResponse"
message="tns:IdentifySessionSoapOut" />
      <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="GetSessionFlags">
      <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/GetSessionFlags"
message="tns:GetSessionFlagsSoapIn" />
      <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/GetSessionFlagsResponse"
message="tns:GetSessionFlagsSoapOut" />
      <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="LockSession">
      <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/LockSession"
message="tns:LockSessionSoapIn" />
      <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/LockSessionResponse"
message="tns:LockSessionSoapOut" />
      <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="LogOffSession">
      <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/LogOffSession"
message="tns:LogOffSessionSoapIn" />
      <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/LogOffSessionResponse"
message="tns:LogOffSessionSoapOut" />
      <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="RunFileSession">
      <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/RunFileSession"
message="tns:RunFileSessionSoapIn" />
      <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/RunFileSessionResponse"
message="tns:RunFileSessionSoapOut" />

```

```

        <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="ShareDesktop">
        <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/ShareDesktop"
message="tns:ShareDesktopSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/ShareDesktopResponse"
message="tns:ShareDesktopSoapOut" />
        <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="StopIdentifyingSession">
        <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/StopIdentifyingSession"
message="tns:StopIdentifyingSessionSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/StopIdentifyingSessionResp
onse" message="tns:StopIdentifyingSessionSoapOut" />
        <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="StopLockingSession">
        <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/StopLockingSession"
message="tns:StopLockingSessionSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/StopLockingSessionResponse"
" message="tns:StopLockingSessionSoapOut" />
        <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="StopShareDesktop">
        <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/StopShareDesktop"
message="tns:StopShareDesktopSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/StopShareDesktopResponse"
message="tns:StopShareDesktopSoapOut" />
        <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="ViewDesktop">
        <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/ViewDesktop"
message="tns:ViewDesktopSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/ViewDesktopResponse"
message="tns:ViewDesktopSoapOut" />
        <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="DisconnectSession">
        <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/DisconnectSession"
message="tns:DisconnectSessionSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/DisconnectSessionResponse"
message="tns:DisconnectSessionSoapOut" />
        <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="LogOffConsoleSession">
        <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/LogOffConsoleSession"
message="tns:LogOffConsoleSessionSoapIn" />

```

```

        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/LogOffConsoleSessionResponse"
message="tns:LogOffConsoleSessionSoapOut" />
        <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
        </wsdl:operation>

</wsdl:portType>

<wsdl:portType name="IMultiPointDiskProtection">
    <wsdl:operation name="GetFreeSpaceNeeded">
        <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/GetFreeSpaceNeeded"
message="tns:GetFreeSpaceNeededSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/GetFreeSpaceNeededResponse"
message="tns:GetFreeSpaceNeededSoapOut" />
        <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
        </wsdl:operation>
        <wsdl:operation name="GetMode">
            <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/GetMode"
message="tns:GetModeSoapIn" />
            <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/GetModeResponse"
message="tns:GetModeSoapOut" />
            <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
            </wsdl:operation>
            <wsdl:operation name="GetScheduledUpdateSettings">
                <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/GetScheduledUpdateSettings"
message="tns:GetScheduledUpdateSettingsSoapIn" />
                <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/GetScheduledUpdateSettingsResponse"
message="tns:GetScheduledUpdateSettingsSoapOut" />
                <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
                </wsdl:operation>
                <wsdl:operation name="Install">
                    <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/Install"
message="tns:InstallSoapIn" />
                    <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/InstallResponse"
message="tns:InstallSoapOut" />
                    <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
                    </wsdl:operation>
                    <wsdl:operation name="IsInstalled">
                        <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/IsInstalled"
message="tns:IsInstalledSoapIn" />
                        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/IsInstalledResponse"
message="tns:IsInstalledSoapOut" />
                        <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
                        </wsdl:operation>
                        <wsdl:operation name="SetMode">
                            <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/SetMode"
message="tns:SetModeSoapIn" />
                            <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/SetModeResponse"
message="tns:SetModeSoapOut" />
                            <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />

```



```

    </wsdl:operation>
    <wsdl:operation name="SetScheduledUpdateSettings">
      <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/SetScheduledUpdateSettings" message="tns:SetScheduledUpdateSettingsSoapIn" />
      <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/SetScheduledUpdateSettingsResponse" message="tns:SetScheduledUpdateSettingsSoapOut" />
      <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="Uninstall">
      <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/Uninstall" message="tns:UninstallSoapIn" />
      <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/UninstallResponse" message="tns:UninstallSoapOut" />
      <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" message="tns:WmsFaultMessage" />
    </wsdl:operation>
  </wsdl:portType>

  <wsdl:portType name="IMultiPointChat">
    <wsdl:operation name="Connect">
      <wsdl:input wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointChat/Connect" message="tns:ConnectSoapIn" />
      <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointChat/ConnectResponse" message="tns:ConnectSoapOut" />
      <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="Disconnect">
      <wsdl:input wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointChat/Disconnect" message="tns:DisconnectSoapIn" />
      <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointChat/DisconnectResponse" message="tns:DisconnectSoapOut" />
      <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="GetChatId">
      <wsdl:input wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointChat/GetChatId" message="tns:GetChatIdSoapIn" />
      <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointChat/GetChatIdResponse" message="tns:GetChatIdSoapOut" />
      <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="Ping">
      <wsdl:input wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointChat/Ping" message="tns:PingSoapIn" />
      <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointChat/PingResponse" message="tns:PingSoapOut" />
      <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="SendError">
      <wsdl:input wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointChat/SendError" message="tns:SendErrorSoapIn" />
      <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointChat/SendErrorResponse" message="tns:SendErrorSoapOut" />
      <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" message="tns:WmsFaultMessage" />
    </wsdl:operation>
  </wsdl:portType>

```

```

    <wsdl:operation name="SendMsg">
      <wsdl:input wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointChat/SendMsg"
message="tns:SendMsgSoapIn" />
      <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointChat/SendMsgResponse"
message="tns:SendMsgSoapOut" />
      <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
  </wsdl:portType>

  <wsdl:portType name="IMultiPointCoreEventSink">
    <wsdl:operation name="OnAssociateSessionWithStation">
      <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnAssociateSessionWi
thStation" message="tns:OnAssociateSessionWithStationSoapIn" />
      <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnAssociateSessionWi
thStationResponse" message="tns:OnAssociateSessionWithStationSoapOut" />
      <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="OnBeginIdentifySession">
      <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnBeginIdentifySessi
on" message="tns:OnBeginIdentifySessionSoapIn" />
      <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnBeginIdentifySessi
onResponse" message="tns:OnBeginIdentifySessionSoapOut" />
      <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="OnBeginIdentifyStation">
      <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnBeginIdentifyStati
on" message="tns:OnBeginIdentifyStationSoapIn" />
      <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnBeginIdentifyStati
onResponse" message="tns:OnBeginIdentifyStationSoapOut" />
      <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="OnBootToConsoleModeChange">
      <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnBootToConsoleModeC
hange" message="tns:OnBootToConsoleModeChangeSoapIn" />
      <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnBootToConsoleModeC
hangeResponse" message="tns:OnBootToConsoleModeChangeSoapOut" />
      <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="OnConfigureStation">
      <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnConfigureStation"
message="tns:OnConfigureStationSoapIn" />
      <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnConfigureStationRe
sponse" message="tns:OnConfigureStationSoapOut" />
      <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="OnDesktopMonitoringChange">
      <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnDesktopMonitoringC
hange" message="tns:OnDesktopMonitoringChangeSoapIn" />
      <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnDesktopMonitoringC
hangeResponse" message="tns:OnDesktopMonitoringChangeSoapOut" />

```

```

        <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="OnDeviceAdded">
        <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnDeviceAdded"
message="tns:OnDeviceAddedSoapIn" />
            <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnDeviceAddedResponse"
message="tns:OnDeviceAddedSoapOut" />
                <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
            </wsdl:operation>
        <wsdl:operation name="OnDeviceRemoved">
            <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnDeviceRemoved"
message="tns:OnDeviceRemovedSoapIn" />
                <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnDeviceRemovedResponse"
message="tns:OnDeviceRemovedSoapOut" />
                    <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
                </wsdl:operation>
            <wsdl:operation name="OnEndIdentifySession">
                <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnEndIdentifySession"
message="tns:OnEndIdentifySessionSoapIn" />
                    <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnEndIdentifySessionResponse"
message="tns:OnEndIdentifySessionSoapOut" />
                        <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
                    </wsdl:operation>
                <wsdl:operation name="OnEndIdentifyStation">
                    <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnEndIdentifyStation"
message="tns:OnEndIdentifyStationSoapIn" />
                        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnEndIdentifyStationResponse"
message="tns:OnEndIdentifyStationSoapOut" />
                            <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
                        </wsdl:operation>
                    <wsdl:operation name="OnEnterSplitScreen">
                        <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnEnterSplitScreen"
message="tns:OnEnterSplitScreenSoapIn" />
                            <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnEnterSplitScreenResponse"
message="tns:OnEnterSplitScreenSoapOut" />
                                <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
                            </wsdl:operation>
                        <wsdl:operation name="OnExitSplitScreen">
                            <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnExitSplitScreen"
message="tns:OnExitSplitScreenSoapIn" />
                                <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnExitSplitScreenResponse"
message="tns:OnExitSplitScreenSoapOut" />
                                    <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
                                </wsdl:operation>
                            <wsdl:operation name="OnManagedServerOffline">
                                <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnManagedServerOffline"
message="tns:OnManagedServerOfflineSoapIn" />
                                    <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnManagedServerOfflineResponse"
message="tns:OnManagedServerOfflineSoapOut" />
                                        <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
                                    </wsdl:operation>
                                </wsdl:operation>
                            </wsdl:operation>
                        </wsdl:operation>
                    </wsdl:operation>
                </wsdl:operation>
            </wsdl:operation>
        </wsdl:operation>
    </wsdl:operation>

```

```

    <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnManagedServerOfflineResponse" message="tns:OnManagedServerOfflineSoapOut" />
    <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="OnManagedServerOnline">
    <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnManagedServerOnline" message="tns:OnManagedServerOnlineSoapIn" />
    <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnManagedServerOnlineResponse" message="tns:OnManagedServerOnlineSoapOut" />
    <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="OnPeerServerAdded">
    <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnPeerServerAdded" message="tns:OnPeerServerAddedSoapIn" />
    <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnPeerServerAddedResponse" message="tns:OnPeerServerAddedSoapOut" />
    <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="OnPeerServerDiscovered">
    <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnPeerServerDiscovered" message="tns:OnPeerServerDiscoveredSoapIn" />
    <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnPeerServerDiscoveredResponse" message="tns:OnPeerServerDiscoveredSoapOut" />
    <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="OnPeerServerRemoved">
    <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnPeerServerRemoved" message="tns:OnPeerServerRemovedSoapIn" />
    <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnPeerServerRemovedResponse" message="tns:OnPeerServerRemovedSoapOut" />
    <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="OnProjectionStateChange">
    <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnProjectionStateChange" message="tns:OnProjectionStateChangeSoapIn" />
    <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnProjectionStateChangeResponse" message="tns:OnProjectionStateChangeSoapOut" />
    <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="OnScheduledUpdateSettingsChanged">
    <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnScheduledUpdateSettingsChanged" message="tns:OnScheduledUpdateSettingsChangedSoapIn" />
    <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnScheduledUpdateSettingsChangedResponse" message="tns:OnScheduledUpdateSettingsChangedSoapOut" />
    <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="OnServiceControlSessionChange">

```

```

    <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnServiceControlSessionChange" message="tns:OnServiceControlSessionChangeSoapIn" />
    <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnServiceControlSessionChangeResponse" message="tns:OnServiceControlSessionChangeSoapOut" />
    <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="OnSessionAgentReady">
    <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnSessionAgentReady" message="tns:OnSessionAgentReadySoapIn" />
    <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnSessionAgentReadyResponse" message="tns:OnSessionAgentReadySoapOut" />
    <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="OnSessionBlocked">
    <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnSessionBlocked" message="tns:OnSessionBlockedSoapIn" />
    <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnSessionBlockedResponse" message="tns:OnSessionBlockedSoapOut" />
    <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="OnSessionConnecting">
    <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnSessionConnecting" message="tns:OnSessionConnectingSoapIn" />
    <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnSessionConnectingResponse" message="tns:OnSessionConnectingSoapOut" />
    <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="OnSessionDisconnected">
    <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnSessionDisconnected" message="tns:OnSessionDisconnectedSoapIn" />
    <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnSessionDisconnectedResponse" message="tns:OnSessionDisconnectedSoapOut" />
    <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="OnSessionUnblocked">
    <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnSessionUnblocked" message="tns:OnSessionUnblockedSoapIn" />
    <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnSessionUnblockedResponse" message="tns:OnSessionUnblockedSoapOut" />
    <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="OnStationAdded">
    <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnStationAdded" message="tns:OnStationAddedSoapIn" />
    <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnStationAddedResponse" message="tns:OnStationAddedSoapOut" />
    <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" message="tns:WmsFaultMessage" />
    </wsdl:operation>

```

```

    <wsdl:operation name="OnStationAlert">
      <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnStationAlert"
message="tns:OnStationAlertSoapIn" />
      <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnStationAlertResponse"
message="tns:OnStationAlertSoapOut" />
        <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
      </wsdl:operation>
    <wsdl:operation name="OnStationRemoved">
      <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnStationRemoved"
message="tns:OnStationRemovedSoapIn" />
      <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnStationRemovedResponse"
message="tns:OnStationRemovedSoapOut" />
        <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
      </wsdl:operation>
    <wsdl:operation name="OnSystemAlert">
      <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnSystemAlert"
message="tns:OnSystemAlertSoapIn" />
      <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnSystemAlertResponse"
message="tns:OnSystemAlertSoapOut" />
        <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
      </wsdl:operation>
    <wsdl:operation name="OnSystemModeChange">
      <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnSystemModeChange"
message="tns:OnSystemModeChangeSoapIn" />
      <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnSystemModeChangeResponse"
message="tns:OnSystemModeChangeSoapOut" />
        <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
      </wsdl:operation>
    <wsdl:operation name="OnVirtualDesktopNotification">
      <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnVirtualDesktopNotification"
message="tns:OnVirtualDesktopNotificationSoapIn" />
      <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnVirtualDesktopNotificationResponse"
message="tns:OnVirtualDesktopNotificationSoapOut" />
        <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
      </wsdl:operation>
    <wsdl:operation name="OnVirtualDesktopOnline">
      <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnVirtualDesktopOnline"
message="tns:OnVirtualDesktopOnlineSoapIn" />
      <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnVirtualDesktopOnlineResponse"
message="tns:OnVirtualDesktopOnlineSoapOut" />
        <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
      </wsdl:operation>
    <wsdl:operation name="ShutdownNotification">
      <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/ShutdownNotification"
message="tns:ShutdownNotificationSoapIn" />
      <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/ShutdownNotificationResponse"
message="tns:ShutdownNotificationSoapOut" />
        <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />

```

```

        </wsdl:operation>
        <wsdl:operation name="OnUserCreated">
            <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnUserCreated"
message="tns:OnUserCreatedSoapIn" />
            <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnUserCreatedResponse"
message="tns:OnUserCreatedSoapOut" />
            <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
        </wsdl:operation>
        <wsdl:operation name="OnUserUpdated">
            <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnUserUpdated"
message="tns:OnUserUpdatedSoapIn" />
            <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnUserUpdatedResponse"
message="tns:OnUserUpdatedSoapOut" />
            <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
        </wsdl:operation>
        <wsdl:operation name="OnUserDeleted">
            <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnUserDeleted"
message="tns:OnUserDeletedSoapIn" />
            <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnUserDeletedResponse"
message="tns:OnUserDeletedSoapOut" />
            <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
        </wsdl:operation>
        <wsdl:operation name="OnGroupUpdated">
            <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnGroupUpdated"
message="tns:OnGroupUpdatedSoapIn" />
            <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnGroupUpdatedResponse"
message="tns:OnGroupUpdatedSoapOut" />
            <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />
        </wsdl:operation>
    </wsdl:portType>

    <wsdl:binding name="MultiPointRemoting_IMultiPointCertificateRequest"
type="tns:IMultiPointCertificateRequest">
        <soap:binding transport="http://schemas.xmlsoap.org/soap/http" />
        <wsdl:operation name="GetProtocolVersion">
            <soap:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointCertificateRequest/GetProtocolVersion"
style="document" />
            <wsdl:input>
                <soap:body use="literal" />
            </wsdl:input>
            <wsdl:output>
                <soap:body use="literal" />
            </wsdl:output>
            <wsdl:fault name="WmsFault" />
        </wsdl:operation>
        <wsdl:operation name="RequestSslCertificate">
            <soap:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointCertificateRequest/RequestSslCertificate"
style="document" />
            <wsdl:input>
                <soap:body use="literal" />
            </wsdl:input>
            <wsdl:output>
                <soap:body use="literal" />
            </wsdl:output>
            <wsdl:fault name="WmsFault" />
        </wsdl:operation>
    </wsdl:binding>

```

```

    </wsdl:operation>
  </wsdl:binding>

  <wsdl:binding name="MultiPointRemoting_IMultiPointCredentialRequest"
type="tns:IMultiPointCredentialRequest">
    <wsp:PolicyReference URI='#policy' />
    <soap12:binding transport="http://schemas.xmlsoap.org/soap/http" />
    <wsdl:operation name="SetSslCertificate">
      <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointCredentialRequest/SetSslCertificate
" style="document" />
        <wsdl:input>
          <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
          <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
      </wsdl:operation>
    <wsdl:operation name="RequestWmsControlCredentials">
      <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointCredentialRequest/RequestWmsControl
Credentials" style="document" />
        <wsdl:input>
          <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
          <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
      </wsdl:operation>
    </wsdl:binding>

  <wsdl:binding name="MultiPointRemoting_IMultiPointSystemOnlineEventSink"
type="tns:IMultiPointSystemOnlineEventSink">
    <wsp:PolicyReference URI='#policy' />
    <soap12:binding transport="http://schemas.xmlsoap.org/soap/http" />
    <wsdl:operation name="OnManagedServerOfflineNotify">
      <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointSystemOnlineEventSink/OnManagedServ
erOfflineNotify" style="document" />
        <wsdl:input>
          <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
          <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
      </wsdl:operation>
    <wsdl:operation name="OnManagedServerOnlineNotify">
      <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointSystemOnlineEventSink/OnManagedServ
erOnlineNotify" style="document" />
        <wsdl:input>
          <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
          <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
      </wsdl:operation>
    <wsdl:operation name="OnNewServerCertificateReady">
      <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointSystemOnlineEventSink/OnNewServerCe
rtificateReady" style="document" />
        <wsdl:input>
          <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>

```



```

        <soap12:body use="literal" />
    </wsdl:output>
    <wsdl:fault name="WmsFault" />
</wsdl:operation>
</wsdl:binding>

<wsdl:binding name="MultiPointRemoting_IMultiPointServer" type="tns:IMultiPointServer">
    <wsp:PolicyReference URI='#policy' />
    <soap12:binding transport="http://schemas.xmlsoap.org/soap/http" />
    <wsdl:operation name="GetAllSessions">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointServer/GetAllSessions"
style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="GetClientVersion">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointServer/GetClientVersion"
style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="GetPeerWmsServerList">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointServer/GetPeerWmsServerList"
style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="GetPeerWmsConnectorList">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointServer/GetPeerWmsConnectorList"
style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="GetServerVersion">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointServer/GetServerVersion"
style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>

```

```

    <wsdl:operation name="GetSystemAlertStatus">
      <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointServer/GetSystemAlertStatus"
style="document" />
      <wsdl:input>
        <soap12:body use="literal" />
      </wsdl:input>
      <wsdl:output>
        <soap12:body use="literal" />
      </wsdl:output>
      <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="GetSystemMode">
      <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointServer/GetSystemMode"
style="document" />
      <wsdl:input>
        <soap12:body use="literal" />
      </wsdl:input>
      <wsdl:output>
        <soap12:body use="literal" />
      </wsdl:output>
      <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="GetVirtualMachineIpAddress">
      <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointServer/GetVirtualMachineIpAddress"
style="document" />
      <wsdl:input>
        <soap12:body use="literal" />
      </wsdl:input>
      <wsdl:output>
        <soap12:body use="literal" />
      </wsdl:output>
      <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="OnboardVirtualDesktop">
      <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointServer/OnboardVirtualDesktop"
style="document" />
      <wsdl:input>
        <soap12:body use="literal" />
      </wsdl:input>
      <wsdl:output>
        <soap12:body use="literal" />
      </wsdl:output>
      <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="Reboot">
      <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointServer/Reboot" style="document" />
      <wsdl:input>
        <soap12:body use="literal" />
      </wsdl:input>
      <wsdl:output>
        <soap12:body use="literal" />
      </wsdl:output>
      <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="RegisterChatEventSink">
      <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointServer/RegisterChatEventSink"
style="document" />
      <wsdl:input>
        <soap12:body use="literal" />
      </wsdl:input>
      <wsdl:output>
        <soap12:body use="literal" />
      </wsdl:output>

```

```

        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="RegisterCoreEventSink">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointServer/RegisterCoreEventSink"
style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="Shutdown">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointServer/Shutdown" style="document"
/>
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="UnregisterChatEventSink">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointServer/UnregisterChatEventSink"
style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="UnregisterCoreEventSink">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointServer/UnregisterCoreEventSink"
style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="EnableChat">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointServer/EnableChat" style="document"
/>
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="GetLicenseCount">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointServer/GetLicenseCount"
style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>

```

```

        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="GetManagedSystemsType">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointServer/GetManagedSystemsType"
style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="GetNetJoinStatus">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointServer/GetNetJoinStatus"
style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="GetVirtualMachineHostname">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointServer/GetVirtualMachineHostname"
style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="GetWmsWebLimiting">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointServer/GetWmsWebLimiting"
style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="IsBootToConsoleMode">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointServer/IsBootToConsoleMode"
style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="IsAdminOrchestrationMode">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointServer/IsAdminOrchestrationMode"
style="document" />

```

```

    <wsdl:input>
      <soap12:body use="literal" />
    </wsdl:input>
  <wsdl:output>
    <soap12:body use="literal" />
  </wsdl:output>
  <wsdl:fault name="WmsFault" />
</wsdl:operation>
<wsdl:operation name="IsChatEnabled">
  <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointServer/IsChatEnabled"
style="document" />
  <wsdl:input>
    <soap12:body use="literal" />
  </wsdl:input>
  <wsdl:output>
    <soap12:body use="literal" />
  </wsdl:output>
  <wsdl:fault name="WmsFault" />
</wsdl:operation>
<wsdl:operation name="IsDesktopMonitoringAllowed">
  <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointServer/IsDesktopMonitoringAllowed"
style="document" />
  <wsdl:input>
    <soap12:body use="literal" />
  </wsdl:input>
  <wsdl:output>
    <soap12:body use="literal" />
  </wsdl:output>
  <wsdl:fault name="WmsFault" />
</wsdl:operation>
<wsdl:operation name="IsHypervisorPresent">
  <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointServer/IsHypervisorPresent"
style="document" />
  <wsdl:input>
    <soap12:body use="literal" />
  </wsdl:input>
  <wsdl:output>
    <soap12:body use="literal" />
  </wsdl:output>
  <wsdl:fault name="WmsFault" />
</wsdl:operation>
<wsdl:operation name="IsSingleSessionPerUser">
  <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointServer/IsSingleSessionPerUser"
style="document" />
  <wsdl:input>
    <soap12:body use="literal" />
  </wsdl:input>
  <wsdl:output>
    <soap12:body use="literal" />
  </wsdl:output>
  <wsdl:fault name="WmsFault" />
</wsdl:operation>
<wsdl:operation name="IsSuppressPrivacyNotificationSet">
  <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointServer/IsSuppressPrivacyNotificationSet"
style="document" />
  <wsdl:input>
    <soap12:body use="literal" />
  </wsdl:input>
  <wsdl:output>
    <soap12:body use="literal" />
  </wsdl:output>
  <wsdl:fault name="WmsFault" />
</wsdl:operation>
<wsdl:operation name="IsVirtualIpPerSessionEnabled">

```

```

    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointServer/IsVirtualIpPerSessionEnabled
" style="document" />
    <wsdl:input>
        <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
        <soap12:body use="literal" />
    </wsdl:output>
    <wsdl:fault name="WmsFault" />
</wsdl:operation>
<wsdl:operation name="LoadWindowsEdition">
    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointServer/LoadWindowsEdition"
style="document" />
    <wsdl:input>
        <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
        <soap12:body use="literal" />
    </wsdl:output>
    <wsdl:fault name="WmsFault" />
</wsdl:operation>
<wsdl:operation name="SetBlockAllMessage">
    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointServer/SetBlockAllMessage"
style="document" />
    <wsdl:input>
        <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
        <soap12:body use="literal" />
    </wsdl:output>
    <wsdl:fault name="WmsFault" />
</wsdl:operation>
<wsdl:operation name="SetBootToConsoleMode">
    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointServer/SetBootToConsoleMode"
style="document" />
    <wsdl:input>
        <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
        <soap12:body use="literal" />
    </wsdl:output>
    <wsdl:fault name="WmsFault" />
</wsdl:operation>
<wsdl:operation name="SetAdminOrchestrationMode">
    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointServer/SetAdminOrchestrationMode"
style="document" />
    <wsdl:input>
        <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
        <soap12:body use="literal" />
    </wsdl:output>
    <wsdl:fault name="WmsFault" />
</wsdl:operation>
<wsdl:operation name="SetSuppressPrivacyNotification">
    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointServer/SetSuppressPrivacyNotificati
on" style="document" />
    <wsdl:input>
        <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
        <soap12:body use="literal" />
    </wsdl:output>

```

```

        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="ValidateAutoLogonAccount">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointServer/ValidateAutoLogonAccount"
style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="EnableVirtualIpPerSession">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointServer/EnableVirtualIpPerSession"
style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="SetDesktopMonitoring">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointServer/SetDesktopMonitoring"
style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="SetSingleSessionPerUser">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointServer/SetSingleSessionPerUser"
style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="GetReplacementSslCertificate">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointServer/GetReplacementSslCertificate"
style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="SetReplacementSslCertificate">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointServer/SetReplacementSslCertificate"
style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>

```

```

        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="GetUseHardwareGpu">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointServer/GetUseHardwareGpu"
style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="SetUseHardwareGpu">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointServer/SetUseHardwareGpu"
style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
</wsdl:binding>

    <wsdl:binding name="MultiPointRemoting_IMultiPointUserManager"
type="tns:IMultiPointUserManager">
        <wsp:PolicyReference URI='#policy' />
        <soap12:binding transport="http://schemas.xmlsoap.org/soap/http" />
        <wsdl:operation name="EnumerateUsers">
            <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointUserManager/EnumerateUsers"
style="document" />
            <wsdl:input>
                <soap12:body use="literal" />
            </wsdl:input>
            <wsdl:output>
                <soap12:body use="literal" />
            </wsdl:output>
            <wsdl:fault name="WmsFault" />
        </wsdl:operation>
        <wsdl:operation name="AddUser">
            <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointUserManager/AddUser"
style="document" />
            <wsdl:input>
                <soap12:body use="literal" />
            </wsdl:input>
            <wsdl:output>
                <soap12:body use="literal" />
            </wsdl:output>
            <wsdl:fault name="WmsFault" />
        </wsdl:operation>
        <wsdl:operation name="RemoveUser">
            <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointUserManager/RemoveUser"
style="document" />
            <wsdl:input>
                <soap12:body use="literal" />
            </wsdl:input>
            <wsdl:output>
                <soap12:body use="literal" />
            </wsdl:output>
        </wsdl:operation>
    </wsdl:binding>

```



```

        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="SetUserInfo">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointUserManager/SetUserInfo"
style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
</wsdl:binding>

<wsdl:binding name="MultiPointRemoting IMultiPointStation" type="tns:IMultiPointStation">
    <wsp:PolicyReference URI='#policy' />
    <soap12:binding transport="http://schemas.xmlsoap.org/soap/http" />
    <wsdl:operation name="GetNextStationIdentifier">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointStation/GetNextStationIdentifier"
style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="GetStationAlertStatus">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationAlertStatus"
style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="GetStationAutoLogonInformation">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationAutoLogonInformat
ion" style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="GetStationDeviceInformation">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationDeviceInformat
ion" style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>

```

```

    <wsdl:operation name="GetStationFriendlyName">
      <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationFriendlyName"
style="document" />
        <wsdl:input>
          <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
          <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
      </wsdl:operation>
    <wsdl:operation name="GetStationInformation">
      <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationInformation"
style="document" />
        <wsdl:input>
          <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
          <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
      </wsdl:operation>
    <wsdl:operation name="GetStationServerName">
      <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationServerName"
style="document" />
        <wsdl:input>
          <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
          <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
      </wsdl:operation>
    <wsdl:operation name="GetStationSplitScreenInformation">
      <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationSplitScreenInform
ation" style="document" />
        <wsdl:input>
          <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
          <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
      </wsdl:operation>
    <wsdl:operation name="IdentifyStation">
      <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointStation/IdentifyStation"
style="document" />
        <wsdl:input>
          <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
          <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
      </wsdl:operation>
    <wsdl:operation name="RefreshStation">
      <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointStation/RefreshStation"
style="document" />
        <wsdl:input>
          <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
          <soap12:body use="literal" />
        </wsdl:output>

```

```

        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="RemapStations">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointStation/RemapStations"
style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="BlockUsbStorageDevicesAllStations">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointStation/BlockUsbStorageDevicesAllStations" style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="UnblockUsbStorageDevicesAllStations">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointStation/UnblockUsbStorageDevicesAllStations" style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="BlockUsbStorageDevices">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointStation/BlockUsbStorageDevices"
style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="UnblockUsbStorageDevices">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointStation/UnblockUsbStorageDevices"
style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="IsUsbStorageDeviceBlocked">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointStation/IsUsbStorageDeviceBlocked"
style="document" />
        <wsdl:input>
            <soap12:body use="literal" />

```

```

        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="SetStationAutoLogon">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointStation/SetStationAutoLogon"
style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="SetStationFriendlyName">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointStation/SetStationFriendlyName"
style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="SetStationServerName">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointStation/SetStationServerName"
style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="SplitStation">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointStation/SplitStation"
style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="StopIdentifyingStation">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointStation/StopIdentifyingStation"
style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="GetDisplayRotation">

```

```

    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointStation/GetDisplayRotation"
style="document" />
    <wsdl:input>
        <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
        <soap12:body use="literal" />
    </wsdl:output>
    <wsdl:fault name="WmsFault" />
</wsdl:operation>
<wsdl:operation name="SetDisplayRotation">
    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointStation/SetDisplayRotation"
style="document" />
    <wsdl:input>
        <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
        <soap12:body use="literal" />
    </wsdl:output>
    <wsdl:fault name="WmsFault" />
</wsdl:operation>
</wsdl:binding>

<wsdl:binding name="MultiPointRemoting_IMultiPointSession" type="tns:IMultiPointSession">
    <wsp:PolicyReference URI='#policy' />
    <soap12:binding transport="http://schemas.xmlsoap.org/soap/http" />
    <wsdl:operation name="CurrentActivity">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointSession/CurrentActivity"
style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="CloseSessionApplication">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointSession/CloseSessionApplication"
style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="ConfigureWebLimiting">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointSession/ConfigureWebLimiting"
style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="ConfigureWebLimitingAll">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointSession/ConfigureWebLimitingAll"
style="document" />
        <wsdl:input>

```

```

        <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
        <soap12:body use="literal" />
    </wsdl:output>
    <wsdl:fault name="WmsFault" />
</wsdl:operation>
<wsdl:operation name="EnableProjectToAll">
    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointSession/EnableProjectToAll"
style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
<wsdl:operation name="EnableWebLimitingAll">
    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointSession/EnableWebLimitingAll"
style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
<wsdl:operation name="GetScreenState">
    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointSession/GetScreenState"
style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
<wsdl:operation name="GetSessionAgentStatus">
    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointSession/GetSessionAgentStatus"
style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
<wsdl:operation name="GetSessionRunningApps">
    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointSession/GetSessionRunningApps"
style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
<wsdl:operation name="GetThumbnailBits">

```

```

    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointSession/GetThumbnailBits"
style="document" />
    <wsdl:input>
        <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
        <soap12:body use="literal" />
    </wsdl:output>
    <wsdl:fault name="WmsFault" />
</wsdl:operation>
<wsdl:operation name="IdentifySession">
    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointSession/IdentifySession"
style="document" />
    <wsdl:input>
        <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
        <soap12:body use="literal" />
    </wsdl:output>
    <wsdl:fault name="WmsFault" />
</wsdl:operation>
<wsdl:operation name="GetSessionFlags">
    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointSession/GetSessionFlags"
style="document" />
    <wsdl:input>
        <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
        <soap12:body use="literal" />
    </wsdl:output>
    <wsdl:fault name="WmsFault" />
</wsdl:operation>
<wsdl:operation name="LockSession">
    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointSession/LockSession"
style="document" />
    <wsdl:input>
        <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
        <soap12:body use="literal" />
    </wsdl:output>
    <wsdl:fault name="WmsFault" />
</wsdl:operation>
<wsdl:operation name="LogOffSession">
    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointSession/LogOffSession"
style="document" />
    <wsdl:input>
        <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
        <soap12:body use="literal" />
    </wsdl:output>
    <wsdl:fault name="WmsFault" />
</wsdl:operation>
<wsdl:operation name="RunFileSession">
    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointSession/RunFileSession"
style="document" />
    <wsdl:input>
        <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
        <soap12:body use="literal" />
    </wsdl:output>

```

```

        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="ShareDesktop">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointSession/ShareDesktop"
style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="StopIdentifyingSession">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointSession/StopIdentifyingSession"
style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="StopLockingSession">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointSession/StopLockingSession"
style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="StopShareDesktop">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointSession/StopShareDesktop"
style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="ViewDesktop">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointSession/ViewDesktop"
style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="DisconnectSession">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointSession/DisconnectSession"
style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>

```



```

        <wsdl:output>
          <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
      </wsdl:operation>
      <wsdl:operation name="LogOffConsoleSession">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointSession/LogOffConsoleSession"
style="document" />
        <wsdl:input>
          <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
          <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
      </wsdl:operation>
    </wsdl:binding>

    <wsdl:binding name="MultiPointRemoting_IMultiPointDiskProtection"
type="tns:IMultiPointDiskProtection">
      <wsp:PolicyReference URI="#policy" />
      <soap12:binding transport="http://schemas.xmlsoap.org/soap/http" />
      <wsdl:operation name="GetFreeSpaceNeeded">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/GetFreeSpaceNeeded"
style="document" />
        <wsdl:input>
          <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
          <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
      </wsdl:operation>
      <wsdl:operation name="GetMode">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/GetMode"
style="document" />
        <wsdl:input>
          <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
          <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
      </wsdl:operation>
      <wsdl:operation name="GetScheduledUpdateSettings">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/GetScheduledUpdateSe
ttings" style="document" />
        <wsdl:input>
          <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
          <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
      </wsdl:operation>
      <wsdl:operation name="Install">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/Install"
style="document" />
        <wsdl:input>
          <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
          <soap12:body use="literal" />
        </wsdl:output>
      </wsdl:operation>
    </wsdl:binding>

```

```

        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="IsInstalled">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/IsInstalled"
style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="SetMode">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/SetMode"
style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="SetScheduledUpdateSettings">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/SetScheduledUpdateSe
ttings" style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="Uninstall">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/Uninstall"
style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
</wsdl:binding>

<wsdl:binding name="MultiPointRemoting_IMultiPointChat" type="tns:IMultiPointChat">
    <wsp:PolicyReference URI='#policy' />
    <soap12:binding transport="http://schemas.xmlsoap.org/soap/http" />
    <wsdl:operation name="Connect">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointChat/Connect" style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="Disconnect">

```

```

    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointChat/Disconnect" style="document"
/>
    <wsdl:input>
    <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
    <soap12:body use="literal" />
    </wsdl:output>
    <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="GetChatId">
    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointChat/GetChatId" style="document" />
    <wsdl:input>
    <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
    <soap12:body use="literal" />
    </wsdl:output>
    <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="Ping">
    <soap12:operation soapAction="http://MultiPoint/RemoteManagement/IMultiPointChat/Ping"
style="document" />
    <wsdl:input>
    <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
    <soap12:body use="literal" />
    </wsdl:output>
    <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="SendError">
    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointChat/SendError" style="document" />
    <wsdl:input>
    <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
    <soap12:body use="literal" />
    </wsdl:output>
    <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="SendMsg">
    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointChat/SendMsg" style="document" />
    <wsdl:input>
    <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
    <soap12:body use="literal" />
    </wsdl:output>
    <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    </wsdl:binding>

    <wsdl:binding name="MultiPointRemoting IMultiPointCoreEventSink"
type="tns:IMultiPointCoreEventSink">
    <wsp:PolicyReference URI="#policy" />
    <soap12:binding transport="http://schemas.xmlsoap.org/soap/http" />
    <wsdl:operation name="OnAssociateSessionWithStation">
    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnAssociateSessionWit
hStation" style="document" />
    <wsdl:input>
    <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>

```

```

        <soap12:body use="literal" />
    </wsdl:output>
    <wsdl:fault name="WmsFault" />
</wsdl:operation>
<wsdl:operation name="OnBeginIdentifySession">
    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnBeginIdentifySessio
n" style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
<wsdl:operation name="OnBeginIdentifyStation">
    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnBeginIdentifyStatio
n" style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
<wsdl:operation name="OnBootToConsoleModeChange">
    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnBootToConsoleModeCh
ange" style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
<wsdl:operation name="OnConfigureStation">
    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnConfigureStation"
style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
<wsdl:operation name="OnDesktopMonitoringChange">
    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnDesktopMonitoringCh
ange" style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
<wsdl:operation name="OnDeviceAdded">
    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnDeviceAdded"
style="document" />
        <wsdl:input>

```

```

        <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
        <soap12:body use="literal" />
    </wsdl:output>
    <wsdl:fault name="WmsFault" />
</wsdl:operation>
<wsdl:operation name="OnDeviceRemoved">
    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnDeviceRemoved"
style="document" />
    <wsdl:input>
        <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
        <soap12:body use="literal" />
    </wsdl:output>
    <wsdl:fault name="WmsFault" />
</wsdl:operation>
<wsdl:operation name="OnEndIdentifySession">
    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnEndIdentifySession"
style="document" />
    <wsdl:input>
        <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
        <soap12:body use="literal" />
    </wsdl:output>
    <wsdl:fault name="WmsFault" />
</wsdl:operation>
<wsdl:operation name="OnEndIdentifyStation">
    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnEndIdentifyStation"
style="document" />
    <wsdl:input>
        <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
        <soap12:body use="literal" />
    </wsdl:output>
    <wsdl:fault name="WmsFault" />
</wsdl:operation>
<wsdl:operation name="OnEnterSplitScreen">
    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnEnterSplitScreen"
style="document" />
    <wsdl:input>
        <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
        <soap12:body use="literal" />
    </wsdl:output>
    <wsdl:fault name="WmsFault" />
</wsdl:operation>
<wsdl:operation name="OnExitSplitScreen">
    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnExitSplitScreen"
style="document" />
    <wsdl:input>
        <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
        <soap12:body use="literal" />
    </wsdl:output>
    <wsdl:fault name="WmsFault" />
</wsdl:operation>
<wsdl:operation name="OnManagedServerOffline">

```

```

    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnManagedServerOffline" style="document" />
    <wsdl:input>
        <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
        <soap12:body use="literal" />
    </wsdl:output>
    <wsdl:fault name="WmsFault" />
</wsdl:operation>
<wsdl:operation name="OnManagedServerOnline">
    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnManagedServerOnline" style="document" />
    <wsdl:input>
        <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
        <soap12:body use="literal" />
    </wsdl:output>
    <wsdl:fault name="WmsFault" />
</wsdl:operation>
<wsdl:operation name="OnPeerServerAdded">
    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnPeerServerAdded" style="document" />
    <wsdl:input>
        <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
        <soap12:body use="literal" />
    </wsdl:output>
    <wsdl:fault name="WmsFault" />
</wsdl:operation>
<wsdl:operation name="OnPeerServerDiscovered">
    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnPeerServerDiscovered" style="document" />
    <wsdl:input>
        <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
        <soap12:body use="literal" />
    </wsdl:output>
    <wsdl:fault name="WmsFault" />
</wsdl:operation>
<wsdl:operation name="OnPeerServerRemoved">
    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnPeerServerRemoved" style="document" />
    <wsdl:input>
        <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
        <soap12:body use="literal" />
    </wsdl:output>
    <wsdl:fault name="WmsFault" />
</wsdl:operation>
<wsdl:operation name="OnProjectionStateChange">
    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnProjectionStateChange" style="document" />
    <wsdl:input>
        <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
        <soap12:body use="literal" />
    </wsdl:output>

```

```

        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="OnScheduledUpdateSettingsChanged">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnScheduledUpdateSettingsChanged" style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="OnServiceControlSessionChange">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnServiceControlSessionChange" style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="OnSessionAgentReady">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnSessionAgentReady" style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="OnSessionBlocked">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnSessionBlocked" style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="OnSessionConnecting">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnSessionConnecting" style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="OnSessionDisconnected">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnSessionDisconnected" style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>

```

```

        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="OnSessionUnblocked">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnSessionUnblocked"
style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="OnStationAdded">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnStationAdded"
style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="OnStationAlert">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnStationAlert"
style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="OnStationRemoved">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnStationRemoved"
style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="OnSystemAlert">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnSystemAlert"
style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="OnSystemModeChange">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnSystemModeChange"
style="document" />

```



```

    <wsdl:input>
      <soap12:body use="literal" />
    </wsdl:input>
  <wsdl:output>
    <soap12:body use="literal" />
  </wsdl:output>
  <wsdl:fault name="WmsFault" />
</wsdl:operation>
<wsdl:operation name="OnVirtualDesktopNotification">
  <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnVirtualDesktopNotif
ication" style="document" />
    <wsdl:input>
      <soap12:body use="literal" />
    </wsdl:input>
  <wsdl:output>
    <soap12:body use="literal" />
  </wsdl:output>
  <wsdl:fault name="WmsFault" />
</wsdl:operation>
<wsdl:operation name="OnVirtualDesktopOnline">
  <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnVirtualDesktopOnlin
e" style="document" />
    <wsdl:input>
      <soap12:body use="literal" />
    </wsdl:input>
  <wsdl:output>
    <soap12:body use="literal" />
  </wsdl:output>
  <wsdl:fault name="WmsFault" />
</wsdl:operation>
<wsdl:operation name="ShutdownNotification">
  <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/ShutdownNotification"
style="document" />
    <wsdl:input>
      <soap12:body use="literal" />
    </wsdl:input>
  <wsdl:output>
    <soap12:body use="literal" />
  </wsdl:output>
  <wsdl:fault name="WmsFault" />
</wsdl:operation>
<wsdl:operation name="OnUserCreated">
  <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnUserCreated"
style="document" />
    <wsdl:input>
      <soap12:body use="literal" />
    </wsdl:input>
  <wsdl:output>
    <soap12:body use="literal" />
  </wsdl:output>
  <wsdl:fault name="WmsFault" />
</wsdl:operation>
<wsdl:operation name="OnUserUpdated">
  <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnUserUpdated"
style="document" />
    <wsdl:input>
      <soap12:body use="literal" />
    </wsdl:input>
  <wsdl:output>
    <soap12:body use="literal" />
  </wsdl:output>
  <wsdl:fault name="WmsFault" />
</wsdl:operation>
<wsdl:operation name="OnUserDeleted">

```

```

    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnUserDeleted"
style="document" />
    <wsdl:input>
        <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
        <soap12:body use="literal" />
    </wsdl:output>
    <wsdl:fault name="WmsFault" />
</wsdl:operation>
<wsdl:operation name="OnGroupUpdated">
    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnGroupUpdated"
style="document" />
    <wsdl:input>
        <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
        <soap12:body use="literal" />
    </wsdl:output>
    <wsdl:fault name="WmsFault" />
</wsdl:operation>
</wsdl:binding>

<wsdl:service name="RemoteManagement">
    <wsdl:port name="MultiPointRemoting_IMultiPointCertificateRequest"
binding="tns:MultiPointRemoting_IMultiPointCertificateRequest">
        <soap12:address location="http://MultiPoint/RemoteManagement" />
    </wsdl:port>
    <wsdl:port name="MultiPointRemoting_IMultiPointCredentialRequest"
binding="tns:MultiPointRemoting_IMultiPointCredentialRequest">
        <soap12:address location="https://MultiPoint/RemoteManagement" />
    </wsdl:port>
    <wsdl:port name="MultiPointRemoting_IMultiPointServer"
binding="tns:MultiPointRemoting_IMultiPointServer">
        <soap12:address location="https://MultiPoint/RemoteManagement" />
    </wsdl:port>
    <wsdl:port name="MultiPointRemoting_IMultiPointUserManager"
binding="tns:MultiPointRemoting_IMultiPointUserManager">
        <soap12:address location="https://MultiPoint/RemoteManagement" />
    </wsdl:port>
    <wsdl:port name="MultiPointRemoting_IMultiPointStation"
binding="tns:MultiPointRemoting_IMultiPointStation">
        <soap12:address location="https://MultiPoint/RemoteManagement" />
    </wsdl:port>
    <wsdl:port name="MultiPointRemoting_IMultiPointSession"
binding="tns:MultiPointRemoting_IMultiPointSession">
        <soap12:address location="https://MultiPoint/RemoteManagement" />
    </wsdl:port>
    <wsdl:port name="MultiPointRemoting_IMultiPointDiskProtection"
binding="tns:MultiPointRemoting_IMultiPointDiskProtection">
        <soap12:address location="https://MultiPoint/RemoteManagement" />
    </wsdl:port>
    <wsdl:port name="MultiPointRemoting_IMultiPointChat"
binding="tns:MultiPointRemoting_IMultiPointChat">
        <soap12:address location="https://MultiPoint/RemoteManagement" />
    </wsdl:port>
    <wsdl:port name="MultiPointRemoting_IMultiPointCoreEventSink"
binding="tns:MultiPointRemoting_IMultiPointCoreEventSink">
        <soap12:address location="https://MultiPoint/RemoteManagement" />
    </wsdl:port>
    <wsdl:port name="MultiPointRemoting_IMultiPointSystemOnlineEventSink"
binding="tns:MultiPointRemoting_IMultiPointSystemOnlineEventSink">
        <soap12:address location="https://MultiPoint/RemoteManagement" />
    </wsdl:port>
</wsdl:service>
</wsdl:definitions>

```



## 7 Appendix B: Product Behavior

The information in this specification is applicable to the following Microsoft products or supplemental software. References to product versions include released service packs.

- Windows 10 operating system
- Windows Server 2016 operating system

Exceptions, if any, are noted below. If a service pack or Quick Fix Engineering (QFE) number appears with the product version, behavior changed in that service pack or QFE. The new behavior also applies to subsequent service packs of the product unless otherwise specified. If a product edition appears with the product version, behavior is different in that product edition.

Unless otherwise specified, any statement of optional behavior in this specification that is prescribed using the terms "SHOULD" or "SHOULD NOT" implies product behavior in accordance with the SHOULD or SHOULD NOT prescription. Unless otherwise specified, the term "MAY" implies that the product does not follow the prescription.

<1> [Section 2.2.5.1](#): The **guid** type is not supported in Windows 10 v1507 operating system.

<2> [Section 3.3.4.31](#): The **OnVirtualDesktopOnline** operation is not supported in Windows 10 v1507 and Windows 10 v1511 operating system.

<3> [Section 3.6.4.1.3.4](#): The **ArrayOfWMS\_SESSION\_INFO\_WS** type is not supported in Windows 10 v1507.

<4> [Section 3.6.4.8](#): The **GetUseHardwareGpu** method is not supported in Windows 10 v1507 and Windows 10 v1511.

<5> [Section 3.6.4.16](#): The **CanModifyWau** method is supported only in Windows 10 v1507 and Windows 10 v1511.

<6> [Section 3.6.4.17](#): The **EnableCeip** method is supported only in Windows 10 v1507 and Windows 10 v1511.

<7> [Section 3.6.4.18](#): The **EnableChat** operation is not supported in Windows 10 v1507.

<8> [Section 3.6.4.19](#): The **EnableWau** operation is supported only in Windows 10 v1507 and Windows 10 v1511.

<9> [Section 3.6.4.20](#): The **EnableWer** operation is supported only in Windows 10 v1507 and Windows 10 v1511.

<10> [Section 3.6.4.24](#): The **GetReplacementSslCertificate** operation is not supported in Windows 10 v1507.

<11> [Section 3.6.4.27](#): The **IsAdminOrchestrationMode** method is not supported in Windows 10 v1507 and Windows 10 v1511.

<12> [Section 3.6.4.29](#): The **IsCeipEnabled** method is supported only in Windows 10 v1507 and Windows 10 v1511.

<13> [Section 3.6.4.30](#): The **IsChatEnabled** operation is not supported in Windows 10 v1507.

<14> [Section 3.6.4.36](#): The **IsWauEnabled** method is supported only in Windows 10 v1507 and Windows 10 v1511.

<15> [Section 3.6.4.37](#): The **IsWerEnabled** method is supported only in Windows 10 v1507 and Windows 10 v1511.

<16> [Section 3.6.4.39](#): The **OnboardVirtualDesktop** method is not supported in Windows 10 v1507 and Windows 10 v1511.

<17> [Section 3.6.4.40](#): The **SetAdminOrchestrationMode** method is not supported in Windows 10 v1507 and Windows 10 v1511.

<18> [Section 3.6.4.43](#): The **SetReplacementSslCertificate** operation is not supported in Windows 10 v1507.

<19> [Section 3.6.4.45](#): The **SetUseHardwareGpu** method is not supported in Windows 10 v1507 and Windows 10 v1511.

<20> [Section 3.7.4.9.3.3](#): The **WMS\_RUNNING\_APP\_WS** complex type is not supported in Windows 10 v1507 and Windows 10 v1511.

<21> [Section 3.7.4.9.3.4](#): The **ArrayOfWMS\_RUNNING\_WS** complex type is not supported in Windows 10 v1507 and Windows 10 v1511.

<22> [Section 3.8.4.1](#): The **BlockUsbStorageDevicesAllStations** method is not supported in Windows 10 v1507.

<23> [Section 3.8.4.2](#): The **BlockUsbStorageDevices** method is not supported in Windows 10 v1507.

<24> [Section 3.8.4.3](#): The **GetDisplayRotation** method is not supported in Windows 10 v1507.

<25> [Section 3.8.4.13](#): The **IsUsbStorageDeviceBlocked** method is not supported in Windows 10 v1507.

<26> [Section 3.8.4.16](#): The **SetDisplayRotation** method is not supported in Windows 10 v1507.

<27> [Section 3.8.4.22](#): The **UnblockUsbStorageDevicesAllStations** method is not supported in Windows 10 v1507.

<28> [Section 3.8.4.23](#): The **UnblockUsbStorageDevices** method is not supported in Windows 10 v1507.

<29> [Section 3.9.4.3](#): The **OnNewServerCertificateReady** operation is not supported in Windows 10 v1507.

<30> [Section 3.10.4.2.3.4](#): The **ArrayOfWMS\_USER\_WS** complex type is not supported in Windows 10 v1507.

## 8 Change Tracking

This section identifies changes that were made to this document since the last release. Changes are classified as Major, Minor, or None.

The revision class **Major** means that the technical content in the document was significantly revised. Major changes affect protocol interoperability or implementation. Examples of major changes are:

- A document revision that incorporates changes to interoperability requirements.
- A document revision that captures changes to protocol functionality.

The revision class **Minor** means that the meaning of the technical content was clarified. Minor changes do not affect protocol interoperability or implementation. Examples of minor changes are updates to clarify ambiguity at the sentence, paragraph, or table level.

The revision class **None** means that no new technical changes were introduced. Minor editorial and formatting changes may have been made, but the relevant technical content is identical to the last released version.

The changes made to this document are listed in the following table. For more information, please contact [dochelp@microsoft.com](mailto:dochelp@microsoft.com).

Section	Description	Revision class
<a href="#">3.6.4.13.1.2</a> IMultiPointServer_Shutdown_OutputMessage Message	6895 : Updated message name from "IMultiPointServer_Shutdown_InputMessage" to "IMultiPointServer_Shutdown_OutputMessage".	major
<a href="#">3.7.4.10.1.2</a> IMultiPointSession_GetThumbnailBits_OutputMessage Message	6895 : Updated message name from "IMultiPointSession_GetThumbnailBits_InputMessage" to "IMultiPointSession_GetThumbnailBits_OutputMessage".	major
<a href="#">3.7.4.12.2.1</a> GetSessionFlags	6895 : Updated section title from 'GetSessionFlagsSession' to 'GetSessionFlags'.	major
<a href="#">3.7.4.12.2.2</a> GetSessionFlagsResponse	6895 : Updated section title from 'GetSessionFlagsSessionResponse' to 'GetSessionFlagsResponse'.	major

## 9 Index

### A

Abstract data model  
server ([section 3.1.1](#) 46, [section 3.2.1](#) 51, [section 3.3.1](#) 65, [section 3.4.1](#) 142, [section 3.5.1](#) 149, [section 3.6.1](#) 167, [section 3.7.1](#) 271, [section 3.8.1](#) 319, [section 3.9.1](#) 371, [section 3.10.1](#) 379)  
[Applicability](#) 42  
[ArrayOfBytes complex type](#) 44  
[ArrayOfStrings complex type](#) 44  
[Attribute groups](#) 45  
[Attributes](#) 45

### C

[Capability negotiation](#) 42  
[Change tracking](#) 498  
[Common data structures](#) 45  
[Complex types](#) 44  
  [ArrayOfBytes](#) 44  
  [ArrayOfStrings](#) 44  
  [WmsFaultType](#) 44

### D

Data model - abstract  
server ([section 3.1.1](#) 46, [section 3.2.1](#) 51, [section 3.3.1](#) 65, [section 3.4.1](#) 142, [section 3.5.1](#) 149, [section 3.6.1](#) 167, [section 3.7.1](#) 271, [section 3.8.1](#) 319, [section 3.9.1](#) 371, [section 3.10.1](#) 379)  
[Directory service schema elements](#) 45

### E

Elements  
  [WmsFaultType](#) 43  
[Elements - directory service schema](#) 45

### Events

local - server ([section 3.1.6](#) 51, [section 3.2.6](#) 65, [section 3.3.6](#) 142, [section 3.4.6](#) 149, [section 3.5.6](#) 167, [section 3.6.6](#) 270, [section 3.7.6](#) 319, [section 3.8.6](#) 371, [section 3.9.6](#) 379, [section 3.10.6](#) 390)  
timer - server ([section 3.1.5](#) 51, [section 3.2.5](#) 65, [section 3.3.5](#) 142, [section 3.4.5](#) 148, [section 3.5.5](#) 167, [section 3.6.5](#) 270, [section 3.7.5](#) 319, [section 3.8.5](#) 371, [section 3.9.5](#) 379, [section 3.10.5](#) 390)

### F

[Fields - vendor-extensible](#) 42  
[Full WSDL](#) 396

### G

[Glossary](#) 38  
[Groups](#) 45  
[Guid simple type](#) 45

### I

[Implementer - security considerations](#) 395  
[Index of security parameters](#) 395  
[Informative references](#) 41  
Initialization  
server ([section 3.1.3](#) 46, [section 3.2.3](#) 52, [section 3.3.3](#) 65, [section 3.4.3](#) 143, [section 3.5.3](#) 149, [section 3.6.3](#) 167, [section 3.7.3](#) 271, [section 3.8.3](#) 320, [section 3.9.3](#) 371, [section 3.10.3](#) 379)  
[Introduction](#) 38

### L

Local events  
server ([section 3.1.6](#) 51, [section 3.2.6](#) 65, [section 3.3.6](#) 142, [section 3.4.6](#) 149, [section 3.5.6](#) 167, [section 3.6.6](#) 270, [section 3.7.6](#) 319, [section 3.8.6](#) 371, [section 3.9.6](#) 379, [section 3.10.6](#) 390)

### M

Message processing  
server ([section 3.1.4](#) 46, [section 3.2.4](#) 52, [section 3.3.4](#) 65, [section 3.4.4](#) 143, [section 3.5.4](#) 149, [section 3.6.4](#) 167, [section 3.7.4](#) 271, [section 3.8.4](#) 320, [section 3.9.4](#) 371, [section 3.10.4](#) 379)  
Messages  
  [ArrayOfBytes complex type](#) 44  
  [ArrayOfStrings complex type](#) 44  
  [attribute groups](#) 45  
  [attributes](#) 45  
  [common data structures](#) 45  
  [complex types](#) 44  
  [elements](#) 43  
  [enumerated](#) 43  
  [groups](#) 45  
  [Guid simple type](#) 45  
  [namespaces](#) 43  
  [simple types](#) 45  
  [transport](#) 43  
  [WmsFaultType complex type](#) 44  
  [WmsFaultType element](#) 43

### N

[Namespaces](#) 43  
[Normative references](#) 40

### O

Operations  
  [AddUser Operation](#) 380  
  [BlockUsbStorageDevices](#) 323  
  [BlockUsbStorageDevicesAllStations](#) 321  
  [CanModifyWau Operation](#) 202  
  [CloseSessionApplication Operation](#) 274

[ConfigureWebLimiting Operation](#) 276  
[ConfigureWebLimitingAll Operation](#) 278  
[Connect Operation](#) 52  
[CurrentActivity Operation](#) 272  
[Disconnect Operation](#) 54  
[DisconnectSession Operation](#) 315  
[Enable\\_Chat Operation](#) 205  
[EnableCeip Operation](#) 204  
[EnableProjectToAll Operation](#) 281  
[EnableVirtualIpPerSession Operation](#) 265  
[EnableWau Operation](#) 207  
[EnableWebLimitingAll Operation](#) 283  
[EnableWer Operation](#) 209  
[EnumerateUsers Operation](#) 382  
[GetAllSessions Operation](#) 169  
[GetChatId Operation](#) 56  
[GetClientVersion Operation](#) 172  
[GetDisplayRotation Operation](#) 325  
[GetFreeSpaceNeeded Operation](#) 150  
[GetLicenseCount Operation](#) 211  
[GetManagedSystemsType Operation](#) 213  
[GetMode Operation](#) 152  
[GetNetJoinStatus Operation](#) 215  
[GetNextStationIdentifier Operation](#) 327  
[GetPeerWmsConnectorList Operation](#) 177  
[GetPeerWmsServerList Operation](#) 174  
[GetProtocolVersion Operation](#) 47  
[GetReplacementSslCertificate Operation](#) 217  
[GetScheduledUpdateSettings Operation](#) 153  
[GetScreenState Operation](#) 285  
[GetServerVersion Operation](#) 179  
[GetSessionAgentStatus Operation](#) 287  
[GetSessionFlags](#) 297  
[GetSessionRunningApps Operation](#) 289  
[GetStationAlertStatus Operation](#) 329  
[GetStationAutoLogonInformation Operation](#) 331  
[GetStationDeviceInformation Operation](#) 334  
[GetStationFriendlyName Operation](#) 337  
[GetStationInformation Operation](#) 339  
[GetStationServerName Operation](#) 342  
[GetStationSplitScreenInformation Operation](#) 344  
[GetSystemAlertStatus Operation](#) 181  
[GetSystemMode Operation](#) 184  
[GetThumbnailBits Operation](#) 292  
[GetUseHardwareGpu Operation](#) 186  
[GetVirtualMachineHostname Operation](#) 219  
[GetVirtualMachineIpAddress Operation](#) 188  
[GetWmsWebLimiting Operation](#) 221  
[IdentifySession Operation](#) 294  
[IdentifyStation Operation](#) 346  
[Install Operation](#) 156  
[IsAdminOrchestrationMode Operation](#) 224  
[IsBootToConsoleMode Operation](#) 226  
[IsCeipEnabled Operation](#) 228  
[IsChatEnabled Operation](#) 230  
[IsDesktopMonitoringAllowed Operation](#) 232  
[IsHypervisorPresent Operation](#) 234  
[IsInstalled Operation](#) 158  
[IsSingleSessionPerUser Operation](#) 235  
[IsSuppressPrivacyNotificationSet Operation](#) 237  
[IsUsbStorageDeviceBlocked Operation](#) 348  
[IsVirtualIpPerSessionEnabled Operation](#) 239  
[IsWauEnabled Operation](#) 241  
[IsWerEnabled Operation](#) 243  
[LoadWindowsEdition Operation](#) 245  
[LockSession Operation](#) 299  
[LogOffConsoleSession Operation](#) 317  
[LogOffSession Operation](#) 301  
[OnAssociateSessionWithStation Operation](#) 67  
[OnBeginIdentifySession Operation](#) 69  
[OnBeginIdentifyStation Operation](#) 71  
[OnboardVirtualDesktop Operation](#) 247  
[OnBootToConsoleModeChange Operation](#) 73  
[OnConfigureStation Operation](#) 75  
[OnDesktopMonitoringChange Operation](#) 76  
[OnDeviceAdded Operation](#) 78  
[OnDeviceRemoved Operation](#) 81  
[OnEndIdentifySession Operation](#) 84  
[OnEndIdentifyStation Operation](#) 86  
[OnEnterSplitScreen Operation](#) 88  
[OnExitSplitScreen Operation](#) 89  
[OnGroupUpdated Operation](#) 140  
[OnManagedServerOffline Operation](#) 91  
[OnManagedServerOfflineNotify Operation](#) 372  
[OnManagedServerOnline Operation](#) 93  
[OnManagedServerOnlineNotify Operation](#) 374  
[OnNewServerCertificateReady Operation](#) 377  
[OnPeerServerAdded Operation](#) 95  
[OnPeerServerDiscovered Operation](#) 97  
[OnPeerServerRemoved Operation](#) 99  
[OnProjectionStateChange Operation](#) 101  
[OnScheduledUpdateSettingsChanged Operation](#) 103  
[OnServiceControlSessionChange Operation](#) 106  
[OnSessionAgentReady Operation](#) 108  
[OnSessionBlocked Operation](#) 110  
[OnSessionConnecting Operation](#) 112  
[OnSessionDisconnected Operation](#) 114  
[OnSessionUnblocked Operation](#) 116  
[OnStationAdded Operation](#) 118  
[OnStationAlert Operation](#) 120  
[OnStationRemoved Operation](#) 122  
[OnSystemAlert Operation](#) 124  
[OnSystemModeChange Operation](#) 126  
[OnUserCreated Operation](#) 134  
[OnUserDeleted Operation](#) 138  
[OnUserUpdated Operation](#) 136  
[OnVirtualDesktopNotification Operation](#) 130  
[OnVirtualDesktopOnline](#) 128  
[Ping Operation](#) 59  
[Reboot Operation](#) 190  
[RefreshStation Operation](#) 351  
[RegisterChatEventSink Operation](#) 192  
[RegisterCoreEventSink Operation](#) 194  
[RemapStations Operation](#) 352  
[RemoveUser Operation](#) 385  
[RequestSslCertificate Operation](#) 49  
[RequestWmsControlCredentials Operation](#) 146  
[RunFileSession Operation](#) 303  
[SendError Operation](#) 60  
[SendMsg Operation](#) 62  
[SetAdminOrchestrationMode Operation](#) 250  
[SetBlockAllMessage Operation](#) 252  
[SetBootToConsoleMode Operation](#) 254  
[SetDesktopMonitoring Operation](#) 267  
[SetDisplayRotation Operation](#) 354  
[SetMode Operation](#) 160  
[SetReplacementSslCertificate Operation](#) 256  
[SetScheduledUpdateSettings Operation](#) 162  
[SetSingleSessionPerUser Operation](#) 269



[SetSslCertificate Operation](#) 143  
[SetStationAutoLogon Operation](#) 356  
[SetStationFriendlyName Operation](#) 358  
[SetStationServerName Operation](#) 361  
[SetSuppressPrivacyNotification Operation](#) 258  
[SetUseHardwareGpu Operation](#) 260  
[SetUserInfo Operation](#) 388  
[ShareDesktop Operation](#) 305  
[Shutdown Operation](#) 196  
[ShutdownNotification Operation](#) 133  
[SplitStation Operation](#) 363  
[StopIdentifyingSession Operation](#) 308  
[StopIdentifyingStation Operation](#) 365  
[StopLockingSession Operation](#) 309  
[StopShareDesktop Operation](#) 311  
[UnblockUsbStorageDevices](#) 369  
[UnblockUsbStorageDevicesAllStations](#) 367  
[Uninstall Operation](#) 165  
[UnregisterChatEventSink Operation](#) 198  
[UnregisterCoreEventSink Operation](#) 200  
[ValidateAutoLogonAccount Operation](#) 262  
[ViewDesktop Operation](#) 313  
[Overview \(synopsis\)](#) 41

## P

[Parameters - security index](#) 395  
[Preconditions](#) 41  
[Prerequisites](#) 41  
[Product behavior](#) 496  
Protocol Details  
[overview](#) 46

## R

[References](#) 40  
[informative](#) 41  
[normative](#) 40  
[Relationship to other protocols](#) 41

## S

[Schema elements - directory service](#) 45  
Security  
[implementer considerations](#) 395  
[parameter index](#) 395  
Sequencing rules  
server ([section 3.1.4](#) 46, [section 3.2.4](#) 52, [section 3.3.4](#) 65, [section 3.4.4](#) 143, [section 3.5.4](#) 149, [section 3.6.4](#) 167, [section 3.7.4](#) 271, [section 3.8.4](#) 320, [section 3.9.4](#) 371, [section 3.10.4](#) 379)  
Server  
abstract data model ([section 3.1.1](#) 46, [section 3.2.1](#) 51, [section 3.3.1](#) 65, [section 3.4.1](#) 142, [section 3.5.1](#) 149, [section 3.6.1](#) 167, [section 3.7.1](#) 271, [section 3.8.1](#) 319, [section 3.9.1](#) 371, [section 3.10.1](#) 379)  
[AddUser Operation operation](#) 380  
[BlockUsbStorageDevices operation](#) 323  
[BlockUsbStorageDevicesAllStations operation](#) 321  
[CanModifyWau Operation operation](#) 202  
[CloseSessionApplication Operation operation](#) 274  
[ConfigureWebLimiting Operation operation](#) 276  
[ConfigureWebLimitingAll Operation operation](#) 278

[Connect Operation operation](#) 52  
[CurrentActivity Operation operation](#) 272  
[Disconnect Operation operation](#) 54  
[DisconnectSession Operation operation](#) 315  
[Enable Chat Operation operation](#) 205  
[EnableCeip Operation operation](#) 204  
[EnableProjectToAll Operation operation](#) 281  
[EnableVirtualIpPerSession Operation operation](#) 265  
[EnableWau Operation operation](#) 207  
[EnableWebLimitingAll Operation operation](#) 283  
[EnableWer Operation operation](#) 209  
[EnumerateUsers Operation operation](#) 382  
[GetAllSessions Operation operation](#) 169  
[GetChatId Operation operation](#) 56  
[GetClientVersion Operation operation](#) 172  
[GetDisplayRotation Operation operation](#) 325  
[GetFreeSpaceNeeded Operation operation](#) 150  
[GetLicenseCount Operation operation](#) 211  
[GetManagedSystemsType Operation operation](#) 213  
[GetMode Operation operation](#) 152  
[GetNetJoinStatus Operation operation](#) 215  
[GetNextStationIdentifier Operation operation](#) 327  
[GetPeerWmsConnectorList Operation operation](#) 177  
[GetPeerWmsServerList Operation operation](#) 174  
[GetProtocolVersion Operation operation](#) 47  
[GetReplacementSslCertificate Operation operation](#) 217  
[GetScheduledUpdateSettings Operation operation](#) 153  
[GetScreenState Operation operation](#) 285  
[GetServerVersion Operation operation](#) 179  
[GetSessionAgentStatus Operation operation](#) 287  
[GetSessionFlags operation](#) 297  
[GetSessionRunningApps Operation operation](#) 289  
[GetStationAlertStatus Operation operation](#) 329  
[GetStationAutoLogonInformation Operation operation](#) 331  
[GetStationDeviceInformation Operation operation](#) 334  
[GetStationFriendlyName Operation operation](#) 337  
[GetStationInformation Operation operation](#) 339  
[GetStationServerName Operation operation](#) 342  
[GetStationSplitScreenInformation Operation operation](#) 344  
[GetSystemAlertStatus Operation operation](#) 181  
[GetSystemMode Operation operation](#) 184  
[GetThumbnailBits Operation operation](#) 292  
[GetUseHardwareGpu Operation operation](#) 186  
[GetVirtualMachineHostname Operation operation](#) 219  
[GetVirtualMachineIpAddress Operation operation](#) 188  
[GetWmsWebLimiting Operation operation](#) 221  
[IdentifySession Operation operation](#) 294  
[IdentifyStation Operation operation](#) 346  
initialization ([section 3.1.3](#) 46, [section 3.2.3](#) 52, [section 3.3.3](#) 65, [section 3.4.3](#) 143, [section 3.5.3](#) 149, [section 3.6.3](#) 167, [section 3.7.3](#) 271, [section 3.8.3](#) 320, [section 3.9.3](#) 371, [section 3.10.3](#) 379)  
[Install Operation operation](#) 156  
[IsAdminOrchestrationMode Operation operation](#) 224  
[IsBootToConsoleMode Operation operation](#) 226

[IsCeipEnabled Operation operation](#) 228  
[IsChatEnabled Operation operation](#) 230  
[IsDesktopMonitoringAllowed Operation operation](#) 232  
[IsHypervisorPresent Operation operation](#) 234  
[IsInstalled Operation operation](#) 158  
[IsSingleSessionPerUser Operation operation](#) 235  
[IsSuppressPrivacyNotificationSet Operation operation](#) 237  
[IsUsbStorageDeviceBlocked Operation operation](#) 348  
[IsVirtualIpPerSessionEnabled Operation operation](#) 239  
[IsWauEnabled Operation operation](#) 241  
[IsWerEnabled Operation operation](#) 243  
[LoadWindowsEdition Operation operation](#) 245  
 local events ([section 3.1.6](#) 51, [section 3.2.6](#) 65, [section 3.3.6](#) 142, [section 3.4.6](#) 149, [section 3.5.6](#) 167, [section 3.6.6](#) 270, [section 3.7.6](#) 319, [section 3.8.6](#) 371, [section 3.9.6](#) 379, [section 3.10.6](#) 390)  
[LockSession Operation operation](#) 299  
[LogOffConsoleSession Operation operation](#) 317  
[LogOffSession Operation operation](#) 301  
 message processing ([section 3.1.4](#) 46, [section 3.2.4](#) 52, [section 3.3.4](#) 65, [section 3.4.4](#) 143, [section 3.5.4](#) 149, [section 3.6.4](#) 167, [section 3.7.4](#) 271, [section 3.8.4](#) 320, [section 3.9.4](#) 371, [section 3.10.4](#) 379)  
[OnAssociateSessionWithStation Operation operation](#) 67  
[OnBeginIdentifySession Operation operation](#) 69  
[OnBeginIdentifyStation Operation operation](#) 71  
[OnboardVirtualDesktop Operation operation](#) 247  
[OnBootToConsoleModeChange Operation operation](#) 73  
[OnConfigureStation Operation operation](#) 75  
[OnDesktopMonitoringChange Operation operation](#) 76  
[OnDeviceAdded Operation operation](#) 78  
[OnDeviceRemoved Operation operation](#) 81  
[OnEndIdentifySession Operation operation](#) 84  
[OnEndIdentifyStation Operation operation](#) 86  
[OnEnterSplitScreen Operation operation](#) 88  
[OnExitSplitScreen Operation operation](#) 89  
[OnGroupUpdated Operation operation](#) 140  
[OnManagedServerOffline Operation operation](#) 91  
[OnManagedServerOfflineNotify Operation operation](#) 372  
[OnManagedServerOnline Operation operation](#) 93  
[OnManagedServerOnlineNotify Operation operation](#) 374  
[OnNewServerCertificateReady Operation operation](#) 377  
[OnPeerServerAdded Operation operation](#) 95  
[OnPeerServerDiscovered Operation operation](#) 97  
[OnPeerServerRemoved Operation operation](#) 99  
[OnProjectionStateChange Operation operation](#) 101  
[OnScheduledUpdateSettingsChanged Operation operation](#) 103  
[OnServiceControlSessionChange Operation operation](#) 106  
[OnSessionAgentReady Operation operation](#) 108  
[OnSessionBlocked Operation operation](#) 110  
[OnSessionConnecting Operation operation](#) 112  
[OnSessionDisconnected Operation operation](#) 114  
[OnSessionUnblocked Operation operation](#) 116  
[OnStationAdded Operation operation](#) 118  
[OnStationAlert Operation operation](#) 120  
[OnStationRemoved Operation operation](#) 122  
[OnSystemAlert Operation operation](#) 124  
[OnSystemModeChange Operation operation](#) 126  
[OnUserCreated Operation operation](#) 134  
[OnUserDeleted Operation operation](#) 138  
[OnUserUpdated Operation operation](#) 136  
[OnVirtualDesktopNotification Operation operation](#) 130  
[OnVirtualDesktopOnline operation](#) 128  
[Ping Operation operation](#) 59  
[Reboot Operation operation](#) 190  
[RefreshStation Operation operation](#) 351  
[RegisterChatEventSink Operation operation](#) 192  
[RegisterCoreEventSink Operation operation](#) 194  
[RemapStations Operation operation](#) 352  
[RemoveUser Operation operation](#) 385  
[RequestSslCertificate Operation operation](#) 49  
[RequestWmsControlCredentials Operation operation](#) 146  
[RunFileSession Operation operation](#) 303  
[SendError Operation operation](#) 60  
[SendMsg Operation operation](#) 62  
 sequencing rules ([section 3.1.4](#) 46, [section 3.2.4](#) 52, [section 3.3.4](#) 65, [section 3.4.4](#) 143, [section 3.5.4](#) 149, [section 3.6.4](#) 167, [section 3.7.4](#) 271, [section 3.8.4](#) 320, [section 3.9.4](#) 371, [section 3.10.4](#) 379)  
[SetAdminOrchestrationMode Operation operation](#) 250  
[SetBlockAllMessage Operation operation](#) 252  
[SetBootToConsoleMode Operation operation](#) 254  
[SetDesktopMonitoring Operation operation](#) 267  
[SetDisplayRotation Operation operation](#) 354  
[SetMode Operation operation](#) 160  
[SetReplacementSslCertificate Operation operation](#) 256  
[SetScheduledUpdateSettings Operation operation](#) 162  
[SetSingleSessionPerUser Operation operation](#) 269  
[SetSslCertificate Operation operation](#) 143  
[SetStationAutoLogon Operation operation](#) 356  
[SetStationFriendlyName Operation operation](#) 358  
[SetStationServerName Operation operation](#) 361  
[SetSuppressPrivacyNotification Operation operation](#) 258  
[SetUseHardwareGpu Operation operation](#) 260  
[SetUserInfo Operation operation](#) 388  
[ShareDesktop Operation operation](#) 305  
[Shutdown Operation operation](#) 196  
[ShutdownNotification Operation operation](#) 133  
[SplitStation Operation operation](#) 363  
[StopIdentifyingSession Operation operation](#) 308  
[StopIdentifyingStation Operation operation](#) 365  
[StopLockingSession Operation operation](#) 309  
[StopShareDesktop Operation operation](#) 311  
 timer events ([section 3.1.5](#) 51, [section 3.2.5](#) 65, [section 3.3.5](#) 142, [section 3.4.5](#) 148, [section 3.5.5](#) 167, [section 3.6.5](#) 270, [section 3.7.5](#) 319, [section 3.8.5](#) 371, [section 3.9.5](#) 379, [section 3.10.5](#) 390)

[timers](#) ([section 3.1.2](#) 46, [section 3.2.2](#) 52, [section 3.3.2](#) 65, [section 3.4.2](#) 143, [section 3.5.2](#) 149, [section 3.6.2](#) 167, [section 3.7.2](#) 271, [section 3.8.2](#) 319, [section 3.9.2](#) 371, [section 3.10.2](#) 379)  
[UnblockUsbStorageDevices operation](#) 369  
[UnblockUsbStorageDevicesAllStations operation](#) 367  
[Uninstall Operation operation](#) 165  
[UnregisterChatEventSink Operation operation](#) 198  
[UnregisterCoreEventSink Operation operation](#) 200  
[ValidateAutoLogonAccount Operation operation](#) 262  
[ViewDesktop Operation operation](#) 313  
[Simple types](#) 45  
[Guid](#) 45  
[Standards assignments](#) 42

## T

Timer events  
server ([section 3.1.5](#) 51, [section 3.2.5](#) 65, [section 3.3.5](#) 142, [section 3.4.5](#) 148, [section 3.5.5](#) 167, [section 3.6.5](#) 270, [section 3.7.5](#) 319, [section 3.8.5](#) 371, [section 3.9.5](#) 379, [section 3.10.5](#) 390)  
Timers  
server ([section 3.1.2](#) 46, [section 3.2.2](#) 52, [section 3.3.2](#) 65, [section 3.4.2](#) 143, [section 3.5.2](#) 149, [section 3.6.2](#) 167, [section 3.7.2](#) 271, [section 3.8.2](#) 319, [section 3.9.2](#) 371, [section 3.10.2](#) 379)  
[Tracking changes](#) 498  
[Transport](#) 43  
Types  
[complex](#) 44  
[simple](#) 45

## V

[Vendor-extensible fields](#) 42  
[Versioning](#) 42

## W

[WmsFaultType complex type](#) 44  
[WmsFaultType element](#) 43  
[WSDL](#) 396