

[MS-RSMC-Diff]:

Remote Session Monitoring and Control Protocol

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Table of Contents

1	Introduction	38
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
2	Messages.....	43
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
3	Protocol Details.....	46
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	48
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.....	57
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	60
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	63
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.....	64
3.2.6	Other Local Events.....	64
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.....	66
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	67
3.3.4.1.2	Elements	68
3.3.4.1.2.1	OnAssociateSessionWithStation	68
3.3.4.1.2.2	OnAssociateSessionWithStationResponse	68
3.3.4.1.3	Complex Types	68
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	69
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	70
3.3.4.3	OnBeginIdentifyStation Operation	70
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	71
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	72
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 Message	73
3.3.4.4.1.3	IMultiPointCoreEventSink_OnBootToConsoleModeChange_WmsFaultType _FaultMessage Message	73
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	74
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.....	75
3.3.4.5.2	Elements	75
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	76
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.....	77
3.3.4.6.2	Elements	77
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	78

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	79
3.3.4.7.2.1	OnDeviceAdded	79
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	81
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	82
3.3.4.8.2.2	OnDeviceRemovedResponse	83
3.3.4.8.3	Complex Types	83
3.3.4.9	OnEndIdentifySession Operation	83
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	84
3.3.4.9.1.3	IMultiPointCoreEventSink_OnEndIdentifySession_WmsFaultType_FaultMessage Message	84
3.3.4.9.2	Elements	85
3.3.4.9.2.1	OnEndIdentifySession	85
3.3.4.9.2.2	OnEndIdentifySessionResponse	85
3.3.4.9.3	Complex Types	85
3.3.4.10	OnEndIdentifyStation Operation	85
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	86
3.3.4.10.2	Elements	86
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	87
3.3.4.11.1	Messages	87
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	88
3.3.4.11.2	Elements	88
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	89
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	90
3.3.4.12.2.1	OnExitSplitScreen	90
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	91
3.3.4.13.1.1	IMultiPointCoreEventSink_OnManagedServerOffline_InputMessage Message	91
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	92
3.3.4.13.2.1	OnManagedServerOffline	92
3.3.4.13.2.2	OnManagedServerOfflineResponse	92
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	93
3.3.4.14.1.2	IMultiPointCoreEventSink_OnManagedServerOnline_OutputMessage Message	93
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.....	94
3.3.4.14.2.2	OnManagedServerOnlineResponse	94
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	95
3.3.4.15.1.2	IMultiPointCoreEventSink_OnPeerServerAdded_OutputMessage Message	95
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	96
3.3.4.15.2.2	OnPeerServerAddedResponse	96
3.3.4.15.3	Complex Types	96
3.3.4.16	OnPeerServerDiscovered Operation	97
3.3.4.16.1	Messages	97
3.3.4.16.1.1	IMultiPointCoreEventSink_OnPeerServerDiscovered_InputMessage Message	97

3.3.4.16.1.2	IMultiPointCoreEventSink_OnPeerServerDiscovered_OutputMessage Message	97
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	98
3.3.4.16.2.2	OnPeerServerDiscoveredResponse	98
3.3.4.16.3	Complex Types	99
3.3.4.17	OnPeerServerRemoved Operation	99
3.3.4.17.1	Messages	99
3.3.4.17.1.1	IMultiPointCoreEventSink_OnPeerServerRemoved_InputMessage Message	99
3.3.4.17.1.2	IMultiPointCoreEventSink_OnPeerServerRemoved_OutputMessage Message	99
3.3.4.17.1.3	IMultiPointCoreEventSink_OnPeerServerRemoved_WmsFaultType_Fault Message Message	100
3.3.4.17.2	Elements	100
3.3.4.17.2.1	OnPeerServerRemoved	100
3.3.4.17.2.2	OnPeerServerRemovedResponse	100
3.3.4.17.3	Complex Types	100
3.3.4.18	OnProjectionStateChange Operation	101
3.3.4.18.1	Messages	101
3.3.4.18.1.1	IMultiPointCoreEventSink_OnProjectionStateChange_InputMessage Message	101
3.3.4.18.1.2	IMultiPointCoreEventSink_OnProjectionStateChange_OutputMessage Message	101
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	102
3.3.4.18.2.2	OnProjectionStateChangeResponse	102
3.3.4.18.3	Complex Types	103
3.3.4.19	OnScheduledUpdateSettingsChanged Operation	103
3.3.4.19.1	Messages	103
3.3.4.19.1.1	IMultiPointCoreEventSink_OnScheduledUpdateSettingsChanged_InputM essage Message	103
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	104
3.3.4.19.2.1	OnScheduledUpdateSettingsChanged	104
3.3.4.19.2.2	OnScheduledUpdateSettingsChangedResponse	105
3.3.4.19.3	Complex Types	105
3.3.4.20	OnServiceControlSessionChange Operation	105
3.3.4.20.1	Messages	106
3.3.4.20.1.1	IMultiPointCoreEventSink_OnServiceControlSessionChange_InputMessa ge Message	106
3.3.4.20.1.2	IMultiPointCoreEventSink_OnServiceControlSessionChange_OutputMessa ge Message	106

3.3.4.20.1.3	IMultiPointCoreEventSink_OnServiceControlSessionChange_WmsFaultType_FaultMessage Message.....	106
3.3.4.20.2	Elements	107
3.3.4.20.2.1	OnServiceControlSessionChange	107
3.3.4.20.2.2	OnServiceControlSessionChangeResponse	107
3.3.4.20.3	Complex Types	108
3.3.4.21	OnSessionAgentReady Operation	108
3.3.4.21.1	Messages	108
3.3.4.21.1.1	IMultiPointCoreEventSink_OnSessionAgentReady_InputMessage Message	108
3.3.4.21.1.2	IMultiPointCoreEventSink_OnSessionAgentReady_OutputMessage Message	108
3.3.4.21.1.3	IMultiPointCoreEventSink_OnSessionAgentReady_WmsFaultType_FaultMessage Message	109
3.3.4.21.2	Elements	109
3.3.4.21.2.1	OnSessionAgentReady	109
3.3.4.21.2.2	OnSessionAgentReadyResponse.....	109
3.3.4.21.3	Complex Types	109
3.3.4.22	OnSessionBlocked Operation	109
3.3.4.22.1	Messages	110
3.3.4.22.1.1	IMultiPointCoreEventSink_OnSessionBlocked_InputMessage Message	110
3.3.4.22.1.2	IMultiPointCoreEventSink_OnSessionBlocked_OutputMessage Message	110
3.3.4.22.1.3	IMultiPointCoreEventSink_OnSessionBlocked_WmsFaultType_FaultMessage Message	110
3.3.4.22.2	Elements	111
3.3.4.22.2.1	OnSessionBlocked.....	111
3.3.4.22.2.2	OnSessionBlockedResponse	111
3.3.4.22.3	Complex Types	111
3.3.4.23	OnSessionConnecting Operation	111
3.3.4.23.1	Messages	112
3.3.4.23.1.1	IMultiPointCoreEventSink_OnSessionConnecting_InputMessage Message	112
3.3.4.23.1.2	IMultiPointCoreEventSink_OnSessionConnecting_OutputMessage Message	112
3.3.4.23.1.3	IMultiPointCoreEventSink_OnSessionConnecting_WmsFaultType_FaultMessage Message.....	112
3.3.4.23.2	Elements.....	112
3.3.4.23.2.1	OnSessionConnecting	113
3.3.4.23.2.2	OnSessionConnectingResponse.....	113
3.3.4.23.3	Complex Types	113
3.3.4.24	OnSessionDisconnected Operation	113
3.3.4.24.1	Messages	113
3.3.4.24.1.1	IMultiPointCoreEventSink_OnSessionDisconnected_InputMessage Message	114
3.3.4.24.1.2	IMultiPointCoreEventSink_OnSessionDisconnected_OutputMessage Message	114
3.3.4.24.1.3	IMultiPointCoreEventSink_OnSessionDisconnected_WmsFaultType_FaultMessage Message	114
3.3.4.24.2	Elements	114
3.3.4.24.2.1	OnSessionDisconnected	115
3.3.4.24.2.2	OnSessionDisconnectedResponse.....	115

3.3.4.24.3	Complex Types	115
3.3.4.25	OnSessionUnblocked Operation.....	115
3.3.4.25.1	Messages	115
3.3.4.25.1.1	IMultiPointCoreEventSink_OnSessionUnblocked_InputMessage Message	116
3.3.4.25.1.2	IMultiPointCoreEventSink_OnSessionUnblocked_OutputMessage Message	116
3.3.4.25.1.3	IMultiPointCoreEventSink_OnSessionUnblocked_WmsFaultType_FaultMessage Message	116
3.3.4.25.2	Elements	116
3.3.4.25.2.1	OnSessionUnblocked	116
3.3.4.25.2.2	OnSessionUnblockedResponse	117
3.3.4.25.3	Complex Types	117
3.3.4.26	OnStationAdded Operation	117
3.3.4.26.1	Messages	117
3.3.4.26.1.1	IMultiPointCoreEventSink_OnStationAdded_InputMessage Message	117
3.3.4.26.1.2	IMultiPointCoreEventSink_OnStationAdded_OutputMessage Message	118
3.3.4.26.1.3	IMultiPointCoreEventSink_OnStationAdded_WmsFaultType_FaultMessage Message	118
3.3.4.26.2	Elements	118
3.3.4.26.2.1	OnStationAdded	118
3.3.4.26.2.2	OnStationAddedResponse	119
3.3.4.26.3	Complex Types	119
3.3.4.27	OnStationAlert Operation	119
3.3.4.27.1	Messages	119
3.3.4.27.1.1	IMultiPointCoreEventSink_OnStationAlert_InputMessage Message	119
3.3.4.27.1.2	IMultiPointCoreEventSink_OnStationAlert_OutputMessage Message	119
3.3.4.27.1.3	IMultiPointCoreEventSink_OnStationAlert_WmsFaultType_FaultMessage Message	120
3.3.4.27.2	Elements	120
3.3.4.27.2.1	OnStationAlert	120
3.3.4.27.2.2	OnStationAlertResponse	121
3.3.4.27.3	Complex Types	121
3.3.4.28	OnStationRemoved Operation.....	121
3.3.4.28.1	Messages	121
3.3.4.28.1.1	IMultiPointCoreEventSink_OnStationRemoved_InputMessage Message	122
3.3.4.28.1.2	IMultiPointCoreEventSink_OnStationRemoved_OutputMessage Message	122
3.3.4.28.1.3	IMultiPointCoreEventSink_OnStationRemoved_WmsFaultType_FaultMessage Message	122
3.3.4.28.2	Elements	122
3.3.4.28.2.1	OnStationRemoved	122
3.3.4.28.2.2	OnStationRemovedResponse	123
3.3.4.28.3	Complex Types	123
3.3.4.29	OnSystemAlert Operation.....	123
3.3.4.29.1	Messages	123
3.3.4.29.1.1	IMultiPointCoreEventSink_OnSystemAlert_InputMessage Message	123
3.3.4.29.1.2	IMultiPointCoreEventSink_OnSystemAlert_OutputMessage Message	124
3.3.4.29.1.3	IMultiPointCoreEventSink_OnSystemAlert_WmsFaultType_FaultMessage Message	124
3.3.4.29.2	Elements	124
3.3.4.29.2.1	OnSystemAlert	124
3.3.4.29.2.2	OnSystemAlertResponse	125
3.3.4.29.3	Complex Types	125

3.3.4.30	OnSystemModeChange Operation	125
3.3.4.30.1	Messages	125
3.3.4.30.1.1	IMultiPointCoreEventSink_OnSystemModeChange_InputMessage Message	126
3.3.4.30.1.2	IMultiPointCoreEventSink_OnSystemModeChange_OutputMessage Message	126
3.3.4.30.1.3	IMultiPointCoreEventSink_OnSystemModeChange_WmsFaultType_Fault Message Message	126
3.3.4.30.2	Elements	126
3.3.4.30.2.1	OnSystemModeChange	127
3.3.4.30.2.2	OnSystemModeChangeResponse	127
3.3.4.30.3	Complex Types	127
3.3.4.31	OnVirtualDesktopOnline	127
3.3.4.31.1	Messages	127
3.3.4.31.1.1	IMultiPointCoreEventSink_OnVirtualDesktopOnline_InputMessage Message	128
3.3.4.31.1.2	IMultiPointCoreEventSink_OnVirtualDesktopOnline_OutputMessage Message	128
3.3.4.31.1.3	IMultiPointCoreEventSink_OnVirtualDesktopOnline_WmsFaultType_Fault Message Message	128
3.3.4.31.2	Elements	128
3.3.4.31.2.1	OnVirtualDesktopOnline	129
3.3.4.31.2.2	OnVirtualDesktopOnlineResponse	129
3.3.4.31.3	Complex Types	129
3.3.4.32	OnVirtualDesktopNotification Operation	129
3.3.4.32.1	Messages	129
3.3.4.32.1.1	IMultiPointCoreEventSink_OnVirtualDesktopNotification_InputMessage Message	130
3.3.4.32.1.2	IMultiPointCoreEventSink_OnVirtualDesktopNotification_OutputMessage Message	130
3.3.4.32.1.3	IMultiPointCoreEventSink_OnVirtualDesktopNotification_WmsFaultType _FaultMessage Message	130
3.3.4.32.2	Elements	131
3.3.4.32.2.1	OnVirtualDesktopNotification	131
3.3.4.32.2.2	OnVirtualDesktopNotificationResponse	131
3.3.4.32.3	Complex Types	132
3.3.4.33	ShutdownNotification Operation	132
3.3.4.33.1	Messages	132
3.3.4.33.1.1	IMultiPointCoreEventSink_ShutdownNotification_InputMessage Message	132
3.3.4.33.1.2	IMultiPointCoreEventSink_ShutdownNotification_OutputMessage Message	132
3.3.4.33.1.3	IMultiPointCoreEventSink_ShutdownNotification_WmsFaultType_FaultM essage Message	133
3.3.4.33.2	Elements	133
3.3.4.33.2.1	ShutdownNotification	133
3.3.4.33.2.2	ShutdownNotificationResponse	133
3.3.4.33.3	Complex Types	133
3.3.4.34	OnUserCreated Operation	133
3.3.4.34.1	Messages	134
3.3.4.34.1.1	IMultiPointCoreEventSink_OnUserCreated_InputMessage Message ..	134
3.3.4.34.1.2	IMultiPointCoreEventSink_OnUserCreated_OutputMessage Message	134
3.3.4.34.1.3	IMultiPointCoreEventSink_OnUserCreated_WmsFaultType_FaultMessage Message	134

3.3.4.34.2	Elements	135
3.3.4.34.2.1	OnUserCreated	135
3.3.4.34.2.2	OnUserCreatedResponse	135
3.3.4.34.3	Complex Types	135
3.3.4.35	OnUserUpdated Operation	135
3.3.4.35.1	Messages	135
3.3.4.35.1.1	IMultiPointCoreEventSink_OnUserUpdated_InputMessage Message ..	136
3.3.4.35.1.2	IMultiPointCoreEventSink_OnUserUpdated_OutputMessage Message	136
3.3.4.35.1.3	IMultiPointCoreEventSink_OnUserUpdated_WmsFaultType_FaultMessage Message	136
3.3.4.35.2	Elements	136
3.3.4.35.2.1	OnUserUpdated	137
3.3.4.35.2.2	OnUserUpdatedResponse	137
3.3.4.35.3	Complex Types	137
3.3.4.36	OnUserDeleted Operation	137
3.3.4.36.1	Messages	137
3.3.4.36.1.1	IMultiPointCoreEventSink_OnUserDeleted_InputMessage Message ..	138
3.3.4.36.1.2	IMultiPointCoreEventSink_OnUserDeleted_OutputMessage Message	138
3.3.4.36.1.3	IMultiPointCoreEventSink_OnUserDeleted_WmsFaultType_FaultMessage Message	138
3.3.4.36.2	Elements	138
3.3.4.36.2.1	OnUserDeleted	138
3.3.4.36.2.2	OnUserDeletedResponse	139
3.3.4.36.3	Complex Types	139
3.3.4.37	OnGroupUpdated Operation	139
3.3.4.37.1	Messages	139
3.3.4.37.1.1	IMultiPointCoreEventSink_OnGroupUpdated_InputMessage Message	139
3.3.4.37.1.2	IMultiPointCoreEventSink_OnGroupUpdated_OutputMessage Message	140
3.3.4.37.1.3	IMultiPointCoreEventSink_OnGroupUpdated_WmsFaultType_FaultMessage Message	140
3.3.4.37.2	Elements	140
3.3.4.37.2.1	OnGroupUpdated	140
3.3.4.37.2.2	OnGroupUpdatedResponse	140
3.3.4.37.3	Complex Types	141
3.3.5	Timer Events	141
3.3.6	Other Local Events	141
3.4	IMultiPointCredentialRequest Server Details	141
3.4.1	Abstract Data Model	141
3.4.2	Timers	142
3.4.3	Initialization	142
3.4.4	Message Processing Events and Sequencing Rules	142
3.4.4.1	SetSslCertificate Operation	142
3.4.4.1.1	Messages	142
3.4.4.1.1.1	IMultiPointCredentialRequest_SetSslCertificate_InputMessage Message	143
3.4.4.1.1.2	IMultiPointCredentialRequest_SetSslCertificate_OutputMessage Message	143
3.4.4.1.1.3	IMultiPointCredentialRequest_SetSslCertificate_WmsFaultType_FaultMessage Message	143
3.4.4.1.2	Elements	143
3.4.4.1.2.1	SetSslCertificate	143
3.4.4.1.2.2	SetSslCertificateResponse	144
3.4.4.1.3	Complex Types	144
3.4.4.1.3.1	SetSslCertificateRequestBody	144

3.4.4.1.3.2	SetSslCertificateResponseBody	144
3.4.4.1.4	Simple Types	144
3.4.4.1.5	Attributes	144
3.4.4.1.6	Groups	144
3.4.4.1.7	Attribute Groups	145
3.4.4.2	RequestWmsControlCredentials Operation	145
3.4.4.2.1	Messages	145
3.4.4.2.1.1	IMultiPointCredentialRequest_RequestWmsControlCredentials_InputMessage Message	145
3.4.4.2.1.2	IMultiPointCredentialRequest_RequestWmsControlCredentials_OutputMessage Message	146
3.4.4.2.1.3	IMultiPointCredentialRequest_RequestWmsControlCredentials_WmsFaultType_FaultMessage Message	146
3.4.4.2.2	Elements	146
3.4.4.2.2.1	RequestWmsControlCredentials	146
3.4.4.2.2.2	RequestWmsControlCredentialsResponse	146
3.4.4.2.3	Complex Types	146
3.4.4.2.3.1	RequestWmsControlCredentialsRequestBody	147
3.4.4.2.3.2	RequestWmsControlCredentialsResponseBody	147
3.4.4.2.4	Simple Types	147
3.4.4.2.5	Attributes	147
3.4.4.2.6	Groups	147
3.4.4.2.7	Attribute Groups	147
3.4.5	Timer Events	147
3.4.6	Other Local Events	147
3.5	IMultiPointDiskProtection Server Details	147
3.5.1	Abstract Data Model	148
3.5.2	Timers	148
3.5.3	Initialization	148
3.5.4	Message Processing Events and Sequencing Rules	148
3.5.4.1	GetFreeSpaceNeeded Operation	148
3.5.4.1.1	Messages	149
3.5.4.1.1.1	IMultiPointDiskProtection_GetFreeSpaceNeeded_InputMessage Message	149
3.5.4.1.1.2	IMultiPointDiskProtection_GetFreeSpaceNeeded_OutputMessage Message	149
3.5.4.1.1.3	IMultiPointDiskProtection_GetFreeSpaceNeeded_WmsFaultType_FaultMessage Message	150
3.5.4.1.2	Elements	150
3.5.4.1.2.1	GetFreeSpaceNeeded	150
3.5.4.1.2.2	GetFreeSpaceNeededResponse	150
3.5.4.1.3	Complex Types	150
3.5.4.2	GetMode Operation	150
3.5.4.2.1	Messages	151
3.5.4.2.1.1	IMultiPointDiskProtection_GetMode_InputMessage Message	151
3.5.4.2.1.2	IMultiPointDiskProtection_GetMode_OutputMessage Message	151
3.5.4.2.1.3	IMultiPointDiskProtection_GetMode_WmsFaultType_FaultMessage Message	151
3.5.4.2.2	Elements	152
3.5.4.2.2.1	GetMode	152
3.5.4.2.2.2	GetModeResponse	152
3.5.4.2.3	Complex Types	152
3.5.4.3	GetScheduledUpdateSettings Operation	152
3.5.4.3.1	Messages	153

3.5.4.3.1.1	IMultiPointDiskProtection_GetScheduledUpdateSettings_InputMessage Message	153
3.5.4.3.1.2	IMultiPointDiskProtection_GetScheduledUpdateSettings_OutputMessage Message	153
3.5.4.3.1.3	IMultiPointDiskProtection_GetScheduledUpdateSettings_WmsFaultType_FaultMessage Message	153
3.5.4.3.2	Elements	154
3.5.4.3.2.1	GetScheduledUpdateSettings	154
3.5.4.3.2.2	GetScheduledUpdateSettingsResponse	154
3.5.4.3.3	Complex Types	154
3.5.4.3.3.1	GetScheduledUpdateSettingsRequestBody	154
3.5.4.3.3.2	GetScheduledUpdateSettingsResponseBody	154
3.5.4.4	Install Operation	155
3.5.4.4.1	Messages	155
3.5.4.4.1.1	IMultiPointDiskProtection_Install_InputMessage Message	156
3.5.4.4.1.2	IMultiPointDiskProtection_Install_OutputMessage Message	156
3.5.4.4.1.3	IMultiPointDiskProtection_Install_WmsFaultType_FaultMessage Message	156
3.5.4.4.2	Elements	156
3.5.4.4.2.1	Install	157
3.5.4.4.2.2	InstallResponse	157
3.5.4.4.3	Complex Types	157
3.5.4.5	IsInstalled Operation	157
3.5.4.5.1	Messages	157
3.5.4.5.1.1	IMultiPointDiskProtection_IsInstalled_InputMessage Message	157
3.5.4.5.1.2	IMultiPointDiskProtection_IsInstalled_OutputMessage Message	158
3.5.4.5.1.3	IMultiPointDiskProtection_IsInstalled_WmsFaultType_FaultMessage Message	158
3.5.4.5.2	Elements	158
3.5.4.5.2.1	IsInstalled	158
3.5.4.5.2.2	IsInstalledResponse	158
3.5.4.5.3	Complex Types	159
3.5.4.6	SetMode Operation	159
3.5.4.6.1	Messages	159
3.5.4.6.1.1	IMultiPointDiskProtection_SetMode_InputMessage Message	159
3.5.4.6.1.2	IMultiPointDiskProtection_SetMode_OutputMessage Message	159
3.5.4.6.1.3	IMultiPointDiskProtection_SetMode_WmsFaultType_FaultMessage Message	160
3.5.4.6.2	Elements	160
3.5.4.6.2.1	SetMode	160
3.5.4.6.2.2	SetModeResponse	160
3.5.4.6.3	Complex Types	160
3.5.4.7	SetScheduledUpdateSettings Operation	161
3.5.4.7.1	Messages	161
3.5.4.7.1.1	IMultiPointDiskProtection_SetScheduledUpdateSettings_InputMessage Message	161
3.5.4.7.1.2	IMultiPointDiskProtection_SetScheduledUpdateSettings_OutputMessage Message	161
3.5.4.7.1.3	IMultiPointDiskProtection_SetScheduledUpdateSettings_WmsFaultType_FaultMessage Message	162
3.5.4.7.2	Elements	162
3.5.4.7.2.1	SetScheduledUpdateSettings	162
3.5.4.7.2.2	SetScheduledUpdateSettingsResponse	162
3.5.4.7.3	Complex Types	162
3.5.4.7.3.1	SetScheduledUpdateSettingsRequestBody	162
3.5.4.7.3.2	SetScheduledUpdateSettingsResponseBody	163

3.5.4.8	Uninstall Operation.....	163
3.5.4.8.1	Messages	164
3.5.4.8.1.1	IMultiPointDiskProtection_Uninstall_InputMessage Message	164
3.5.4.8.1.2	IMultiPointDiskProtection_Uninstall_OutputMessage Message	164
3.5.4.8.1.3	IMultiPointDiskProtection_Uninstall_WmsFaultType_FaultMessage Message	164
3.5.4.8.2	Elements	165
3.5.4.8.2.1	Uninstall	165
3.5.4.8.2.2	UninstallResponse.....	165
3.5.4.8.3	Complex Types	165
3.5.5	Timer Events.....	165
3.5.6	Other Local Events.....	165
3.6	IMultiPointServer Server Details.....	165
3.6.1	Abstract Data Model.....	165
3.6.2	Timers	166
3.6.3	Initialization.....	166
3.6.4	Message Processing Events and Sequencing Rules	166
3.6.4.1	GetAllSessions Operation	167
3.6.4.1.1	Messages	168
3.6.4.1.1.1	IMultiPointServer_GetAllSessions_InputMessage Message.....	168
3.6.4.1.1.2	IMultiPointServer_GetAllSessions_OutputMessage Message.....	168
3.6.4.1.1.3	IMultiPointServer_GetAllSessions_WmsFaultType_FaultMessage Message	168
3.6.4.1.2	Elements	169
3.6.4.1.2.1	GetAllSessions.....	169
3.6.4.1.2.2	GetAllSessionsResponse	169
3.6.4.1.3	Complex Types	169
3.6.4.1.3.1	GetAllSessionsRequestBody.....	169
3.6.4.1.3.2	GetAllSessionsResponseBody	169
3.6.4.1.3.3	WMS_SESSION_INFO_WS	170
3.6.4.1.3.4	ArrayOfWMS_SESSION_INFO_WS.....	170
3.6.4.1.4	Simple Types	171
3.6.4.2	GetClientVersion Operation	171
3.6.4.2.1	Messages	171
3.6.4.2.1.1	IMultiPointServer_GetClientVersion_InputMessage Message	171
3.6.4.2.1.2	IMultiPointServer_GetClientVersion_OutputMessage Message	172
3.6.4.2.1.3	IMultiPointServer_GetClientVersion_WmsFaultType_FaultMessage Message	172
3.6.4.2.2	Elements	172
3.6.4.2.2.1	GetClientVersion	172
3.6.4.2.2.2	GetClientVersionResponse.....	172
3.6.4.2.3	Complex Types	172
3.6.4.2.3.1	GetClientVersionRequestBody.....	173
3.6.4.2.3.2	GetClientVersionResponseBody.....	173
3.6.4.3	GetPeerWmsServerList Operation.....	173
3.6.4.3.1	Messages	173
3.6.4.3.1.1	IMultiPointServer_GetPeerWmsServerList_InputMessage Message ..	174
3.6.4.3.1.2	IMultiPointServer_GetPeerWmsServerList_OutputMessage Message	174
3.6.4.3.1.3	IMultiPointServer_GetPeerWmsServerList_WmsFaultType_FaultMessage Message	174
3.6.4.3.2	Elements	174
3.6.4.3.2.1	GetPeerWmsServerList	174
3.6.4.3.2.2	GetPeerWmsServerListResponse	175
3.6.4.3.3	Complex Types	175
3.6.4.3.3.1	GetPeerWmsServerListRequestBody	175
3.6.4.3.3.2	GetPeerWmsServerListResponseBody	175
3.6.4.4	GetPeerWmsConnectorList Operation.....	175
3.6.4.4.1	Messages	175

3.6.4.4.1.1	IMultiPointServer_GetPeerWmsConnectorList_InputMessage Message	176
3.6.4.4.1.2	IMultiPointServer_GetPeerWmsConnectorList_OutputMessage Message	176
3.6.4.4.1.3	IMultiPointServer_GetPeerWmsConnectorList_WmsFaultType_FaultMessage Message	176
3.6.4.4.2	Elements	176
3.6.4.4.2.1	GetPeerWmsConnectorList	177
3.6.4.4.2.2	GetPeerWmsConnectorListResponse	177
3.6.4.4.3	Complex Types	177
3.6.4.4.3.1	GetPeerWmsConnectorListRequestBody	177
3.6.4.4.3.2	GetPeerWmsConnectorListResponseBody	177
3.6.4.5	GetServerVersion Operation	177
3.6.4.5.1	Messages	178
3.6.4.5.1.1	IMultiPointServer_GetServerVersion_InputMessage Message	178
3.6.4.5.1.2	IMultiPointServer_GetServerVersion_OutputMessage Message	178
3.6.4.5.1.3	IMultiPointServer_GetServerVersion_WmsFaultType_FaultMessage Message	178
3.6.4.5.2	Elements	179
3.6.4.5.2.1	GetServerVersion	179
3.6.4.5.2.2	GetServerVersionResponse	179
3.6.4.5.3	Complex Types	179
3.6.4.5.3.1	GetServerVersionRequestBody	179
3.6.4.5.3.2	GetServerVersionResponseBody	179
3.6.4.6	GetSystemAlertStatus Operation	180
3.6.4.6.1	Messages	180
3.6.4.6.1.1	IMultiPointServer_GetSystemAlertStatus_InputMessage Message	180
3.6.4.6.1.2	IMultiPointServer_GetSystemAlertStatus_OutputMessage Message	180
3.6.4.6.1.3	IMultiPointServer_GetSystemAlertStatus_WmsFaultType_FaultMessage Message	181
3.6.4.6.2	Elements	181
3.6.4.6.2.1	GetSystemAlertStatus	181
3.6.4.6.2.2	GetSystemAlertStatusResponse	181
3.6.4.6.3	Complex Types	182
3.6.4.7	GetSystemMode Operation	182
3.6.4.7.1	Messages	182
3.6.4.7.1.1	IMultiPointServer_GetSystemMode_InputMessage Message	183
3.6.4.7.1.2	IMultiPointServer_GetSystemMode_OutputMessage Message	183
3.6.4.7.1.3	IMultiPointServer_GetSystemMode_WmsFaultType_FaultMessage Message	183
3.6.4.7.2	Elements	183
3.6.4.7.2.1	GetSystemMode	184
3.6.4.7.2.2	GetSystemModeResponse	184
3.6.4.7.3	Complex Types	184
3.6.4.8	GetUseHardwareGpu Operation	184
3.6.4.8.1	Messages	184
3.6.4.8.1.1	IMultiPointServer_GetUseHardwareGpu_InputMessage	185
3.6.4.8.1.2	IMultiPointServer_GetUseHardwareGpu_OutputMessage	185
3.6.4.8.1.3	IMultiPointServer_GetUseHardwareGpu_WmsFaultType_FaultMessage	185
3.6.4.8.2	Elements	185
3.6.4.8.2.1	GetUseHardwareGpu	186
3.6.4.8.2.2	GetUseHardwareGpuResponse	186
3.6.4.8.3	Complex Types	186
3.6.4.8.3.1	GetUseHardwareGpuRequestBody	186
3.6.4.8.3.2	GetUseHardwareGpuResponseBody	186
3.6.4.9	GetVirtualMachineIpAddress Operation	186

3.6.4.9.1	Messages	186
3.6.4.9.1.1	IMultiPointServer_GetVirtualMachineIpAddress_InputMessage Message	187
3.6.4.9.1.2	IMultiPointServer_GetVirtualMachineIpAddress_OutputMessage Message	187
3.6.4.9.1.3	IMultiPointServer_GetVirtualMachineIpAddress_WmsFaultType_FaultMessage Message	187
3.6.4.9.2	Elements	187
3.6.4.9.2.1	GetVirtualMachineIpAddress	188
3.6.4.9.2.2	GetVirtualMachineIpAddressResponse	188
3.6.4.9.3	Complex Types	188
3.6.4.9.3.1	GetVirtualMachineIpAddressRequestBody	188
3.6.4.9.3.2	GetVirtualMachineIpAddressResponseBody	188
3.6.4.10	Reboot Operation	189
3.6.4.10.1	Messages	189
3.6.4.10.1.1	IMultiPointServer_Reboot_InputMessage Message	189
3.6.4.10.1.2	IMultiPointServer_Reboot_OutputMessage Message	189
3.6.4.10.1.3	IMultiPointServer_Reboot_WmsFaultType_FaultMessage Message	189
3.6.4.10.2	Elements	190
3.6.4.10.2.1	Reboot	190
3.6.4.10.2.2	RebootResponse	190
3.6.4.10.3	Complex Types	190
3.6.4.11	RegisterChatEventSink Operation	190
3.6.4.11.1	Messages	190
3.6.4.11.1.1	IMultiPointServer_RegisterChatEventSink_InputMessage Message ..	191
3.6.4.11.1.2	IMultiPointServer_RegisterChatEventSink_OutputMessage Message	191
3.6.4.11.1.3	IMultiPointServer_RegisterChatEventSink_WmsFaultType_FaultMessage Message	191
3.6.4.11.2	Elements	191
3.6.4.11.2.1	RegisterChatEventSink	192
3.6.4.11.2.2	RegisterChatEventSinkResponse	192
3.6.4.11.3	Complex Types	192
3.6.4.11.3.1	RegisterChatEventSinkRequestBody	192
3.6.4.11.3.2	RegisterChatEventSinkResponseBody	192
3.6.4.12	RegisterCoreEventSink Operation	193
3.6.4.12.1	Messages	193
3.6.4.12.1.1	IMultiPointServer_RegisterCoreEventSink_InputMessage Message ..	193
3.6.4.12.1.2	IMultiPointServer_RegisterCoreEventSink_OutputMessage Message	193
3.6.4.12.1.3	IMultiPointServer_RegisterCoreEventSink_WmsFaultType_FaultMessage Message	194
3.6.4.12.2	Elements	194
3.6.4.12.2.1	RegisterCoreEventSink	194
3.6.4.12.2.2	RegisterCoreEventSinkResponse	194
3.6.4.12.3	Complex Types	194
3.6.4.12.3.1	RegisterCoreEventSinkRequestBody	194
3.6.4.12.3.2	RegisterCoreEventSinkResponseBody	195
3.6.4.13	Shutdown Operation	195
3.6.4.13.1	Messages	195
3.6.4.13.1.1	IMultiPointServer_Shutdown_InputMessage Message	195
3.6.4.13.1.2	IMultiPointServer_Shutdown_OutputMessage Message	196
3.6.4.13.1.3	IMultiPointServer_Shutdown_WmsFaultType_FaultMessage Message	196
3.6.4.13.2	Elements	196
3.6.4.13.2.1	Shutdown	196
3.6.4.13.2.2	ShutdownResponse	196
3.6.4.13.3	Complex Types	196
3.6.4.14	UnregisterChatEventSink Operation	197
3.6.4.14.1	Messages	197

3.6.4.14.1.1	IMultiPointServer_UnregisterChatEventSink_InputMessage Message	197
3.6.4.14.1.2	IMultiPointServer_UnregisterChatEventSink_OutputMessage Message	197
3.6.4.14.1.3	IMultiPointServer_UnregisterChatEventSink_WmsFaultType_FaultMessage Message	198
3.6.4.14.2	Elements	198
3.6.4.14.2.1	UnregisterChatEventSink	198
3.6.4.14.2.2	UnregisterChatEventSinkResponse	198
3.6.4.14.3	Complex Types	198
3.6.4.15	UnregisterCoreEventSink Operation	198
3.6.4.15.1	Messages	199
3.6.4.15.1.1	IMultiPointServer_UnregisterCoreEventSink_InputMessage Message	199
3.6.4.15.1.2	IMultiPointServer_UnregisterCoreEventSink_OutputMessage Message	199
3.6.4.15.1.3	IMultiPointServer_UnregisterCoreEventSink_WmsFaultType_FaultMessage Message	199
3.6.4.15.2	Elements	200
3.6.4.15.2.1	UnregisterCoreEventSink	200
3.6.4.15.2.2	UnregisterCoreEventSinkResponse	200
3.6.4.15.3	Complex Types	200
3.6.4.16	CanModifyWau Operation	200
3.6.4.16.1	Messages	201
3.6.4.16.1.1	IMultiPointServer_CanModifyWau_InputMessage Message	201
3.6.4.16.1.2	IMultiPointServer_CanModifyWau_OutputMessage Message	201
3.6.4.16.1.3	IMultiPointServer_CanModifyWau_WmsFaultType_FaultMessage Message	201
3.6.4.16.2	Elements	201
3.6.4.16.2.1	CanModifyWau	202
3.6.4.16.2.2	CanModifyWauResponse	202
3.6.4.16.3	Complex Types	202
3.6.4.17	EnableCeip Operation	202
3.6.4.17.1	Messages	202
3.6.4.17.1.1	IMultiPointServer_EnableCeip_InputMessage Message	203
3.6.4.17.1.2	IMultiPointServer_EnableCeip_OutputMessage Message	203
3.6.4.17.1.3	IMultiPointServer_EnableCeip_WmsFaultType_FaultMessage Message	203
3.6.4.17.2	Elements	203
3.6.4.17.2.1	EnableCeip	204
3.6.4.17.2.2	EnableCeipResponse	204
3.6.4.17.3	Complex Types	204
3.6.4.18	Enable Chat Operation	204
3.6.4.18.1	Messages	204
3.6.4.18.1.1	IMultiPointServer_EnableChat_InputMessage Message	204
3.6.4.18.1.2	IMultiPointServer_EnableChat_OutputMessage Message	205
3.6.4.18.1.3	IMultiPointServer_EnableChat_WmsFaultType_FaultMessage Message	205
3.6.4.18.2	Elements	205
3.6.4.18.2.1	EnableChat	205
3.6.4.18.2.2	EnableChatResponse	206
3.6.4.18.3	Complex Types	206
3.6.4.19	EnableWau Operation	206
3.6.4.19.1	Messages	206
3.6.4.19.1.1	IMultiPointServer_EnableWau_InputMessage Message	206
3.6.4.19.1.2	IMultiPointServer_EnableWau_OutputMessage Message	207
3.6.4.19.1.3	IMultiPointServer_EnableWau_WmsFaultType_FaultMessage Message	207

3.6.4.19.2	Elements	207
3.6.4.19.2.1	EnableWau	207
3.6.4.19.2.2	EnableWauResponse	207
3.6.4.19.3	Complex Types	208
3.6.4.20	EnableWer Operation	208
3.6.4.20.1	Messages	208
3.6.4.20.1.1	IMultiPointServer_EnableWer_InputMessage Message	208
3.6.4.20.1.2	IMultiPointServer_EnableWer_OutputMessage Message	208
3.6.4.20.1.3	IMultiPointServer_EnableWer_WmsFaultType_FaultMessage Message	209
3.6.4.20.2	Elements	209
3.6.4.20.2.1	EnableWer	209
3.6.4.20.2.2	EnableWerResponse	209
3.6.4.20.3	Complex Types	209
3.6.4.21	GetLicenseCount Operation	210
3.6.4.21.1	Messages	210
3.6.4.21.1.1	IMultiPointServer_GetLicenseCount_InputMessage Message	210
3.6.4.21.1.2	IMultiPointServer_GetLicenseCount_OutputMessage Message	210
3.6.4.21.1.3	IMultiPointServer_GetLicenseCount_WmsFaultType_FaultMessage Message	211
3.6.4.21.2	Elements	211
3.6.4.21.2.1	GetLicenseCount	211
3.6.4.21.2.2	GetLicenseCountResponse	211
3.6.4.21.3	Complex Types	211
3.6.4.22	GetManagedSystemsType Operation	211
3.6.4.22.1	Messages	212
3.6.4.22.1.1	IMultiPointServer_GetManagedSystemsType_InputMessage Message	212
3.6.4.22.1.2	IMultiPointServer_GetManagedSystemsType_OutputMessage Message	212
3.6.4.22.1.3	IMultiPointServer_GetManagedSystemsType_WmsFaultType_FaultMessage Message	212
3.6.4.22.2	Elements	213
3.6.4.22.2.1	GetManagedSystemsType	213
3.6.4.22.2.2	GetManagedSystemsTypeResponse	213
3.6.4.22.3	Complex Types	213
3.6.4.23	GetNetJoinStatus Operation	213
3.6.4.23.1	Messages	214
3.6.4.23.1.1	IMultiPointServer_GetNetJoinStatus_InputMessage Message	214
3.6.4.23.1.2	IMultiPointServer_GetNetJoinStatus_OutputMessage Message	214
3.6.4.23.1.3	IMultiPointServer_GetNetJoinStatus_WmsFaultType_FaultMessage Message	214
3.6.4.23.2	Elements	214
3.6.4.23.2.1	GetNetJoinStatus	215
3.6.4.23.2.2	GetNetJoinStatusResponse	215
3.6.4.23.3	Complex Types	215
3.6.4.23.3.1	GetNetJoinStatusRequestBody	215
3.6.4.23.3.2	GetNetJoinStatusResponseBody	215
3.6.4.24	GetReplacementSslCertificate Operation	216
3.6.4.24.1	Messages	216
3.6.4.24.1.1	IMultiPointServer_GetReplacementSslCertificate_InputMessage Message	216
3.6.4.24.1.2	IMultiPointServer_GetReplacementSslCertificate_OutputMessage Message	216
3.6.4.24.1.3	IMultiPointServer_GetReplacementSslCertificate_WmsFaultType_FaultMessage Message	217
3.6.4.24.2	Elements	217

3.6.4.24.2.1	GetReplacementSslCertificate	217
3.6.4.24.2.2	GetReplacementSslCertificateResponse.....	217
3.6.4.24.3	Complex Types	217
3.6.4.25	GetVirtualMachineHostname Operation	217
3.6.4.25.1	Messages	218
3.6.4.25.1.1	IMultiPointServer_GetVirtualMachineHostname_InputMessage Message	218
3.6.4.25.1.2	IMultiPointServer_GetVirtualMachineHostname_OutputMessage Message	218
3.6.4.25.1.3	IMultiPointServer_GetVirtualMachineHostname_WmsFaultType_FaultMessage Message	218
3.6.4.25.2	Elements	219
3.6.4.25.2.1	GetVirtualMachineHostname	219
3.6.4.25.2.2	GetVirtualMachineHostnameResponse	219
3.6.4.25.3	Complex Types	219
3.6.4.25.3.1	GetVirtualMachineHostnameRequestBody	219
3.6.4.25.3.2	GetVirtualMachineHostnameResponseBody	219
3.6.4.26	GetWmsWebLimiting Operation.....	220
3.6.4.26.1	Messages	220
3.6.4.26.1.1	IMultiPointServer_GetWmsWebLimiting_InputMessage Message	220
3.6.4.26.1.2	IMultiPointServer_GetWmsWebLimiting_OutputMessage Message	220
3.6.4.26.1.3	IMultiPointServer_GetWmsWebLimiting_WmsFaultType_FaultMessage Message	221
3.6.4.26.2	Elements	221
3.6.4.26.2.1	GetWmsWebLimiting	221
3.6.4.26.2.2	GetWmsWebLimitingResponse	221
3.6.4.26.3	Complex Types	221
3.6.4.26.3.1	GetWmsWebLimitingRequestBody	221
3.6.4.26.3.2	GetWmsWebLimitingResponseBody	221
3.6.4.27	IsAdminOrchestrationMode Operation.....	222
3.6.4.27.1	Messages	222
3.6.4.27.1.1	IMultiPointServer_IsAdminOrchestrationMode_InputMessage	222
3.6.4.27.1.2	IMultiPointServer_IsAdminOrchestrationMode_OutputMessage	223
3.6.4.27.1.3	IMultiPointServer_IsAdminOrchestrationMode_WmsFaultType_FaultMessage	223
3.6.4.27.2	Elements	223
3.6.4.27.2.1	IsAdminOrchestrationMode	223
3.6.4.27.2.2	IsAdminOrchestrationModeResponse	223
3.6.4.27.3	Complex Types	223
3.6.4.27.3.1	IsAdminOrchestrationModeRequestBody	224
3.6.4.27.3.2	IsAdminOrchestrationModeResponseBody	224
3.6.4.28	IsBootToConsoleMode Operation.....	224
3.6.4.28.1	Messages	224
3.6.4.28.1.1	IMultiPointServer_IsBootToConsoleMode_InputMessage Message	225
3.6.4.28.1.2	IMultiPointServer_IsBootToConsoleMode_OutputMessage Message	225
3.6.4.28.1.3	IMultiPointServer_IsBootToConsoleMode_WmsFaultType_FaultMessage Message	225
3.6.4.28.2	Elements	225
3.6.4.28.2.1	IsBootToConsoleMode	225
3.6.4.28.2.2	IsBootToConsoleModeResponse	226
3.6.4.28.3	Complex Types	226
3.6.4.29	IsCeipEnabled Operation.....	226
3.6.4.29.1	Messages	226
3.6.4.29.1.1	IMultiPointServer_IsCeipEnabled_InputMessage Message	227
3.6.4.29.1.2	IMultiPointServer_IsCeipEnabled_OutputMessage Message	227

3.6.4.29.1.3	IMultiPointServer_IsCeipEnabled_WmsFaultType_FaultMessage Message	227
3.6.4.29.2	Elements	227
3.6.4.29.2.1	IsCeipEnabled	227
3.6.4.29.2.2	IsCeipEnabledResponse	227
3.6.4.29.3	Complex Types	228
3.6.4.30	IsChatEnabled Operation	228
3.6.4.30.1	Messages	228
3.6.4.30.1.1	IMultiPointServer_IsChatEnabled_InputMessage Message	228
3.6.4.30.1.2	IMultiPointServer_IsChatEnabled_OutputMessage Message	229
3.6.4.30.1.3	IMultiPointServer_IsChatEnabled_WmsFaultType_FaultMessage Message	229
3.6.4.30.2	Elements	229
3.6.4.30.2.1	IsChatEnabled	229
3.6.4.30.2.2	IsChatEnabledResponse	229
3.6.4.30.3	Complex Types	230
3.6.4.31	IsDesktopMonitoringAllowed Operation	230
3.6.4.31.1	Messages	230
3.6.4.31.1.1	IMultiPointServer_IsDesktopMonitoringAllowed_InputMessage Message	230
3.6.4.31.1.2	IMultiPointServer_IsDesktopMonitoringAllowed_OutputMessage Message	231
3.6.4.31.1.3	IMultiPointServer_IsDesktopMonitoringAllowed_WmsFaultType_FaultMessage Message	231
3.6.4.31.2	Elements	231
3.6.4.31.2.1	IsDesktopMonitoringAllowed	231
3.6.4.31.2.2	IsDesktopMonitoringAllowedResponse	231
3.6.4.31.3	Complex Types	232
3.6.4.32	IsHypervisorPresent Operation	232
3.6.4.32.1	Messages	232
3.6.4.32.1.1	IMultiPointServer_IsHypervisorPresent_InputMessage Message	232
3.6.4.32.1.2	IMultiPointServer_IsHypervisorPresent_OutputMessage Message	232
3.6.4.32.1.3	IMultiPointServer_IsHypervisorPresent_WmsFaultType_FaultMessage Message	233
3.6.4.32.2	Elements	233
3.6.4.32.2.1	IsHypervisorPresent	233
3.6.4.32.2.2	IsHypervisorPresentResponse	233
3.6.4.32.3	Complex Types	233
3.6.4.33	IsSingleSessionPerUser Operation	234
3.6.4.33.1	Messages	234
3.6.4.33.1.1	IMultiPointServer_IsSingleSessionPerUser_InputMessage Message	234
3.6.4.33.1.2	IMultiPointServer_IsSingleSessionPerUser_OutputMessage Message	234
3.6.4.33.1.3	IMultiPointServer_IsSingleSessionPerUser_WmsFaultType_FaultMessage Message	235
3.6.4.33.2	Elements	235
3.6.4.33.2.1	IsSingleSessionPerUser	235
3.6.4.33.2.2	IsSingleSessionPerUserResponse	235
3.6.4.33.3	Complex Types	235
3.6.4.34	IsSuppressPrivacyNotificationSet Operation	235
3.6.4.34.1	Messages	236
3.6.4.34.1.1	IMultiPointServer_IsSuppressPrivacyNotificationSet_InputMessage Message	236
3.6.4.34.1.2	IMultiPointServer_IsSuppressPrivacyNotificationSet_OutputMessage Message	236
3.6.4.34.1.3	IMultiPointServer_IsSuppressPrivacyNotificationSet_WmsFaultType_FaultMessage Message	237

3.6.4.34.2	Elements	237
3.6.4.34.2.1	IsSuppressPrivacyNotificationSet	237
3.6.4.34.2.2	IsSuppressPrivacyNotificationSetResponse	237
3.6.4.34.3	Complex Types	237
3.6.4.35	IsVirtualIpPerSessionEnabled Operation	237
3.6.4.35.1	Messages	238
3.6.4.35.1.1	IMultiPointServer_IsVirtualIpPerSessionEnabled_InputMessage Message	238
3.6.4.35.1.2	IMultiPointServer_IsVirtualIpPerSessionEnabled_OutputMessage Message	238
3.6.4.35.1.3	IMultiPointServer_IsVirtualIpPerSessionEnabled_WmsFaultType_FaultMessage Message	239
3.6.4.35.2	Elements	239
3.6.4.35.2.1	IsVirtualIpPerSessionEnabled	239
3.6.4.35.2.2	IsVirtualIpPerSessionEnabledResponse	239
3.6.4.35.3	Complex Types	239
3.6.4.36	IsWauEnabled Operation	239
3.6.4.36.1	Messages	240
3.6.4.36.1.1	IMultiPointServer_IsWauEnabled_InputMessage Message	240
3.6.4.36.1.2	IMultiPointServer_IsWauEnabled_OutputMessage Message	240
3.6.4.36.1.3	IMultiPointServer_IsWauEnabled_WmsFaultType_FaultMessage Message	240
3.6.4.36.2	Elements	241
3.6.4.36.2.1	IsWauEnabled	241
3.6.4.36.2.2	IsWauEnabledResponse	241
3.6.4.36.3	Complex Types	241
3.6.4.37	IsWerEnabled Operation	241
3.6.4.37.1	Messages	242
3.6.4.37.1.1	IMultiPointServer_IsWerEnabled_InputMessage Message	242
3.6.4.37.1.2	IMultiPointServer_IsWerEnabled_OutputMessage Message	242
3.6.4.37.1.3	IMultiPointServer_IsWerEnabled_WmsFaultType_FaultMessage Message	242
3.6.4.37.2	Elements	243
3.6.4.37.2.1	IsWerEnabled	243
3.6.4.37.2.2	IsWerEnabledResponse	243
3.6.4.37.3	Complex Types	243
3.6.4.38	LoadWindowsEdition Operation	243
3.6.4.38.1	Messages	244
3.6.4.38.1.1	IMultiPointServer_LoadWindowsEdition_InputMessage Message	244
3.6.4.38.1.2	IMultiPointServer_LoadWindowsEdition_OutputMessage Message	244
3.6.4.38.1.3	IMultiPointServer_LoadWindowsEdition_WmsFaultType_FaultMessage Message	244
3.6.4.38.2	Elements	244
3.6.4.38.2.1	LoadWindowsEdition	245
3.6.4.38.2.2	LoadWindowsEditionResponse	245
3.6.4.38.3	Complex Types	245
3.6.4.38.3.1	LoadWindowsEditionRequestBody	245
3.6.4.38.3.2	LoadWindowsEditionResponseBody	245
3.6.4.39	OnboardVirtualDesktop Operation	245
3.6.4.39.1	Messages	246
3.6.4.39.1.1	IMultiPointServer_OnboardVirtualDesktop_InputMessage Message	246
3.6.4.39.1.2	IMultiPointServer_OnboardVirtualDesktop_OutputMessage Message	246
3.6.4.39.1.3	IMultiPointServer_OnboardVirtualDesktop_WmsFaultType_FaultMessage Message	246
3.6.4.39.2	Elements	247
3.6.4.39.2.1	OnboardVirtualDesktop	247
3.6.4.39.2.2	OnboardVirtualDesktopResponse	247

3.6.4.39.3	Complex Types	247
3.6.4.39.3.1	OnboardVirtualDesktopRequestBody	247
3.6.4.39.3.2	OnboardVirtualDesktopResponseBody	247
3.6.4.40	SetAdminOrchestrationMode Operation	248
3.6.4.40.1	Messages	248
3.6.4.40.1.1	IMultiPointServer_SetAdminOrchestrationMode_InputMessage	249
3.6.4.40.1.2	IMultiPointServer_SetAdminOrchestrationMode_OutputMessage	249
3.6.4.40.1.3	IMultiPointServer_SetAdminOrchestrationMode_WmsFaultType_FaultMessage	249
3.6.4.40.2	Elements	249
3.6.4.40.2.1	SetAdminOrchestrationMode	249
3.6.4.40.2.2	SetAdminOrchestrationModeResponse	249
3.6.4.40.3	Complex Types	250
3.6.4.40.3.1	SetAdminOrchestrationModeRequestBody	250
3.6.4.40.3.2	SetAdminOrchestrationModeResponseBody	250
3.6.4.41	SetBlockAllMessage Operation	250
3.6.4.41.1	Messages	250
3.6.4.41.1.1	IMultiPointServer_SetBlockAllMessage_InputMessage Message	251
3.6.4.41.1.2	IMultiPointServer_SetBlockAllMessage_OutputMessage Message	251
3.6.4.41.1.3	IMultiPointServer_SetBlockAllMessage_WmsFaultType_FaultMessage Message	251
3.6.4.41.2	Elements	251
3.6.4.41.2.1	SetBlockAllMessage	252
3.6.4.41.2.2	SetBlockAllMessageResponse	252
3.6.4.41.3	Complex Types	252
3.6.4.42	SetBootToConsoleMode Operation	252
3.6.4.42.1	Messages	252
3.6.4.42.1.1	IMultiPointServer_SetBootToConsoleMode_InputMessage Message	253
3.6.4.42.1.2	IMultiPointServer_SetBootToConsoleMode_OutputMessage Message	253
3.6.4.42.1.3	IMultiPointServer_SetBootToConsoleMode_WmsFaultType_FaultMessage Message	253
3.6.4.42.2	Elements	253
3.6.4.42.2.1	SetBootToConsoleMode	253
3.6.4.42.2.2	SetBootToConsoleModeResponse	254
3.6.4.42.3	Complex Types	254
3.6.4.43	SetReplacementSslCertificate Operation	254
3.6.4.43.1	Messages	254
3.6.4.43.1.1	IMultiPointServer_SetReplacementSslCertificate_InputMessage Message	255
3.6.4.43.1.2	IMultiPointServer_SetReplacementSslCertificate_OutputMessage Message	255
3.6.4.43.1.3	IMultiPointServer_SetReplacementSslCertificate_WmsFaultType_FaultMessage Message	255
3.6.4.43.2	Elements	255
3.6.4.43.2.1	SetReplacementSslCertificate	255
3.6.4.43.2.2	SetReplacementSslCertificateResponse	256
3.6.4.43.3	Complex Types	256
3.6.4.44	SetSuppressPrivacyNotification Operation	256
3.6.4.44.1	Messages	256
3.6.4.44.1.1	IMultiPointServer_SetSuppressPrivacyNotification_InputMessage Message	257
3.6.4.44.1.2	IMultiPointServer_SetSuppressPrivacyNotification_OutputMessage Message	257

3.6.4.44.1.3	IMultiPointServer_SetSuppressPrivacyNotification_WmsFaultType_Fault Message Message	257
3.6.4.44.2	Elements	257
3.6.4.44.2.1	SetSuppressPrivacyNotification	257
3.6.4.44.2.2	SetSuppressPrivacyNotificationResponse	258
3.6.4.44.3	Complex Types	258
3.6.4.45	SetUseHardwareGpu Operation	258
3.6.4.45.1	Messages	258
3.6.4.45.1.1	IMultiPointServer_SetUseHardwareGpu_InputMessage	258
3.6.4.45.1.2	IMultiPointServer_SetUseHardwareGpu_OutputMessage	259
3.6.4.45.1.3	IMultiPointServer_SetUseHardwareGpu_WmsFaultType_FaultMessage	259
3.6.4.45.2	Elements	259
3.6.4.45.2.1	SetUseHardwareGpu	259
3.6.4.45.2.2	SetUseHardwareGpuResponse	259
3.6.4.45.3	Complex Types	259
3.6.4.45.3.1	SetUseHardwareGpuRequestBody	260
3.6.4.45.3.2	SetUseHardwareGpuResponseBody	260
3.6.4.46	ValidateAutoLogonAccount Operation	260
3.6.4.46.1	Messages	260
3.6.4.46.1.1	IMultiPointServer_ValidateAutoLogonAccount_InputMessage Message	261
3.6.4.46.1.2	IMultiPointServer_ValidateAutoLogonAccount_OutputMessage Message	261
3.6.4.46.1.3	IMultiPointServer_ValidateAutoLogonAccount_WmsFaultType_FaultMessage Message	261
3.6.4.46.2	Elements	261
3.6.4.46.2.1	ValidateAutoLogonAccount	261
3.6.4.46.2.2	ValidateAutoLogonAccountResponse	261
3.6.4.46.3	Complex Types	262
3.6.4.46.3.1	ValidateAutoLogonAccountRequestBody	262
3.6.4.46.3.2	ValidateAutoLogonAccountResponseBody	262
3.6.4.47	EnableVirtualIpPerSession Operation	262
3.6.4.47.1	Messages	263
3.6.4.47.1.1	IMultiPointServer_EnableVirtualIpPerSession_InputMessage Message	263
3.6.4.47.1.2	IMultiPointServer_EnableVirtualIpPerSession_OutputMessage Message	263
3.6.4.47.1.3	IMultiPointServer_EnableVirtualIpPerSession_WmsFaultType_FaultMessage Message	263
3.6.4.47.2	Elements	264
3.6.4.47.2.1	EnableVirtualIpPerSession	264
3.6.4.47.2.2	EnableVirtualIpPerSessionResponse	264
3.6.4.47.3	Complex Types	264
3.6.4.48	SetDesktopMonitoring Operation	264
3.6.4.48.1	Messages	265
3.6.4.48.1.1	IMultiPointServer_SetDesktopMonitoring_InputMessage Message	265
3.6.4.48.1.2	IMultiPointServer_SetDesktopMonitoring_OutputMessage Message	265
3.6.4.48.1.3	IMultiPointServer_SetDesktopMonitoring_WmsFaultType_FaultMessage Message	265
3.6.4.48.2	Elements	265
3.6.4.48.2.1	SetDesktopMonitoring	266
3.6.4.48.2.2	SetDesktopMonitoringResponse	266
3.6.4.48.3	Complex Types	266
3.6.4.49	SetSingleSessionPerUser Operation	266

3.6.4.49.1	Messages	266
3.6.4.49.1.1	IMultiPointServer_SetSingleSessionPerUser_InputMessage Message	267
3.6.4.49.1.2	IMultiPointServer_SetSingleSessionPerUser_OutputMessage Message	267
3.6.4.49.1.3	IMultiPointServer_SetSingleSessionPerUser_WmsFaultType_FaultMessage Message	267
3.6.4.49.2	Elements	267
3.6.4.49.2.1	SetSingleSessionPerUser	268
3.6.4.49.2.2	SetSingleSessionPerUserResponse	268
3.6.4.49.3	Complex Types	268
3.6.5	Timer Events.....	268
3.6.6	Other Local Events.....	268
3.7	IMultiPointSession Server Details	268
3.7.1	Abstract Data Model.....	268
3.7.2	Timers	268
3.7.3	Initialization.....	268
3.7.4	Message Processing Events and Sequencing Rules	269
3.7.4.1	CurrentActivity Operation.....	270
3.7.4.1.1	Messages	270
3.7.4.1.1.1	IMultiPointSession_CurrentActivity_InputMessage Message	270
3.7.4.1.1.2	IMultiPointSession_CurrentActivity_OutputMessage Message.....	270
3.7.4.1.1.3	IMultiPointSession_CurrentActivity_WmsFaultType_FaultMessage Message	271
3.7.4.1.2	Elements.....	271
3.7.4.1.2.1	CurrentActivity	271
3.7.4.1.2.2	CurrentActivityResponse	271
3.7.4.1.3	Complex Types	271
3.7.4.1.3.1	CurrentActivityRequestBody	271
3.7.4.1.3.2	CurrentActivityResponseBody	272
3.7.4.2	CloseSessionApplication Operation	272
3.7.4.2.1	Messages	272
3.7.4.2.1.1	IMultiPointSession_CloseSessionApplication_InputMessage Message	272
3.7.4.2.1.2	IMultiPointSession_CloseSessionApplication_OutputMessage Message	273
3.7.4.2.1.3	IMultiPointSession_CloseSessionApplication_WmsFaultType_FaultMessage Message.....	273
3.7.4.2.2	Elements.....	273
3.7.4.2.2.1	CloseSessionApplication.....	273
3.7.4.2.2.2	CloseSessionApplicationResponse	274
3.7.4.2.3	Complex Types	274
3.7.4.3	ConfigureWebLimiting Operation.....	274
3.7.4.3.1	Messages	274
3.7.4.3.1.1	IMultiPointSession_ConfigureWebLimiting_InputMessage Message ..	274
3.7.4.3.1.2	IMultiPointSession_ConfigureWebLimiting_OutputMessage Message	275
3.7.4.3.1.3	IMultiPointSession_ConfigureWebLimiting_WmsFaultType_FaultMessage Message	275
3.7.4.3.2	Elements.....	275
3.7.4.3.2.1	ConfigureWebLimiting	275
3.7.4.3.2.2	ConfigureWebLimitingResponse	275
3.7.4.3.3	Complex Types	275
3.7.4.4	ConfigureWebLimitingAll Operation	276
3.7.4.4.1	Messages	276
3.7.4.4.1.1	IMultiPointSession_ConfigureWebLimitingAll_InputMessage Message	276
3.7.4.4.1.2	IMultiPointSession_ConfigureWebLimitingAll_OutputMessage Message	276

3.7.4.4.1.3	IMultiPointSession_ConfigureWebLimitingAll_WmsFaultType_FaultMessage Message	277
3.7.4.4.2	Elements	277
3.7.4.4.2.1	ConfigureWebLimitingAll	277
3.7.4.4.2.2	ConfigureWebLimitingAllResponse	277
3.7.4.4.3	Complex Types	277
3.7.4.4.3.1	ConfigureWebLimitingAllRequestBody	277
3.7.4.4.3.2	ConfigureWebLimitingAllResponseBody	278
3.7.4.5	EnableProjectToAll Operation	278
3.7.4.5.1	Messages	278
3.7.4.5.1.1	IMultiPointSession_EnableProjectToAll_InputMessage Message	278
3.7.4.5.1.2	IMultiPointSession_EnableProjectToAll_OutputMessage Message	279
3.7.4.5.1.3	IMultiPointSession_EnableProjectToAll_WmsFaultType_FaultMessage Message	279
3.7.4.5.2	Elements	279
3.7.4.5.2.1	EnableProjectToAll	279
3.7.4.5.2.2	EnableProjectToAllResponse	279
3.7.4.5.3	Complex Types	279
3.7.4.5.3.1	EnableProjectToAllRequestBody	280
3.7.4.5.3.2	EnableProjectToAllResponseBody	280
3.7.4.6	EnableWebLimitingAll Operation	280
3.7.4.6.1	Messages	280
3.7.4.6.1.1	IMultiPointSession_EnableWebLimitingAll_InputMessage Message	281
3.7.4.6.1.2	IMultiPointSession_EnableWebLimitingAll_OutputMessage Message	281
3.7.4.6.1.3	IMultiPointSession_EnableWebLimitingAll_WmsFaultType_FaultMessage Message	281
3.7.4.6.2	Elements	281
3.7.4.6.2.1	EnableWebLimitingAll	281
3.7.4.6.2.2	EnableWebLimitingAllResponse	282
3.7.4.6.3	Complex Types	282
3.7.4.7	GetScreenState Operation	282
3.7.4.7.1	Messages	282
3.7.4.7.1.1	IMultiPointSession_GetScreenState_InputMessage Message	282
3.7.4.7.1.2	IMultiPointSession_GetScreenState_OutputMessage Message	283
3.7.4.7.1.3	IMultiPointSession_GetScreenState_WmsFaultType_FaultMessage Message	283
3.7.4.7.2	Elements	283
3.7.4.7.2.1	GetScreenState	283
3.7.4.7.2.2	GetScreenStateResponse	283
3.7.4.7.3	Complex Types	284
3.7.4.8	GetSessionAgentStatus Operation	284
3.7.4.8.1	Messages	284
3.7.4.8.1.1	IMultiPointSession_GetSessionAgentStatus_InputMessage Message	285
3.7.4.8.1.2	IMultiPointSession_GetSessionAgentStatus_OutputMessage Message	285
3.7.4.8.1.3	IMultiPointSession_GetSessionAgentStatus_WmsFaultType_FaultMessage Message	285
3.7.4.8.2	Elements	285
3.7.4.8.2.1	GetSessionAgentStatus	285
3.7.4.8.2.2	GetSessionAgentStatusResponse	286
3.7.4.8.3	Complex Types	286
3.7.4.9	GetSessionRunningApps Operation	286
3.7.4.9.1	Messages	286
3.7.4.9.1.1	IMultiPointSession_GetSessionRunningApps_InputMessage Message	287
3.7.4.9.1.2	IMultiPointSession_GetSessionRunningApps_OutputMessage Message	287

3.7.4.9.1.3	IMultiPointSession_GetSessionRunningApps_WmsFaultType_FaultMessage Message	287
3.7.4.9.2	Elements	287
3.7.4.9.2.1	GetSessionRunningApps	288
3.7.4.9.2.2	GetSessionRunningAppsResponse	288
3.7.4.9.3	Complex Types	288
3.7.4.9.3.1	GetSessionRunningAppsRequestBody	288
3.7.4.9.3.2	GetSessionRunningAppsResponseBody	288
3.7.4.9.3.3	WMS_RUNNING_APP_WS	289
3.7.4.9.3.4	ArrayOfWMS_RUNNING_APP_WS	289
3.7.4.10	GetThumbnailBits Operation	289
3.7.4.10.1	Messages	289
3.7.4.10.1.1	IMultiPointSession_GetThumbnailBits_InputMessage Message	290
3.7.4.10.1.2	IMultiPointSession_GetThumbnailBits_OutputMessage Message	290
3.7.4.10.1.3	IMultiPointSession_GetThumbnailBits_WmsFaultType_FaultMessage Message	290
3.7.4.10.2	Elements	290
3.7.4.10.2.1	GetThumbnailBits	291
3.7.4.10.2.2	GetThumbnailBitsResponse	291
3.7.4.10.3	Complex Types	291
3.7.4.10.3.1	GetThumbnailBitsRequestBody	291
3.7.4.10.3.2	GetThumbnailBitsResponseBody	291
3.7.4.11	IdentifySession Operation	292
3.7.4.11.1	Messages	292
3.7.4.11.1.1	IMultiPointSession_IdentifySession_InputMessage Message	292
3.7.4.11.1.2	IMultiPointSession_IdentifySession_OutputMessage Message	292
3.7.4.11.1.3	IMultiPointSession_IdentifySession_WmsFaultType_FaultMessage Message	293
3.7.4.11.2	Elements	293
3.7.4.11.2.1	IdentifySession	293
3.7.4.11.2.2	IdentifySessionResponse	293
3.7.4.11.3	Complex Types	293
3.7.4.11.3.1	IdentifySessionRequestBody	294
3.7.4.11.3.2	IdentifySessionResponseBody	294
3.7.4.12	GetSessionFlags	294
3.7.4.12.1	Messages	294
3.7.4.12.1.1	IMultiPointSession_GetSessionFlags_InputMessage Message	295
3.7.4.12.1.2	IMultiPointSession_GetSessionFlags_OutputMessage Message	295
3.7.4.12.1.3	IMultiPointSession_GetSessionFlags_WmsFaultType_FaultMessage Message	295
3.7.4.12.2	Elements	295
3.7.4.12.2.1	GetSessionFlags	295
3.7.4.12.2.2	GetSessionFlagsResponse	296
3.7.4.12.3	Complex Types	296
3.7.4.13	LockSession Operation	296
3.7.4.13.1	Messages	296
3.7.4.13.1.1	IMultiPointSession_LockSession_InputMessage Message	297
3.7.4.13.1.2	IMultiPointSession_LockSession_OutputMessage Message	297
3.7.4.13.1.3	IMultiPointSession_LockSession_WmsFaultType_FaultMessage Message	297
3.7.4.13.2	Elements	297
3.7.4.13.2.1	LockSession	298
3.7.4.13.2.2	LockSessionResponse	298
3.7.4.13.3	Complex Types	298
3.7.4.13.3.1	LockSessionRequestBody	298
3.7.4.13.3.2	LockSessionResponseBody	298
3.7.4.14	LogOffSession Operation	298

3.7.4.14.1	Messages	299
3.7.4.14.1.1	IMultiPointSession_LogOffSession_InputMessage Message	299
3.7.4.14.1.2	IMultiPointSession_LogOffSession_OutputMessage Message	299
3.7.4.14.1.3	IMultiPointSession_LogOffSession_WmsFaultType_FaultMessage Message	299
3.7.4.14.2	Elements	299
3.7.4.14.2.1	LogOffSession	300
3.7.4.14.2.2	LogOffSessionResponse	300
3.7.4.14.3	Complex Types	300
3.7.4.15	RunFileSession Operation	300
3.7.4.15.1	Messages	300
3.7.4.15.1.1	IMultiPointSession_RunFileSession_InputMessage Message	301
3.7.4.15.1.2	IMultiPointSession_RunFileSession_OutputMessage Message	301
3.7.4.15.1.3	IMultiPointSession_RunFileSession_WmsFaultType_FaultMessage Message	301
3.7.4.15.2	Elements	301
3.7.4.15.2.1	RunFileSession	302
3.7.4.15.2.2	RunFileSessionResponse	302
3.7.4.15.3	Complex Types	302
3.7.4.15.3.1	RunFileSessionRequestBody	302
3.7.4.15.3.2	RunFileSessionResponseBody	302
3.7.4.16	ShareDesktop Operation	302
3.7.4.16.1	Messages	303
3.7.4.16.1.1	IMultiPointSession_ShareDesktop_InputMessage Message	303
3.7.4.16.1.2	IMultiPointSession_ShareDesktop_OutputMessage Message	303
3.7.4.16.1.3	IMultiPointSession_ShareDesktop_WmsFaultType_FaultMessage Message	303
3.7.4.16.2	Elements	304
3.7.4.16.2.1	ShareDesktop	304
3.7.4.16.2.2	ShareDesktopResponse	304
3.7.4.16.3	Complex Types	304
3.7.4.16.3.1	ShareDesktopRequestBody	304
3.7.4.16.3.2	ShareDesktopResponseBody	304
3.7.4.17	StopIdentifyingSession Operation	305
3.7.4.17.1	Messages	305
3.7.4.17.1.1	IMultiPointSession_StopIdentifyingSession_InputMessage Message	305
3.7.4.17.1.2	IMultiPointSession_StopIdentifyingSession_OutputMessage Message	305
3.7.4.17.1.3	IMultiPointSession_StopIdentifyingSession_WmsFaultType_FaultMessage Message	306
3.7.4.17.2	Elements	306
3.7.4.17.2.1	StopIdentifyingSession	306
3.7.4.17.2.2	StopIdentifyingSessionResponse	306
3.7.4.17.3	Complex Types	306
3.7.4.18	StopLockingSession Operation	307
3.7.4.18.1	Messages	307
3.7.4.18.1.1	IMultiPointSession_StopLockingSession_InputMessage Message	307
3.7.4.18.1.2	IMultiPointSession_StopLockingSession_OutputMessage Message	307
3.7.4.18.1.3	IMultiPointSession_StopLockingSession_WmsFaultType_FaultMessage Message	308
3.7.4.18.2	Elements	308
3.7.4.18.2.1	StopLockingSession	308
3.7.4.18.2.2	StopLockingSessionResponse	308
3.7.4.18.3	Complex Types	308
3.7.4.19	StopShareDesktop Operation	308
3.7.4.19.1	Messages	309
3.7.4.19.1.1	IMultiPointSession_StopShareDesktop_InputMessage Message	309
3.7.4.19.1.2	IMultiPointSession_StopShareDesktop_OutputMessage Message	309

3.7.4.19.1.3	IMultiPointSession_StopShareDesktop_WmsFaultType_FaultMessage Message	309
3.7.4.19.2	Elements	310
3.7.4.19.2.1	StopShareDesktop	310
3.7.4.19.2.2	StopShareDesktopResponse	310
3.7.4.19.3	Complex Types	310
3.7.4.20	ViewDesktop Operation	310
3.7.4.20.1	Messages	310
3.7.4.20.1.1	IMultiPointSession_ViewDesktop_InputMessage Message	311
3.7.4.20.1.2	IMultiPointSession_ViewDesktop_OutputMessage Message	311
3.7.4.20.1.3	IMultiPointSession_ViewDesktop_WmsFaultType_FaultMessage Message	311
3.7.4.20.2	Elements	311
3.7.4.20.2.1	ViewDesktop	312
3.7.4.20.2.2	ViewDesktopResponse	312
3.7.4.20.3	Complex Types	312
3.7.4.20.3.1	ViewDesktopRequestBody	312
3.7.4.20.3.2	ViewDesktopResponseBody	312
3.7.4.21	DisconnectSession Operation	312
3.7.4.21.1	Messages	313
3.7.4.21.1.1	IMultiPointSession_DisconnectSession_InputMessage Message	313
3.7.4.21.1.2	IMultiPointSession_DisconnectSession_OutputMessage Message	313
3.7.4.21.1.3	IMultiPointSession_DisconnectSession_WmsFaultType_FaultMessage Message	313
3.7.4.21.2	Elements	314
3.7.4.21.2.1	DisconnectSession	314
3.7.4.21.2.2	DisconnectSessionResponse	314
3.7.4.21.3	Complex Types	314
3.7.4.22	LogOffConsoleSession Operation	314
3.7.4.22.1	Messages	315
3.7.4.22.1.1	IMultiPointSession_LogOffConsoleSession_InputMessage Message ..	315
3.7.4.22.1.2	IMultiPointSession_LogOffConsoleSession_OutputMessage Message	315
3.7.4.22.1.3	IMultiPointSession_LogOffConsoleSession_WmsFaultType_FaultMessage Message	315
3.7.4.22.2	Elements	315
3.7.4.22.2.1	LogOffConsoleSession	316
3.7.4.22.2.2	LogOffConsoleSessionResponse	316
3.7.4.22.3	Complex Types	316
3.7.5	Timer Events	316
3.7.6	Other Local Events	316
3.8	IMultiPointStation Server Details	316
3.8.1	Abstract Data Model	316
3.8.2	Timers	316
3.8.3	Initialization	317
3.8.4	Message Processing Events and Sequencing Rules	317
3.8.4.1	BlockUsbStorageDevicesAllStations	318
3.8.4.1.1	Messages	318
3.8.4.1.1.1	IMultiPointStation_BlockUsbStorageDevicesAllStations_InputMessage Message	318
3.8.4.1.1.2	IMultiPointStation_BlockUsbStorageDevicesAllStations_OutputMessage Message	318
3.8.4.1.1.3	IMultiPointStation_BlockUsbStorageDevicesAllStations_WmsFaultType_ FaultMessage Message	319
3.8.4.1.2	Elements	319
3.8.4.1.2.1	BlockUsbStorageDevicesAllStations	319
3.8.4.1.2.2	BlockUsbStorageDevicesAllStationsResponse	319
3.8.4.1.3	Complex Types	319

3.8.4.2	BlockUsbStorageDevices	320
3.8.4.2.1	Messages	320
3.8.4.2.1.1	IMultiPointStation_BlockUsbStorageDevices_InputMessage Message	320
3.8.4.2.1.2	IMultiPointStation_BlockUsbStorageDevices_OutputMessage Message	320
3.8.4.2.1.3	IMultiPointStation_BlockUsbStorageDevices_WmsFaultType_FaultMessage Message	321
3.8.4.2.2	Elements	321
3.8.4.2.2.1	BlockUsbStorageDevices	321
3.8.4.2.2.2	BlockUsbStorageDevicesResponse	321
3.8.4.2.3	Complex Types	321
3.8.4.3	GetDisplayRotation Operation	321
3.8.4.3.1	Messages	322
3.8.4.3.1.1	IMultiPointStation_GetDisplayRotation_InputMessage Message	322
3.8.4.3.1.2	IMultiPointStation_GetDisplayRotation_OutputMessage Message	322
3.8.4.3.1.3	IMultiPointStation_GetDisplayRotation_WmsFaultType_FaultMessage Message	322
3.8.4.3.2	Elements	323
3.8.4.3.2.1	GetDisplayRotation	323
3.8.4.3.2.2	GetDisplayRotationResponse	323
3.8.4.3.3	Complex Types	323
3.8.4.4	GetNextStationIdentifier Operation	323
3.8.4.4.1	Messages	324
3.8.4.4.1.1	IMultiPointStation_GetNextStationIdentifier_InputMessage Message	324
3.8.4.4.1.2	IMultiPointStation_GetNextStationIdentifier_OutputMessage Message	324
3.8.4.4.1.3	IMultiPointStation_GetNextStationIdentifier_WmsFaultType_FaultMessage Message	324
3.8.4.4.2	Elements	325
3.8.4.4.2.1	GetNextStationIdentifier	325
3.8.4.4.2.2	GetNextStationIdentifierResponse	325
3.8.4.4.3	Complex Types	325
3.8.4.5	GetStationAlertStatus Operation	325
3.8.4.5.1	Messages	326
3.8.4.5.1.1	IMultiPointStation_GetStationAlertStatus_InputMessage Message	326
3.8.4.5.1.2	IMultiPointStation_GetStationAlertStatus_OutputMessage Message	326
3.8.4.5.1.3	IMultiPointStation_GetStationAlertStatus_WmsFaultType_FaultMessage Message	326
3.8.4.5.2	Elements	327
3.8.4.5.2.1	GetStationAlertStatus	327
3.8.4.5.2.2	GetStationAlertStatusResponse	327
3.8.4.5.3	Complex Types	328
3.8.4.6	GetStationAutoLogonInformation Operation	328
3.8.4.6.1	Messages	328
3.8.4.6.1.1	IMultiPointStation_GetStationAutoLogonInformation_InputMessage Message	329
3.8.4.6.1.2	IMultiPointStation_GetStationAutoLogonInformation_OutputMessage Message	329
3.8.4.6.1.3	IMultiPointStation_GetStationAutoLogonInformation_WmsFaultType_FaultMessage Message	329
3.8.4.6.2	Elements	329
3.8.4.6.2.1	GetStationAutoLogonInformation	330
3.8.4.6.2.2	GetStationAutoLogonInformationResponse	330
3.8.4.6.3	Complex Types	330
3.8.4.6.3.1	GetStationAutoLogonInformationRequestBody	330

3.8.4.6.3.2	GetStationAutoLogonInformationResponseBody	330
3.8.4.7	GetStationDeviceInformation Operation	331
3.8.4.7.1	Messages	331
3.8.4.7.1.1	IMultiPointStation_GetStationDeviceInformation_InputMessage Message	331
3.8.4.7.1.2	IMultiPointStation_GetStationDeviceInformation_OutputMessage Message	331
3.8.4.7.1.3	IMultiPointStation_GetStationDeviceInformation_WmsFaultType_FaultMessage Message	332
3.8.4.7.2	Elements	332
3.8.4.7.2.1	GetStationDeviceInformation	332
3.8.4.7.2.2	GetStationDeviceInformationResponse	333
3.8.4.7.3	Complex Types	333
3.8.4.8	GetStationFriendlyName Operation	333
3.8.4.8.1	Messages	334
3.8.4.8.1.1	IMultiPointStation_GetStationFriendlyName_InputMessage Message	334
3.8.4.8.1.2	IMultiPointStation_GetStationFriendlyName_OutputMessage Message	334
3.8.4.8.1.3	IMultiPointStation_GetStationFriendlyName_WmsFaultType_FaultMessage Message	334
3.8.4.8.2	Elements	335
3.8.4.8.2.1	GetStationFriendlyName	335
3.8.4.8.2.2	GetStationFriendlyNameResponse	335
3.8.4.8.3	Complex Types	335
3.8.4.8.3.1	GetStationFriendlyNameRequestBody	335
3.8.4.8.3.2	GetStationFriendlyNameResponseBody	335
3.8.4.9	GetStationInformation Operation	336
3.8.4.9.1	Messages	336
3.8.4.9.1.1	IMultiPointStation_GetStationInformation_InputMessage Message	336
3.8.4.9.1.2	IMultiPointStation_GetStationInformation_OutputMessage Message	337
3.8.4.9.1.3	IMultiPointStation_GetStationInformation_WmsFaultType_FaultMessage Message	337
3.8.4.9.2	Elements	337
3.8.4.9.2.1	GetStationInformation	337
3.8.4.9.2.2	GetStationInformationResponse	337
3.8.4.9.3	Complex Types	337
3.8.4.9.3.1	GetStationInformationRequestBody	338
3.8.4.9.3.2	GetStationInformationResponseBody	338
3.8.4.10	GetStationServerName Operation	338
3.8.4.10.1	Messages	339
3.8.4.10.1.1	IMultiPointStation_GetStationServerName_InputMessage Message	339
3.8.4.10.1.2	IMultiPointStation_GetStationServerName_OutputMessage Message	339
3.8.4.10.1.3	IMultiPointStation_GetStationServerName_WmsFaultType_FaultMessage Message	339
3.8.4.10.2	Elements	340
3.8.4.10.2.1	GetStationServerName	340
3.8.4.10.2.2	GetStationServerNameResponse	340
3.8.4.10.3	Complex Types	340
3.8.4.10.3.1	GetStationServerNameRequestBody	340
3.8.4.10.3.2	GetStationServerNameResponseBody	340
3.8.4.11	GetStationSplitScreenInformation Operation	341
3.8.4.11.1	Messages	341
3.8.4.11.1.1	IMultiPointStation_GetStationSplitScreenInformation_InputMessage Message	341

3.8.4.11.1.2	IMultiPointStation_GetStationSplitScreenInformation_OutputMessage Message	342
3.8.4.11.1.3	IMultiPointStation_GetStationSplitScreenInformation_WmsFaultType_FaultMessage Message	342
3.8.4.11.2	Elements	342
3.8.4.11.2.1	GetStationSplitScreenInformation	342
3.8.4.11.2.2	GetStationSplitScreenInformationResponse	342
3.8.4.11.3	Complex Types	343
3.8.4.12	IdentifyStation Operation	343
3.8.4.12.1	Messages	343
3.8.4.12.1.1	IMultiPointStation_IdentifyStation_InputMessage Message	344
3.8.4.12.1.2	IMultiPointStation_IdentifyStation_OutputMessage Message	344
3.8.4.12.1.3	IMultiPointStation_IdentifyStation_WmsFaultType_FaultMessage Message	344
3.8.4.12.2	Elements	344
3.8.4.12.2.1	IdentifyStation	344
3.8.4.12.2.2	IdentifyStationResponse	344
3.8.4.12.3	Complex Types	344
3.8.4.12.3.1	IdentifyStationRequestBody	345
3.8.4.12.3.2	IdentifyStationResponseBody	345
3.8.4.13	IsUsbStorageDeviceBlocked Operation	345
3.8.4.13.1	Messages	346
3.8.4.13.1.1	IMultiPointStation_IsUsbStorageDeviceBlocked_InputMessage Message	346
3.8.4.13.1.2	IMultiPointStation_IsUsbStorageDeviceBlocked_OutputMessage Message	346
3.8.4.13.1.3	IMultiPointStation_IsUsbStorageDeviceBlocked_WmsFaultType_FaultMessage Message	346
3.8.4.13.2	Elements	346
3.8.4.13.2.1	IsUsbStorageDeviceBlocked	347
3.8.4.13.2.2	IsUsbStorageDeviceBlockedResponse	347
3.8.4.13.3	Complex Types	347
3.8.4.14	RefreshStation Operation	347
3.8.4.14.1	Messages	348
3.8.4.14.1.1	IMultiPointStation_RefreshStation_InputMessage Message	348
3.8.4.14.1.2	IMultiPointStation_RefreshStation_OutputMessage Message	348
3.8.4.14.1.3	IMultiPointStation_RefreshStation_WmsFaultType_FaultMessage Message	348
3.8.4.14.2	Elements	348
3.8.4.14.2.1	RefreshStation	349
3.8.4.14.2.2	RefreshStationResponse	349
3.8.4.14.3	Complex Types	349
3.8.4.15	RemapStations Operation	349
3.8.4.15.1	Messages	349
3.8.4.15.1.1	IMultiPointStation_RemapStations_InputMessage Message	350
3.8.4.15.1.2	IMultiPointStation_RemapStations_OutputMessage Message	350
3.8.4.15.1.3	IMultiPointStation_RemapStations_WmsFaultType_FaultMessage Message	350
3.8.4.15.2	Elements	350
3.8.4.15.2.1	RemapStations	351
3.8.4.15.2.2	RemapStationsResponse	351
3.8.4.15.3	Complex Types	351
3.8.4.16	SetDisplayRotation Operation	351
3.8.4.16.1	Messages	351
3.8.4.16.1.1	IMultiPointStation_SetDisplayRotation_InputMessage Message	351
3.8.4.16.1.2	IMultiPointStation_SetDisplayRotation_OutputMessage Message	352

3.8.4.16.1.3	IMultiPointStation_SetDisplayRotation_WmsFaultType_FaultMessage Message	352
3.8.4.16.2	Elements	352
3.8.4.16.2.1	SetDisplayRotation	352
3.8.4.16.2.2	SetDisplayRotationResponse	353
3.8.4.16.3	Complex Types	353
3.8.4.17	SetStationAutoLogon Operation	353
3.8.4.17.1	Messages	353
3.8.4.17.1.1	IMultiPointStation_SetStationAutoLogon_InputMessage Message	353
3.8.4.17.1.2	IMultiPointStation_SetStationAutoLogon_OutputMessage Message	354
3.8.4.17.1.3	IMultiPointStation_SetStationAutoLogon_WmsFaultType_FaultMessage Message	354
3.8.4.17.2	Elements	354
3.8.4.17.2.1	SetStationAutoLogon	354
3.8.4.17.2.2	SetStationAutoLogonResponse	355
3.8.4.17.3	Complex Types	355
3.8.4.18	SetStationFriendlyName Operation	355
3.8.4.18.1	Messages	355
3.8.4.18.1.1	IMultiPointStation_SetStationFriendlyName_InputMessage Message	355
3.8.4.18.1.2	IMultiPointStation_SetStationFriendlyName_OutputMessage Message	356
3.8.4.18.1.3	IMultiPointStation_SetStationFriendlyName_WmsFaultType_FaultMessa ge Message	356
3.8.4.18.2	Elements	356
3.8.4.18.2.1	SetStationFriendlyName	356
3.8.4.18.2.2	SetStationFriendlyNameResponse	356
3.8.4.18.3	Complex Types	357
3.8.4.18.3.1	SetStationFriendlyNameRequestBody	357
3.8.4.18.3.2	SetStationFriendlyNameResponseBody	357
3.8.4.19	SetStationServerName Operation	357
3.8.4.19.1	Messages	357
3.8.4.19.1.1	IMultiPointStation_SetStationServerName_InputMessage Message	358
3.8.4.19.1.2	IMultiPointStation_SetStationServerName_OutputMessage Message	358
3.8.4.19.1.3	IMultiPointStation_SetStationServerName_WmsFaultType_FaultMessage Message	358
3.8.4.19.2	Elements	358
3.8.4.19.2.1	SetStationServerName	359
3.8.4.19.2.2	SetStationServerNameResponse	359
3.8.4.19.3	Complex Types	359
3.8.4.19.3.1	SetStationServerNameRequestBody	359
3.8.4.19.3.2	SetStationServerNameResponseBody	359
3.8.4.20	SplitStation Operation	359
3.8.4.20.1	Messages	360
3.8.4.20.1.1	IMultiPointStation_SplitStation_InputMessage Message	360
3.8.4.20.1.2	IMultiPointStation_SplitStation_OutputMessage Message	360
3.8.4.20.1.3	IMultiPointStation_SplitStation_WmsFaultType_FaultMessage Message	360
3.8.4.20.2	Elements	361
3.8.4.20.2.1	SplitStation	361
3.8.4.20.2.2	SplitStationResponse	361
3.8.4.20.3	Complex Types	361
3.8.4.21	StopIdentifyingStation Operation	361
3.8.4.21.1	Messages	362
3.8.4.21.1.1	IMultiPointStation_StopIdentifyingStation_InputMessage Message	362
3.8.4.21.1.2	IMultiPointStation_StopIdentifyingStation_OutputMessage Message	362
3.8.4.21.1.3	IMultiPointStation_StopIdentifyingStation_WmsFaultType_FaultMessage Message	362

3.8.4.21.2	Elements	363
3.8.4.21.2.1	StopIdentifyingStation	363
3.8.4.21.2.2	StopIdentifyingStationResponse	363
3.8.4.21.3	Complex Types	363
3.8.4.22	UnblockUsbStorageDevicesAllStations	363
3.8.4.22.1	Messages	364
3.8.4.22.1.1	IMultiPointStation_UnblockUsbStorageDevicesAllStations_InputMessage Message	364
3.8.4.22.1.2	IMultiPointStation_UnblockUsbStorageDevicesAllStations_OutputMessage Message	364
3.8.4.22.1.3	IMultiPointStation_UnblockUsbStorageDevicesAllStations_WmsFaultType _FaultMessage Message	364
3.8.4.22.2	Elements	365
3.8.4.22.2.1	UnblockUsbStorageDevicesAllStations	365
3.8.4.22.2.2	UnblockUsbStorageDevicesAllStationsResponse	365
3.8.4.22.3	Complex Types	365
3.8.4.23	UnblockUsbStorageDevices	365
3.8.4.23.1	Messages	365
3.8.4.23.1.1	IMultiPointStation_UnblockUsbStorageDevices_InputMessage Message	366
3.8.4.23.1.2	IMultiPointStation_UnblockUsbStorageDevices_OutputMessage Message	366
3.8.4.23.1.3	IMultiPointStation_UnblockUsbStorageDevices_WmsFaultType_FaultMes sage Message	366
3.8.4.23.2	Elements	366
3.8.4.23.2.1	UnblockUsbStorageDevices	367
3.8.4.23.2.2	UnblockUsbStorageDevicesResponse	367
3.8.4.23.3	Complex Types	367
3.8.5	Timer Events	367
3.8.6	Other Local Events	367
3.9	IMultiPointSystemOnlineEventSink Server Details	367
3.9.1	Abstract Data Model	367
3.9.2	Timers	368
3.9.3	Initialization	368
3.9.4	Message Processing Events and Sequencing Rules	368
3.9.4.1	OnManagedServerOfflineNotify Operation	368
3.9.4.1.1	Messages	368
3.9.4.1.1.1	IMultiPointSystemOnlineEventSink_OnManagedServerOfflineNotify_Inpu tMessage Message	369
3.9.4.1.1.2	IMultiPointSystemOnlineEventSink_OnManagedServerOfflineNotify_Out putMessage Message	369
3.9.4.1.1.3	IMultiPointSystemOnlineEventSink_OnManagedServerOfflineNotify_Wm sFaultType_FaultMessage Message	369
3.9.4.1.2	Elements	369
3.9.4.1.2.1	OnManagedServerOfflineNotify	370
3.9.4.1.2.2	OnManagedServerOfflineNotifyResponse	370
3.9.4.1.3	Complex Types	370
3.9.4.1.3.1	OnManagedServerOfflineNotifyRequestBody	370
3.9.4.1.3.2	OnManagedServerOfflineNotifyResponseBody	370
3.9.4.2	OnManagedServerOnlineNotify Operation	370
3.9.4.2.1	Messages	371

3.9.4.2.1.1	IMultiPointSystemOnlineEventSink_OnManagedServerOnlineNotify_InputMessage Message	371
3.9.4.2.1.2	IMultiPointSystemOnlineEventSink_OnManagedServerOnlineNotify_OutputMessage Message	371
3.9.4.2.1.3	IMultiPointSystemOnlineEventSink_OnManagedServerOnlineNotify_WmsFaultType_FaultMessage Message	372
3.9.4.2.2	Elements	372
3.9.4.2.2.1	OnManagedServerOnlineNotify	372
3.9.4.2.2.2	OnManagedServerOnlineNotifyResponse	372
3.9.4.2.3	Complex Types	372
3.9.4.2.3.1	OnManagedServerOnlineNotifyRequestBody	373
3.9.4.2.3.2	OnManagedServerOnlineNotifyResponseBody	373
3.9.4.3	OnNewServerCertificateReady Operation.....	373
3.9.4.3.1	Messages	373
3.9.4.3.1.1	IMultiPointSystemOnlineEventSink_OnNewServerCertificateReady_InputMessage Message	374
3.9.4.3.1.2	IMultiPointSystemOnlineEventSink_OnNewServerCertificateReady_OutputMessage Message	374
3.9.4.3.1.3	IMultiPointSystemOnlineEventSink_OnNewServerCertificateReady_WmsFaultType_FaultMessage Message	374
3.9.4.3.2	Elements	374
3.9.4.3.2.1	OnNewServerCertificateReady	374
3.9.4.3.2.2	OnNewServerCertificateReadyResponse	375
3.9.4.3.3	Complex Types	375
3.9.5	Timer Events.....	375
3.9.6	Other Local Events.....	375
3.10	IMultiPointUserManager Server Details	375
3.10.1	Abstract Data Model.....	375
3.10.2	Timers	375
3.10.3	Initialization.....	376
3.10.4	Message Processing Events and Sequencing Rules	376
3.10.4.1	AddUser Operation.....	376
3.10.4.1.1	Messages	376
3.10.4.1.1.1	IMultiPointUserManager_AddUser_InputMessage	376
3.10.4.1.1.2	IMultiPointUserManager_AddUser_OutputMessage	377
3.10.4.1.1.3	IMultiPointUserManager_AddUser_WmsFaultType_FaultMessage.....	377
3.10.4.1.2	Elements.....	377
3.10.4.1.2.1	AddUser.....	377
3.10.4.1.2.2	AddUserResponse	377
3.10.4.1.3	Complex Types	377
3.10.4.1.3.1	AddUserRequestBody	378
3.10.4.1.3.2	AddUserResponseBody	378
3.10.4.2	EnumerateUsers Operation.....	378
3.10.4.2.1	Messages	379
3.10.4.2.1.1	IMultiPointUserManager_EnumerateUsers_InputMessage	379
3.10.4.2.1.2	IMultiPointUserManager_EnumerateUsers_OutputMessage	379
3.10.4.2.1.3	IMultiPointUserManager_EnumerateUsers_WmsFaultType_FaultMessage	380
3.10.4.2.2	Elements.....	380
3.10.4.2.2.1	EnumerateUsers	380
3.10.4.2.2.2	EnumerateUsersResponse	380
3.10.4.2.3	Complex Types	380

3.10.4.2.3.1	EnumerateUsersRequestBody	380
3.10.4.2.3.2	EnumerateUsersResponseBody	380
3.10.4.2.3.3	WMS_USER_WS	381
3.10.4.2.3.4	ArrayOfWMS_USER_WS.....	381
3.10.4.3	RemoveUser Operation	382
3.10.4.3.1	Messages	382
3.10.4.3.1.1	IMultiPointUserManager_RemoveUser_InputMessage	382
3.10.4.3.1.2	IMultiPointUserManager_RemoveUser_OutputMessage	382
3.10.4.3.1.3	IMultiPointUserManager_RemoveUser_WmsFaultType_FaultMessage.....	383
3.10.4.3.2	Elements.....	383
3.10.4.3.2.1	RemoveUser.....	383
3.10.4.3.2.2	RemoveUserResponse	383
3.10.4.3.3	Complex Types	383
3.10.4.3.3.1	RemoveUserRequestBody	383
3.10.4.3.3.2	RemoveUserResponseBody	384
3.10.4.4	SetUserInfo Operation	384
3.10.4.4.1	Messages	384
3.10.4.4.1.1	IMultiPointUserManager_SetUserInfo_InputMessage	384
3.10.4.4.1.2	IMultiPointUserManager_SetUserInfo_OutputMessage	384
3.10.4.4.1.3	IMultiPointUserManager_SetUserInfo_WmsFaultType_FaultMessage.....	385
3.10.4.4.2	Elements.....	385
3.10.4.4.2.1	SetUserInfo.....	385
3.10.4.4.2.2	SetUserInfoResponse	385
3.10.4.4.3	Complex Types	385
3.10.4.4.3.1	SetUserInfoRequestBody	385
3.10.4.4.3.2	SetUserInfoResponseBody	386
3.10.5	Timer Events.....	386
3.10.6	Other Local Events.....	386
4	Protocol Examples.....	387
4.1	Binding Client and Server Example	387
4.2	Generic API Call Example	389
5	Security.....	391
5.1	Security Considerations for Implementers	391
5.2	Index of Security Parameters	391
6	Appendix A: Full WSDL	392
7	Appendix B: Product Behavior	490
8	Change Tracking.....	492
9	Index.....	493

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. We will assist you in finding the relevant information.

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[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	http://schemas.xmlsoap.org/wsdl/soap12/	[SOAP1.2-1/2003], [SOAP1.2-2/2003]
tns	http://MultiPoint	This specification
wsaw	http://www.w3.org/2006/05/addressing/wsdl	[WSAWSDL]
wsdl	http://schemas.xmlsoap.org/wsdl/	[WSDL]
xsd	http://www.w3.org/2001/XMLSchema	[XMLSCHEMA]

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 Connect 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 Disconnect 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

Element	Description
<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 Ping 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:operation>
```

```

    <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.
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.

Operation	Description
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/OnAssociateSessionWithStation" name="IMultiPointCoreEventSink_OnAssociateSessionWithStation_OutputMessage" message="tns:IMultiPointCoreEventSink_OnAssociateSessionWithStation_OutputMessage"/>
</wsdl:operation>
```

```

thStationResponse"
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/OnAssociateSessionWithStationResp
onse
<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/OnBeginIdentifySessionResponse"
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/OnBeginIdentifyStationResponse" 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="OnBeginIdentifyStationResponse"
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
```



```

changeResponse" 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/OnDesktopMonitoringChange" name="IMultiPointCoreEventSink_OnDesktopMonitoringChange_InputMessage"
message="tns:IMultiPointCoreEventSink_OnDesktopMonitoringChange_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnDesktopMonitoringChangeResponse" 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.

Message	Description
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
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

Value	Meaning
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

cDevices: Number of devices.

3.3.4.8.2.2 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.

Message	Description
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 Message

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 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/OnManagedServerOffline"  
    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
<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/OnPeerServerDiscovered"
name="IMultiPointCoreEventSink_OnPeerServerDiscovered_InputMessage"
message="tns:IMultiPointCoreEventSink_OnPeerServerDiscovered_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnPeerServerDiscoveredResponse"
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.
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
<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>
```

```
</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" name="IMultiPointCoreEventSink_OnScheduledUpdateSettingsChanged_OutputMessage" message="tns:IMultiPointCoreEventSink_OnScheduledUpdateSettingsChanged_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType" message="tns:IMultiPointCoreEventSink_OnScheduledUpdateSettingsChanged_WmsFaultType_FaultMessage"/>
</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>
```

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

3.3.4.19.1.2 IMultiPointCoreEventSink_OnScheduledUpdateSettingsChanged_Output Message Message

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

The SOAP action value is:

```
http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnScheduledUpdateSettingsChangedResponse
<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

3.3.4.19.2.2 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/OnServiceControlSessionChangeResponse
<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>
```

</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.

3.3.4.20.2.2 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
    esponse" 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
<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.
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/OnSessionDisconnected"
name="IMultiPointCoreEventSink_OnSessionDisconnected_InputMessage"
message="tns:IMultiPointCoreEventSink_OnSessionDisconnected_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnSessionDisconnected"
dResponse" 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.

Message	Description
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 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/OnStationAddedRespon  
se" 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 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 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

Value	Meaning
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

eStatus: Contains the following possible values:

Value	Meaning
0	alert cleared
1	alert set
2	no change

3.3.4.29.2 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.
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/OnUserUpdatedResponse"
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

Element	Description
<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.
IMultiPointCoreEventSink_OnUserDeleted_OutputMessage	Response message.

Message	Description
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 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 WmsControl password and WmsManagement password.
SetSslCertificate	Provide the server with the client's X.509 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 X.509 certificate to the server.
IMultiPointCredentialRequest_SetSslCertificate_OutputMessage	The response message.
IMultiPointCredentialRequest_SetSslCertificate_WmsFaultType_	This message contains the internal server

Message	Description
FaultMessage	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 WmsControl password and WmsManagement password.
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"/>
```

3.4.4.2.2.2 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 partition 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/GetFreeSpaceNeededResponse"
        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

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"
ettings" name="IMultiPointDiskProtection_GetScheduledUpdateSettings_InputMessage"
message="tns:IMultiPointDiskProtection_GetScheduledUpdateSettings_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/GetScheduledUpdateSettingsResponse"
ettingsResponse" 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/GetScheduledUpdateSettingsRe
sponse
<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:sequence>
</xsd:complexType>

```

```

    <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

Message	Description
	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.
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 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 X.509 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.

Operation	Description
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 SSL 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.
SetUseHardwareGpu	Enable/disable usage of the hardware graphics processing unit (GPU) 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="pprgWmsSessionInfoWs"
type="tns:ArrayOfWMS_SESSION_INFO_WS"/>
  </xsd:sequence>
</xsd:complexType>

```

pcSessionInfo: Contains the count of session info structures returned.

pprgWmsSessionInfoWs: 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	WTSActive	A user is logged on to the Windows Station (WinStation). For more information on Windows Station see [MSDN-WinStation].
1	WTSCONNECTED	The WinStation is connected to the client.
2	WTSCONNECTQUERY	The WinStation is in the process of connecting to the client.
3	WTSSHADOW	The WinStation is shadowing another WinStation.
4	WTSDISCONNECTED	The WinStation is active but the client is disconnected.
5	WTSIDLE	The WinStation is waiting for a client to connect.
6	WTSLISTEN	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.

fIsRail: 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

Message	Description
	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 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:sequence>
  </xsd:complexType>
</xsd:element>
```

```

        <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>
```

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 GPU 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 Message

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/RegisterChatEventSinkRespon
se" 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 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: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/UnregisterChatEventSinkResponse"
    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.
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>
```

```
</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/UnregisterCoreEventSinkResponse"
      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. 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>
```


</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 [MSDN-WUAAPI].
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-WUAPI].

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 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. For more information on Automatic Updates, see [MSDN-WUAAPI]. 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 [MSDN-WUAAPI].
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>
```

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 [MSDN-WER].
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>

```

3.6.4.22.2.2 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/GetReplacementSslCertificate
eResponse" 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>
```



```
</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/GetVirtualMachineHostnameRe
sponse" 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
<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>
```

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:sequence>
</xsd:complexType>
```

```

    <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="q1: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

Message	Description
	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 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/IsChatEnabledResp
    onse" 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/IsSingleSessionPerUserResponse"
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>
```

```
</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/IsSuppressPrivacyNotificationSet" 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-WUAAPI]. 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 [MSDN-WUAAPI].
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 [MSDN-WER].
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:sequence>
</xsd:complexType>
```

```

    <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.
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/SetBootToConsoleModeResponse"
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.

Message	Description
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
<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 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 certificate to its Trusted Root Certification Authorities store.
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 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>
```

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 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 GPU.
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
<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

Element	Description
<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_Invalid
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>
```


</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.

Message	Description
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 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.
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/CloseSessionApplicationResponse"
    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 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>

```

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>
```

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>
```

fiIsInLimiting: 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>
```

```
</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:sequence>
  </xsd:complexType>
</xsd:element>
```

```

        <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
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.

Message	Description
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"
xmime:expectedContentTypes="image/jpeg" xmlns:xmime="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 administrator session.
IMultiPointSession_GetSessionFlags_OutputMessage	Response message.
IMultiPointSession_GetSessionFlags_WmsFaultType_FaultMessage	This message contains the internal server

Message	Description
	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 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="ql: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.

3.7.4.14.2.2 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

Message	Description
	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 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

Element	Description
<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: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 universal serial bus (USB) 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>
```



```
</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: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

Message	Description
	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

Value	Meaning
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/GetStationInformationRespo
    nse" 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
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: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/IsUsbStorageDeviceBlockedR
    esponse" 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 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: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-logon 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/SetStationFriendlyNameResponse"
    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

Element	Description
<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.

3.8.4.20.2.2 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 X.509 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.
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_Output Message 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_Wms FaultType_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.
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>

```

pprgWmsUsersWs: 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>
```

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: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>
  </soap:Body>
</soap:Envelope>
```



```

    <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">]!!abc123</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
/ + & amp; ; { H | W e h D f ; w ~ B 3 ? X ? H $ 4 Y & lt ; = g # & amp; ; 5 < / o : P a s s w o r d >
    </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:sequence>
  </xsd:complexType>
</xsd:element>

```

```

        <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>

    <!-- 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>

<xsd:element minOccurs="0" maxOccurs="1" name="peStatus" 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:sequence>
  </xsd:complexType>
</xsd:element>

```

```

        <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">

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        <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:element name="GetManagedSystemsType">
        <xsd:complexType/>
      </xsd:element>
      <xsd:element name="GetManagedSystemsTypeResponse">
        <xsd:complexType/>

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```

        <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>

```



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    </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 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>

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    </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>

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    <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 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>

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```

<!-- 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: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>
    <!-- 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>

```

```

</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>

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```

        <xsd:element minOccurs="0" maxOccurs="1" name="ppbDataBits"
type="xsd:base64Binary" 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>

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```

<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">

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```

        <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>

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```

<!-- 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,

```



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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="isScheduledUpdateStartHour"
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" />

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        <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">

```

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    <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) -
->

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<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>

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```

<!-- 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">

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```

    <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: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>

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<!-- 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:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="eStatus" type="xsd:unsignedInt" />
        </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>

    <!-- 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: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" />

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</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">

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    <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" />

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</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>

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<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>

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<!-- 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>

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<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>

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<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" />

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</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" />

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</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>

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<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>

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<!-- 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" />

```

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</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" />

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</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" />

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</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" />

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        <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" />

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    <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/GetPeerWmsConnectorListResponse"
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/GetSystemAlertStatusResponse"
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" />

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        <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" />

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    <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/GetManagedSystemsTypeRespon
se" 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/GetVirtualMachineHostnameRe
sponse" 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" />

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    <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/IsAdminOrchestrationModeRes
ponse" 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" />

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    <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/SetBootToConsoleModeRespon
se" 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/SetAdminOrchestrationModeRe
sponse" 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/SetSuppressPrivacyNotificat
ion" message="tns:SetSuppressPrivacyNotificationSoapIn" />
    <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/SetSuppressPrivacyNotificat
ionResponse" 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/ValidateAutoLogonAccountRes
ponse" 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" />

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        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/EnableVirtualIpPerSessionRe
sponse" 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/SetDesktopMonitoringRespons
e" 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">

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        <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" />

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        <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/GetStationFriendlyNameResp
onse" 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/GetStationInformationRespo
nse" 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/GetStationServerNameRespon
se" 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/GetStationSplitScreenInfor
mation" message="tns:GetStationSplitScreenInformationSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationSplitScreenInfor
mationResponse" 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" />

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        <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" />

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        <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" />

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    <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/EnableProjectToAllResponse
" 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" />

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    <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" />

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        <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" />

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        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/LogOffConsoleSessionRespon
se" 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/GetFreeSpaceNeededR
esponse" 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/GetScheduledUpdateS
ettings" message="tns:GetScheduledUpdateSettingsSoapIn" />
                <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/GetScheduledUpdateS
ettingsResponse" 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>

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    <wsdl:operation name="SetScheduledUpdateSettings">
      <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/SetScheduledUpdateS
ettings" message="tns:SetScheduledUpdateSettingsSoapIn" />
      <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/SetScheduledUpdateS
ettingsResponse" 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:operation name="SendMsg">

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        <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
thStation" 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" />

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    </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" />

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    </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" />

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    </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/OnSessionAgentReadyR
esponse" 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/OnSessionBlockedResp
onse" 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/OnSessionConnectingR
esponse" 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/OnSessionDisconnecte
d" message="tns:OnSessionDisconnectedSoapIn" />
      <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnSessionDisconnecte
dResponse" 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/OnSessionUnblockedRe
sponse" 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/OnStationAddedRespon
se" 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/OnStationAlertRespon
se" message="tns:OnStationAlertSoapOut" />
      <wsdl:fault name="WmsFault" wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
message="tns:WmsFaultMessage" />

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    </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" />

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        </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: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" />

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        <wsdl:input>
          <soap12:body use="literal" />
        </wsdl:input>
      </wsdl:output>
      <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">

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    <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" />

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    </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>

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        <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>

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        <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" />

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        </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/IsSuppressPrivacyNotificatio
nSet" 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: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/GetStationDeviceInformation
" 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: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: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/BlockUsbStorageDevicesAllSt
ations" 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/UnblockUsbStorageDevicesAll
Stations" 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" />

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        </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">

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    <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: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" />

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    </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>

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        <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/OnAssociateSessionWithStation" 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/OnBeginIdentifySession" 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/OnBeginIdentifyStation" 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">

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    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnBootToConsoleModeChange" 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/OnDesktopMonitoringChange" 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" />

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    </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>

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        </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:input>

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        <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>

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        <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">

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    <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:service>

```



```

    <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-packsupdates to those products](#).

- Windows 10 operating system
- Windows Server 2016 operating system

Exceptions, if any, are noted [below in this section](#). If [a-an update version](#), service pack or [Quick-Fix Engineering \(QFE\) Knowledge Base \(KB\)](#) number appears with [thea](#) product [version,name, the](#) behavior changed in that [service-pack-or-QFE-update](#). The new behavior also applies to subsequent [service packs-of-the-productupdates](#) 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.

Section	Description	Revision class
3.6.4.13.1.2 IMultiPointServer_Shutdown_OutputMessage-Message	6895 : Updated message name from "IMultiPointServer_Shutdown_InputMessage" to "IMultiPointServer_Shutdown_OutputMessage".	major
3.7.4.10.1.2 IMultiPointSession_GetThumbnailBits_OutputMessage-Message7 Appendix B: Product Behavior	6895 : Updated message name from "IMultiPointSession_GetThumbnailBits_InputMessage" to "IMultiPointSession_GetThumbnailBits_OutputMessage". Added Windows Server to the list of applicable products.	majorMajor
3.7.4.12.2.1 GetSessionFlags	6895 : Updated section title from 'GetSessionFlagsSession' to 'GetSessionFlags'.	major
3.7.4.12.2.2 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 3.4.1 141, section 3.5.1 148, section 3.6.1 165, section 3.7.1 268, section 3.8.1 316, section 3.9.1 367, section 3.10.1 375)

Applicability 42

ArrayOfBytes complex type 44

ArrayOfStrings complex type 44

Attribute groups 45

Attributes 45

C

Capability negotiation 42

Change tracking 492

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 3.4.1 141, section 3.5.1 148, section 3.6.1 165, section 3.7.1 268, section 3.8.1 316, section 3.9.1 367, section 3.10.1 375)

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 64, section 3.3.6 141, section 3.4.6 147, section 3.5.6 165, section 3.6.6 268, section 3.7.6 316, section 3.8.6 367, section 3.9.6 375, section 3.10.6 386)

timer - server (section 3.1.5 51, section 3.2.5 64, section 3.3.5 141, section 3.4.5 147, section 3.5.5 165, section 3.6.5 268, section 3.7.5 316, section 3.8.5 367, section 3.9.5 375, section 3.10.5 386)

F

Fields - vendor-extensible 42

Full WSDL 392

G

Glossary 38

Groups 45

Guid simple type 45

I

Implementer - security considerations 391

Index of security parameters 391

Informative references 41

Initialization

server (section 3.1.3 46, section 3.2.3 52, section 3.3.3 65, section 3.4.3 142, section 3.5.3 148, section 3.6.3 166, section 3.7.3 268, section 3.8.3 317, section 3.9.3 368, section 3.10.3 376)

Introduction 38

L

Local events

server (section 3.1.6 51, section 3.2.6 64, section 3.3.6 141, section 3.4.6 147, section 3.5.6 165, section 3.6.6 268, section 3.7.6 316, section 3.8.6 367, section 3.9.6 375, section 3.10.6 386)

M

Message processing

server (section 3.1.4 46, section 3.2.4 52, section 3.3.4 65, section 3.4.4 142, section 3.5.4 148, section 3.6.4 166, section 3.7.4 269, section 3.8.4 317, section 3.9.4 368, section 3.10.4 376)

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 376
BlockUsbStorageDevices 320
BlockUsbStorageDevicesAllStations 318
CanModifyWau Operation 200
CloseSessionApplication Operation 272
ConfigureWebLimiting Operation 274
ConfigureWebLimitingAll Operation 276
Connect Operation 52
CurrentActivity Operation 270
Disconnect Operation 54
DisconnectSession Operation 312
Enable Chat Operation 204
EnableCeip Operation 202
EnableProjectToAll Operation 278
EnableVirtualIpPerSession Operation 262
EnableWau Operation 206
EnableWebLimitingAll Operation 280
EnableWer Operation 208
EnumerateUsers Operation 378
GetAllSessions Operation 167
GetChatId Operation 56
GetClientVersion Operation 171
GetDisplayRotation Operation 321
GetFreeSpaceNeeded Operation 148
GetLicenseCount Operation 210
GetManagedSystemsType Operation 211
GetMode Operation 150
GetNetJoinStatus Operation 213
GetNextStationIdentifier Operation 323
GetPeerWmsConnectorList Operation 175

GetPeerWmsServerList Operation 173
GetProtocolVersion Operation 47
GetReplacementSslCertificate Operation 216
GetScheduledUpdateSettings Operation 152
GetScreenState Operation 282
GetServerVersion Operation 177
GetSessionAgentStatus Operation 284
GetSessionFlags 294
GetSessionRunningApps Operation 286
GetStationAlertStatus Operation 325
GetStationAutoLogonInformation Operation 328
GetStationDeviceInformation Operation 331
GetStationFriendlyName Operation 333
GetStationInformation Operation 336
GetStationServerName Operation 338
GetStationSplitScreenInformation Operation 341
GetSystemAlertStatus Operation 180
GetSystemMode Operation 182
GetThumbnailBits Operation 289
GetUseHardwareGpu Operation 184
GetVirtualMachineHostname Operation 217
GetVirtualMachineIpAddress Operation 186
GetWmsWebLimiting Operation 220
IdentifySession Operation 292
IdentifyStation Operation 343
Install Operation 155
IsAdminOrchestrationMode Operation 222
IsBootToConsoleMode Operation 224
IsCeipEnabled Operation 226
IsChatEnabled Operation 228
IsDesktopMonitoringAllowed Operation 230
IsHypervisorPresent Operation 232
IsInstalled Operation 157
IsSingleSessionPerUser Operation 234
IsSuppressPrivacyNotificationSet Operation 235
IsUsbStorageDeviceBlocked Operation 345
IsVirtualIpPerSessionEnabled Operation 237
IsWauEnabled Operation 239
IsWerEnabled Operation 241
LoadWindowsEdition Operation 243
LockSession Operation 296
LogOffConsoleSession Operation 314
LogOffSession Operation 298
OnAssociateSessionWithStation Operation 66
OnBeginIdentifySession Operation 69
OnBeginIdentifyStation Operation 70
OnboardVirtualDesktop Operation 245
OnBootToConsoleModeChange Operation 72
OnConfigureStation Operation 74
OnDesktopMonitoringChange Operation 76
OnDeviceAdded Operation 78
OnDeviceRemoved Operation 81
OnEndIdentifySession Operation 83
OnEndIdentifyStation Operation 85
OnEnterSplitScreen Operation 87
OnExitSplitScreen Operation 89
OnGroupUpdated Operation 139
OnManagedServerOffline Operation 91
OnManagedServerOfflineNotify Operation 368
OnManagedServerOnline Operation 93
OnManagedServerOnlineNotify Operation 370
OnNewServerCertificateReady Operation 373
OnPeerServerAdded Operation 95
OnPeerServerDiscovered Operation 97
OnPeerServerRemoved Operation 99

OnProjectionStateChange Operation 101
OnScheduledUpdateSettingsChanged Operation 103
OnServiceControlSessionChange Operation 105
OnSessionAgentReady Operation 108
OnSessionBlocked Operation 109
OnSessionConnecting Operation 111
OnSessionDisconnected Operation 113
OnSessionUnblocked Operation 115
OnStationAdded Operation 117
OnStationAlert Operation 119
OnStationRemoved Operation 121
OnSystemAlert Operation 123
OnSystemModeChange Operation 125
OnUserCreated Operation 133
OnUserDeleted Operation 137
OnUserUpdated Operation 135
OnVirtualDesktopNotification Operation 129
OnVirtualDesktopOnline 127
Ping Operation 59
Reboot Operation 189
RefreshStation Operation 347
RegisterChatEventSink Operation 190
RegisterCoreEventSink Operation 193
RemapStations Operation 349
RemoveUser Operation 382
RequestSslCertificate Operation 49
RequestWmsControlCredentials Operation 145
RunFileSession Operation 300
SendError Operation 60
SendMsg Operation 62
SetAdminOrchestrationMode Operation 248
SetBlockAllMessage Operation 250
SetBootToConsoleMode Operation 252
SetDesktopMonitoring Operation 264
SetDisplayRotation Operation 351
SetMode Operation 159
SetReplacementSslCertificate Operation 254
SetScheduledUpdateSettings Operation 161
SetSingleSessionPerUser Operation 266
SetSslCertificate Operation 142
SetStationAutoLogon Operation 353
SetStationFriendlyName Operation 355
SetStationServerName Operation 357
SetSuppressPrivacyNotification Operation 256
SetUseHardwareGpu Operation 258
SetUserInfo Operation 384
ShareDesktop Operation 302
Shutdown Operation 195
ShutdownNotification Operation 132
SplitStation Operation 359
StopIdentifyingSession Operation 305
StopIdentifyingStation Operation 361
StopLockingSession Operation 307
StopShareDesktop Operation 308
UnblockUsbStorageDevices 365
UnblockUsbStorageDevicesAllStations 363
Uninstall Operation 163
UnregisterChatEventSink Operation 197
UnregisterCoreEventSink Operation 198
ValidateAutoLogonAccount Operation 260
ViewDesktop Operation 310
Overview (synopsis) 41

P

- Parameters - security index 391
- Preconditions 41
- Prerequisites 41
- Product behavior 490
- 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 391
 - parameter index 391
- Sequencing rules
 - server (section 3.1.4 46, section 3.2.4 52, section 3.3.4 65, section 3.4.4 142, section 3.5.4 148, section 3.6.4 166, section 3.7.4 269, section 3.8.4 317, section 3.9.4 368, section 3.10.4 376)
- Server
 - abstract data model (section 3.1.1 46, section 3.2.1 51, section 3.3.1 65, section 3.4.1 141, section 3.5.1 148, section 3.6.1 165, section 3.7.1 268, section 3.8.1 316, section 3.9.1 367, section 3.10.1 375)
 - AddUser Operation operation 376
 - BlockUsbStorageDevices operation 320
 - BlockUsbStorageDevicesAllStations operation 318
 - CanModifyWau Operation operation 200
 - CloseSessionApplication Operation operation 272
 - ConfigureWebLimiting Operation operation 274
 - ConfigureWebLimitingAll Operation operation 276
 - Connect Operation operation 52
 - CurrentActivity Operation operation 270
 - Disconnect Operation operation 54
 - DisconnectSession Operation operation 312
 - Enable Chat Operation operation 204
 - EnableCeip Operation operation 202
 - EnableProjectToAll Operation operation 278
 - EnableVirtualIpPerSession Operation operation 262
 - EnableWau Operation operation 206
 - EnableWebLimitingAll Operation operation 280
 - EnableWer Operation operation 208
 - EnumerateUsers Operation operation 378
 - GetAllSessions Operation operation 167
 - GetChatId Operation operation 56
 - GetClientVersion Operation operation 171
 - GetDisplayRotation Operation operation 321
 - GetFreeSpaceNeeded Operation operation 148
 - GetLicenseCount Operation operation 210
 - GetManagedSystemsType Operation operation 211
 - GetMode Operation operation 150
 - GetNetJoinStatus Operation operation 213
 - GetNextStationIdentifier Operation operation 323
 - GetPeerWmsConnectorList Operation operation 175
 - GetPeerWmsServerList Operation operation 173
 - GetProtocolVersion Operation operation 47
 - GetReplacementSslCertificate Operation operation 216
 - GetScheduledUpdateSettings Operation operation 152
 - GetScreenState Operation operation 282
 - GetServerVersion Operation operation 177
 - GetSessionAgentStatus Operation operation 284
 - GetSessionFlags operation 294
 - GetSessionRunningApps Operation operation 286

GetStationAlertStatus Operation operation 325
 GetStationAutoLogonInformation Operation operation 328
 GetStationDeviceInformation Operation operation 331
 GetStationFriendlyName Operation operation 333
 GetStationInformation Operation operation 336
 GetStationServerName Operation operation 338
 GetStationSplitScreenInformation Operation operation 341
 GetSystemAlertStatus Operation operation 180
 GetSystemMode Operation operation 182
 GetThumbnailBits Operation operation 289
 GetUseHardwareGpu Operation operation 184
 GetVirtualMachineHostname Operation operation 217
 GetVirtualMachineIpAddress Operation operation 186
 GetWmsWebLimiting Operation operation 220
 IdentifySession Operation operation 292
 IdentifyStation Operation operation 343
 initialization (section 3.1.3 46, section 3.2.3 52, section 3.3.3 65, section 3.4.3 142, section 3.5.3 148, section 3.6.3 166, section 3.7.3 268, section 3.8.3 317, section 3.9.3 368, section 3.10.3 376)
 Install Operation operation 155
 IsAdminOrchestrationMode Operation operation 222
 IsBootToConsoleMode Operation operation 224
 IsCeipEnabled Operation operation 226
 IsChatEnabled Operation operation 228
 IsDesktopMonitoringAllowed Operation operation 230
 IsHypervisorPresent Operation operation 232
 IsInstalled Operation operation 157
 IsSingleSessionPerUser Operation operation 234
 IsSuppressPrivacyNotificationSet Operation operation 235
 IsUsbStorageDeviceBlocked Operation operation 345
 IsVirtualIpPerSessionEnabled Operation operation 237
 IsWauEnabled Operation operation 239
 IsWerEnabled Operation operation 241
 LoadWindowsEdition Operation operation 243
 local events (section 3.1.6 51, section 3.2.6 64, section 3.3.6 141, section 3.4.6 147, section 3.5.6 165, section 3.6.6 268, section 3.7.6 316, section 3.8.6 367, section 3.9.6 375, section 3.10.6 386)
 LockSession Operation operation 296
 LogOffConsoleSession Operation operation 314
 LogOffSession Operation operation 298
 message processing (section 3.1.4 46, section 3.2.4 52, section 3.3.4 65, section 3.4.4 142, section 3.5.4 148, section 3.6.4 166, section 3.7.4 269, section 3.8.4 317, section 3.9.4 368, section 3.10.4 376)
 OnAssociateSessionWithStation Operation operation 66
 OnBeginIdentifySession Operation operation 69
 OnBeginIdentifyStation Operation operation 70
 OnboardVirtualDesktop Operation operation 245
 OnBootToConsoleModeChange Operation operation 72
 OnConfigureStation Operation operation 74
 OnDesktopMonitoringChange Operation operation 76
 OnDeviceAdded Operation operation 78
 OnDeviceRemoved Operation operation 81
 OnEndIdentifySession Operation operation 83
 OnEndIdentifyStation Operation operation 85
 OnEnterSplitScreen Operation operation 87
 OnExitSplitScreen Operation operation 89
 OnGroupUpdated Operation operation 139
 OnManagedServerOffline Operation operation 91
 OnManagedServerOfflineNotify Operation operation 368
 OnManagedServerOnline Operation operation 93
 OnManagedServerOnlineNotify Operation operation 370
 OnNewServerCertificateReady Operation operation 373
 OnPeerServerAdded Operation operation 95
 OnPeerServerDiscovered Operation operation 97
 OnPeerServerRemoved Operation operation 99
 OnProjectionStateChange Operation operation 101
 OnScheduledUpdateSettingsChanged Operation operation 103
 OnServiceControlSessionChange Operation operation 105

OnSessionAgentReady Operation operation 108
OnSessionBlocked Operation operation 109
OnSessionConnecting Operation operation 111
OnSessionDisconnected Operation operation 113
OnSessionUnblocked Operation operation 115
OnStationAdded Operation operation 117
OnStationAlert Operation operation 119
OnStationRemoved Operation operation 121
OnSystemAlert Operation operation 123
OnSystemModeChange Operation operation 125
OnUserCreated Operation operation 133
OnUserDeleted Operation operation 137
OnUserUpdated Operation operation 135
OnVirtualDesktopNotification Operation operation 129
OnVirtualDesktopOnline operation 127
Ping Operation operation 59
Reboot Operation operation 189
RefreshStation Operation operation 347
RegisterChatEventSink Operation operation 190
RegisterCoreEventSink Operation operation 193
RemapStations Operation operation 349
RemoveUser Operation operation 382
RequestSslCertificate Operation operation 49
RequestWmsControlCredentials Operation operation 145
RunFileSession Operation operation 300
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 3.4.4 142, section 3.5.4 148,
section 3.6.4 166, section 3.7.4 269, section 3.8.4 317, section 3.9.4 368, section 3.10.4 376)
SetAdminOrchestrationMode Operation operation 248
SetBlockAllMessage Operation operation 250
SetBootToConsoleMode Operation operation 252
SetDesktopMonitoring Operation operation 264
SetDisplayRotation Operation operation 351
SetMode Operation operation 159
SetReplacementSslCertificate Operation operation 254
SetScheduledUpdateSettings Operation operation 161
SetSingleSessionPerUser Operation operation 266
SetSslCertificate Operation operation 142
SetStationAutoLogon Operation operation 353
SetStationFriendlyName Operation operation 355
SetStationServerName Operation operation 357
SetSuppressPrivacyNotification Operation operation 256
SetUseHardwareGpu Operation operation 258
SetUserInfo Operation operation 384
ShareDesktop Operation operation 302
Shutdown Operation operation 195
ShutdownNotification Operation operation 132
SplitStation Operation operation 359
StopIdentifyingSession Operation operation 305
StopIdentifyingStation Operation operation 361
StopLockingSession Operation operation 307
StopShareDesktop Operation operation 308
timer events (section 3.1.5 51, section 3.2.5 64, section 3.3.5 141, section 3.4.5 147, section 3.5.5 165, section
3.6.5 268, section 3.7.5 316, section 3.8.5 367, section 3.9.5 375, section 3.10.5 386)
timers (section 3.1.2 46, section 3.2.2 52, section 3.3.2 65, section 3.4.2 142, section 3.5.2 148, section 3.6.2
166, section 3.7.2 268, section 3.8.2 316, section 3.9.2 368, section 3.10.2 375)
UnblockUsbStorageDevices operation 365
UnblockUsbStorageDevicesAllStations operation 363
Uninstall Operation operation 163
UnregisterChatEventSink Operation operation 197
UnregisterCoreEventSink Operation operation 198
ValidateAutoLogonAccount Operation operation 260
ViewDesktop Operation operation 310
Simple types 45

Guid 45
Standards assignments 42

T

Timer events

server (section 3.1.5 51, section 3.2.5 64, section 3.3.5 141, section 3.4.5 147, section 3.5.5 165, section 3.6.5 268, section 3.7.5 316, section 3.8.5 367, section 3.9.5 375, section 3.10.5 386)

Timers

server (section 3.1.2 46, section 3.2.2 52, section 3.3.2 65, section 3.4.2 142, section 3.5.2 148, section 3.6.2 166, section 3.7.2 268, section 3.8.2 316, section 3.9.2 368, section 3.10.2 375)

Tracking changes 492

Transport 43

Types

complex 44

simple 45

V

Vendor-extensible fields 42

Versioning 42

W

WmsFaultType complex type 44

WmsFaultType element 43

WSDL 392