

[MS-RSMC-Diff]:

Remote Session Monitoring and Control Protocol

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Revision Summary

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| 10/16/2015 | 2.0 | Major | Significantly changed the technical content. |
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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 supports server and, optionally, client authentication using X.509 certificates [X509] and [RFC5280]. SSL

is superseded by Transport Layer Security (TLS). TLS version 1.0 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 [XMLSCHEMA2/2] 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 dohelp@microsoft.com. We will assist you in finding the relevant information.

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

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

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

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

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

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

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

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

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

1.2.2 Informative References

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

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

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

1.3 Overview

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

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

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

1.4 Relationship to Other Protocols

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

1.5 Prerequisites/Preconditions

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

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

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

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

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

1.6 Applicability Statement

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

1.7 Versioning and Capability Negotiation

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

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

1.8 Vendor-Extensible Fields

None.

1.9 Standards Assignments

None.

2 Messages

2.1 Transport

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

- SOAP over HTTP over TCP/IP [RFC7230]
- SOAP over HTTP over TLS [RFC2246]

2.2 Common Message Syntax

2.2.1 Namespaces

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

| Prefix | NameSpaces URI | Reference |
|--------|---|------------------------------------|
| soap12 | 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"
    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/OnBeginIdentifySession"
name="IMultiPointCoreEventSink_OnBeginIdentifySession_OutputMessage"
message="tns:IMultiPointCoreEventSink_OnBeginIdentifySession_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointCoreEventSink_OnBeginIdentifySession_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

3.3.4.2.1 Messages

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

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

3.3.4.2.1.1 IMultiPointCoreEventSink_OnBeginIdentifySession_InputMessage Message

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

The SOAP action value is:

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

3.3.4.2.1.2 IMultiPointCoreEventSink_OnBeginIdentifySession_OutputMessage Message

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

The SOAP action value is:

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

```

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

```

3.3.4.2.1.3 IMultiPointCoreEventSink_OnBeginIdentifySession_WmsFaultType_Fault Message Message

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

The SOAP action value is:

```

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

```

3.3.4.2.2 Elements

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

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

3.3.4.2.2.1 OnBeginIdentifySession

```

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

```

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

3.3.4.2.2.2 OnBeginIdentifySessionResponse

```

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

```

3.3.4.2.3 Complex Types

None.

3.3.4.3 OnBeginIdentifyStation Operation

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

```

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

3.3.4.6.1 Messages

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

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

3.3.4.6.1.1 IMultiPointCoreEventSink_OnDesktopMonitoringChange_InputMessage Message

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

The SOAP action value is:

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

3.3.4.6.1.2 IMultiPointCoreEventSink_OnDesktopMonitoringChange_OutputMessage Message

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

The SOAP action value is:

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

3.3.4.6.1.3 IMultiPointCoreEventSink_OnDesktopMonitoringChange_WmsFaultType_FaultMessage Message

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

The SOAP action value is:

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

3.3.4.6.2 Elements

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

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

3.3.4.6.2.1 OnDesktopMonitoringChange

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

fDesktopMonitoringEnabled: Contains "true" if enabled.

3.3.4.6.2.2 OnDesktopMonitoringChangeResponse

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

3.3.4.6.3 Complex Types

None.

3.3.4.7 OnDeviceAdded Operation

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

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

3.3.4.7.1 Messages

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

| Message | Description |
|---|---|
| IMultiPointCoreEventSink_OnDeviceAdded_InputMessage | This message is sent when a device is added to a station. |

| 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>
```

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

3.3.4.24.1 Messages

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

| Message | Description |
|---|--|
| IMultiPointCoreEventSink_OnSessionDisconnected_InputMessage | This message is sent when a session is disconnected. |

| 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>
```

```
</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/OnUserUpdatedRespon  
se" name="IMultiPointCoreEventSink_OnUserUpdated_OutputMessage"  
message="tns:IMultiPointCoreEventSink_OnUserUpdated_OutputMessage"/>  
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"  
message="tns:IMultiPointCoreEventSink_OnUserUpdated_WmsFaultType_FaultMessage"/>  
</wsdl:operation>
```

3.3.4.35.1 Messages

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

| Message | Description |
|--|--|
| IMultiPointCoreEventSink_OnUserUpdated_InputMessage | This message is sent when a user is modified. |
| IMultiPointCoreEventSink_OnUserUpdated_OutputMessage | Response message. |
| IMultiPointCoreEventSink_OnUserUpdated_WmsFaultType_FaultMessage | This message contains the internal server failure status code if one occurs. |

3.3.4.35.1.1 IMultiPointCoreEventSink_OnUserUpdated_InputMessage Message

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

The SOAP action value is:

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

3.3.4.35.1.2 IMultiPointCoreEventSink_OnUserUpdated_OutputMessage Message

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

The SOAP action value is:

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

3.3.4.35.1.3 IMultiPointCoreEventSink_OnUserUpdated_WmsFaultType_FaultMessage Message

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

The SOAP action value is:

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

3.3.4.35.2 Elements

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

| Element | Description |
|-----------------|--------------------------|
| <OnUserUpdated> | Input parameters element |

| 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/OnUserDeletedRespon
se" 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 Message

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

The SOAP action value is:

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

3.5.4.1.2 Elements

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

| Element | Description |
|------------------------------|--------------------------|
| <GetFreeSpaceNeeded> | Input parameters element |
| <GetFreeSpaceNeededResponse> | Output data element |

3.5.4.1.2.1 GetFreeSpaceNeeded

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

3.5.4.1.2.2 GetFreeSpaceNeededResponse

```
<xsd:element name="GetFreeSpaceNeededResponse">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="pullFreeSpaceNeeded"
type="xsd:unsignedLong"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

pullFreeSpaceNeeded: The amount of free space on the boot partition required to install disk protection.

3.5.4.1.3 Complex Types

None.

3.5.4.2 GetMode Operation

The **GetMode** method requests the current disk protection mode from the server. This operation MUST be authenticated by using either the Server Management Credentials or the Server Control Credentials (section 3.4.1).

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

```

    <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/GetMode"
name="IMultiPointDiskProtection_GetMode_InputMessage"
message="tns:IMultiPointDiskProtection_GetMode_InputMessage"/>
    <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/GetModeResponse"
name="IMultiPointDiskProtection_GetMode_OutputMessage"
message="tns:IMultiPointDiskProtection_GetMode_OutputMessage"/>
    <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
name="WmsFaultType"
message="tns:IMultiPointDiskProtection_GetMode_WmsFaultType_FaultMessage"/>
</wsdl:operation>

```

3.5.4.2.1 Messages

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

| Message | Description |
|---|--|
| IMultiPointDiskProtection_GetMode_InputMessage | This message requests the current mode of disk protection on the server. |
| IMultiPointDiskProtection_GetMode_OutputMessage | This message contains the current mode of disk protection on the server. |
| IMultiPointDiskProtection_GetMode_WmsFaultType_FaultMessage | This message contains the internal server failure status code if one occurs. |

3.5.4.2.1.1 IMultiPointDiskProtection_GetMode_InputMessage Message

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

The SOAP action value is:

```

http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/GetMode
<wsdl:message name="IMultiPointDiskProtection_GetMode_InputMessage">
  <wsdl:part name="GetMode" element="tns:GetMode"/>
</wsdl:message>

```

3.5.4.2.1.2 IMultiPointDiskProtection_GetMode_OutputMessage Message

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

The SOAP action value is:

```

http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/GetModeResponse
<wsdl:message name="IMultiPointDiskProtection_GetMode_OutputMessage">
  <wsdl:part name="GetModeResponse" element="tns:GetModeResponse"/>
</wsdl:message>

```

3.5.4.2.1.3 IMultiPointDiskProtection_GetMode_WmsFaultType_FaultMessage Message

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

The SOAP action value is:

```

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

```

3.5.4.2.2 Elements

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

| Element | Description |
|-------------------|--------------------------|
| <GetMode> | Input parameters element |
| <GetModeResponse> | Output data element |

3.5.4.2.2.1 GetMode

```

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

```

3.5.4.2.2.2 GetModeResponse

```

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

```

pdpm: Disk protection mode is an unsigned integer with the following possible values: 1 = Passive; 2 = Discard.

3.5.4.2.3 Complex Types

None.

3.5.4.3 GetScheduledUpdateSettings Operation

The **GetScheduledUpdateSettings** method gets the current configuration when updates are applied and maintenance is performed while disk protection is enabled. This operation MUST be authenticated by using Server Management Credentials (section 3.4.1).

```

<wsdl:operation name="GetScheduledUpdateSettings">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/GetScheduledUpdateSettings" name="IMultiPointDiskProtection_GetScheduledUpdateSettings_InputMessage"
message="tns:IMultiPointDiskProtection_GetScheduledUpdateSettings_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/GetScheduledUpdateSettingsResponse" name="IMultiPointDiskProtection_GetScheduledUpdateSettings_OutputMessage"
message="tns:IMultiPointDiskProtection_GetScheduledUpdateSettings_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
name="WmsFaultType"

```



```

message="tns:IMultiPointDiskProtection_GetScheduledUpdateSettings_WmsFaultType_FaultMessage"/
>
</wsdl:operation>

```

3.5.4.3.1 Messages

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

| Message | Description |
|--|--|
| IMultiPointDiskProtection_GetScheduledUpdateSettings_InputMessage | This message gets the current configuration of when updates are applied and maintenance is performed while disk protection is enabled. |
| IMultiPointDiskProtection_GetScheduledUpdateSettings_OutputMessage | Response message. |
| IMultiPointDiskProtection_GetScheduledUpdateSettings_WmsFaultType_FaultMessage | This message contains the internal server failure status code if one occurs. |

3.5.4.3.1.1 IMultiPointDiskProtection_GetScheduledUpdateSettings_InputMessage Message

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

The SOAP action value is:

```

http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/GetScheduledUpdateSettings
<wsdl:message name="IMultiPointDiskProtection_GetScheduledUpdateSettings_InputMessage">
  <wsdl:part name="GetScheduledUpdateSettings" element="tns:GetScheduledUpdateSettings"/>
</wsdl:message>

```

3.5.4.3.1.2 IMultiPointDiskProtection_GetScheduledUpdateSettings_OutputMessage Message

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

The SOAP action value is:

```

http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/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"/>
```

3.6.4.3.2.2 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/UnregisterCoreEventSinkResp
onse" name="IMultiPointServer_UnregisterCoreEventSink_OutputMessage"
message="tns:IMultiPointServer_UnregisterCoreEventSink_OutputMessage"/>
    <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointServer_UnregisterCoreEventSink_WmsFaultType_FaultMessage"/>
</wsdl:operation>

```

3.6.4.15.1 Messages

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

| Message | Description |
|---|---|
| IMultiPointServer_UnregisterCoreEventSink_InputMessage | This message informs the server that the client no longer wishes to receive MultiPoint core events. |
| IMultiPointServer_UnregisterCoreEventSink_OutputMessage | Response message. |
| IMultiPointServer_UnregisterCoreEventSink_WmsFaultType_FaultMessage | This message contains the internal server failure status code if one occurs. |

3.6.4.15.1.1 IMultiPointServer_UnregisterCoreEventSink_InputMessage Message

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

The SOAP action value is:

```

http://MultiPoint/RemoteManagement/IMultiPointServer/UnregisterCoreEventSink
<wsdl:message name="IMultiPointServer_UnregisterCoreEventSink_InputMessage">
  <wsdl:part name="UnregisterCoreEventSink" element="tns:UnregisterCoreEventSink"/>
</wsdl:message>

```

3.6.4.15.1.2 IMultiPointServer_UnregisterCoreEventSink_OutputMessage Message

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

The SOAP action value is:

```

http://MultiPoint/RemoteManagement/IMultiPointServer/UnregisterCoreEventSinkResponse
<wsdl:message name="IMultiPointServer_UnregisterCoreEventSink_OutputMessage">
  <wsdl:part name="UnregisterCoreEventSinkResponse"
element="tns:UnregisterCoreEventSinkResponse"/>
</wsdl:message>

```

3.6.4.15.1.3 IMultiPointServer_UnregisterCoreEventSink_WmsFaultType_FaultMessage Message

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

The SOAP action value is:

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

3.6.4.15.2 Elements

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

| Element | Description |
|-----------------------------------|--------------------------|
| <UnregisterCoreEventSink> | Input parameters element |
| <UnregisterCoreEventSinkResponse> | Output data element |

3.6.4.15.2.1 UnregisterCoreEventSink

```
<xsd:element name="UnregisterCoreEventSink">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="ullCookie" type="xsd:unsignedLong"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

ullCookie: Contains the cookie string returned when the event sink was registered.

3.6.4.15.2.2 UnregisterCoreEventSinkResponse

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

3.6.4.15.3 Complex Types

None.

3.6.4.16 CanModifyWau Operation

The **CanModifyWau** method queries the server to determine if the Automatic Update settings can be modified. 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.<8> 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/GetReplacementSslCertificateResponse"
name="IMultiPointServer_GetReplacementSslCertificate_OutputMessage"
message="tns:IMultiPointServer_GetReplacementSslCertificate_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointServer_GetReplacementSslCertificate_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

3.6.4.24.1 Messages

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

| Message | Description |
|--|---|
| IMultiPointServer_GetReplacementSslCertificate_InputMessage | This message requests the server's certificate. |
| IMultiPointServer_GetReplacementSslCertificate_OutputMessage | This message returns the server's certificate. |
| IMultiPointServer_GetReplacementSslCertificate_WmsFaultType_FaultMessage | This message contains the internal server failure status code, if one occurs. |

3.6.4.24.1.1 IMultiPointServer_GetReplacementSslCertificate_InputMessage Message

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

The SOAP action value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/GetReplacementSslCertificate
<wsdl:message name="IMultiPointServer_GetReplacementSslCertificate_InputMessage">
  <wsdl:part name="GetReplacementSslCertificate" element="tns:GetReplacementSslCertificate"/>
</wsdl:message>
```

3.6.4.24.1.2 IMultiPointServer_GetReplacementSslCertificate_OutputMessage Message

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

The SOAP action value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/GetReplacementSslCertificateResponse
<wsdl:message name="IMultiPointServer_GetReplacementSslCertificate_OutputMessage">
  <wsdl:part name="GetReplacementSslCertificate" element="tns:GetReplacementSslCertificate"/>
</wsdl:message>
```



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

3.6.4.24.1.3 IMultiPointServer_GetReplacementSslCertificate_WmsFaultType_FaultMessage Message

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

The SOAP action value is as follows:

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

3.6.4.24.2 Elements

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

| Element | Description |
|--|----------------------------|
| <GetReplacementSslCertificate> | An input parameter element |
| <GetReplacementSslCertificateResponse> | An output data element |

3.6.4.24.2.1 GetReplacementSslCertificate

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

3.6.4.24.2.2 GetReplacementSslCertificateResponse

```
<xsd:element name="GetReplacementSslCertificateResponse">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="ppSslCertificate"
        type="tns:ArrayOfBytes" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

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

3.6.4.24.3 Complex Types

None.

3.6.4.25 GetVirtualMachineHostname Operation

The **GetVirtualMachineHostname** method returns the host name of the machine running the server when it is running in a virtual machine. This operation MUST be authenticated by using Server Management Credentials (section 3.4.1).

```

<wsdl:operation name="GetVirtualMachineHostname">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetVirtualMachineHostname"
    name="IMultiPointServer_GetVirtualMachineHostname_InputMessage"
    message="tns:IMultiPointServer_GetVirtualMachineHostname_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetVirtualMachineHostnameResponse"
    name="IMultiPointServer_GetVirtualMachineHostname_OutputMessage"
    message="tns:IMultiPointServer_GetVirtualMachineHostname_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointServer_GetVirtualMachineHostname_WmsFaultType_FaultMessage"/>
</wsdl:operation>

```

3.6.4.25.1 Messages

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

| Message | Description |
|---|--|
| IMultiPointServer_GetVirtualMachineHostname_InputMessage | This message requests the host name of the virtual machine's host. |
| IMultiPointServer_GetVirtualMachineHostname_OutputMessage | Response message. |
| IMultiPointServer_GetVirtualMachineHostname_WmsFaultType_FaultMessage | This message contains the internal server failure status code if one occurs. |

3.6.4.25.1.1 IMultiPointServer_GetVirtualMachineHostname_InputMessage Message

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

The SOAP action value is:

```

http://MultiPoint/RemoteManagement/IMultiPointServer/GetVirtualMachineHostname
<wsdl:message name="IMultiPointServer_GetVirtualMachineHostname_InputMessage">
  <wsdl:part name="GetVirtualMachineHostname" element="tns:GetVirtualMachineHostname"/>
</wsdl:message>

```

3.6.4.25.1.2 IMultiPointServer_GetVirtualMachineHostname_OutputMessage Message

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

The SOAP action value is:

```

http://MultiPoint/RemoteManagement/IMultiPointServer/GetVirtualMachineHostnameResponse
<wsdl:message name="IMultiPointServer_GetVirtualMachineHostname_OutputMessage">
  <wsdl:part name="GetVirtualMachineHostnameResponse"
    element="tns:GetVirtualMachineHostnameResponse"/>
</wsdl:message>

```

3.6.4.25.1.3 IMultiPointServer_GetVirtualMachineHostname_WmsFaultType_FaultMessage Message

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

The SOAP action value is:

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

3.6.4.25.2 Elements

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

| Element | Description |
|-------------------------------------|--------------------------|
| <GetVirtualMachineHostname> | Input parameters element |
| <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/IsSingleSessionPerUserRespo
nse" name="IMultiPointServer_IsSingleSessionPerUser_OutputMessage"
message="tns:IMultiPointServer_IsSingleSessionPerUser_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointServer_IsSingleSessionPerUser_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

3.6.4.33.1 Messages

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

| Message | Description |
|--|---|
| IMultiPointServer_IsSingleSessionPerUser_InputMessage | This message requests the server's single session per user configuration. |
| IMultiPointServer_IsSingleSessionPerUser_OutputMessage | This message contains the server's current single session per user configuration. |
| IMultiPointServer_IsSingleSessionPerUser_WmsFaultType_FaultMessage | This message contains the internal server failure status code if one occurs. |

3.6.4.33.1.1 IMultiPointServer_IsSingleSessionPerUser_InputMessage Message

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

The SOAP action value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/IsSingleSessionPerUser
<wsdl:message name="IMultiPointServer_IsSingleSessionPerUser_InputMessage">
  <wsdl:part name="IsSingleSessionPerUser" element="tns:IsSingleSessionPerUser"/>
</wsdl:message>
```

3.6.4.33.1.2 IMultiPointServer_IsSingleSessionPerUser_OutputMessage Message

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

The SOAP action value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/IsSingleSessionPerUserResponse
<wsdl:message name="IMultiPointServer_IsSingleSessionPerUser_OutputMessage">
  <wsdl:part name="IsSingleSessionPerUserResponse"
element="tns:IsSingleSessionPerUserResponse"/>
</wsdl:message>
```

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

3.6.4.33.1.3 IMultiPointServer_IsSingleSessionPerUser_WmsFaultType_FaultMessage Message

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

The SOAP action value is:

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

3.6.4.33.2 Elements

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

| Element | Description |
|----------------------------------|--------------------------|
| <IsSingleSessionPerUser> | Input parameters element |
| <IsSingleSessionPerUserResponse> | Output data element |

3.6.4.33.2.1 IsSingleSessionPerUser

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

3.6.4.33.2.2 IsSingleSessionPerUserResponse

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

pfSingleSessionPerUser: Contains "true" if each user can have only a single session, or "false" if users can have multiple sessions.

3.6.4.33.3 Complex Types

None.

3.6.4.34 IsSuppressPrivacyNotificationSet Operation

The **IsSuppressPrivacyNotificationSet** method requests the server's current privacy notice configuration. It can be currently suppressed or enabled. This operation **MUST** be authenticated by using either the Server Management Credentials or the Server Control Credentials (section 3.4.1).

```

<wsdl:operation name="IsSuppressPrivacyNotificationSet">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/IsSuppressPrivacyNotificati
onSet" name="IMultiPointServer_IsSuppressPrivacyNotificationSet_InputMessage"
message="tns:IMultiPointServer_IsSuppressPrivacyNotificationSet_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/IsSuppressPrivacyNotificati
onSetResponse" 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/CloseSessionApplicationRes
    ponse" name="IMultiPointSession_CloseSessionApplication_OutputMessage"
    message="tns:IMultiPointSession_CloseSessionApplication_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointSession_CloseSessionApplication_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

3.7.4.2.1 Messages

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

| Message | Description |
|--|--|
| IMultiPointSession_CloseSessionApplication_InputMessage | This message requests that the server close a specific application. |
| IMultiPointSession_CloseSessionApplication_OutputMessage | Response message. |
| IMultiPointSession_CloseSessionApplication_WmsFaultType_FaultMessage | This message contains the internal server failure status code if one occurs. |

3.7.4.2.1.1 IMultiPointSession_CloseSessionApplication_InputMessage Message

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

The SOAP action value is:

```
http://MultiPoint/RemoteManagement/IMultiPointSession/CloseSessionApplication
<wsdl:message name="IMultiPointSession_CloseSessionApplication_InputMessage">
  <wsdl:part name="CloseSessionApplication" element="tns:CloseSessionApplication"/>
```



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

3.7.4.2.1.2 IMultiPointSession_CloseSessionApplication_OutputMessage Message

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

The SOAP action value is:

```
http://MultiPoint/RemoteManagement/IMultiPointSession/CloseSessionApplicationResponse
<wsdl:message name="IMultiPointSession_CloseSessionApplication_OutputMessage">
  <wsdl:part name="CloseSessionApplicationResponse"
    element="tns:CloseSessionApplicationResponse"/>
</wsdl:message>
```

3.7.4.2.1.3 IMultiPointSession_CloseSessionApplication_WmsFaultType_FaultMessage Message

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

The SOAP action value is:

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

3.7.4.2.2 Elements

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

| Element | Description |
|-----------------------------------|--------------------------|
| <CloseSessionApplication> | Input parameters element |
| <CloseSessionApplicationResponse> | Output data element |

3.7.4.2.2.1 CloseSessionApplication

```
<xsd:element name="CloseSessionApplication">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="idSession" type="xsd:unsignedInt"/>
      <xsd:element minOccurs="1" maxOccurs="1" name="idProcess" type="xsd:unsignedInt"/>
      <xsd:element minOccurs="1" maxOccurs="1" name="ullCreateTime" type="xsd:unsignedLong"/>
      <xsd:element minOccurs="1" maxOccurs="1" name="idWindow" type="xsd:unsignedLong"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

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

idProcess: Contains the process ID of the process.

ullCreateTime: Contains the creation time of the process.

idWindow: Contains the ID of the window associated with the process.

3.7.4.2.2 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>
```

IsInLimiting: 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>
```

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/GetStationAutoLogonInforma
tion" name="IMultiPointStation_GetStationAutoLogonInformation_InputMessage"
message="tns:IMultiPointStation_GetStationAutoLogonInformation_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationAutoLogonInforma
tionResponse" 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/SetStationFriendlyNameResp  
onse" name="IMultiPointStation_SetStationFriendlyName_OutputMessage"  
    message="tns:IMultiPointStation_SetStationFriendlyName_OutputMessage"/>  
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"  
    message="tns:IMultiPointStation_SetStationFriendlyName_WmsFaultType_FaultMessage"/>  
</wsdl:operation>
```

3.8.4.18.1 Messages

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

| Message | Description |
|---|---|
| IMultiPointStation_SetStationFriendlyName_InputMessage | This message requests that the server associate the specified friendly name with the specified station. |
| IMultiPointStation_SetStationFriendlyName_OutputMessage | Response message. |
| IMultiPointStation_SetStationFriendlyName_WmsFaultType_FaultMessage | This message contains the internal server failure status code, if one occurs. |

3.8.4.18.1.1 IMultiPointStation_SetStationFriendlyName_InputMessage Message

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

The SOAP action value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointStation/SetStationFriendlyName
<wsdl:message name="IMultiPointStation_SetStationFriendlyName_InputMessage">
  <wsdl:part name="SetStationFriendlyName" element="tns:SetStationFriendlyName"/>
</wsdl:message>
```

3.8.4.18.1.2 IMultiPointStation_SetStationFriendlyName_OutputMessage Message

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

The SOAP action value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointStation/SetStationFriendlyNameResponse
<wsdl:message name="IMultiPointStation_SetStationFriendlyName_OutputMessage">
  <wsdl:part name="SetStationFriendlyNameResponse"
  element="tns:SetStationFriendlyNameResponse"/>
</wsdl:message>
```

3.8.4.18.1.3 IMultiPointStation_SetStationFriendlyName_WmsFaultType_FaultMessage Message

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

The SOAP action value is as follows:

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

3.8.4.18.2 Elements

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

| Element | Description |
|----------------------------------|----------------------------|
| <SetStationFriendlyName> | An input parameter element |
| <SetStationFriendlyNameResponse> | An output data element |

3.8.4.18.2.1 SetStationFriendlyName

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

3.8.4.18.2.2 SetStationFriendlyNameResponse

```
<xsd:element name="SetStationFriendlyNameResponse"
type="q1:SetStationFriendlyNameResponseBody"/>
```

3.8.4.18.3 Complex Types

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

| Complex type | Description |
|--------------------------------------|-------------------------------------|
| <SetStationFriendlyNameRequestBody> | XML supplying the input parameters |
| <SetStationFriendlyNameResponseBody> | XML supplying the output parameters |

3.8.4.18.3.1 SetStationFriendlyNameRequestBody

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

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

wsFriendlyName: Contains the friendly name of the station.

3.8.4.18.3.2 SetStationFriendlyNameResponseBody

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

3.8.4.19 SetStationServerName Operation

The **SetStationServerName** sets the host name of the session host server or virtual machine to which the given station connects.

This operation MUST be authenticated by using Server Management Credentials (section 3.4.1).

```
<wsdl:operation name="SetStationServerName">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/SetStationServerName"
    name="IMultiPointStation_SetStationServerName_InputMessage"
    message="tns:IMultiPointStation_SetStationServerName_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/SetStationServerNameResponse"
    name="IMultiPointStation_SetStationServerName_OutputMessage"
    message="tns:IMultiPointStation_SetStationServerName_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointStation_SetStationServerName_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

3.8.4.19.1 Messages

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

| Message | Description |
|--|--|
| IMultiPointStation_SetStationServerName_InputMessage | This message requests that the specified server name and virtual |

| Message | Description |
|---|---|
| | machine host name be associated with the specified station. |
| IMultiPointStation_SetStationServerName_OutputMessage | Response message. |
| IMultiPointStation_SetStationServerName_WmsFaultType_FaultMessage | This message contains the internal server failure status code, if one occurs. |

3.8.4.19.1.1 IMultiPointStation_SetStationServerName_InputMessage Message

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

The SOAP action value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointStation/SetStationServerName
<wsdl:message name="IMultiPointStation_SetStationServerName_InputMessage">
  <wsdl:part name="SetStationServerName" element="tns:SetStationServerName"/>
</wsdl:message>
```

3.8.4.19.1.2 IMultiPointStation_SetStationServerName_OutputMessage Message

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

The SOAP action value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointStation/SetStationServerNameResponse
<wsdl:message name="IMultiPointStation_SetStationServerName_OutputMessage">
  <wsdl:part name="SetStationServerNameResponse" element="tns:SetStationServerNameResponse"/>
</wsdl:message>
```

3.8.4.19.1.3 IMultiPointStation_SetStationServerName_WmsFaultType_FaultMessage Message

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

The SOAP action value is as follows:

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

3.8.4.19.2 Elements

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

| Element | Description |
|--------------------------------|----------------------------|
| <SetStationServerName> | An input parameter element |
| <SetStationServerNameResponse> | An output data element |

3.8.4.19.2.1 SetStationServerName

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

3.8.4.19.2.2 SetStationServerNameResponse

```
<xsd:element name="SetStationServerNameResponse" type="q1:SetStationServerNameResponseBody"/>
```

3.8.4.19.3 Complex Types

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

| Complex type | Description |
|------------------------------------|-------------------------------------|
| <SetStationServerNameRequestBody> | XML supplying the input parameters |
| <SetStationServerNameResponseBody> | XML supplying the output parameters |

3.8.4.19.3.1 SetStationServerNameRequestBody

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

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

wsServerName: Contains the host name of the server.

wsVirtualMachineName: Contains the host name of a virtual machine hosting the station (if any).

3.8.4.19.3.2 SetStationServerNameResponseBody

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

3.8.4.20 SplitStation Operation

The **SplitStation** method is called to either split the display of a single station into two virtual displays, each associated with different station hardware, or to recombine a split display into a single display.

This operation MUST be authenticated by using Server Management Credentials (section 3.4.1).

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

```

name="IMultiPointStation_SplitStation_InputMessage"
message="tns:IMultiPointStation_SplitStation_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/SplitStationResponse"
name="IMultiPointStation_SplitStation_OutputMessage"
message="tns:IMultiPointStation_SplitStation_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointStation_SplitStation_WmsFaultType_FaultMessage"/>
</wsdl:operation>

```

3.8.4.20.1 Messages

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

| Message | Description |
|---|--|
| IMultiPointStation_SplitStation_InputMessage | This message requests that the server either split or unsplit the specified station. |
| IMultiPointStation_SplitStation_OutputMessage | Response message. |
| IMultiPointStation_SplitStation_WmsFaultType_FaultMessage | This message contains the internal server failure status code, if one occurs. |

3.8.4.20.1.1 IMultiPointStation_SplitStation_InputMessage Message

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

The SOAP action value is as follows:

```

http://MultiPoint/RemoteManagement/IMultiPointStation/SplitStation
<wsdl:message name="IMultiPointStation_SplitStation_InputMessage">
  <wsdl:part name="SplitStation" element="tns:SplitStation"/>
</wsdl:message>

```

3.8.4.20.1.2 IMultiPointStation_SplitStation_OutputMessage Message

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

The SOAP action value is as follows:

```

http://MultiPoint/RemoteManagement/IMultiPointStation/SplitStationResponse
<wsdl:message name="IMultiPointStation_SplitStation_OutputMessage">
  <wsdl:part name="SplitStationResponse" element="tns:SplitStationResponse"/>
</wsdl:message>

```

3.8.4.20.1.3 IMultiPointStation_SplitStation_WmsFaultType_FaultMessage Message

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

The SOAP action value is as follows:

```

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

```



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

3.8.4.20.2 Elements

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

| Element | Description |
|------------------------|----------------------------|
| <SplitStation> | An input parameter element |
| <SplitStationResponse> | An output data element |

3.8.4.20.2.1 SplitStation

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

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

eOperation: Contains the split action to be performed: 0 = split, or 1 = unsplit.

3.8.4.20.2.2 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>
```

</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/UnblockUsbStorageDevicesAllStationsResp
onse
<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 |
|--|----------------------------|
| <UnlockUsbStorageDevicesAllStations> | An input parameter element |
| <UnlockUsbStorageDevicesAllStationsResponse> | An output data element |

3.8.4.22.2.1 UnlockUsbStorageDevicesAllStations

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

3.8.4.22.2.2 UnlockUsbStorageDevicesAllStationsResponse

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

3.8.4.22.3 Complex Types

None.

3.8.4.23 UnlockUsbStorageDevices

The **UnlockUsbStorageDevices** 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="UnlockUsbStorageDevices">  
  <wsdl:input  
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/UnlockUsbStorageDevices"  
    name="IMultiPointStation_UnlockUsbStorageDevices_InputMessage"  
    message="tns:IMultiPointStation_UnlockUsbStorageDevices_InputMessage"/>  
  <wsdl:output  
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/UnlockUsbStorageDevicesRe  
    sponse" name="IMultiPointStation_UnlockUsbStorageDevices_OutputMessage"  
    message="tns:IMultiPointStation_UnlockUsbStorageDevices_OutputMessage"/>  
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"  
    message="tns:IMultiPointStation_UnlockUsbStorageDevices_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_UnlockUsbStorageDevices_InputMessage | This message requests the server to allow the specified station to access USB storage |

| Message | Description |
|---|---|
| | 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 |

| Message | Description |
|---------|-----------------------------|
| | 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 |

| Element | Description |
|--|------------------------|
| <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_OutputMessage Message

WSDL message containing the response for the **OnNewServerCertificateReady** WSDL operation.

The SOAP action value is:

```
http://MultiPoint/RemoteManagement/IMultiPointSystemOnlineEventSink/OnNewServerCertificateReady
<wsdl:message
name="IMultiPointSystemOnlineEventSink_OnNewServerCertificateReady_OutputMessage">
  <wsdl:part name="OnNewServerCertificateReadyResponse"
element="tns:OnNewServerCertificateReadyResponse"/>
</wsdl:message>
```

3.9.4.3.1.3 IMultiPointSystemOnlineEventSink_OnNewServerCertificateReady_WmsFaultType_FaultMessage Message

WSDL message containing a fault for the **OnNewServerCertificateReady** WSDL operation.

The SOAP action value is:

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

3.9.4.3.2 Elements

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

| Element | Description |
|---------------------------------------|----------------------------|
| <OnNewServerCertificateReady> | An input parameter element |
| <OnNewServerCertificateReadyResponse> | An output data element |

3.9.4.3.2.1 OnNewServerCertificateReady

```
<xsd:element name="OnNewServerCertificateReady">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="wsHostName" type="xsd:string" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

```
        <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.

3.9.4.3.2.2 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>
```

```

        <prgData>3</prgData>
        <prgData>11</prgData>
        <prgData>48</prgData>
        <!--..... -->
        <!--.....ppSslCertificate BLOB TRIMMED..... -->
        <!--..... -->
        <prgData>26</prgData>
        <prgData>93</prgData>
        <prgData>8</prgData>
        <prgData>254</prgData>
        <prgData>255</prgData>
    </ppSslCertificate>
</RequestSslCertificateResponse>
</soap:Body>
</soap:Envelope>

<!-- Client/Server Binding: RequestWmsControlCredentials() Request -->
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope"
xmlns:a="http://www.w3.org/2005/08/addressing" xmlns:u="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">
    <soap:Header>
        <a:Action
soap:mustUnderstand="1">http://MultiPoint/RemoteManagement/IMultiPointCredentialRequest/Reque
stWmsControlCredentials</a:Action>
        <a:MessageID>urn:uuid:cd280096-8400-4a52-81d6-94fe31bcbd65</a:MessageID>
        <a:ReplyTo>
            <a:Address>http://www.w3.org/2005/08/addressing/anonymous</a:Address>
        </a:ReplyTo>
        <a:To
soap:mustUnderstand="1">https://SampleServer.microsoft.com:8443/MultiPoint/IMultiPointCredent
ialRequest</a:To>
        <o:Security soap:mustUnderstand="1" xmlns:o="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd">
            <o:UsernameToken u:Id="uuid-b60d59a5-17c3-461d-bc22-7740bbf28418-149">
                <o:Username>Administrator</o:Username>
                <o:Password Type="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-
username-token-profile-1.0#PasswordText">]password</o:Password>
            </o:UsernameToken>
        </o:Security>
    </soap:Header>
    <soap:Body>
        <RequestWmsControlCredentials xmlns="http://MultiPoint"/>
    </soap:Body>
</soap:Envelope>

<!-- Client/Server Binding: RequestWmsControlCredentials() Response -->
<soap:Envelope xmlns:a="http://www.w3.org/2005/08/addressing"
xmlns:soap="http://www.w3.org/2003/05/soap-envelope">
    <soap:Header>
        <a:Action
soap:mustUnderstand="1">http://MultiPoint/RemoteManagement/IMultiPointCredentialRequest/Reque
stWmsControlCredentials</a:Action>
        <a:RelatesTo>urn:uuid:cd280096-8400-4a52-81d6-94fe31bcbd65</a:RelatesTo>
    </soap:Header>
    <soap:Body>
        <RequestWmsControlCredentialsResponse xmlns="http://MultiPoint">
            <pwsWmsControlPassword>]A
/+& ; {H|WehDf;w~B3?X?H$4Y< ;=g#& ;5</pwsWmsControlPassword>
        </RequestWmsControlCredentialsResponse>
    </soap:Body>
</soap:Envelope>

<!-- Client/Server Binding: SetSslCertificate () Request -->
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope"
xmlns:a="http://www.w3.org/2005/08/addressing" xmlns:u="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">
    <soap:Header>

```

```

    <a:Action
soap:mustUnderstand="1">http://MultiPoint/RemoteManagement/IMultiPointCredentialRequest/SetSslCertificate</a:Action>
    <a:MessageID>urn:uuid:a4864f84-b33e-4f64-8cc0-72092f52bf80</a:MessageID>
    <a:ReplyTo>
      <a:Address>http://www.w3.org/2005/08/addressing/anonymous</a:Address>
    </a:ReplyTo>
    <a:To
soap:mustUnderstand="1">https://SampleServer.microsoft.com:8443/MultiPoint/IMultiPointCredentialRequest</a:To>
    <o:Security soap:mustUnderstand="1" xmlns:o="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd">
      <o:UsernameToken u:Id="uuid-b60d59a5-17c3-461d-bc22-7740bbf28418-149">
        <o:Username>Administrator</o:Username>
        <o:Password Type="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-username-token-profile-1.0#PasswordText">]!!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/Always
ToRecipient">
              <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:sequence>
    </xsd:complexType>

```

```

        <xsd:element minOccurs="1" maxOccurs="1" name="WindowId" type="xsd:unsignedInt"
/>
        <xsd:element minOccurs="1" maxOccurs="1" name="CreateTime"
type="xsd:unsignedLong" />
    </xsd:sequence>
</xsd:complexType>

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

<!-- IMultiPointCertificateRequest -->

<!-- GetProtocolVersion ([out] DWORD *pProtocolVersion) -->
<xsd:element name="GetProtocolVersion">
    <xsd:complexType/>
</xsd:element>
<xsd:element name="GetProtocolVersionResponse">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="pProtocolVersion"
type="xsd:unsignedInt" />
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>

<!-- RequestSslCertificate ([out] DWORD *pSslPort, [out] BSTR
*pbstrSslCertificateThumbprint [out] BYTE **ppSslCertificate) -->
<xsd:element name="RequestSslCertificate">
    <xsd:complexType/>
</xsd:element>
<xsd:element name="RequestSslCertificateResponse">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="pSslPort"
type="xsd:unsignedInt" />
            <xsd:element minOccurs="1" maxOccurs="1" name="pwsSslCertificateThumbprint"
type="xsd:string" />
            <xsd:element minOccurs="1" maxOccurs="1" name="ppSslCertificate"
type="tns:ArrayOfBytes" />
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>

<!-- IMultiPointCredentialRequest -->

<!-- SetSslCertificate ([in] BSTR bstrHostName, [in] DWORD SslPort, [in] BSTR
bstrSslCertificateThumbprint, [in] BYTE *pSslCertificate) -->
<xsd:element name="SetSslCertificate">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="wsHostName" type="xsd:string" />
            <xsd:element minOccurs="1" maxOccurs="1" name="SslPort" type="xsd:unsignedInt"
/>
            <xsd:element minOccurs="1" maxOccurs="1" name="wsSslCertificateThumbprint"
type="xsd:string" />
            <xsd:element minOccurs="1" maxOccurs="1" name="pSslCertificate"
type="tns:ArrayOfBytes" />
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>
<xsd:element name="SetSslCertificateResponse">
    <xsd:complexType/>
</xsd:element>

<!-- RequestWmsControlCredentials ([out] BSTR *pbstrWmsControlPassword) -->

```

```

<xsd:element name="RequestWmsControlCredentials">
  <xsd:complexType/>
</xsd:element>
<xsd:element name="RequestWmsControlCredentialsResponse">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="pwsWmsControlPassword"
type="xsd:string" />
      <xsd:element minOccurs="1" maxOccurs="1" name="pwsWmsManagementPassword"
type="xsd:string" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>

<!-- IMultiPointSystemOnlineEventSink -->
<!-- OnManagedServerOfflineNotify([in] WS_STRING wsWmsSystemHostName) -->
<xsd:element name="OnManagedServerOfflineNotify">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="wsWmsSystemHostName"
type="xsd:string" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="OnManagedServerOfflineNotifyResponse">
  <xsd:complexType/>
</xsd:element>

<!-- OnManagedServerOnlineNotify([in] WS_STRING wsWmsSystemHostName, [in] WS_STRING
wsWmsSystemIpAddress) -->
<xsd:element name="OnManagedServerOnlineNotify">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="wsWmsSystemHostName"
type="xsd:string" />
      <xsd:element minOccurs="1" maxOccurs="1" name="wsWmsSystemIpAddress"
type="xsd:string" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="OnManagedServerOnlineNotifyResponse">
  <xsd:complexType/>
</xsd:element>

<!-- OnNewServerCertificateReady ([in] BSTR bstrHostName, [in] BYTE
*pSslCertificate) -->
<xsd:element name="OnNewServerCertificateReady">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="wsHostName" type="xsd:string"
/>
      <xsd:element minOccurs="1" maxOccurs="1" name="pSslCertificate"
type="tns:ArrayOfBytes" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="OnNewServerCertificateReadyResponse">
  <xsd:complexType/>
</xsd:element>

<!-- IMultiPointServer -->

<!-- EnumerateUsers ( Out_ unsigned int* pcWmsUsersWs,
_Outptr_result_buffer_( *pcWmsUsersWs) WMS_USER_WS** pprgWmsUsersWs) -->
<xsd:element name="EnumerateUsers">
  <xsd:complexType/>
</xsd:element>
<xsd:element name="EnumerateUsersResponse">
  <xsd:complexType>
    <xsd:sequence>

```

```

        <xsd:element minOccurs="1" maxOccurs="1" name="pprgWmsUsersWs"
type="tns:ArrayOfWMS_USER_WS" />
    </xsd:sequence>
</xsd:complexType>
</xsd:element>

    <!-- GetAllSessions ([out] int * pcSessionInfo, [out, size_is(*pcSessionInfo)]
WMS_SESSION_INFO ** pprgWmsSessionInfo) -->
    <xsd:element name="GetAllSessions">
        <xsd:complexType/>
    </xsd:element>
    <xsd:element name="GetAllSessionsResponse">
        <xsd:complexType>
            <xsd:sequence>
                <xsd:element minOccurs="1" maxOccurs="1" name="pcSessionInfo" type="xsd:int"
/>
                <xsd:element minOccurs="1" maxOccurs="1" name="pprgWmsSessionInfoWs"
type="tns:ArrayOfWMS_SESSION_INFO_WS" />
            </xsd:sequence>
        </xsd:complexType>
    </xsd:element>

    <!-- GetClientVersion (_Out_ WS_STRING* pwsVersion) -->
    <xsd:element name="GetClientVersion">
        <xsd:complexType/>
    </xsd:element>
    <xsd:element name="GetClientVersionResponse">
        <xsd:complexType>
            <xsd:sequence>
                <xsd:element minOccurs="0" maxOccurs="1" name="pwsVersion" type="xsd:string"
/>
            </xsd:sequence>
        </xsd:complexType>
    </xsd:element>

    <!-- GetServerVersion (_Out_ WS_STRING* pwsVersion) -->
    <xsd:element name="GetServerVersion">
        <xsd:complexType/>
    </xsd:element>
    <xsd:element name="GetServerVersionResponse">
        <xsd:complexType>
            <xsd:sequence>
                <xsd:element minOccurs="0" maxOccurs="1" name="pwsVersion" type="xsd:string"
/>
            </xsd:sequence>
        </xsd:complexType>
    </xsd:element>

    <!-- GetPeerWmsServerList ([out] VARIANT * pIpAddressList, [out, retval] VARIANT *
pServerList) -->
    <xsd:element name="GetPeerWmsServerList">
        <xsd:complexType/>
    </xsd:element>
    <xsd:element name="GetPeerWmsServerListResponse">
        <xsd:complexType>
            <xsd:sequence>
                <xsd:element minOccurs="0" maxOccurs="1" name="prgwsIpAddressList"
type="tns:ArrayOfStrings" />
                <xsd:element minOccurs="0" maxOccurs="1" name="prgwsServerList"
type="tns:ArrayOfStrings" />
            </xsd:sequence>
        </xsd:complexType>
    </xsd:element>

    <!-- GetPeerWmsConnectorList ([out] VARIANT * pIpAddressList, [out, retval] VARIANT
* pConnectorList) -->
    <xsd:element name="GetPeerWmsConnectorList">
        <xsd:complexType/>
    </xsd:element>
    <xsd:element name="GetPeerWmsConnectorListResponse">

```

```

        <xsd:complexType>
            <xsd:sequence>
                <xsd:element minOccurs="0" maxOccurs="1" name="prgwsIpAddressList"
type="tns:ArrayOfStrings" />
                <xsd:element minOccurs="0" maxOccurs="1" name="prgwsConnectorList"
type="tns:ArrayOfStrings" />
            </xsd:sequence>
        </xsd:complexType>
    </xsd:element>

    <!-- 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: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:element minOccurs="1" maxOccurs="1" name="pwsWmsControlPassword"
type="xsd:string" />
            <xsd:element minOccurs="1" maxOccurs="1" name="pwsWmsManagementPassword"
type="xsd:string" />
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>

    <!-- Reboot (void) -->
    <xsd:element name="Reboot">
        <xsd:complexType/>
    </xsd:element>
    <xsd:element name="RebootResponse">
        <xsd:complexType/>
    </xsd:element>

    <!-- RegisterChatEventSink ([in] BSTR bstrUriSinkEndpoint, [in] BSTR
bstrServerName, [in] DWORD idSession, [in] BSTR bstrTeacherName, [out, retval] ULONGLONG*
pullCookie) -->
    <xsd:element name="RegisterChatEventSink">
        <xsd:complexType>
            <xsd:sequence>
                <xsd:element minOccurs="1" maxOccurs="1" name="bstrUriSinkEndpoint"
type="xsd:string" />
                <xsd:element minOccurs="1" maxOccurs="1" name="bstrServerName"
type="xsd:string" />
                <xsd:element minOccurs="1" maxOccurs="1" name="idSession"
type="xsd:unsignedInt" />
                <xsd:element minOccurs="1" maxOccurs="1" name="bstrTeacherName"
type="xsd:string" />
            </xsd:sequence>
        </xsd:complexType>
    </xsd:element>
    <xsd:element name="RegisterChatEventSinkResponse">
        <xsd:complexType>
            <xsd:sequence>
                <xsd:element minOccurs="0" maxOccurs="1" name="pullCookie"
type="xsd:unsignedLong" />
            </xsd:sequence>
        </xsd:complexType>
    </xsd:element>

    <!-- RegisterCoreEventSink ([in] BSTR bstrUriSinkEndpoint, [out, retval] ULONGLONG*
pullCookie) -->
    <xsd:element name="RegisterCoreEventSink">
        <xsd:complexType>
            <xsd:sequence>
                <xsd:element minOccurs="1" maxOccurs="1" name="bstrUriSinkEndpoint"
type="xsd:string" />
            </xsd:sequence>
        </xsd:complexType>
    </xsd:element>
    <xsd:element name="RegisterCoreEventSinkResponse">
        <xsd:complexType>

```

```

        <xsd:sequence>
          <xsd:element minOccurs="0" maxOccurs="1" name="pullCookie"
type="xsd:unsignedLong" />
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>

    <!-- Shutdown (void) -->
    <xsd:element name="Shutdown">
      <xsd:complexType/>
    </xsd:element>
    <xsd:element name="ShutdownResponse">
      <xsd:complexType/>
    </xsd:element>

    <!-- UnregisterChatEventSink ([in] ULONGLONG ullCookie) -->
    <xsd:element name="UnregisterChatEventSink">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element minOccurs="1" maxOccurs="1" name="ullCookie"
type="xsd:unsignedLong" />
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="UnregisterChatEventSinkResponse">
      <xsd:complexType/>
    </xsd:element>

    <!-- UnregisterCoreEventSink ([in] ULONGLONG ullCookie) -->
    <xsd:element name="UnregisterCoreEventSink">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element minOccurs="1" maxOccurs="1" name="ullCookie"
type="xsd:unsignedLong" />
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="UnregisterCoreEventSinkResponse">
      <xsd:complexType/>
    </xsd:element>

    <xsd:element name="AddUser">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element minOccurs="1" maxOccurs="1" name="wsName" type="xsd:string" />
          <xsd:element minOccurs="1" maxOccurs="1" name="wsPassword" nillable="true"
type="xsd:string" />
          <xsd:element minOccurs="1" maxOccurs="1" name="eType" type="xsd:unsignedInt"
/>
          <xsd:element minOccurs="1" maxOccurs="1" name="wsFullName" nillable="true"
type="xsd:string" />
          <xsd:element minOccurs="1" maxOccurs="1" name="wsDescription" nillable="true"
type="xsd:string" />
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="AddUserResponse">
      <xsd:complexType/>
    </xsd:element>

    <xsd:element name="EnableChat">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element minOccurs="1" maxOccurs="1" name="fEnable" type="xsd:boolean" />
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="EnableChatResponse">
      <xsd:complexType/>
    </xsd:element>

```

```

<xsd:element name="GetLicenseCount">
  <xsd:complexType/>
</xsd:element>
<xsd:element name="GetLicenseCountResponse">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="pcLicenses"
type="xsd:unsignedInt" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>

<xsd:element name="GetManagedSystemsType">
  <xsd:complexType/>
</xsd:element>
<xsd:element name="GetManagedSystemsTypeResponse">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="pEWmsRemoteManagementHostType"
type="xsd:unsignedInt" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>

<xsd:element name="GetNetJoinStatus">
  <xsd:complexType/>
</xsd:element>
<xsd:element name="GetNetJoinStatusResponse">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="peNetJoinStatus"
type="xsd:unsignedInt" />
      <xsd:element minOccurs="1" maxOccurs="1" name="pwsDomainName"
type="xsd:string" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>

<xsd:element name="GetVirtualMachineHostname">
  <xsd:complexType/>
</xsd:element>
<xsd:element name="GetVirtualMachineHostnameResponse">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="pwsVirtualMachineHostname"
type="xsd:string" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>

<xsd:element name="GetWmsWebLimiting">
  <xsd:complexType/>
</xsd:element>
<xsd:element name="GetWmsWebLimitingResponse">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="pfIsInLimiting"
type="xsd:boolean" />
      <xsd:element minOccurs="1" maxOccurs="1" name="pfIsAllowList"
type="xsd:boolean" />
      <xsd:element minOccurs="1" maxOccurs="1" name="pwsAllowList"
type="xsd:string" />
      <xsd:element minOccurs="1" maxOccurs="1" name="pwsBlockList"
type="xsd:string" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>

<xsd:element name="IsBootToConsoleMode">

```



```

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

    <xsd:element name="IsAdminOrchestrationMode">
        <xsd:complexType/>
    </xsd:element>
    <xsd:element name="IsAdminOrchestrationModeResponse">
        <xsd:complexType>
            <xsd:sequence>
                <xsd:element minOccurs="1" maxOccurs="1" name="pfAdminOrchestrationMode"
type="xsd:boolean" />
            </xsd:sequence>
        </xsd:complexType>
    </xsd:element>

    <xsd:element name="IsChatEnabled">
        <xsd:complexType/>
    </xsd:element>
    <xsd:element name="IsChatEnabledResponse">
        <xsd:complexType>
            <xsd:sequence>
                <xsd:element minOccurs="1" maxOccurs="1" name="pfEnabled" type="xsd:boolean"
/>
            </xsd:sequence>
        </xsd:complexType>
    </xsd:element>

    <xsd:element name="IsDesktopMonitoringAllowed">
        <xsd:complexType/>
    </xsd:element>
    <xsd:element name="IsDesktopMonitoringAllowedResponse">
        <xsd:complexType>
            <xsd:sequence>
                <xsd:element minOccurs="1" maxOccurs="1" name="pfDesktopMonitoringAllowed"
type="xsd:boolean" />
            </xsd:sequence>
        </xsd:complexType>
    </xsd:element>

    <xsd:element name="IsHypervisorPresent">
        <xsd:complexType/>
    </xsd:element>
    <xsd:element name="IsHypervisorPresentResponse">
        <xsd:complexType>
            <xsd:sequence>
                <xsd:element minOccurs="1" maxOccurs="1" name="pfHypervisorPresent"
type="xsd:boolean" />
            </xsd:sequence>
        </xsd:complexType>
    </xsd:element>

    <xsd:element name="IsSingleSessionPerUser">
        <xsd:complexType/>
    </xsd:element>
    <xsd:element name="IsSingleSessionPerUserResponse">
        <xsd:complexType>
            <xsd:sequence>
                <xsd:element minOccurs="1" maxOccurs="1" name="pfSingleSessionPerUser"
type="xsd:boolean" />
            </xsd:sequence>
        </xsd:complexType>
    </xsd:element>

```

```

<xsd:element name="IsSuppressPrivacyNotificationSet">
  <xsd:complexType/>
</xsd:element>
<xsd:element name="IsSuppressPrivacyNotificationSetResponse">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1"
name="pfSuppressPrivacyNotificationSet" type="xsd:boolean" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>

<xsd:element name="IsVirtualIpPerSessionEnabled">
  <xsd:complexType/>
</xsd:element>
<xsd:element name="IsVirtualIpPerSessionEnabledResponse">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="pfEnabled" type="xsd:boolean"
/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>

<xsd:element name="LoadWindowsEdition">
  <xsd:complexType/>
</xsd:element>
<xsd:element name="LoadWindowsEditionResponse">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="pwsWindowsEdition"
type="xsd:string" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>

<xsd:element name="RemoveUser">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="wsName" type="xsd:string" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="RemoveUserResponse">
  <xsd:complexType/>
</xsd:element>

<xsd:element name="SetBlockAllMessage">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="wsMessage" nillable="true"
type="xsd:string" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="SetBlockAllMessageResponse">
  <xsd:complexType/>
</xsd:element>

<xsd:element name="SetBootToConsoleMode">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="fEnable" type="xsd:boolean" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="SetBootToConsoleModeResponse">
  <xsd:complexType/>
</xsd:element>

```

```

<xsd:element name="SetAdminOrchestrationMode">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="fEnable" type="xsd:boolean" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="SetAdminOrchestrationModeResponse">
  <xsd:complexType/>
</xsd:element>

<xsd:element name="SetSuppressPrivacyNotification">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="fEnable" type="xsd:boolean" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="SetSuppressPrivacyNotificationResponse">
  <xsd:complexType/>
</xsd:element>

<xsd:element name="SetUserInfo">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="peType" nillable="true"
type="xsd:unsignedInt" />
      <xsd:element minOccurs="1" maxOccurs="1" name="wsName" type="xsd:string" />
      <xsd:element minOccurs="1" maxOccurs="1" name="wsFullName" nillable="true"
type="xsd:string" />
      <xsd:element minOccurs="1" maxOccurs="1" name="wsPassword" nillable="true"
type="xsd:string" />
      <xsd:element minOccurs="1" maxOccurs="1" name="wsDescription" nillable="true"
type="xsd:string" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="SetUserInfoResponse">
  <xsd:complexType/>
</xsd:element>

<xsd:element name="ValidateAutoLogonAccount">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="wsDomain" type="xsd:string" />
      <xsd:element minOccurs="1" maxOccurs="1" name="wsUserName" type="xsd:string"
/>
      <xsd:element minOccurs="1" maxOccurs="1" name="wsPassword" type="xsd:string"
/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="ValidateAutoLogonAccountResponse">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="eAccountStatus"
type="xsd:unsignedInt" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>

<xsd:element name="EnableVirtualIpPerSession">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="fEnable" type="xsd:boolean" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="EnableVirtualIpPerSessionResponse">

```

```

    <xsd:complexType/>
  </xsd:element>

  <xsd:element name="SetDesktopMonitoring">
    <xsd:complexType>
      <xsd:sequence>
        <xsd:element minOccurs="1" maxOccurs="1" name="fEnable" type="xsd:boolean" />
      </xsd:sequence>
    </xsd:complexType>
  </xsd:element>
  <xsd:element name="SetDesktopMonitoringResponse">
    <xsd:complexType/>
  </xsd:element>

  <xsd:element name="SetSingleSessionPerUser">
    <xsd:complexType>
      <xsd:sequence>
        <xsd:element minOccurs="1" maxOccurs="1" name="fEnable" type="xsd:boolean" />
      </xsd:sequence>
    </xsd:complexType>
  </xsd:element>
  <xsd:element name="SetSingleSessionPerUserResponse">
    <xsd:complexType/>
  </xsd:element>

  <!-- GetReplacementSslCertificate ([out] BYTE **ppNewSslServerCert) -->
  <xsd:element name="GetReplacementSslCertificate">
    <xsd:complexType/>
  </xsd:element>
  <xsd:element name="GetReplacementSslCertificateResponse">
    <xsd:complexType>
      <xsd:sequence>
        <xsd:element minOccurs="1" maxOccurs="1" name="ppSslCertificate"
type="tns:ArrayOfBytes" />
      </xsd:sequence>
    </xsd:complexType>
  </xsd:element>

  <!-- SetReplacementSslCertificate ([in] BSTR wsFqdnManagingServer, [in] BYTE
*pNewSslServerCert) -->
  <xsd:element name="SetReplacementSslCertificate">
    <xsd:complexType>
      <xsd:sequence>
        <xsd:element minOccurs="1" maxOccurs="1" name="wsFqdnManagingServer"
type="xsd:string" />
        <xsd:element minOccurs="1" maxOccurs="1" name="pSslCertificate"
type="tns:ArrayOfBytes" />
      </xsd:sequence>
    </xsd:complexType>
  </xsd:element>
  <xsd:element name="SetReplacementSslCertificateResponse">
    <xsd:complexType/>
  </xsd:element>

  <xsd:element name="GetUseHardwareGpu">
    <xsd:complexType/>
  </xsd:element>
  <xsd:element name="GetUseHardwareGpuResponse">
    <xsd:complexType>
      <xsd:sequence>
        <xsd:element minOccurs="1" maxOccurs="1" name="pfUseHardwareGpu"
type="xsd:boolean" />
      </xsd:sequence>
    </xsd:complexType>
  </xsd:element>

  <xsd:element name="SetUseHardwareGpu">
    <xsd:complexType>
      <xsd:sequence>

```

```

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

<!-- IMultiPointStation -->

<!-- GetNextStationIdentifier ([in] DWORD idStation, [out, retval] DWORD*
pidNextStation) -->
<xsd:element name="GetNextStationIdentifier">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="idStation"
type="xsd:unsignedInt" />
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>
<xsd:element name="GetNextStationIdentifierResponse">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="0" maxOccurs="1" name="pidNextStation"
type="xsd:unsignedInt" />
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>

<!-- GetStationAlertStatus ([in] DWORD idStation, [in] EStationAlertType eType,
[out] EAlertSeverity* peSeverity, [out, retval] EAlertStatus* peStatus) -->
<xsd:element name="GetStationAlertStatus">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="idStation"
type="xsd:unsignedInt" />
            <xsd:element minOccurs="1" maxOccurs="1" name="eType" type="xsd:unsignedInt"
/>
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>
<xsd:element name="GetStationAlertStatusResponse">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="0" maxOccurs="1" name="peSeverity"
type="xsd:unsignedInt" />
            <xsd:element minOccurs="0" maxOccurs="1" name="peStatus"
type="xsd:unsignedInt" />
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>

<!-- GetStationAutoLogonInformation ([in] DWORD idStation, [out]
EAutoLogonConfiguration* peConfiguration, [out] BSTR* pbstrUserName, [out] BSTR*
pbstrDomain) -->
<xsd:element name="GetStationAutoLogonInformation">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="idStation"
type="xsd:unsignedInt" />
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>
<xsd:element name="GetStationAutoLogonInformationResponse">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="0" maxOccurs="1" name="peConfiguration"
type="xsd:unsignedInt" />

```

```

        <xsd:element minOccurs="0" maxOccurs="1" name="pbstrUserName"
type="xsd:string" />
        <xsd:element minOccurs="0" maxOccurs="1" name="pbstrDomain" type="xsd:string"
/>
    </xsd:sequence>
</xsd:complexType>
</xsd:element>

<!-- GetStationDeviceInformation ([in] DWORD idStation, [in] EDeviceType eType,
[out, retval] DWORD* pdwDeviceCount) -->
<xsd:element name="GetStationDeviceInformation">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="idStation"
type="xsd:unsignedInt" />
            <xsd:element minOccurs="1" maxOccurs="1" name="eType" type="xsd:unsignedInt"
/>
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>
<xsd:element name="GetStationDeviceInformationResponse">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="0" maxOccurs="1" name="pdwDeviceCount"
type="xsd:unsignedInt" />
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>

<!-- GetStationFriendlyName ([in] DWORD idStation, [out, retval] BSTR*
pbstrFriendlyName) -->
<xsd:element name="GetStationFriendlyName">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="idStation"
type="xsd:unsignedInt" />
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>
<xsd:element name="GetStationFriendlyNameResponse">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="0" maxOccurs="1" name="pwsFriendlyName"
type="xsd:string" />
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>

<!-- GetStationInformation ([in] DWORD idStation, [out] DWORD* pidSession, [out]
BSTR * pbstrSessionHost, [out] BSTR * pbstrVirtualMachineId, [out] EIdentifyStationState*
peIdentifyStationState, [out, retval] EStationState* peState) -->
<xsd:element name="GetStationInformation">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="idStation"
type="xsd:unsignedInt" />
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>
<xsd:element name="GetStationInformationResponse">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="0" maxOccurs="1" name="pidSession"
type="xsd:unsignedInt" />
            <xsd:element minOccurs="0" maxOccurs="1" name="pwsSessionHost"
type="xsd:string" />
            <xsd:element minOccurs="0" maxOccurs="1" name="pwsVirtualMachineId"
type="xsd:string" />
            <xsd:element minOccurs="0" maxOccurs="1" name="peIdentifyStationState"
type="xsd:unsignedInt" />
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>

```

```

        <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>
  <!-- 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>

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    </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>

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```

        <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>

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        </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>

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        <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">

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        <xsd:complexType>
          <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="idSession"
type="xsd:unsignedInt" />
          </xsd:sequence>
        </xsd:complexType>
      </xsd:element>
      <xsd:element name="GetSessionRunningAppsResponse">
        <xsd:complexType>
          <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="pprgwsWmsRunningAppWs"
type="tns:ArrayOfWMS_RUNNING_APP_WS" />
          </xsd:sequence>
        </xsd:complexType>
      </xsd:element>

      <!-- GetThumbnailBits([in] DWORD idSession, [in] EOrchestrationThumbnailSize
eBitmapSize, [out] int* pcbDataBits, [out, size_is(*pcbDataBits)] byte **ppbDataBits) --
>
      <xsd:element name="GetThumbnailBits">
        <xsd:complexType>
          <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="idSession"
type="xsd:unsignedInt" />
            <xsd:element minOccurs="1" maxOccurs="1" name="eBitmapSize"
type="xsd:unsignedInt" />
          </xsd:sequence>
        </xsd:complexType>
      </xsd:element>
      <xsd:element name="GetThumbnailBitsResponse">
        <xsd:complexType>
          <xsd:sequence>
            <xsd:element minOccurs="0" maxOccurs="1" name="ppbDataBits"
type="xsd:base64Binary" xmlns: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>

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    <xsd:element name="GetSessionFlagsResponse">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element minOccurs="0" maxOccurs="1" name="pgrfSession"
type="xsd:unsignedInt" />
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>

    <!-- LockSession([in] DWORD idSession, [in] BSTR bstrLockMessage) -->
    <xsd:element name="LockSession">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element minOccurs="1" maxOccurs="1" name="idSession"
type="xsd:unsignedInt" />
          <xsd:element minOccurs="1" maxOccurs="1" name="wsLockMessage"
type="xsd:string" />
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="LockSessionResponse">
      <xsd:complexType/>
    </xsd:element>

    <!-- LogOffSession([in] DWORD idSession) -->
    <xsd:element name="LogOffSession">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element minOccurs="1" maxOccurs="1" name="idSession"
type="xsd:unsignedInt" />
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="LogOffSessionResponse">
      <xsd:complexType/>
    </xsd:element>

    <!-- RunFileSession([in] DWORD idSession, [in] BSTR bstrFileToRun, [out] DWORD
*pdwResult) -->
    <xsd:element name="RunFileSession">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element minOccurs="1" maxOccurs="1" name="idSession"
type="xsd:unsignedInt" />
          <xsd:element minOccurs="1" maxOccurs="1" name="wsFileToRun" type="xsd:string"
/>
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="RunFileSessionResponse">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element minOccurs="0" maxOccurs="1" name="pdwResult"
type="xsd:unsignedInt" />
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>

    <!-- ShareDesktop([in] DWORD idSession, [in] BOOL fRemoteControl, [in] int
iMaxViewers, [in] BSTR bstrTeacherName, [out] BSTR *pbstrInvitation) -->
    <xsd:element name="ShareDesktop">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element minOccurs="1" maxOccurs="1" name="idSession"
type="xsd:unsignedInt" />
          <xsd:element minOccurs="0" maxOccurs="1" name="eMode" type="xsd:unsignedInt"
/>
          <xsd:element minOccurs="1" maxOccurs="1" name="iMaxViewers" type="xsd:int" />
          <xsd:element minOccurs="0" maxOccurs="1" name="wsTeacherName"
type="xsd:string" />
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>

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        </xsd:sequence>
    </xsd:complexType>
</xsd:element>
<xsd:element name="ShareDesktopResponse">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="0" maxOccurs="1" name="pwsInvitation"
type="xsd:string" />
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>

<!-- StopIdentifyingSession ([in] DWORD idSession) -->
<xsd:element name="StopIdentifyingSession">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="idSession"
type="xsd:unsignedInt" />
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>
<xsd:element name="StopIdentifyingSessionResponse">
    <xsd:complexType/>
</xsd:element>

<!-- StopLockingSession([in] DWORD idSession) -->
<xsd:element name="StopLockingSession">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="idSession"
type="xsd:unsignedInt" />
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>
<xsd:element name="StopLockingSessionResponse">
    <xsd:complexType/>
</xsd:element>

<!-- StopShareDesktop([in] DWORD idSession) -->
<xsd:element name="StopShareDesktop">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="idSession"
type="xsd:unsignedInt" />
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>
<xsd:element name="StopShareDesktopResponse">
    <xsd:complexType/>
</xsd:element>

<!-- ViewDesktop([in] DWORD idSession, [in] BSTR bstrInvitation, [in] BSTR
bstrTitle) -->
<xsd:element name="ViewDesktop">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="idSession"
type="xsd:unsignedInt" />
            <xsd:element minOccurs="0" maxOccurs="1" name="eMode" type="xsd:unsignedInt"
/>
            <xsd:element minOccurs="0" maxOccurs="1" name="wsInvitation"
type="xsd:string" />
            <xsd:element minOccurs="0" maxOccurs="1" name="wsTitle" type="xsd:string" />
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>
<xsd:element name="ViewDesktopResponse">
    <xsd:complexType/>
</xsd:element>

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

    <xsd:element name="LogOffConsoleSession">
      <xsd:complexType/>
    </xsd:element>
    <xsd:element name="LogOffConsoleSessionResponse">
      <xsd:complexType/>
    </xsd:element>

    <!-- IMultiPointDiskProtection -->

    <!-- GetFreeSpaceNeeded ([out] ULONGLONG * pullFreeSpaceNeeded) -->
    <xsd:element name="GetFreeSpaceNeeded">
      <xsd:complexType />
    </xsd:element>
    <xsd:element name="GetFreeSpaceNeededResponse">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element minOccurs="1" maxOccurs="1" name="pullFreeSpaceNeeded"
type="xsd:unsignedLong" />
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>

    <!-- GetMode ([out] EDiskProtectionMode *pdpm) -->
    <xsd:element name="GetMode">
      <xsd:complexType />
    </xsd:element>
    <xsd:element name="GetModeResponse">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element minOccurs="1" maxOccurs="1" name="pdpm" type="xsd:unsignedInt"
/>
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>

    <!-- GetScheduledUpdateSettings ([out] EScheduledUpdateMode *peMode, [out] DWORD
*piScheduledUpdateStartHour, [out] BSTR *pbstrCustomScriptFullPath, [out] DWORD
*pcMaxMinutesAllowedForCustomScript, [out] EScheduleUpdatesReturnState *peReturnState) --
>
    <xsd:element name="GetScheduledUpdateSettings">
      <xsd:complexType />
    </xsd:element>
    <xsd:element name="GetScheduledUpdateSettingsResponse">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element minOccurs="1" maxOccurs="1" name="peMode" type="xsd:unsignedInt"
/>
          <xsd:element minOccurs="1" maxOccurs="1" name="piScheduledUpdateStartHour"
type="xsd:unsignedInt" />
          <xsd:element minOccurs="1" maxOccurs="1" name="pwsCustomScriptFullPath"
type="xsd:string" />
          <xsd:element minOccurs="1" maxOccurs="1"
name="pcMaxMinutesAllowedForCustomScript" type="xsd:unsignedInt" />
          <xsd:element minOccurs="1" maxOccurs="1" name="peReturnState"
type="xsd:unsignedInt" />

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

<!-- Install (void) -->
<xsd:element name="Install">
    <xsd:complexType />
</xsd:element>
<xsd:element name="InstallResponse">
    <xsd:complexType/>
</xsd:element>

<!-- IsInstalled ([out] BOOL *pfIsInstalled) -->
<xsd:element name="IsInstalled">
    <xsd:complexType />
</xsd:element>
<xsd:element name="IsInstalledResponse">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="pfIsInstalled"
type="xsd:boolean" />
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>

<!-- SetMode ([in] EDiskProtectionMode dpm) -->
<xsd:element name="SetMode">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="dpm" type="xsd:unsignedInt" />
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>
<xsd:element name="SetModeResponse">
    <xsd:complexType />
</xsd:element>

<!-- SetScheduledUpdateSettings ([in] EScheduledUpdateMode eMode, [in,
range(iHourMinScheduledUpdateStartTime,iHourMaxScheduledUpdateStartTime)] DWORD
iScheduledUpdateStartHour, [in] BSTR bstrCustomScriptFullPath, [in,
range(cMinutesMinScriptRunTime,cMinutesMaxScriptRunTime)] DWORD
cMaxMinutesAllowedForCustomScript, [in] EScheduleUpdatesReturnState eReturnState) -->
    <xsd:element name="SetScheduledUpdateSettings">
        <xsd:complexType>
            <xsd:sequence>
                <xsd:element minOccurs="1" maxOccurs="1" name="eMode" type="xsd:unsignedInt"
/>
                <xsd:element minOccurs="1" maxOccurs="1" name="iScheduledUpdateStartHour"
type="xsd:unsignedInt" />
                <xsd:element minOccurs="1" maxOccurs="1" name="wsCustomScriptFullPath"
type="xsd:string" />
                <xsd:element minOccurs="1" maxOccurs="1"
name="cMaxMinutesAllowedForCustomScript" type="xsd:unsignedInt" />
                <xsd:element minOccurs="1" maxOccurs="1" name="eReturnState"
type="xsd:unsignedInt" />
            </xsd:sequence>
        </xsd:complexType>
    </xsd:element>
<xsd:element name="SetScheduledUpdateSettingsResponse">
    <xsd:complexType/>
</xsd:element>

<!-- Uninstall ([in] EUninstallDiskProtectionStage udps) -->
<xsd:element name="Uninstall">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="udps" type="xsd:unsignedInt"
/>
        </xsd:sequence>
    </xsd:complexType>

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```

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

<!-- IMultiPointChat -->

<!-- Connect ([in] BSTR bstrTeacherUserName, [in] GUID guidTeacherChat) -->
<xsd:element name="Connect">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="wsTeacherUserName"
type="xsd:string" />
      <xsd:element minOccurs="1" maxOccurs="1" name="guidDestChatId"
type="tns:guid" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="ConnectResponse">
  <xsd:complexType/>
</xsd:element>

<!-- Disconnect ([in] GUID guidDestChatId) -->
<xsd:element name="Disconnect">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="guidDestChatId"
type="tns:guid" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="DisconnectResponse">
  <xsd:complexType/>
</xsd:element>

<!-- GetChatId ([in] BSTR bstrTeacherServerName, [in] DWORD idTeacherSession, [in]
BSTR bstrTeacherUserName, [in] DWORD idStudentSession, [out] GUID *pguidStudentChat) -->
<xsd:element name="GetChatId">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="wsTeacherServerName"
type="xsd:string" />
      <xsd:element minOccurs="1" maxOccurs="1" name="idTeacherSession"
type="xsd:unsignedInt" />
      <xsd:element minOccurs="1" maxOccurs="1" name="wsTeacherUserName"
type="xsd:string" />
      <xsd:element minOccurs="1" maxOccurs="1" name="idStudentSession"
type="xsd:unsignedInt" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="GetChatIdResponse">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="0" maxOccurs="1" name="pguidStudentChat"
type="tns:guid" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>

<!-- HRESULT Ping() -->
<xsd:element name="Ping">
  <xsd:complexType/>
</xsd:element>
<xsd:element name="PingResponse">
  <xsd:complexType/>
</xsd:element>

<!-- HRESULT SendError([in] GUID guidDestChatId, [in] HRESULT hrError, [in] BSTR
bstrErrorMsg) -->

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

        <!-- SendMsg ([in] BSTR bstrMessage, [in] GUID guidDestChatId) -->
        <xsd:element name="SendMsg">
            <xsd:complexType>
                <xsd:sequence>
                    <xsd:element minOccurs="1" maxOccurs="1" name="wsMessage" type="xsd:string"
/>
                    <xsd:element minOccurs="1" maxOccurs="1" name="guidDestChatId"
type="tns:guid" />
                </xsd:sequence>
            </xsd:complexType>
        </xsd:element>
        <xsd:element name="SendMsgResponse">
            <xsd:complexType/>
        </xsd:element>

        <!-- IMultiPointCoreEventSink -->
        <!-- OnAssociateSessionWithStation([in] DWORD idStation, [in] DWORD idSession, [in]
BSTR bstrServerName, [in] BSTR bstrVirtualMachineId) -->
        <xsd:element name="OnAssociateSessionWithStation">
            <xsd:complexType>
                <xsd:sequence>
                    <xsd:element minOccurs="1" maxOccurs="1" name="idStation"
type="xsd:unsignedInt" />
                    <xsd:element minOccurs="1" maxOccurs="1" name="idSession"
type="xsd:unsignedInt" />
                    <xsd:element minOccurs="1" maxOccurs="1" name="wsServerName" nillable="true"
type="xsd:string" />
                    <xsd:element minOccurs="1" maxOccurs="1" name="wsVirtualMachineId"
nillable="true" type="xsd:string" />
                </xsd:sequence>
            </xsd:complexType>
        </xsd:element>
        <xsd:element name="OnAssociateSessionWithStationResponse">
            <xsd:complexType/>
        </xsd:element>

        <!-- OnBeginIdentifySession([in] DWORD idSession) -->
        <xsd:element name="OnBeginIdentifySession">
            <xsd:complexType>
                <xsd:sequence>
                    <xsd:element minOccurs="1" maxOccurs="1" name="idSession"
type="xsd:unsignedInt" />
                </xsd:sequence>
            </xsd:complexType>
        </xsd:element>
        <xsd:element name="OnBeginIdentifySessionResponse">
            <xsd:complexType/>
        </xsd:element>

        <!-- OnBeginIdentifyStation([in] DWORD idStation) -->
        <xsd:element name="OnBeginIdentifyStation">
            <xsd:complexType>
                <xsd:sequence>

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

<!-- OnBootToConsoleModeChange([in] BOOL fBootToConsoleModeEnabled) -->
<xsd:element name="OnBootToConsoleModeChange">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="fBootToConsoleModeEnabled"
type="xsd:boolean" />
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>
<xsd:element name="OnBootToConsoleModeChangeResponse">
    <xsd:complexType/>
</xsd:element>

<!-- OnConfigureStation([in] DWORD idStation) -->
<xsd:element name="OnConfigureStation">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="idStation"
type="xsd:unsignedInt" />
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>
<xsd:element name="OnConfigureStationResponse">
    <xsd:complexType/>
</xsd:element>

<!-- OnDesktopMonitoringChange([in] BOOL fDesktopMonitoringEnabled) -->
<xsd:element name="OnDesktopMonitoringChange">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="fDesktopMonitoringEnabled"
type="xsd:boolean" />
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>
<xsd:element name="OnDesktopMonitoringChangeResponse">
    <xsd:complexType/>
</xsd:element>

<!-- OnDeviceAdded([in] DWORD idStation, [in] EDeviceType eType, [in] DWORD
cDevices) -->
<xsd:element name="OnDeviceAdded">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="idStation"
type="xsd:unsignedInt" />
            <xsd:element minOccurs="1" maxOccurs="1" name="eType" type="xsd:unsignedInt"
/>
            <xsd:element minOccurs="1" maxOccurs="1" name="cDevices"
type="xsd:unsignedInt" />
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>
<xsd:element name="OnDeviceAddedResponse">
    <xsd:complexType/>
</xsd:element>

<!-- OnDeviceRemoved([in] DWORD idStation, [in] EDeviceType eType, [in] DWORD
cDevices) -->
<xsd:element name="OnDeviceRemoved">
    <xsd:complexType>

```

```

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

    <!-- OnEndIdentifySession([in] DWORD idSession) -->
    <xsd:element name="OnEndIdentifySession">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element minOccurs="1" maxOccurs="1" name="idSession"
type="xsd:unsignedInt" />
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="OnEndIdentifySessionResponse">
      <xsd:complexType/>
    </xsd:element>

    <!-- OnEndIdentifyStation([in] DWORD idStation) -->
    <xsd:element name="OnEndIdentifyStation">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element minOccurs="1" maxOccurs="1" name="idStation"
type="xsd:unsignedInt" />
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="OnEndIdentifyStationResponse">
      <xsd:complexType/>
    </xsd:element>

    <!-- OnEnterSplitScreen([in] DWORD idStation) -->
    <xsd:element name="OnEnterSplitScreen">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element minOccurs="1" maxOccurs="1" name="idStation"
type="xsd:unsignedInt" />
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="OnEnterSplitScreenResponse">
      <xsd:complexType/>
    </xsd:element>

    <!-- OnExitSplitScreen([in] DWORD idStation) -->
    <xsd:element name="OnExitSplitScreen">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element minOccurs="1" maxOccurs="1" name="idStation"
type="xsd:unsignedInt" />
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="OnExitSplitScreenResponse">
      <xsd:complexType/>
    </xsd:element>

    <!-- OnManagedServerOffline([in] BSTR bstrServerName) -->
    <xsd:element name="OnManagedServerOffline">
      <xsd:complexType>
        <xsd:sequence>

```

```

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

<!-- OnManagedServerOnline([in] BSTR bstrServerName, [in] BSTR bstrIpAddresses) -->
<xsd:element name="OnManagedServerOnline">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="wsServerName" nillable="true"
type="xsd:string" />
            <xsd:element minOccurs="1" maxOccurs="1" name="wsIpAddresses" nillable="true"
type="xsd:string" />
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>
<xsd:element name="OnManagedServerOnlineResponse">
    <xsd:complexType/>
</xsd:element>

<!-- OnPeerServerAdded([in] BSTR bstrServerName) -->
<xsd:element name="OnPeerServerAdded">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="wsServerName" nillable="true"
type="xsd:string" />
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>
<xsd:element name="OnPeerServerAddedResponse">
    <xsd:complexType/>
</xsd:element>

<!-- OnPeerServerDiscovered([in] BSTR bstrServerName, [in] BSTR bstrIpAddress, [in]
EDiscoverType eDiscoverType) -->
<xsd:element name="OnPeerServerDiscovered">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="wsServerName" nillable="true"
type="xsd:string" />
            <xsd:element minOccurs="1" maxOccurs="1" name="wsIpAddress" nillable="true"
type="xsd:string" />
            <xsd:element minOccurs="1" maxOccurs="1" name="eDiscoverType"
type="xsd:unsignedInt" />
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>
<xsd:element name="OnPeerServerDiscoveredResponse">
    <xsd:complexType/>
</xsd:element>

<!-- OnPeerServerRemoved([in] BSTR bstrServerName) -->
<xsd:element name="OnPeerServerRemoved">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="wsServerName" nillable="true"
type="xsd:string" />
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>
<xsd:element name="OnPeerServerRemovedResponse">
    <xsd:complexType/>
</xsd:element>

<!-- OnProjectionStateChange([in] DWORD idSession, [in] EScreenBroadcastState
eState) -->

```

```

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

    <!-- OnScheduledUpdateSettingsChanged([in] EScheduledUpdateMode eMode, [in,
range(iHourMinScheduledUpdateStartTime,iHourMaxScheduledUpdateStartTime)] DWORD
iScheduledUpdateStartHour, [in] BSTR bstrCustomScriptFullPath, [in,
range(cMinutesMinScriptRunTime,cMinutesMaxScriptRunTime)] DWORD
cMaxMinutesAllowedForCustomScript, [in] EScheduleUpdatesReturnState eReturnState) -->
    <xsd:element name="OnScheduledUpdateSettingsChanged">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element minOccurs="1" maxOccurs="1" name="eMode" type="xsd:unsignedInt"
/>
          <xsd:element minOccurs="1" maxOccurs="1" name="iScheduledUpdateStartHour"
type="xsd:unsignedInt" />
          <xsd:element minOccurs="1" maxOccurs="1" name="wsCustomScriptFullPath"
nillable="true" type="xsd:string" />
          <xsd:element minOccurs="1" maxOccurs="1"
name="cMaxMinutesAllowedForCustomScript" type="xsd:unsignedInt" />
          <xsd:element minOccurs="1" maxOccurs="1" name="eReturnState"
type="xsd:unsignedInt" />
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="OnScheduledUpdateSettingsChangedResponse">
      <xsd:complexType/>
    </xsd:element>

    <!-- OnServiceControlSessionChange([in] DWORD dwEventType, [in] DWORD idSession) --
>
    <xsd:element name="OnServiceControlSessionChange">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element minOccurs="1" maxOccurs="1" name="dwEventType"
type="xsd:unsignedInt" />
          <xsd:element minOccurs="1" maxOccurs="1" name="idSession"
type="xsd:unsignedInt" />
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="OnServiceControlSessionChangeResponse">
      <xsd:complexType/>
    </xsd:element>

    <!-- OnSessionAgentReady([in] DWORD idSession) -->
    <xsd:element name="OnSessionAgentReady">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element minOccurs="1" maxOccurs="1" name="idSession"
type="xsd:unsignedInt" />
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="OnSessionAgentReadyResponse">
      <xsd:complexType/>
    </xsd:element>

    <!-- OnSessionBlocked([in] DWORD idSession) -->
    <xsd:element name="OnSessionBlocked">

```

```

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

      <!-- OnSessionConnecting([in] DWORD idStation) -->
      <xsd:element name="OnSessionConnecting">
        <xsd:complexType>
          <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="idStation"
type="xsd:unsignedInt" />
          </xsd:sequence>
        </xsd:complexType>
      </xsd:element>
      <xsd:element name="OnSessionConnectingResponse">
        <xsd:complexType/>
      </xsd:element>

      <!-- OnSessionDisconnected([in] DWORD idStation) -->
      <xsd:element name="OnSessionDisconnected">
        <xsd:complexType>
          <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="idStation"
type="xsd:unsignedInt" />
          </xsd:sequence>
        </xsd:complexType>
      </xsd:element>
      <xsd:element name="OnSessionDisconnectedResponse">
        <xsd:complexType/>
      </xsd:element>

      <!-- OnSessionUnblocked([in] DWORD idSession) -->
      <xsd:element name="OnSessionUnblocked">
        <xsd:complexType>
          <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="idSession"
type="xsd:unsignedInt" />
          </xsd:sequence>
        </xsd:complexType>
      </xsd:element>
      <xsd:element name="OnSessionUnblockedResponse">
        <xsd:complexType/>
      </xsd:element>

      <!-- OnStationAdded([in] DWORD idStation, [in] DWORD idxSplitScreen, [in] DWORD
idPrimaryStation) -->
      <xsd:element name="OnStationAdded">
        <xsd:complexType>
          <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="idStation"
type="xsd:unsignedInt" />
            <xsd:element minOccurs="1" maxOccurs="1" name="idxSplitScreen"
type="xsd:unsignedInt" />
            <xsd:element minOccurs="1" maxOccurs="1" name="idPrimaryStation"
type="xsd:unsignedInt" />
          </xsd:sequence>
        </xsd:complexType>
      </xsd:element>
      <xsd:element name="OnStationAddedResponse">
        <xsd:complexType/>
      </xsd:element>

      <!-- OnStationAlert([in] EStationAlertType eType, [in] DWORD idStation, [in]
EAlertStatus eStatus) -->

```



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

        <!-- OnStationRemoved([in] DWORD idStation) -->
        <xsd:element name="OnStationRemoved">
            <xsd:complexType>
                <xsd:sequence>
                    <xsd:element minOccurs="1" maxOccurs="1" name="idStation"
type="xsd:unsignedInt" />
                </xsd:sequence>
            </xsd:complexType>
        </xsd:element>
        <xsd:element name="OnStationRemovedResponse">
            <xsd:complexType/>
        </xsd:element>

        <!-- 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>

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```

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

<!-- OnVirtualDesktopOnline([in] BSTR bstrVirtualMachineId, [in] BSTR bstrHostName)
-->
<xsd:element name="OnVirtualDesktopOnline">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="wsVirtualMachineId"
nillable="true" type="xsd:string" />
      <xsd:element minOccurs="1" maxOccurs="1" name="wsHostName" nillable="true"
type="xsd:string" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="OnVirtualDesktopOnlineResponse">
  <xsd:complexType/>
</xsd:element>

<!-- ShutdownNotification() -->
<xsd:element name="ShutdownNotification">
  <xsd:complexType/>
</xsd:element>
<xsd:element name="ShutdownNotificationResponse">
  <xsd:complexType/>
</xsd:element>

<!-- OnUserCreated([in] BSTR bstrUserName) -->
<xsd:element name="OnUserCreated">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="wsUserName" nillable="true"
type="xsd:string" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="OnUserCreatedResponse">
  <xsd:complexType/>
</xsd:element>

<!-- OnUserUpdated([in] BSTR bstrUserName) -->
<xsd:element name="OnUserUpdated">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="wsUserName" nillable="true"
type="xsd:string" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="OnUserUpdatedResponse">
  <xsd:complexType/>
</xsd:element>

<!-- OnUserDeleted([in] BSTR bstrUserName) -->
<xsd:element name="OnUserDeleted">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="wsUserName" nillable="true"
type="xsd:string" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="OnUserDeletedResponse">
  <xsd:complexType/>
</xsd:element>

<!-- OnGroupUpdated() -->
<xsd:element name="OnGroupUpdated">

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

</xsd:schema>
</wsdl:types>

<wsdl:message name="WmsFaultMessage">
    <wsdl:part name="parameters" element="tns:WmsFaultType" />
</wsdl:message>

<!-- IMultiPointCertificateRequest -->
<wsdl:message name="GetProtocolVersionSoapIn">
    <wsdl:part name="parameters" element="tns:GetProtocolVersion" />
</wsdl:message>
<wsdl:message name="GetProtocolVersionSoapOut">
    <wsdl:part name="parameters" element="tns:GetProtocolVersionResponse" />
</wsdl:message>

<wsdl:message name="RequestSslCertificateSoapIn">
    <wsdl:part name="parameters" element="tns:RequestSslCertificate" />
</wsdl:message>
<wsdl:message name="RequestSslCertificateSoapOut">
    <wsdl:part name="parameters" element="tns:RequestSslCertificateResponse" />
</wsdl:message>

<!-- IMultiPointCredentialRequest -->
<wsdl:message name="SetSslCertificateSoapIn">
    <wsdl:part name="parameters" element="tns:SetSslCertificate" />
</wsdl:message>
<wsdl:message name="SetSslCertificateSoapOut">
    <wsdl:part name="parameters" element="tns:SetSslCertificateResponse" />
</wsdl:message>
<wsdl:message name="RequestWmsControlCredentialsSoapIn">
    <wsdl:part name="parameters" element="tns:RequestWmsControlCredentials" />
</wsdl:message>
<wsdl:message name="RequestWmsControlCredentialsSoapOut">
    <wsdl:part name="parameters" element="tns:RequestWmsControlCredentialsResponse" />
</wsdl:message>

<!-- IMultiPointSystemOnlineEventSink -->
<wsdl:message name="OnManagedServerOfflineNotifySoapIn">
    <wsdl:part name="parameters" element="tns:OnManagedServerOfflineNotify" />
</wsdl:message>
<wsdl:message name="OnManagedServerOfflineNotifySoapOut">
    <wsdl:part name="parameters" element="tns:OnManagedServerOfflineNotifyResponse" />
</wsdl:message>
<wsdl:message name="OnManagedServerOnlineNotifySoapIn">
    <wsdl:part name="parameters" element="tns:OnManagedServerOnlineNotify" />
</wsdl:message>
<wsdl:message name="OnManagedServerOnlineNotifySoapOut">
    <wsdl:part name="parameters" element="tns:OnManagedServerOnlineNotifyResponse" />
</wsdl:message>
<wsdl:message name="OnNewServerCertificateReadySoapIn">
    <wsdl:part name="parameters" element="tns:OnNewServerCertificateReady" />
</wsdl:message>
<wsdl:message name="OnNewServerCertificateReadySoapOut">
    <wsdl:part name="parameters" element="tns:OnNewServerCertificateReadyResponse" />
</wsdl:message>

<!-- IMultiPointServer -->
<wsdl:message name="EnumerateUsersSoapIn">
    <wsdl:part name="parameters" element="tns:EnumerateUsers" />
</wsdl:message>
<wsdl:message name="EnumerateUsersSoapOut">
    <wsdl:part name="parameters" element="tns:EnumerateUsersResponse" />
</wsdl:message>

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<wsdl:message name="GetAllSessionsSoapIn">
  <wsdl:part name="parameters" element="tns:GetAllSessions" />
</wsdl:message>
<wsdl:message name="GetAllSessionsSoapOut">
  <wsdl:part name="parameters" element="tns:GetAllSessionsResponse" />
</wsdl:message>
<wsdl:message name="GetClientVersionSoapIn">
  <wsdl:part name="parameters" element="tns:GetClientVersion" />
</wsdl:message>
<wsdl:message name="GetClientVersionSoapOut">
  <wsdl:part name="parameters" element="tns:GetClientVersionResponse" />
</wsdl:message>
<wsdl:message name="GetPeerWmsServerListSoapIn">
  <wsdl:part name="parameters" element="tns:GetPeerWmsServerList" />
</wsdl:message>
<wsdl:message name="GetPeerWmsServerListSoapOut">
  <wsdl:part name="parameters" element="tns:GetPeerWmsServerListResponse" />
</wsdl:message>
<wsdl:message name="GetPeerWmsConnectorListSoapIn">
  <wsdl:part name="parameters" element="tns:GetPeerWmsConnectorList" />
</wsdl:message>
<wsdl:message name="GetPeerWmsConnectorListSoapOut">
  <wsdl:part name="parameters" element="tns:GetPeerWmsConnectorListResponse" />
</wsdl:message>
<wsdl:message name="GetServerVersionSoapIn">
  <wsdl:part name="parameters" element="tns:GetServerVersion" />
</wsdl:message>
<wsdl:message name="GetServerVersionSoapOut">
  <wsdl:part name="parameters" element="tns:GetServerVersionResponse" />
</wsdl:message>
<wsdl:message name="GetSystemAlertStatusSoapIn">
  <wsdl:part name="parameters" element="tns:GetSystemAlertStatus" />
</wsdl:message>
<wsdl:message name="GetSystemAlertStatusSoapOut">
  <wsdl:part name="parameters" element="tns:GetSystemAlertStatusResponse" />
</wsdl:message>
<wsdl:message name="GetSystemModeSoapIn">
  <wsdl:part name="parameters" element="tns:GetSystemMode" />
</wsdl:message>
<wsdl:message name="GetSystemModeSoapOut">
  <wsdl:part name="parameters" element="tns:GetSystemModeResponse" />
</wsdl:message>
<wsdl:message name="GetVirtualMachineIpAddressSoapIn">
  <wsdl:part name="parameters" element="tns:GetVirtualMachineIpAddress" />
</wsdl:message>
<wsdl:message name="GetVirtualMachineIpAddressSoapOut">
  <wsdl:part name="parameters" element="tns:GetVirtualMachineIpAddressResponse" />
</wsdl:message>
<wsdl:message name="OnboardVirtualDesktopSoapIn">
  <wsdl:part name="parameters" element="tns:OnboardVirtualDesktop" />
</wsdl:message>
<wsdl:message name="OnboardVirtualDesktopSoapOut">
  <wsdl:part name="parameters" element="tns:OnboardVirtualDesktopResponse" />
</wsdl:message>
<wsdl:message name="RebootSoapIn">
  <wsdl:part name="parameters" element="tns:Reboot" />
</wsdl:message>
<wsdl:message name="RebootSoapOut">
  <wsdl:part name="parameters" element="tns:RebootResponse" />
</wsdl:message>
<wsdl:message name="RegisterChatEventSinkSoapIn">
  <wsdl:part name="parameters" element="tns:RegisterChatEventSink" />
</wsdl:message>
<wsdl:message name="RegisterChatEventSinkSoapOut">
  <wsdl:part name="parameters" element="tns:RegisterChatEventSinkResponse" />
</wsdl:message>
<wsdl:message name="RegisterCoreEventSinkSoapIn">
  <wsdl:part name="parameters" element="tns:RegisterCoreEventSink" />
</wsdl:message>
<wsdl:message name="RegisterCoreEventSinkSoapOut">

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    <wsdl:part name="parameters" element="tns:RegisterCoreEventSinkResponse" />
</wsdl:message>
<wsdl:message name="ShutdownSoapIn">
    <wsdl:part name="parameters" element="tns:Shutdown" />
</wsdl:message>
<wsdl:message name="ShutdownSoapOut">
    <wsdl:part name="parameters" element="tns:ShutdownResponse" />
</wsdl:message>
<wsdl:message name="UnregisterChatEventSinkSoapIn">
    <wsdl:part name="parameters" element="tns:UnregisterChatEventSink" />
</wsdl:message>
<wsdl:message name="UnregisterChatEventSinkSoapOut">
    <wsdl:part name="parameters" element="tns:UnregisterChatEventSinkResponse" />
</wsdl:message>
<wsdl:message name="UnregisterCoreEventSinkSoapIn">
    <wsdl:part name="parameters" element="tns:UnregisterCoreEventSink" />
</wsdl:message>
<wsdl:message name="UnregisterCoreEventSinkSoapOut">
    <wsdl:part name="parameters" element="tns:UnregisterCoreEventSinkResponse" />
</wsdl:message>
<wsdl:message name="AddUserSoapIn">
    <wsdl:part name="parameters" element="tns:AddUser" />
</wsdl:message>
<wsdl:message name="AddUserSoapOut">
    <wsdl:part name="parameters" element="tns:AddUserResponse" />
</wsdl:message>
<wsdl:message name="EnableChatSoapIn">
    <wsdl:part name="parameters" element="tns:EnableChat" />
</wsdl:message>
<wsdl:message name="EnableChatSoapOut">
    <wsdl:part name="parameters" element="tns:EnableChatResponse" />
</wsdl:message>
<wsdl:message name="GetLicenseCountSoapIn">
    <wsdl:part name="parameters" element="tns:GetLicenseCount" />
</wsdl:message>
<wsdl:message name="GetLicenseCountSoapOut">
    <wsdl:part name="parameters" element="tns:GetLicenseCountResponse" />
</wsdl:message>
<wsdl:message name="GetManagedSystemsTypeSoapIn">
    <wsdl:part name="parameters" element="tns:GetManagedSystemsType" />
</wsdl:message>
<wsdl:message name="GetManagedSystemsTypeSoapOut">
    <wsdl:part name="parameters" element="tns:GetManagedSystemsTypeResponse" />
</wsdl:message>
<wsdl:message name="GetNetJoinStatusSoapIn">
    <wsdl:part name="parameters" element="tns:GetNetJoinStatus" />
</wsdl:message>
<wsdl:message name="GetNetJoinStatusSoapOut">
    <wsdl:part name="parameters" element="tns:GetNetJoinStatusResponse" />
</wsdl:message>
<wsdl:message name="GetVirtualMachineHostnameSoapIn">
    <wsdl:part name="parameters" element="tns:GetVirtualMachineHostname" />
</wsdl:message>
<wsdl:message name="GetVirtualMachineHostnameSoapOut">
    <wsdl:part name="parameters" element="tns:GetVirtualMachineHostnameResponse" />
</wsdl:message>
<wsdl:message name="GetWmsWebLimitingSoapIn">
    <wsdl:part name="parameters" element="tns:GetWmsWebLimiting" />
</wsdl:message>
<wsdl:message name="GetWmsWebLimitingSoapOut">
    <wsdl:part name="parameters" element="tns:GetWmsWebLimitingResponse" />
</wsdl:message>
<wsdl:message name="IsBootToConsoleModeSoapIn">
    <wsdl:part name="parameters" element="tns:IsBootToConsoleMode" />
</wsdl:message>
<wsdl:message name="IsBootToConsoleModeSoapOut">
    <wsdl:part name="parameters" element="tns:IsBootToConsoleModeResponse" />
</wsdl:message>
<wsdl:message name="IsAdminOrchestrationModeSoapIn">
    <wsdl:part name="parameters" element="tns:IsAdminOrchestrationMode" />

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</wsdl:message>
<wsdl:message name="IsAdminOrchestrationModeSoapOut">
  <wsdl:part name="parameters" element="tns:IsAdminOrchestrationModeResponse" />
</wsdl:message>
<wsdl:message name="IsChatEnabledSoapIn">
  <wsdl:part name="parameters" element="tns:IsChatEnabled" />
</wsdl:message>
<wsdl:message name="IsChatEnabledSoapOut">
  <wsdl:part name="parameters" element="tns:IsChatEnabledResponse" />
</wsdl:message>
<wsdl:message name="IsDesktopMonitoringAllowedSoapIn">
  <wsdl:part name="parameters" element="tns:IsDesktopMonitoringAllowed" />
</wsdl:message>
<wsdl:message name="IsDesktopMonitoringAllowedSoapOut">
  <wsdl:part name="parameters" element="tns:IsDesktopMonitoringAllowedResponse" />
</wsdl:message>
<wsdl:message name="IsHypervisorPresentSoapIn">
  <wsdl:part name="parameters" element="tns:IsHypervisorPresent" />
</wsdl:message>
<wsdl:message name="IsHypervisorPresentSoapOut">
  <wsdl:part name="parameters" element="tns:IsHypervisorPresentResponse" />
</wsdl:message>
<wsdl:message name="IsSingleSessionPerUserSoapIn">
  <wsdl:part name="parameters" element="tns:IsSingleSessionPerUser" />
</wsdl:message>
<wsdl:message name="IsSingleSessionPerUserSoapOut">
  <wsdl:part name="parameters" element="tns:IsSingleSessionPerUserResponse" />
</wsdl:message>
<wsdl:message name="IsSuppressPrivacyNotificationSetSoapIn">
  <wsdl:part name="parameters" element="tns:IsSuppressPrivacyNotificationSet" />
</wsdl:message>
<wsdl:message name="IsSuppressPrivacyNotificationSetSoapOut">
  <wsdl:part name="parameters" element="tns:IsSuppressPrivacyNotificationSetResponse" />
/>
</wsdl:message>
<wsdl:message name="ValidateAutoLogonAccountSoapIn">
  <wsdl:part name="parameters" element="tns:ValidateAutoLogonAccount" />
</wsdl:message>
<wsdl:message name="ValidateAutoLogonAccountSoapOut">
  <wsdl:part name="parameters" element="tns:ValidateAutoLogonAccountResponse" />
</wsdl:message>
<wsdl:message name="IsVirtualIpPerSessionEnabledSoapIn">
  <wsdl:part name="parameters" element="tns:IsVirtualIpPerSessionEnabled" />
</wsdl:message>
<wsdl:message name="IsVirtualIpPerSessionEnabledSoapOut">
  <wsdl:part name="parameters" element="tns:IsVirtualIpPerSessionEnabledResponse" />
</wsdl:message>
<wsdl:message name="LoadWindowsEditionSoapIn">
  <wsdl:part name="parameters" element="tns:LoadWindowsEdition" />
</wsdl:message>
<wsdl:message name="LoadWindowsEditionSoapOut">
  <wsdl:part name="parameters" element="tns:LoadWindowsEditionResponse" />
</wsdl:message>
<wsdl:message name="RemoveUserSoapIn">
  <wsdl:part name="parameters" element="tns:RemoveUser" />
</wsdl:message>
<wsdl:message name="RemoveUserSoapOut">
  <wsdl:part name="parameters" element="tns:RemoveUserResponse" />
</wsdl:message>
<wsdl:message name="SetBlockAllMessageSoapIn">
  <wsdl:part name="parameters" element="tns:SetBlockAllMessage" />
</wsdl:message>
<wsdl:message name="SetBlockAllMessageSoapOut">
  <wsdl:part name="parameters" element="tns:SetBlockAllMessageResponse" />
</wsdl:message>
<wsdl:message name="SetBootToConsoleModeSoapIn">
  <wsdl:part name="parameters" element="tns:SetBootToConsoleMode" />
</wsdl:message>
<wsdl:message name="SetBootToConsoleModeSoapOut">
  <wsdl:part name="parameters" element="tns:SetBootToConsoleModeResponse" />

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</wsdl:message>
<wsdl:message name="SetAdminOrchestrationModeSoapIn">
  <wsdl:part name="parameters" element="tns:SetAdminOrchestrationMode" />
</wsdl:message>
<wsdl:message name="SetAdminOrchestrationModeSoapOut">
  <wsdl:part name="parameters" element="tns:SetAdminOrchestrationModeResponse" />
</wsdl:message>
<wsdl:message name="SetSuppressPrivacyNotificationSoapIn">
  <wsdl:part name="parameters" element="tns:SetSuppressPrivacyNotification" />
</wsdl:message>
<wsdl:message name="SetSuppressPrivacyNotificationSoapOut">
  <wsdl:part name="parameters" element="tns:SetSuppressPrivacyNotificationResponse" />
</wsdl:message>
<wsdl:message name="SetUserInfoSoapIn">
  <wsdl:part name="parameters" element="tns:SetUserInfo" />
</wsdl:message>
<wsdl:message name="SetUserInfoSoapOut">
  <wsdl:part name="parameters" element="tns:SetUserInfoResponse" />
</wsdl:message>
<wsdl:message name="EnableVirtualIpPerSessionSoapIn">
  <wsdl:part name="parameters" element="tns:EnableVirtualIpPerSession" />
</wsdl:message>
<wsdl:message name="EnableVirtualIpPerSessionSoapOut">
  <wsdl:part name="parameters" element="tns:EnableVirtualIpPerSessionResponse" />
</wsdl:message>
<wsdl:message name="SetDesktopMonitoringSoapIn">
  <wsdl:part name="parameters" element="tns:SetDesktopMonitoring" />
</wsdl:message>
<wsdl:message name="SetDesktopMonitoringSoapOut">
  <wsdl:part name="parameters" element="tns:SetDesktopMonitoringResponse" />
</wsdl:message>
<wsdl:message name="SetSingleSessionPerUserSoapIn">
  <wsdl:part name="parameters" element="tns:SetSingleSessionPerUser" />
</wsdl:message>
<wsdl:message name="SetSingleSessionPerUserSoapOut">
  <wsdl:part name="parameters" element="tns:SetSingleSessionPerUserResponse" />
</wsdl:message>
<wsdl:message name="GetReplacementSslCertificateSoapIn">
  <wsdl:part name="parameters" element="tns:GetReplacementSslCertificate" />
</wsdl:message>
<wsdl:message name="GetReplacementSslCertificateSoapOut">
  <wsdl:part name="parameters" element="tns:GetReplacementSslCertificateResponse" />
</wsdl:message>
<wsdl:message name="SetReplacementSslCertificateSoapIn">
  <wsdl:part name="parameters" element="tns:SetReplacementSslCertificate" />
</wsdl:message>
<wsdl:message name="SetReplacementSslCertificateSoapOut">
  <wsdl:part name="parameters" element="tns:SetReplacementSslCertificateResponse" />
</wsdl:message>
<wsdl:message name="GetUseHardwareGpuSoapIn">
  <wsdl:part name="parameters" element="tns:GetUseHardwareGpu" />
</wsdl:message>
<wsdl:message name="GetUseHardwareGpuSoapOut">
  <wsdl:part name="parameters" element="tns:GetUseHardwareGpuResponse" />
</wsdl:message>
<wsdl:message name="SetUseHardwareGpuSoapIn">
  <wsdl:part name="parameters" element="tns:SetUseHardwareGpu" />
</wsdl:message>
<wsdl:message name="SetUseHardwareGpuSoapOut">
  <wsdl:part name="parameters" element="tns:SetUseHardwareGpuResponse" />
</wsdl:message>

<!-- IMultiPointStation -->
<wsdl:message name="GetNextStationIdentifierSoapIn">
  <wsdl:part name="parameters" element="tns:GetNextStationIdentifier" />
</wsdl:message>
<wsdl:message name="GetNextStationIdentifierSoapOut">

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    <wsdl:part name="parameters" element="tns:GetNextStationIdentifierResponse" />
</wsdl:message>

<wsdl:message name="GetStationAlertStatusSoapIn">
  <wsdl:part name="parameters" element="tns:GetStationAlertStatus" />
</wsdl:message>
<wsdl:message name="GetStationAlertStatusSoapOut">
  <wsdl:part name="parameters" element="tns:GetStationAlertStatusResponse" />
</wsdl:message>

<wsdl:message name="GetStationAutoLogonInformationSoapIn">
  <wsdl:part name="parameters" element="tns:GetStationAutoLogonInformation" />
</wsdl:message>
<wsdl:message name="GetStationAutoLogonInformationSoapOut">
  <wsdl:part name="parameters" element="tns:GetStationAutoLogonInformationResponse" />
</wsdl:message>

<wsdl:message name="GetStationDeviceInformationSoapIn">
  <wsdl:part name="parameters" element="tns:GetStationDeviceInformation" />
</wsdl:message>
<wsdl:message name="GetStationDeviceInformationSoapOut">
  <wsdl:part name="parameters" element="tns:GetStationDeviceInformationResponse" />
</wsdl:message>

<wsdl:message name="GetStationFriendlyNameSoapIn">
  <wsdl:part name="parameters" element="tns:GetStationFriendlyName" />
</wsdl:message>
<wsdl:message name="GetStationFriendlyNameSoapOut">
  <wsdl:part name="parameters" element="tns:GetStationFriendlyNameResponse" />
</wsdl:message>

<wsdl:message name="GetStationInformationSoapIn">
  <wsdl:part name="parameters" element="tns:GetStationInformation" />
</wsdl:message>
<wsdl:message name="GetStationInformationSoapOut">
  <wsdl:part name="parameters" element="tns:GetStationInformationResponse" />
</wsdl:message>

<wsdl:message name="GetStationServerNameSoapIn">
  <wsdl:part name="parameters" element="tns:GetStationServerName" />
</wsdl:message>
<wsdl:message name="GetStationServerNameSoapOut">
  <wsdl:part name="parameters" element="tns:GetStationServerNameResponse" />
</wsdl:message>

<wsdl:message name="GetStationSplitScreenInformationSoapIn">
  <wsdl:part name="parameters" element="tns:GetStationSplitScreenInformation" />
</wsdl:message>
<wsdl:message name="GetStationSplitScreenInformationSoapOut">
  <wsdl:part name="parameters" element="tns:GetStationSplitScreenInformationResponse"
/>
</wsdl:message>

<wsdl:message name="IdentifyStationSoapIn">
  <wsdl:part name="parameters" element="tns:IdentifyStation" />
</wsdl:message>
<wsdl:message name="IdentifyStationSoapOut">
  <wsdl:part name="parameters" element="tns:IdentifyStationResponse" />
</wsdl:message>

<wsdl:message name="RefreshStationSoapIn">
  <wsdl:part name="parameters" element="tns:RefreshStation" />
</wsdl:message>
<wsdl:message name="RefreshStationSoapOut">
  <wsdl:part name="parameters" element="tns:RefreshStationResponse" />
</wsdl:message>

<wsdl:message name="RemapStationsSoapIn">
  <wsdl:part name="parameters" element="tns:RemapStations" />
</wsdl:message>

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<wsdl:message name="RemapStationsSoapOut">
  <wsdl:part name="parameters" element="tns:RemapStationsResponse" />
</wsdl:message>

<wsdl:message name="BlockUsbStorageDevicesAllStationsSoapIn">
  <wsdl:part name="parameters" element="tns:BlockUsbStorageDevicesAllStations" />
</wsdl:message>
<wsdl:message name="BlockUsbStorageDevicesAllStationsSoapOut">
  <wsdl:part name="parameters" element="tns:BlockUsbStorageDevicesAllStationsResponse"
/>
</wsdl:message>

<wsdl:message name="UnblockUsbStorageDevicesAllStationsSoapIn">
  <wsdl:part name="parameters" element="tns:UnblockUsbStorageDevicesAllStations" />
</wsdl:message>
<wsdl:message name="UnblockUsbStorageDevicesAllStationsSoapOut">
  <wsdl:part name="parameters"
element="tns:UnblockUsbStorageDevicesAllStationsResponse" />
</wsdl:message>

<wsdl:message name="BlockUsbStorageDevicesSoapIn">
  <wsdl:part name="parameters" element="tns:BlockUsbStorageDevices" />
</wsdl:message>
<wsdl:message name="BlockUsbStorageDevicesSoapOut">
  <wsdl:part name="parameters" element="tns:BlockUsbStorageDevicesResponse" />
</wsdl:message>

<wsdl:message name="UnblockUsbStorageDevicesSoapIn">
  <wsdl:part name="parameters" element="tns:UnblockUsbStorageDevices" />
</wsdl:message>
<wsdl:message name="UnblockUsbStorageDevicesSoapOut">
  <wsdl:part name="parameters" element="tns:UnblockUsbStorageDevicesResponse" />
</wsdl:message>

<wsdl:message name="IsUsbStorageDeviceBlockedSoapIn">
  <wsdl:part name="parameters" element="tns:IsUsbStorageDeviceBlocked" />
</wsdl:message>
<wsdl:message name="IsUsbStorageDeviceBlockedSoapOut">
  <wsdl:part name="parameters" element="tns:IsUsbStorageDeviceBlockedResponse" />
</wsdl:message>

<wsdl:message name="SetStationAutoLogonSoapIn">
  <wsdl:part name="parameters" element="tns:SetStationAutoLogon" />
</wsdl:message>
<wsdl:message name="SetStationAutoLogonSoapOut">
  <wsdl:part name="parameters" element="tns:SetStationAutoLogonResponse" />
</wsdl:message>

<wsdl:message name="SetStationFriendlyNameSoapIn">
  <wsdl:part name="parameters" element="tns:SetStationFriendlyName" />
</wsdl:message>
<wsdl:message name="SetStationFriendlyNameSoapOut">
  <wsdl:part name="parameters" element="tns:SetStationFriendlyNameResponse" />
</wsdl:message>

<wsdl:message name="SetStationServerNameSoapIn">
  <wsdl:part name="parameters" element="tns:SetStationServerName" />
</wsdl:message>
<wsdl:message name="SetStationServerNameSoapOut">
  <wsdl:part name="parameters" element="tns:SetStationServerNameResponse" />
</wsdl:message>

<wsdl:message name="SplitStationSoapIn">
  <wsdl:part name="parameters" element="tns:SplitStation" />
</wsdl:message>
<wsdl:message name="SplitStationSoapOut">
  <wsdl:part name="parameters" element="tns:SplitStationResponse" />
</wsdl:message>

<wsdl:message name="StopIdentifyingStationSoapIn">

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    <wsdl:part name="parameters" element="tns:StopIdentifyingStation" />
</wsdl:message>
<wsdl:message name="StopIdentifyingStationSoapOut">
    <wsdl:part name="parameters" element="tns:StopIdentifyingStationResponse" />
</wsdl:message>

<wsdl:message name="GetDisplayRotationSoapIn">
    <wsdl:part name="parameters" element="tns:GetDisplayRotation" />
</wsdl:message>
<wsdl:message name="GetDisplayRotationSoapOut">
    <wsdl:part name="parameters" element="tns:GetDisplayRotationResponse" />
</wsdl:message>

<wsdl:message name="SetDisplayRotationSoapIn">
    <wsdl:part name="parameters" element="tns:SetDisplayRotation" />
</wsdl:message>
<wsdl:message name="SetDisplayRotationSoapOut">
    <wsdl:part name="parameters" element="tns:SetDisplayRotationResponse" />
</wsdl:message>

<!-- IMultiPointSession -->
<wsdl:message name="CurrentActivitySoapIn">
    <wsdl:part name="parameters" element="tns:CurrentActivity" />
</wsdl:message>
<wsdl:message name="CurrentActivitySoapOut">
    <wsdl:part name="parameters" element="tns:CurrentActivityResponse" />
</wsdl:message>

<wsdl:message name="CloseSessionApplicationSoapIn">
    <wsdl:part name="parameters" element="tns:CloseSessionApplication" />
</wsdl:message>
<wsdl:message name="CloseSessionApplicationSoapOut">
    <wsdl:part name="parameters" element="tns:CloseSessionApplicationResponse" />
</wsdl:message>

<wsdl:message name="ConfigureWebLimitingSoapIn">
    <wsdl:part name="parameters" element="tns:ConfigureWebLimiting" />
</wsdl:message>
<wsdl:message name="ConfigureWebLimitingSoapOut">
    <wsdl:part name="parameters" element="tns:ConfigureWebLimitingResponse" />
</wsdl:message>

<wsdl:message name="ConfigureWebLimitingAllSoapIn">
    <wsdl:part name="parameters" element="tns:ConfigureWebLimitingAll" />
</wsdl:message>
<wsdl:message name="ConfigureWebLimitingAllSoapOut">
    <wsdl:part name="parameters" element="tns:ConfigureWebLimitingAllResponse" />
</wsdl:message>

<wsdl:message name="EnableProjectToAllSoapIn">
    <wsdl:part name="parameters" element="tns:EnableProjectToAll" />
</wsdl:message>
<wsdl:message name="EnableProjectToAllSoapOut">
    <wsdl:part name="parameters" element="tns:EnableProjectToAllResponse" />
</wsdl:message>

<wsdl:message name="EnableWebLimitingAllSoapIn">
    <wsdl:part name="parameters" element="tns:EnableWebLimitingAll" />
</wsdl:message>
<wsdl:message name="EnableWebLimitingAllSoapOut">
    <wsdl:part name="parameters" element="tns:EnableWebLimitingAllResponse" />
</wsdl:message>

<wsdl:message name="GetScreenStateSoapIn">
    <wsdl:part name="parameters" element="tns:GetScreenState" />
</wsdl:message>
<wsdl:message name="GetScreenStateSoapOut">
    <wsdl:part name="parameters" element="tns:GetScreenStateResponse" />
</wsdl:message>

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<wsdl:message name="GetSessionAgentStatusSoapIn">
  <wsdl:part name="parameters" element="tns:GetSessionAgentStatus" />
</wsdl:message>
<wsdl:message name="GetSessionAgentStatusSoapOut">
  <wsdl:part name="parameters" element="tns:GetSessionAgentStatusResponse" />
</wsdl:message>

<wsdl:message name="GetSessionRunningAppsSoapIn">
  <wsdl:part name="parameters" element="tns:GetSessionRunningApps" />
</wsdl:message>
<wsdl:message name="GetSessionRunningAppsSoapOut">
  <wsdl:part name="parameters" element="tns:GetSessionRunningAppsResponse" />
</wsdl:message>

<wsdl:message name="GetThumbnailBitsSoapIn">
  <wsdl:part name="parameters" element="tns:GetThumbnailBits" />
</wsdl:message>
<wsdl:message name="GetThumbnailBitsSoapOut">
  <wsdl:part name="parameters" element="tns:GetThumbnailBitsResponse" />
</wsdl:message>

<wsdl:message name="IdentifySessionSoapIn">
  <wsdl:part name="parameters" element="tns:IdentifySession" />
</wsdl:message>
<wsdl:message name="IdentifySessionSoapOut">
  <wsdl:part name="parameters" element="tns:IdentifySessionResponse" />
</wsdl:message>

<wsdl:message name="GetSessionFlagsSoapIn">
  <wsdl:part name="parameters" element="tns:GetSessionFlags" />
</wsdl:message>
<wsdl:message name="GetSessionFlagsSoapOut">
  <wsdl:part name="parameters" element="tns:GetSessionFlagsResponse" />
</wsdl:message>

<wsdl:message name="LockSessionSoapIn">
  <wsdl:part name="parameters" element="tns:LockSession" />
</wsdl:message>
<wsdl:message name="LockSessionSoapOut">
  <wsdl:part name="parameters" element="tns:LockSessionResponse" />
</wsdl:message>

<wsdl:message name="LogOffSessionSoapIn">
  <wsdl:part name="parameters" element="tns:LogOffSession" />
</wsdl:message>
<wsdl:message name="LogOffSessionSoapOut">
  <wsdl:part name="parameters" element="tns:LogOffSessionResponse" />
</wsdl:message>

<wsdl:message name="RunFileSessionSoapIn">
  <wsdl:part name="parameters" element="tns:RunFileSession" />
</wsdl:message>
<wsdl:message name="RunFileSessionSoapOut">
  <wsdl:part name="parameters" element="tns:RunFileSessionResponse" />
</wsdl:message>

<wsdl:message name="ShareDesktopSoapIn">
  <wsdl:part name="parameters" element="tns:ShareDesktop" />
</wsdl:message>
<wsdl:message name="ShareDesktopSoapOut">
  <wsdl:part name="parameters" element="tns:ShareDesktopResponse" />
</wsdl:message>

<wsdl:message name="StopIdentifyingSessionSoapIn">
  <wsdl:part name="parameters" element="tns:StopIdentifyingSession" />
</wsdl:message>
<wsdl:message name="StopIdentifyingSessionSoapOut">
  <wsdl:part name="parameters" element="tns:StopIdentifyingSessionResponse" />
</wsdl:message>

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<wsdl:message name="StopLockingSessionSoapIn">
  <wsdl:part name="parameters" element="tns:StopLockingSession" />
</wsdl:message>
<wsdl:message name="StopLockingSessionSoapOut">
  <wsdl:part name="parameters" element="tns:StopLockingSessionResponse" />
</wsdl:message>

<wsdl:message name="StopShareDesktopSoapIn">
  <wsdl:part name="parameters" element="tns:StopShareDesktop" />
</wsdl:message>
<wsdl:message name="StopShareDesktopSoapOut">
  <wsdl:part name="parameters" element="tns:StopShareDesktopResponse" />
</wsdl:message>

<wsdl:message name="ViewDesktopSoapIn">
  <wsdl:part name="parameters" element="tns:ViewDesktop" />
</wsdl:message>
<wsdl:message name="ViewDesktopSoapOut">
  <wsdl:part name="parameters" element="tns:ViewDesktopResponse" />
</wsdl:message>

<wsdl:message name="DisconnectSessionSoapIn">
  <wsdl:part name="parameters" element="tns:DisconnectSession" />
</wsdl:message>
<wsdl:message name="DisconnectSessionSoapOut">
  <wsdl:part name="parameters" element="tns:DisconnectSessionResponse" />
</wsdl:message>
<wsdl:message name="LogOffConsoleSessionSoapIn">
  <wsdl:part name="parameters" element="tns:LogOffConsoleSession" />
</wsdl:message>
<wsdl:message name="LogOffConsoleSessionSoapOut">
  <wsdl:part name="parameters" element="tns:LogOffConsoleSessionResponse" />
</wsdl:message>

<!-- IMultiPointDiskProtection -->
<wsdl:message name="GetFreeSpaceNeededSoapIn">
  <wsdl:part name="parameters" element="tns:GetFreeSpaceNeeded" />
</wsdl:message>
<wsdl:message name="GetFreeSpaceNeededSoapOut">
  <wsdl:part name="parameters" element="tns:GetFreeSpaceNeededResponse" />
</wsdl:message>

<wsdl:message name="GetModeSoapIn">
  <wsdl:part name="parameters" element="tns:GetMode" />
</wsdl:message>
<wsdl:message name="GetModeSoapOut">
  <wsdl:part name="parameters" element="tns:GetModeResponse" />
</wsdl:message>

<wsdl:message name="GetScheduledUpdateSettingsSoapIn">
  <wsdl:part name="parameters" element="tns:GetScheduledUpdateSettings" />
</wsdl:message>
<wsdl:message name="GetScheduledUpdateSettingsSoapOut">
  <wsdl:part name="parameters" element="tns:GetScheduledUpdateSettingsResponse" />
</wsdl:message>

<wsdl:message name="InstallSoapIn">
  <wsdl:part name="parameters" element="tns:Install" />
</wsdl:message>
<wsdl:message name="InstallSoapOut">
  <wsdl:part name="parameters" element="tns:InstallResponse" />
</wsdl:message>

<wsdl:message name="IsInstalledSoapIn">
  <wsdl:part name="parameters" element="tns:IsInstalled" />
</wsdl:message>
<wsdl:message name="IsInstalledSoapOut">
  <wsdl:part name="parameters" element="tns:IsInstalledResponse" />

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</wsdl:message>

<wsdl:message name="SetModeSoapIn">
  <wsdl:part name="parameters" element="tns:SetMode" />
</wsdl:message>
<wsdl:message name="SetModeSoapOut">
  <wsdl:part name="parameters" element="tns:SetModeResponse" />
</wsdl:message>

<wsdl:message name="SetScheduledUpdateSettingsSoapIn">
  <wsdl:part name="parameters" element="tns:SetScheduledUpdateSettings" />
</wsdl:message>
<wsdl:message name="SetScheduledUpdateSettingsSoapOut">
  <wsdl:part name="parameters" element="tns:SetScheduledUpdateSettingsResponse" />
</wsdl:message>

<wsdl:message name="UninstallSoapIn">
  <wsdl:part name="parameters" element="tns:Uninstall" />
</wsdl:message>
<wsdl:message name="UninstallSoapOut">
  <wsdl:part name="parameters" element="tns:UninstallResponse" />
</wsdl:message>

<!-- IMultiPointChat -->
<wsdl:message name="ConnectSoapIn">
  <wsdl:part name="parameters" element="tns:Connect" />
</wsdl:message>
<wsdl:message name="ConnectSoapOut">
  <wsdl:part name="parameters" element="tns:ConnectResponse" />
</wsdl:message>

<wsdl:message name="DisconnectSoapIn">
  <wsdl:part name="parameters" element="tns:Disconnect" />
</wsdl:message>
<wsdl:message name="DisconnectSoapOut">
  <wsdl:part name="parameters" element="tns:DisconnectResponse" />
</wsdl:message>

<wsdl:message name="GetChatIdSoapIn">
  <wsdl:part name="parameters" element="tns:GetChatId" />
</wsdl:message>
<wsdl:message name="GetChatIdSoapOut">
  <wsdl:part name="parameters" element="tns:GetChatIdResponse" />
</wsdl:message>

<wsdl:message name="PingSoapIn">
  <wsdl:part name="parameters" element="tns:Ping" />
</wsdl:message>
<wsdl:message name="PingSoapOut">
  <wsdl:part name="parameters" element="tns:PingResponse" />
</wsdl:message>

<wsdl:message name="SendErrorSoapIn">
  <wsdl:part name="parameters" element="tns:SendError" />
</wsdl:message>
<wsdl:message name="SendErrorSoapOut">
  <wsdl:part name="parameters" element="tns:SendErrorResponse" />
</wsdl:message>

<wsdl:message name="SendMsgSoapIn">
  <wsdl:part name="parameters" element="tns:SendMsg" />
</wsdl:message>
<wsdl:message name="SendMsgSoapOut">
  <wsdl:part name="parameters" element="tns:SendMsgResponse" />
</wsdl:message>

<!-- IMultiPointCoreEventSink -->
<wsdl:message name="OnAssociateSessionWithStationSoapIn">
  <wsdl:part name="parameters" element="tns:OnAssociateSessionWithStation" />
</wsdl:message>

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<wsdl:message name="OnAssociateSessionWithStationSoapOut">
  <wsdl:part name="parameters" element="tns:OnAssociateSessionWithStationResponse" />
</wsdl:message>

<wsdl:message name="OnBeginIdentifySessionSoapIn">
  <wsdl:part name="parameters" element="tns:OnBeginIdentifySession" />
</wsdl:message>
<wsdl:message name="OnBeginIdentifySessionSoapOut">
  <wsdl:part name="parameters" element="tns:OnBeginIdentifySessionResponse" />
</wsdl:message>

<wsdl:message name="OnBeginIdentifyStationSoapIn">
  <wsdl:part name="parameters" element="tns:OnBeginIdentifyStation" />
</wsdl:message>
<wsdl:message name="OnBeginIdentifyStationSoapOut">
  <wsdl:part name="parameters" element="tns:OnBeginIdentifyStationResponse" />
</wsdl:message>

<wsdl:message name="OnBootToConsoleModeChangeSoapIn">
  <wsdl:part name="parameters" element="tns:OnBootToConsoleModeChange" />
</wsdl:message>
<wsdl:message name="OnBootToConsoleModeChangeSoapOut">
  <wsdl:part name="parameters" element="tns:OnBootToConsoleModeChangeResponse" />
</wsdl:message>

<wsdl:message name="OnConfigureStationSoapIn">
  <wsdl:part name="parameters" element="tns:OnConfigureStation" />
</wsdl:message>
<wsdl:message name="OnConfigureStationSoapOut">
  <wsdl:part name="parameters" element="tns:OnConfigureStationResponse" />
</wsdl:message>

<wsdl:message name="OnDesktopMonitoringChangeSoapIn">
  <wsdl:part name="parameters" element="tns:OnDesktopMonitoringChange" />
</wsdl:message>
<wsdl:message name="OnDesktopMonitoringChangeSoapOut">
  <wsdl:part name="parameters" element="tns:OnDesktopMonitoringChangeResponse" />
</wsdl:message>

<wsdl:message name="OnDeviceAddedSoapIn">
  <wsdl:part name="parameters" element="tns:OnDeviceAdded" />
</wsdl:message>
<wsdl:message name="OnDeviceAddedSoapOut">
  <wsdl:part name="parameters" element="tns:OnDeviceAddedResponse" />
</wsdl:message>

<wsdl:message name="OnDeviceRemovedSoapIn">
  <wsdl:part name="parameters" element="tns:OnDeviceRemoved" />
</wsdl:message>
<wsdl:message name="OnDeviceRemovedSoapOut">
  <wsdl:part name="parameters" element="tns:OnDeviceRemovedResponse" />
</wsdl:message>

<wsdl:message name="OnEndIdentifySessionSoapIn">
  <wsdl:part name="parameters" element="tns:OnEndIdentifySession" />
</wsdl:message>
<wsdl:message name="OnEndIdentifySessionSoapOut">
  <wsdl:part name="parameters" element="tns:OnEndIdentifySessionResponse" />
</wsdl:message>

<wsdl:message name="OnEndIdentifyStationSoapIn">
  <wsdl:part name="parameters" element="tns:OnEndIdentifyStation" />
</wsdl:message>
<wsdl:message name="OnEndIdentifyStationSoapOut">
  <wsdl:part name="parameters" element="tns:OnEndIdentifyStationResponse" />
</wsdl:message>

<wsdl:message name="OnEnterSplitScreenSoapIn">
  <wsdl:part name="parameters" element="tns:OnEnterSplitScreen" />
</wsdl:message>

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<wsdl:message name="OnEnterSplitScreenSoapOut">
  <wsdl:part name="parameters" element="tns:OnEnterSplitScreenResponse" />
</wsdl:message>

<wsdl:message name="OnExitSplitScreenSoapIn">
  <wsdl:part name="parameters" element="tns:OnExitSplitScreen" />
</wsdl:message>
<wsdl:message name="OnExitSplitScreenSoapOut">
  <wsdl:part name="parameters" element="tns:OnExitSplitScreenResponse" />
</wsdl:message>

<wsdl:message name="OnManagedServerOfflineSoapIn">
  <wsdl:part name="parameters" element="tns:OnManagedServerOffline" />
</wsdl:message>
<wsdl:message name="OnManagedServerOfflineSoapOut">
  <wsdl:part name="parameters" element="tns:OnManagedServerOfflineResponse" />
</wsdl:message>

<wsdl:message name="OnManagedServerOnlineSoapIn">
  <wsdl:part name="parameters" element="tns:OnManagedServerOnline" />
</wsdl:message>
<wsdl:message name="OnManagedServerOnlineSoapOut">
  <wsdl:part name="parameters" element="tns:OnManagedServerOnlineResponse" />
</wsdl:message>

<wsdl:message name="OnPeerServerAddedSoapIn">
  <wsdl:part name="parameters" element="tns:OnPeerServerAdded" />
</wsdl:message>
<wsdl:message name="OnPeerServerAddedSoapOut">
  <wsdl:part name="parameters" element="tns:OnPeerServerAddedResponse" />
</wsdl:message>

<wsdl:message name="OnPeerServerDiscoveredSoapIn">
  <wsdl:part name="parameters" element="tns:OnPeerServerDiscovered" />
</wsdl:message>
<wsdl:message name="OnPeerServerDiscoveredSoapOut">
  <wsdl:part name="parameters" element="tns:OnPeerServerDiscoveredResponse" />
</wsdl:message>

<wsdl:message name="OnPeerServerRemovedSoapIn">
  <wsdl:part name="parameters" element="tns:OnPeerServerRemoved" />
</wsdl:message>
<wsdl:message name="OnPeerServerRemovedSoapOut">
  <wsdl:part name="parameters" element="tns:OnPeerServerRemovedResponse" />
</wsdl:message>

<wsdl:message name="OnProjectionStateChangeSoapIn">
  <wsdl:part name="parameters" element="tns:OnProjectionStateChange" />
</wsdl:message>
<wsdl:message name="OnProjectionStateChangeSoapOut">
  <wsdl:part name="parameters" element="tns:OnProjectionStateChangeResponse" />
</wsdl:message>

<wsdl:message name="OnScheduledUpdateSettingsChangedSoapIn">
  <wsdl:part name="parameters" element="tns:OnScheduledUpdateSettingsChanged" />
</wsdl:message>
<wsdl:message name="OnScheduledUpdateSettingsChangedSoapOut">
  <wsdl:part name="parameters" element="tns:OnScheduledUpdateSettingsChangedResponse" />
/>
</wsdl:message>

<wsdl:message name="OnServiceControlSessionChangeSoapIn">
  <wsdl:part name="parameters" element="tns:OnServiceControlSessionChange" />
</wsdl:message>
<wsdl:message name="OnServiceControlSessionChangeSoapOut">
  <wsdl:part name="parameters" element="tns:OnServiceControlSessionChangeResponse" />
</wsdl:message>

<wsdl:message name="OnSessionAgentReadySoapIn">
  <wsdl:part name="parameters" element="tns:OnSessionAgentReady" />

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</wsdl:message>
<wsdl:message name="OnSessionAgentReadySoapOut">
  <wsdl:part name="parameters" element="tns:OnSessionAgentReadyResponse" />
</wsdl:message>

<wsdl:message name="OnSessionBlockedSoapIn">
  <wsdl:part name="parameters" element="tns:OnSessionBlocked" />
</wsdl:message>
<wsdl:message name="OnSessionBlockedSoapOut">
  <wsdl:part name="parameters" element="tns:OnSessionBlockedResponse" />
</wsdl:message>

<wsdl:message name="OnSessionConnectingSoapIn">
  <wsdl:part name="parameters" element="tns:OnSessionConnecting" />
</wsdl:message>
<wsdl:message name="OnSessionConnectingSoapOut">
  <wsdl:part name="parameters" element="tns:OnSessionConnectingResponse" />
</wsdl:message>

<wsdl:message name="OnSessionDisconnectedSoapIn">
  <wsdl:part name="parameters" element="tns:OnSessionDisconnected" />
</wsdl:message>
<wsdl:message name="OnSessionDisconnectedSoapOut">
  <wsdl:part name="parameters" element="tns:OnSessionDisconnectedResponse" />
</wsdl:message>

<wsdl:message name="OnSessionUnblockedSoapIn">
  <wsdl:part name="parameters" element="tns:OnSessionUnblocked" />
</wsdl:message>
<wsdl:message name="OnSessionUnblockedSoapOut">
  <wsdl:part name="parameters" element="tns:OnSessionUnblockedResponse" />
</wsdl:message>

<wsdl:message name="OnStationAddedSoapIn">
  <wsdl:part name="parameters" element="tns:OnStationAdded" />
</wsdl:message>
<wsdl:message name="OnStationAddedSoapOut">
  <wsdl:part name="parameters" element="tns:OnStationAddedResponse" />
</wsdl:message>

<wsdl:message name="OnStationAlertSoapIn">
  <wsdl:part name="parameters" element="tns:OnStationAlert" />
</wsdl:message>
<wsdl:message name="OnStationAlertSoapOut">
  <wsdl:part name="parameters" element="tns:OnStationAlertResponse" />
</wsdl:message>

<wsdl:message name="OnStationRemovedSoapIn">
  <wsdl:part name="parameters" element="tns:OnStationRemoved" />
</wsdl:message>
<wsdl:message name="OnStationRemovedSoapOut">
  <wsdl:part name="parameters" element="tns:OnStationRemovedResponse" />
</wsdl:message>

<wsdl:message name="OnSystemAlertSoapIn">
  <wsdl:part name="parameters" element="tns:OnSystemAlert" />
</wsdl:message>
<wsdl:message name="OnSystemAlertSoapOut">
  <wsdl:part name="parameters" element="tns:OnSystemAlertResponse" />
</wsdl:message>

<wsdl:message name="OnSystemModeChangeSoapIn">
  <wsdl:part name="parameters" element="tns:OnSystemModeChange" />
</wsdl:message>
<wsdl:message name="OnSystemModeChangeSoapOut">
  <wsdl:part name="parameters" element="tns:OnSystemModeChangeResponse" />
</wsdl:message>

<wsdl:message name="OnVirtualDesktopNotificationSoapIn">
  <wsdl:part name="parameters" element="tns:OnVirtualDesktopNotification" />

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</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/GetProtocol
Version" message="tns:GetProtocolVersionSoapIn" />
    <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCertificateRequest/GetProtocol
VersionResponse" 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/RequestSslC
ertificate" message="tns:RequestSslCertificateSoapIn" />
    <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCertificateRequest/RequestSslC
ertificateResponse" message="tns:RequestSslCertificateSoapOut" />
  </wsdl:operation>
</wsdl:portType>

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        <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/SetSslCertif
icate" message="tns:SetSslCertificateSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCredentialRequest/SetSslCertif
icateResponse" 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/RequestWmsCo
ntrolCredentials" message="tns:RequestWmsControlCredentialsSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCredentialRequest/RequestWmsCo
ntrolCredentialsResponse" 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/OnManag
edServerOfflineNotify" message="tns:OnManagedServerOfflineNotifySoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSystemOnlineEventSink/OnManag
edServerOfflineNotify" 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/OnManag
edServerOnlineNotify" message="tns:OnManagedServerOnlineNotifySoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSystemOnlineEventSink/OnManag
edServerOnlineNotify" 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/OnNewSer
verCertificateReady" message="tns:OnNewServerCertificateReadySoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSystemOnlineEventSink/OnNewSer
verCertificateReady" 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">

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        <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetAllSessions"
message="tns:GetAllSessionsSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetAllSessionsResponse"
message="tns:GetAllSessionsSoapOut" />
        <wsdl:fault name="WmsFault"
wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" message="tns:WmsFaultMessage"
/>
    </wsdl:operation>
    <wsdl:operation name="GetClientVersion">
        <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetClientVersion"
message="tns:GetClientVersionSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetClientVersionResponse"
message="tns:GetClientVersionSoapOut" />
        <wsdl:fault name="WmsFault"
wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" message="tns:WmsFaultMessage"
/>
    </wsdl:operation>
    <wsdl:operation name="GetPeerWmsServerList">
        <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetPeerWmsServerList"
message="tns:GetPeerWmsServerListSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetPeerWmsServerListResponse"
message="tns:GetPeerWmsServerListSoapOut" />
        <wsdl:fault name="WmsFault"
wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" message="tns:WmsFaultMessage"
/>
    </wsdl:operation>
    <wsdl:operation name="GetPeerWmsConnectorList">
        <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetPeerWmsConnectorList"
message="tns:GetPeerWmsConnectorListSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/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" />

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        <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/GetVirtualMachineIpAddr
ess" message="tns:GetVirtualMachineIpAddressSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetVirtualMachineIpAddr
essResponse" 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/OnboardVirtualDesktopRe
sponse" 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/RegisterChatEventSinkRe
sponse" 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/RegisterCoreEventSinkRe
sponse" 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" />

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        <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/UnregisterChatEventSink
Response" message="tns:UnregisterChatEventSinkSoapOut" />
        <wsdl:fault name="WmsFault"
wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" message="tns:WmsFaultMessage"
/>
    </wsdl:operation>
    <wsdl:operation name="UnregisterCoreEventSink">
        <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/UnregisterCoreEventSink
" message="tns:UnregisterCoreEventSinkSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/UnregisterCoreEventSink
Response" 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/GetManagedSystemsTypeRe
sponse" 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/GetNetJoinStatusRespons
e" message="tns:GetNetJoinStatusSoapOut" />
        <wsdl:fault name="WmsFault"
wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" message="tns:WmsFaultMessage"
/>
    </wsdl:operation>

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    <wsdl:operation name="GetVirtualMachineHostname">
      <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetVirtualMachineHostna
me" message="tns:GetVirtualMachineHostnameSoapIn" />
      <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetVirtualMachineHostna
meResponse" 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/GetWmsWebLimitingRespon
se" message="tns:GetWmsWebLimitingSoapOut" />
      <wsdl:fault name="WmsFault"
wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" message="tns:WmsFaultMessage"
/>
    </wsdl:operation>
    <wsdl:operation name="IsBootToConsoleMode">
      <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/IsBootToConsoleMode"
message="tns:IsBootToConsoleModeSoapIn" />
      <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/IsBootToConsoleModeResp
onse" 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/IsAdminOrchestrationMod
e" message="tns:IsAdminOrchestrationModeSoapIn" />
      <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/IsAdminOrchestrationMod
eResponse" 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/IsDesktopMonitoringAllo
wed" message="tns:IsDesktopMonitoringAllowedSoapIn" />
      <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/IsDesktopMonitoringAllo
wedResponse" 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" />

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        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/IsHypervisorPresentResp
onse" 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/IsSingleSessionPerUserR
esponse" 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/IsSuppressPrivacyNotifi
cationSet" message="tns:IsSuppressPrivacyNotificationSetSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/IsSuppressPrivacyNotifi
cationSetResponse" 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/IsVirtualIpPerSessionEn
abled" message="tns:IsVirtualIpPerSessionEnabledSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/IsVirtualIpPerSessionEn
abledResponse" 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/LoadWindowsEditionRespo
nse" 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/SetBlockAllMessageRespo
nse" 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/SetBootToConsoleModeRes
ponse" 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/SetAdminOrchestrationMo
de" message="tns:SetAdminOrchestrationModeSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/SetAdminOrchestrationMo
deResponse" 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/SetSuppressPrivacyNotif
ication" message="tns:SetSuppressPrivacyNotificationSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/SetSuppressPrivacyNotif
icationResponse" 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/ValidateAutoLogonAccoun
t" message="tns:ValidateAutoLogonAccountSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/ValidateAutoLogonAccoun
tResponse" 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/EnableVirtualIpPerSessi
on" message="tns:EnableVirtualIpPerSessionSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/EnableVirtualIpPerSessi
onResponse" 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/SetDesktopMonitoringRes
ponse" 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/SetSingleSessionPerUser
Response" message="tns:SetSingleSessionPerUserSoapOut" />
        <wsdl:fault name="WmsFault"
wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" message="tns:WmsFaultMessage"
/>
    </wsdl:operation>

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    <wsdl:operation name="GetReplacementSslCertificate">
      <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetReplacementSslCertificate" message="tns:GetReplacementSslCertificateSoapIn" />
      <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetReplacementSslCertificateResponse" 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/SetReplacementSslCertificate" message="tns:SetReplacementSslCertificateSoapIn" />
      <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/SetReplacementSslCertificateResponse" message="tns:SetReplacementSslCertificateSoapOut" />
      <wsdl:fault name="WmsFault"
wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="GetUseHardwareGpu">
      <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetUseHardwareGpu" message="tns:GetUseHardwareGpuSoapIn" />
      <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetUseHardwareGpuResponse" message="tns:GetUseHardwareGpuSoapOut" />
      <wsdl:fault name="WmsFault"
wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="SetUseHardwareGpu">
      <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/SetUseHardwareGpu" message="tns:SetUseHardwareGpuSoapIn" />
      <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/SetUseHardwareGpuResponse" message="tns:SetUseHardwareGpuSoapOut" />
      <wsdl:fault name="WmsFault"
wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" message="tns:WmsFaultMessage" />
    </wsdl:operation>
  </wsdl:portType>

  <wsdl:portType name="IMultiPointUserManager">
    <wsdl:operation name="AddUser">
      <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointUserManager/AddUser" message="tns:AddUserSoapIn" />
      <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointUserManager/AddUserResponse" message="tns:AddUserSoapOut" />
      <wsdl:fault name="WmsFault"
wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="EnumerateUsers">
      <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointUserManager/EnumerateUsers" message="tns:EnumerateUsersSoapIn" />
      <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointUserManager/EnumerateUsersResponse" message="tns:EnumerateUsersSoapOut" />
      <wsdl:fault name="WmsFault"
wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" message="tns:WmsFaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="RemoveUser">

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        <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/GetNextStationIdentifierResponse"
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/GetStationAlertStatusResponse"
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/GetStationAutoLogonInformation"
message="tns:GetStationAutoLogonInformationSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationAutoLogonInformationResponse"
message="tns:GetStationAutoLogonInformationSoapOut" />
        <wsdl:fault name="WmsFault"
wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" message="tns:WmsFaultMessage"
/>
    </wsdl:operation>
    <wsdl:operation name="GetStationDeviceInformation">
        <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationDeviceInformation"
message="tns:GetStationDeviceInformationSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationDeviceInformationResponse"
message="tns:GetStationDeviceInformationSoapOut" />
        <wsdl:fault name="WmsFault"
wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" message="tns:WmsFaultMessage"
/>
    </wsdl:operation>
    <wsdl:operation name="GetStationFriendlyName">

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        <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationFriendlyName
" message="tns:GetStationFriendlyNameSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationFriendlyName
Response" 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/GetStationInformationR
esponse" 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/GetStationServerNameRe
sponse" 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/GetStationSplitScreenI
nformation" message="tns:GetStationSplitScreenInformationSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationSplitScreenI
nformationResponse" 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/IdentifyStationRespons
e" message="tns:IdentifyStationSoapOut" />
        <wsdl:fault name="WmsFault"
wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" message="tns:WmsFaultMessage"
/>
    </wsdl:operation>
    <wsdl:operation name="RefreshStation">
        <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/RefreshStation"
message="tns:RefreshStationSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/RefreshStationResponse
" message="tns:RefreshStationSoapOut" />
        <wsdl:fault name="WmsFault"
wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" message="tns:WmsFaultMessage"
/>
    </wsdl:operation>
    <wsdl:operation name="RemapStations">
        <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/RemapStations"
message="tns:RemapStationsSoapIn" />

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        <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/BlockUsbStorageDevices
AllStations" message="tns:BlockUsbStorageDevicesAllStationsSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/BlockUsbStorageDevices
AllStationsResponse" 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/UnblockUsbStorageDevic
esAllStations" message="tns:UnblockUsbStorageDevicesAllStationsSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/UnblockUsbStorageDevic
esAllStationsResponse" 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/BlockUsbStorageDevices
Response" 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/UnblockUsbStorageDevic
es" message="tns:UnblockUsbStorageDevicesSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/UnblockUsbStorageDevic
esResponse" 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/IsUsbStorageDeviceBloc
ked" message="tns:IsUsbStorageDeviceBlockedSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/IsUsbStorageDeviceBloc
kedResponse" 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/SetStationAutoLogonRes
ponse" 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/SetStationFriendlyName
Response" 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/SetStationServerNameRe
sponse" 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/StopIdentifyingStation
Response" 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/GetDisplayRotationResp
onse" 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/SetDisplayRotationResp
onse" message="tns:SetDisplayRotationSoapOut" />
        <wsdl:fault name="WmsFault"
wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" message="tns:WmsFaultMessage"
/>
    </wsdl:operation>

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</wsdl:portType>

<wsdl:portType name="IMultiPointSession">
  <wsdl:operation name="CurrentActivity">
    <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/CurrentActivity"
message="tns:CurrentActivitySoapIn" />
    <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/CurrentActivityResponse"
message="tns:CurrentActivitySoapOut" />
    <wsdl:fault name="WmsFault"
wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" message="tns:WmsFaultMessage"
/>
  </wsdl:operation>
  <wsdl:operation name="CloseSessionApplication">
    <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/CloseSessionApplication"
message="tns:CloseSessionApplicationSoapIn" />
    <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/CloseSessionApplicationResponse"
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/ConfigureWebLimitingResponse"
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/ConfigureWebLimitingAllResponse"
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/EnableWebLimitingAllResponse"
message="tns:EnableWebLimitingAllSoapOut" />
    <wsdl:fault name="WmsFault"
wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" message="tns:WmsFaultMessage"
/>
  </wsdl:operation>
  <wsdl:operation name="GetScreenState">

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        <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/GetScreenState"
message="tns:GetScreenStateSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/GetScreenStateResponse"
message="tns:GetScreenStateSoapOut" />
        <wsdl:fault name="WmsFault"
wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" message="tns:WmsFaultMessage"
/>
    </wsdl:operation>
    <wsdl:operation name="GetSessionAgentStatus">
        <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/GetSessionAgentStatus"
message="tns:GetSessionAgentStatusSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/GetSessionAgentStatusR
esponse" 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/GetSessionRunningAppsR
esponse" 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/GetThumbnailBitsRespon
se" 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/IdentifySessionRespons
e" 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/GetSessionFlagsRespons
e" 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" />

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        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/LockSessionResponse"
message="tns:LockSessionSoapOut" />
        <wsdl:fault name="WmsFault"
wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" message="tns:WmsFaultMessage"
/>
    </wsdl:operation>
    <wsdl:operation name="LogOffSession">
        <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/LogOffSession"
message="tns:LogOffSessionSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/LogOffSessionResponse"
message="tns:LogOffSessionSoapOut" />
        <wsdl:fault name="WmsFault"
wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" message="tns:WmsFaultMessage"
/>
    </wsdl:operation>
    <wsdl:operation name="RunFileSession">
        <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/RunFileSession"
message="tns:RunFileSessionSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/RunFileSessionResponse"
message="tns:RunFileSessionSoapOut" />
        <wsdl:fault name="WmsFault"
wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" message="tns:WmsFaultMessage"
/>
    </wsdl:operation>
    <wsdl:operation name="ShareDesktop">
        <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/ShareDesktop"
message="tns:ShareDesktopSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/ShareDesktopResponse"
message="tns:ShareDesktopSoapOut" />
        <wsdl:fault name="WmsFault"
wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" message="tns:WmsFaultMessage"
/>
    </wsdl:operation>
    <wsdl:operation name="StopIdentifyingSession">
        <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/StopIdentifyingSession"
message="tns:StopIdentifyingSessionSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/StopIdentifyingSession
Response" 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/StopLockingSessionResp
onse" 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/StopShareDesktopRespon
se" message="tns:StopShareDesktopSoapOut" />

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        <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/DisconnectSessionRespo
nse" message="tns:DisconnectSessionSoapOut" />
        <wsdl:fault name="WmsFault"
wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" message="tns:WmsFaultMessage"
/>
    </wsdl:operation>
    <wsdl:operation name="LogOffConsoleSession">
        <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/LogOffConsoleSession"
message="tns:LogOffConsoleSessionSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/LogOffConsoleSessionRe
sponse" 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/GetFreeSpaceNee
ded" message="tns:GetFreeSpaceNeededSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/GetFreeSpaceNee
dedResponse" 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/GetModeRespon
se" 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/GetScheduledUpd
ateSettings" message="tns:GetScheduledUpdateSettingsSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/GetScheduledUpd
ateSettingsResponse" message="tns:GetScheduledUpdateSettingsSoapOut" />

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        <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/IsInstalledResp
onse" message="tns:IsInstalledSoapOut" />
        <wsdl:fault name="WmsFault"
wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" message="tns:WmsFaultMessage"
/>
    </wsdl:operation>
    <wsdl:operation name="SetMode">
        <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/SetMode"
message="tns:SetModeSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/SetModeResponse"
" message="tns:SetModeSoapOut" />
        <wsdl:fault name="WmsFault"
wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" message="tns:WmsFaultMessage"
/>
    </wsdl:operation>
    <wsdl:operation name="SetScheduledUpdateSettings">
        <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/SetScheduledUpd
ateSettings" message="tns:SetScheduledUpdateSettingsSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/SetScheduledUpd
ateSettingsResponse" 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/UninstallRespon
se" 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:operation>
</wsdl:portType>

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        <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">
        <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/OnAssociateSessi
onWithStation" message="tns:OnAssociateSessionWithStationSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnAssociateSessi
onWithStationResponse" message="tns:OnAssociateSessionWithStationSoapOut" />
    </wsdl:operation>

```

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        <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/OnBeginIdentifyS
ession" message="tns:OnBeginIdentifySessionSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnBeginIdentifyS
essionResponse" 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/OnBeginIdentifyS
tation" message="tns:OnBeginIdentifyStationSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnBeginIdentifyS
tationResponse" 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/OnBootToConsoleM
odeChange" message="tns:OnBootToConsoleModeChangeSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnBootToConsoleM
odeChangeResponse" 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/OnConfigureStati
on" message="tns:OnConfigureStationSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnConfigureStati
onResponse" 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/OnDesktopMonitor
ingChange" message="tns:OnDesktopMonitoringChangeSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnDesktopMonitor
ingChangeResponse" message="tns:OnDesktopMonitoringChangeSoapOut" />
        <wsdl:fault name="WmsFault"
wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" message="tns:WmsFaultMessage"
/>
    </wsdl:operation>
    <wsdl:operation name="OnDeviceAdded">
        <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnDeviceAdded"
message="tns:OnDeviceAddedSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnDeviceAddedRes
ponse" message="tns:OnDeviceAddedSoapOut" />
        <wsdl:fault name="WmsFault"
wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" message="tns:WmsFaultMessage"
/>
    </wsdl:operation>

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    <wsdl:operation name="OnDeviceRemoved">
      <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnDeviceRemoved"
message="tns:OnDeviceRemovedSoapIn" />
      <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnDeviceRemovedR
esponse" 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/OnEndIdentifySes
sion" message="tns:OnEndIdentifySessionSoapIn" />
      <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnEndIdentifySes
sionResponse" 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/OnEndIdentifySta
tion" message="tns:OnEndIdentifyStationSoapIn" />
      <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnEndIdentifySta
tionResponse" 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/OnEnterSplitScre
en" message="tns:OnEnterSplitScreenSoapIn" />
      <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnEnterSplitScre
enResponse" 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/OnExitSplitScre
en" message="tns:OnExitSplitScreenSoapIn" />
      <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnExitSplitScre
enResponse" 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/OnManagedServerO
ffline" message="tns:OnManagedServerOfflineSoapIn" />
      <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnManagedServerO
fflineResponse" message="tns:OnManagedServerOfflineSoapOut" />
      <wsdl:fault name="WmsFault"
wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" message="tns:WmsFaultMessage"
/>
    </wsdl:operation>
    <wsdl:operation name="OnManagedServerOnline">
      <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnManagedServerO
nline" message="tns:OnManagedServerOnlineSoapIn" />

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        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnManagedServerO
nlineResponse" 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/OnPeerServerAdde
d" message="tns:OnPeerServerAddedSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnPeerServerAdde
dResponse" 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/OnPeerServerDisc
overed" message="tns:OnPeerServerDiscoveredSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnPeerServerDisc
overedResponse" 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/OnPeerServerRemo
ved" message="tns:OnPeerServerRemovedSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnPeerServerRemo
vedResponse" 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/OnProjectionStat
eChange" message="tns:OnProjectionStateChangeSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnProjectionStat
eChangeResponse" 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/OnScheduledUpdat
eSettingsChanged" message="tns:OnScheduledUpdateSettingsChangedSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnScheduledUpdat
eSettingsChangedResponse" 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/OnServiceControl
SessionChange" message="tns:OnServiceControlSessionChangeSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnServiceControl
SessionChangeResponse" message="tns:OnServiceControlSessionChangeSoapOut" />

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        <wsdl:fault name="WmsFault"
wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" message="tns:WmsFaultMessage"
/>
    </wsdl:operation>
    <wsdl:operation name="OnSessionAgentReady">
        <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnSessionAgentRe
ady" message="tns:OnSessionAgentReadySoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnSessionAgentRe
adyResponse" 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/OnSessionBlocked
Response" 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/OnSessionConnect
ing" message="tns:OnSessionConnectingSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnSessionConnect
ingResponse" 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/OnSessionDisconn
ected" message="tns:OnSessionDisconnectedSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnSessionDisconn
ectedResponse" 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/OnSessionUnblock
ed" message="tns:OnSessionUnblockedSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnSessionUnblock
edResponse" 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/OnStationAddedRe
sponse" message="tns:OnStationAddedSoapOut" />
        <wsdl:fault name="WmsFault"
wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" message="tns:WmsFaultMessage"
/>
    </wsdl:operation>

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    <wsdl:operation name="OnStationAlert">
      <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnStationAlert"
message="tns:OnStationAlertSoapIn" />
      <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnStationAlertRe
sponse" message="tns:OnStationAlertSoapOut" />
      <wsdl:fault name="WmsFault"
wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" message="tns:WmsFaultMessage"
/>
    </wsdl:operation>
    <wsdl:operation name="OnStationRemoved">
      <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnStationRemoved
" message="tns:OnStationRemovedSoapIn" />
      <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnStationRemoved
Response" 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/OnSystemAlertRes
ponse" 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/OnSystemModeChan
ge" message="tns:OnSystemModeChangeSoapIn" />
      <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnSystemModeChan
geResponse" 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/OnVirtualDesktop
Notification" message="tns:OnVirtualDesktopNotificationSoapIn" />
      <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnVirtualDesktop
NotificationResponse" 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/OnVirtualDesktop
Online" message="tns:OnVirtualDesktopOnlineSoapIn" />
      <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnVirtualDesktop
OnlineResponse" 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/ShutdownNotifica
tion" message="tns:ShutdownNotificationSoapIn" />

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        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/ShutdownNotifica
tionResponse" 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/OnUserCreatedRes
ponse" message="tns:OnUserCreatedSoapOut" />
        <wsdl:fault name="WmsFault"
wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" message="tns:WmsFaultMessage"
/>
    </wsdl:operation>
    <wsdl:operation name="OnUserUpdated">
        <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnUserUpdated"
message="tns:OnUserUpdatedSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnUserUpdatedRes
ponse" 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/OnUserDeletedRes
ponse" 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/OnGroupUpdatedRe
sponse" 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/GetProtocolV
ersion" 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">

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    <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" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="RequestWmsControlCredentials">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointCredentialRequest/RequestWmsControlCredentials" style="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/OnManagedServerOfflineNotify" style="document" />
        <wsdl: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/OnManagedServerOnlineNotify" style="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>

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    </wsdl:operation>
    <wsdl:operation name="OnNewServerCertificateReady">
      <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointSystemOnlineEventSink/OnNewServerCertificateReady" style="document" />
      <wsdl:input>
        <soap12:body use="literal" />
      </wsdl:input>
      <wsdl:output>
        <soap12:body use="literal" />
      </wsdl:output>
      <wsdl:fault name="WmsFault" />
    </wsdl:operation>
  </wsdl:binding>

  <wsdl:binding name="MultiPointRemoting_IMultiPointServer" type="tns:IMultiPointServer">
    <wsp:PolicyReference URI='#policy' />
    <soap12:binding transport="http://schemas.xmlsoap.org/soap/http" />
    <wsdl:operation name="GetAllSessions">
      <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointServer/GetAllSessions"
style="document" />
      <wsdl:input>
        <soap12:body use="literal" />
      </wsdl:input>
      <wsdl:output>
        <soap12:body use="literal" />
      </wsdl:output>
      <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="GetClientVersion">
      <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointServer/GetClientVersion"
style="document" />
      <wsdl:input>
        <soap12:body use="literal" />
      </wsdl:input>
      <wsdl:output>
        <soap12:body use="literal" />
      </wsdl:output>
      <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="GetPeerWmsServerList">
      <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointServer/GetPeerWmsServerList"
style="document" />
      <wsdl:input>
        <soap12:body use="literal" />
      </wsdl:input>
      <wsdl:output>
        <soap12:body use="literal" />
      </wsdl:output>
      <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="GetPeerWmsConnectorList">
      <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointServer/GetPeerWmsConnectorList"
style="document" />
      <wsdl:input>
        <soap12:body use="literal" />
      </wsdl:input>
      <wsdl:output>
        <soap12:body use="literal" />
      </wsdl:output>
      <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="GetServerVersion">
      <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointServer/GetServerVersion"
style="document" />

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```

    <wsdl:input>
      <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
      <soap12:body use="literal" />
    </wsdl:output>
    <wsdl:fault name="WmsFault" />
  </wsdl:operation>
  <wsdl:operation name="GetSystemAlertStatus">
    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointServer/GetSystemAlertStatus"
style="document" />
    <wsdl:input>
      <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
      <soap12:body use="literal" />
    </wsdl:output>
    <wsdl:fault name="WmsFault" />
  </wsdl:operation>
  <wsdl:operation name="GetSystemMode">
    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointServer/GetSystemMode"
style="document" />
    <wsdl:input>
      <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
      <soap12:body use="literal" />
    </wsdl:output>
    <wsdl:fault name="WmsFault" />
  </wsdl:operation>
  <wsdl:operation name="GetVirtualMachineIpAddress">
    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointServer/GetVirtualMachineIpAdre
ss" style="document" />
    <wsdl:input>
      <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
      <soap12:body use="literal" />
    </wsdl:output>
    <wsdl:fault name="WmsFault" />
  </wsdl:operation>
  <wsdl:operation name="OnboardVirtualDesktop">
    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointServer/OnboardVirtualDesktop"
style="document" />
    <wsdl:input>
      <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
      <soap12:body use="literal" />
    </wsdl:output>
    <wsdl:fault name="WmsFault" />
  </wsdl:operation>
  <wsdl:operation name="Reboot">
    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointServer/Reboot" style="document"
/>
    <wsdl:input>
      <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
      <soap12:body use="literal" />
    </wsdl:output>
    <wsdl:fault name="WmsFault" />
  </wsdl:operation>
  <wsdl:operation name="RegisterChatEventSink">

```

```

    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointServer/RegisterChatEventSink"
style="document" />
    <wsdl:input>
        <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
        <soap12:body use="literal" />
    </wsdl:output>
    <wsdl:fault name="WmsFault" />
</wsdl:operation>
<wsdl:operation name="RegisterCoreEventSink">
    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointServer/RegisterCoreEventSink"
style="document" />
    <wsdl:input>
        <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
        <soap12:body use="literal" />
    </wsdl:output>
    <wsdl:fault name="WmsFault" />
</wsdl:operation>
<wsdl:operation name="Shutdown">
    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointServer/Shutdown"
style="document" />
    <wsdl:input>
        <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
        <soap12:body use="literal" />
    </wsdl:output>
    <wsdl:fault name="WmsFault" />
</wsdl:operation>
<wsdl:operation name="UnregisterChatEventSink">
    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointServer/UnregisterChatEventSink"
style="document" />
    <wsdl:input>
        <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
        <soap12:body use="literal" />
    </wsdl:output>
    <wsdl:fault name="WmsFault" />
</wsdl:operation>
<wsdl:operation name="UnregisterCoreEventSink">
    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointServer/UnregisterCoreEventSink"
style="document" />
    <wsdl:input>
        <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
        <soap12:body use="literal" />
    </wsdl:output>
    <wsdl:fault name="WmsFault" />
</wsdl:operation>
<wsdl:operation name="EnableChat">
    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointServer/EnableChat"
style="document" />
    <wsdl:input>
        <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
        <soap12:body use="literal" />
    </wsdl:output>
    <wsdl:fault name="WmsFault" />

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    </wsdl:operation>
    <wsdl:operation name="GetLicenseCount">
      <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointServer/GetLicenseCount"
style="document" />
      <wsdl:input>
        <soap12:body use="literal" />
      </wsdl:input>
      <wsdl:output>
        <soap12:body use="literal" />
      </wsdl:output>
      <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="GetManagedSystemsType">
      <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointServer/GetManagedSystemsType"
style="document" />
      <wsdl:input>
        <soap12:body use="literal" />
      </wsdl:input>
      <wsdl:output>
        <soap12:body use="literal" />
      </wsdl:output>
      <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="GetNetJoinStatus">
      <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointServer/GetNetJoinStatus"
style="document" />
      <wsdl:input>
        <soap12:body use="literal" />
      </wsdl:input>
      <wsdl:output>
        <soap12:body use="literal" />
      </wsdl:output>
      <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="GetVirtualMachineHostname">
      <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointServer/GetVirtualMachineHostnam
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="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>

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        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="IsAdminOrchestrationMode">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointServer/IsAdminOrchestrationMode
" style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="IsChatEnabled">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointServer/IsChatEnabled"
style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="IsDesktopMonitoringAllowed">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointServer/IsDesktopMonitoringAllow
ed" style="document" />
        <wsdl: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/IsSuppressPrivacyNotific
ationSet" 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="IsVirtualIpPerSessionEnabled">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointServer/IsVirtualIpPerSessionEna
bled" style="document" />
        <wsdl: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/SetAdminOrchestrationMod
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="SetSuppressPrivacyNotification">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointServer/SetSuppressPrivacyNotifi
cation" 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="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/EnableVirtualIpPerSessio
n" style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
<wsdl:operation name="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/GetReplacementSslCertifi
cate" style="document" />
        <wsdl: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/GetNextStationIdentifie
r" style="document" />
    <wsdl: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/GetStationAutoLogonInfo
rmation" style="document" />
    <wsdl: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/GetStationDeviceInforma
tion" 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="GetStationFriendlyName">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationFriendlyName"
style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="GetStationInformation">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationInformation"
style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="GetStationServerName">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationServerName"
style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="GetStationSplitScreenInformation">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationSplitScreenIn
formation" style="document" />
        <wsdl: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/BlockUsbStorageDevicesA
llStations" style="document" />
    <wsdl: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/UnblockUsbStorageDevice
sAllStations" style="document" />
    <wsdl: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/UnblockUsbStorageDevice
s" style="document" />
    <wsdl: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">

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    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointStation/IsUsbStorageDeviceBlock
ed" style="document" />
    <wsdl: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" />

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    </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">

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    <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" />

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    </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>

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        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="ShareDesktop">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointSession/ShareDesktop"
style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="StopIdentifyingSession">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointSession/StopIdentifyingSession"
style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="StopLockingSession">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointSession/StopLockingSession"
style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="StopShareDesktop">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointSession/StopShareDesktop"
style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="ViewDesktop">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointSession/ViewDesktop"
style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="DisconnectSession">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointSession/DisconnectSession"
style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>

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        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="LogOffConsoleSession">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointSession/LogOffConsoleSession"
style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
</wsdl:binding>

    <wsdl:binding name="MultiPointRemoting_IMultiPointDiskProtection"
type="tns:IMultiPointDiskProtection">
        <wsp:PolicyReference URI='#policy' />
        <soap12:binding transport="http://schemas.xmlsoap.org/soap/http" />
        <wsdl:operation name="GetFreeSpaceNeeded">
            <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/GetFreeSpaceNeed
ed" style="document" />
            <wsdl: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/GetScheduledUpda
teSettings" style="document" />
            <wsdl: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:binding>

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```

    </wsdl:operation>
    <wsdl:operation name="IsInstalled">
      <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/IsInstalled"
style="document" />
      <wsdl:input>
        <soap12:body use="literal" />
      </wsdl:input>
      <wsdl:output>
        <soap12:body use="literal" />
      </wsdl:output>
      <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="SetMode">
      <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/SetMode"
style="document" />
      <wsdl:input>
        <soap12:body use="literal" />
      </wsdl:input>
      <wsdl:output>
        <soap12:body use="literal" />
      </wsdl:output>
      <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="SetScheduledUpdateSettings">
      <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/SetScheduledUpda
teSettings" style="document" />
      <wsdl: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" />

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```

    <wsdl:input>
      <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
      <soap12:body use="literal" />
    </wsdl:output>
    <wsdl:fault name="WmsFault" />
  </wsdl:operation>
  <wsdl:operation name="GetChatId">
    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointChat/GetChatId"
style="document" />
    <wsdl:input>
      <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
      <soap12:body use="literal" />
    </wsdl:output>
    <wsdl:fault name="WmsFault" />
  </wsdl:operation>
  <wsdl:operation name="Ping">
    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointChat/Ping" style="document" />
    <wsdl:input>
      <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
      <soap12:body use="literal" />
    </wsdl:output>
    <wsdl:fault name="WmsFault" />
  </wsdl:operation>
  <wsdl:operation name="SendError">
    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointChat/SendError"
style="document" />
    <wsdl:input>
      <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
      <soap12:body use="literal" />
    </wsdl:output>
    <wsdl:fault name="WmsFault" />
  </wsdl:operation>
  <wsdl:operation name="SendMsg">
    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointChat/SendMsg" style="document"
/>
    <wsdl:input>
      <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
      <soap12:body use="literal" />
    </wsdl:output>
    <wsdl:fault name="WmsFault" />
  </wsdl:operation>
</wsdl:binding>

  <wsdl:binding name="MultiPointRemoting_IMultiPointCoreEventSink"
type="tns:IMultiPointCoreEventSink">
    <wsp:PolicyReference URI='#policy' />
    <soap12:binding transport="http://schemas.xmlsoap.org/soap/http" />
    <wsdl:operation name="OnAssociateSessionWithStation">
      <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnAssociateSessio
nWithStation" style="document" />
      <wsdl:input>
        <soap12:body use="literal" />
      </wsdl:input>
      <wsdl:output>
        <soap12:body use="literal" />
      </wsdl:output>
    </wsdl:operation>
  </wsdl:binding>

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        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="OnBeginIdentifySession">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnBeginIdentifySe
ssion" style="document" />
        <wsdl: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/OnBeginIdentifySt
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="OnBootToConsoleModeChange">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnBootToConsoleMo
deChange" style="document" />
        <wsdl: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/OnConfigureStatio
n" style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="OnDesktopMonitoringChange">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnDesktopMonitori
ngChange" style="document" />
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    </wsdl:operation>
    <wsdl:operation name="OnDeviceAdded">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnDeviceAdded"
style="document" />
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    </wsdl:operation>

```

```

        <wsdl:output>
            <soap12:body use="literal" />
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style="document" />
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            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="OnEndIdentifySession">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnEndIdentifySess
ion" style="document" />
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            <soap12:body use="literal" />
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        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="OnEndIdentifyStation">
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ion" style="document" />
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        </wsdl:input>
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            <soap12:body use="literal" />
        </wsdl:output>
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    </wsdl:operation>
    <wsdl:operation name="OnEnterSplitScreen">
        <soap12:operation
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n" style="document" />
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            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
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        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="OnExitSplitScreen">
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soapAction="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnExitSplitScreen
" style="document" />
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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="OnManagedServerOffline">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnManagedServerOf
fline" style="document" />
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```

```

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    </wsdl:input>
    <wsdl:output>
        <soap12:body use="literal" />
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</wsdl:operation>
<wsdl:operation name="OnManagedServerOnline">
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line" style="document" />
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        <soap12:body use="literal" />
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</wsdl:operation>
<wsdl:operation name="OnPeerServerAdded">
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" style="document" />
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        <soap12:body use="literal" />
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</wsdl:operation>
<wsdl:operation name="OnPeerServerDiscovered">
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vered" style="document" />
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    <wsdl:fault name="WmsFault" />
</wsdl:operation>
<wsdl:operation name="OnPeerServerRemoved">
    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnPeerServerRemov
ed" style="document" />
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        <soap12:body use="literal" />
    </wsdl:output>
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<wsdl:operation name="OnProjectionStateChange">
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soapAction="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnProjectionState
Change" style="document" />
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    </wsdl:input>
    <wsdl:output>
        <soap12:body use="literal" />
    </wsdl:output>
    <wsdl:fault name="WmsFault" />
</wsdl:operation>
<wsdl:operation name="OnScheduledUpdateSettingsChanged">

```



```

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SettingsChanged" style="document" />
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        <soap12:body use="literal" />
    </wsdl:output>
    <wsdl:fault name="WmsFault" />
</wsdl:operation>
<wsdl:operation name="OnServiceControlSessionChange">
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soapAction="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnServiceControlS
essionChange" style="document" />
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        <soap12:body use="literal" />
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    <wsdl:output>
        <soap12:body use="literal" />
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<wsdl:operation name="OnSessionAgentReady">
    <soap12:operation
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dy" style="document" />
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<wsdl:operation name="OnSessionBlocked">
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style="document" />
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    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnSessionConnecti
ng" style="document" />
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    <wsdl:fault name="WmsFault" />
</wsdl:operation>
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    <soap12:operation
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```

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    <wsdl:operation name="OnStationAdded">
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style="document" />
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        </wsdl:input>
        <wsdl:output>
          <soap12:body use="literal" />
        </wsdl:output>
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      </wsdl:operation>
    <wsdl:operation name="OnStationAlert">
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soapAction="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnStationAlert"
style="document" />
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        <wsdl:output>
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        <wsdl:fault name="WmsFault" />
      </wsdl:operation>
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      <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnStationRemoved"
style="document" />
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        <wsdl:fault name="WmsFault" />
      </wsdl:operation>
    <wsdl:operation name="OnSystemAlert">
      <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnSystemAlert"
style="document" />
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        <wsdl:output>
          <soap12:body use="literal" />
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        <wsdl:fault name="WmsFault" />
      </wsdl:operation>
    <wsdl:operation name="OnSystemModeChange">
      <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnSystemModeChang
e" style="document" />
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        <wsdl:output>
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```

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    </wsdl:operation>
    <wsdl:operation name="OnVirtualDesktopNotification">
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otification" style="document" />
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            <soap12:body use="literal" />
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        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="OnVirtualDesktopOnline">
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nline" style="document" />
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    </wsdl:operation>
    <wsdl:operation name="ShutdownNotification">
        <soap12:operation
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ion" style="document" />
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            <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" />
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    </wsdl:operation>
    <wsdl:operation name="OnUserUpdated">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnUserUpdated"
style="document" />
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    </wsdl:operation>
    <wsdl:operation name="OnUserDeleted">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnUserDeleted"
style="document" />
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```

```

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        </wsdl:output>
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    <wsdl:operation name="OnGroupUpdated">
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style="document" />
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        <wsdl:output>
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        </wsdl:output>
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    <wsdl:port name="MultiPointRemoting_IMultiPointCertificateRequest"
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    </wsdl:port>
    <wsdl:port name="MultiPointRemoting_IMultiPointCredentialRequest"
binding="tns:MultiPointRemoting_IMultiPointCredentialRequest">
        <soap12:address location="https://MultiPoint/RemoteManagement" />
    </wsdl:port>
    <wsdl:port name="MultiPointRemoting_IMultiPointServer"
binding="tns:MultiPointRemoting_IMultiPointServer">
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    </wsdl:port>
    <wsdl:port name="MultiPointRemoting_IMultiPointUserManager"
binding="tns:MultiPointRemoting_IMultiPointUserManager">
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    </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 (Updated Section) Appendix B: Product Behavior

The information in this specification is applicable to the following Microsoft products or supplemental software. References to product versions include updates to those products.

- Windows 10 operating system
- Windows Server 2016 operating system
- Windows Server 2019 operating system
- Windows Server 2022 operating system

▪ Windows 11 operating system

Exceptions, if any, are noted in this section. If an update version, service pack or Knowledge Base (KB) number appears with a product name, the behavior changed in that update. The new behavior also applies to subsequent updates 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 ~~<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 |
|--------------------------------|---|----------------|
| 7 Appendix B: Product Behavior | Updated for this version of Windows Client. | Major |

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