

# [MS-RSMC]:

## Remote Session Monitoring and Control Protocol

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## Revision Summary

Date	Revision History	Revision Class	Comments
6/30/2015	1.0	New	Released new document.
10/16/2015	2.0	Major	Significantly changed the technical content.
7/14/2016	3.0	Major	Significantly changed the technical content.
6/1/2017	4.0	Major	Significantly changed the technical content.
12/1/2017	5.0	Major	Significantly changed the technical content.
9/12/2018	6.0	Major	Significantly changed the technical content.
4/7/2021	7.0	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 [dochelp@microsoft.com](mailto:dochelp@microsoft.com). We will assist you in finding the relevant information.

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

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

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

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

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

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

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

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



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

### 1.2.2 Informative References

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

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

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

### 1.3 Overview

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

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

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

### 1.4 Relationship to Other Protocols

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

### 1.5 Prerequisites/Preconditions

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

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

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

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

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

## 1.6 Applicability Statement

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

## 1.7 Versioning and Capability Negotiation

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

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

## 1.8 Vendor-Extensible Fields

None.

## 1.9 Standards Assignments

None.

## 2 Messages

### 2.1 Transport

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

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

### 2.2 Common Message Syntax

#### 2.2.1 Namespaces

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

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

#### 2.2.2 Messages

This specification does not define any common WSDL message definitions.

#### 2.2.3 Elements

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

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

##### 2.2.3.1 WmsFaultType

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

## 2.2.4 Complex Types

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

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

### 2.2.4.1 ArrayOfBytes

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

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

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

### 2.2.4.2 ArrayOfStrings

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

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

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

### 2.2.4.3 WmsFaultType

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

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

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

## 2.2.5 Simple Types

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

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

### 2.2.5.1 Guid

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

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

## 2.2.6 Attributes

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

## 2.2.7 Groups

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

## 2.2.8 Attribute Groups

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

## 2.2.9 Common Data Structures

This specification does not define any common data structures.

## 2.3 Directory Service Schema Elements

This specification does not define any directory service schema elements.

## 3 Protocol Details

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

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

### 3.1 IMultiPointCertificateRequest Server Details

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

#### 3.1.1 Abstract Data Model

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

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

#### 3.1.2 Timers

None.

#### 3.1.3 Initialization

None.

#### 3.1.4 Message Processing Events and Sequencing Rules

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

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

### 3.1.4.1 GetProtocolVersion Operation

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

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

#### 3.1.4.1.1 Messages

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

### 3.1.4.1.2 Elements

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

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

#### 3.1.4.1.2.1 GetProtocolVersion

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

#### 3.1.4.1.2.2 GetProtocolVersionResponse

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

### 3.1.4.1.3 Complex Types

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

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

#### 3.1.4.1.3.1 GetProtocolVersionRequestBody

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



### 3.1.4.1.3.2 GetProtocolVersionResponseBody

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

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

### 3.1.4.2 RequestSslCertificate Operation

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

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

#### 3.1.4.2.1 Messages

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

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

#### 3.1.4.2.1.1 IMultiPointCertificateRequest\_RequestSslCertificate\_InputMessage Message

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

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

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

### 3.1.4.2.1.2 IMultiPointCertificateRequest\_RequestSslCertificate\_OutputMessage Message

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

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

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

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

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

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

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

### 3.1.4.2.2 Elements

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

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

#### 3.1.4.2.2.1 RequestSslCertificate

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

#### 3.1.4.2.2.2 RequestSslCertificateResponse

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

### 3.1.4.2.3 Complex Types

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

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

### 3.1.4.2.3.1 RequestSslCertificateRequestBody

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

### 3.1.4.2.3.2 RequestSslCertificateResponseBody

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

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

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

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

### 3.1.5 Timer Events

None.

### 3.1.6 Other Local Events

None.

## 3.2 IMultiPointChat Server Details

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

### 3.2.1 Abstract Data Model

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

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

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

### 3.2.2 Timers

None.

### 3.2.3 Initialization

None.

### 3.2.4 Message Processing Events and Sequencing Rules

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

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

#### 3.2.4.1 Connect Operation

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

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

##### 3.2.4.1.1 Messages

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

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

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

#### 3.2.4.1.1.1 IMultiPointChat\_Connect\_InputMessage Message

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

The **SOAP action** value is:

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

#### 3.2.4.1.1.2 IMultiPointChat\_Connect\_OutputMessage Message

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

The **SOAP action** value is:

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

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

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

The **SOAP action** value is:

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

#### 3.2.4.1.2 Elements

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

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

#### 3.2.4.1.2.1 Connect

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

### 3.2.4.1.2.2 ConnectResponse

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

### 3.2.4.1.3 Complex Types

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

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

#### 3.2.4.1.3.1 ConnectRequestBody

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

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

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

#### 3.2.4.1.3.2 ConnectResponseBody

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

### 3.2.4.2 Disconnect Operation

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

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

### 3.2.4.2.1 Messages

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

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

#### 3.2.4.2.1.1 IMultiPointChat\_Disconnect\_InputMessage Message

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

The **SOAP action** value is:

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

#### 3.2.4.2.1.2 IMultiPointChat\_Disconnect\_OutputMessage Message

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

The **SOAP action** value is:

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

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

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

The **SOAP action** value is:

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

### 3.2.4.2.2 Elements

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

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

### 3.2.4.2.2.1 Disconnect

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

### 3.2.4.2.2.2 DisconnectResponse

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

### 3.2.4.2.3 Complex Types

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

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

#### 3.2.4.2.3.1 DisconnectRequestBody

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

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

#### 3.2.4.2.3.2 DisconnectResponseBody

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

### 3.2.4.3 GetChatId Operation

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

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



```

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

```

### 3.2.4.3.1 Messages

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

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

#### 3.2.4.3.1.1 IMultiPointChat\_GetChatId\_InputMessage Message

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

The **SOAP action** value is:

```

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

```

#### 3.2.4.3.1.2 IMultiPointChat\_GetChatId\_OutputMessage Message

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

The **SOAP action** value is:

```

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

```

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

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

The **SOAP action** value is:

```

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

```

### 3.2.4.3.2 Elements

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

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

#### 3.2.4.3.2.1 GetChatId

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

#### 3.2.4.3.2.2 GetChatIdResponse

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

### 3.2.4.3.3 Complex Types

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

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

#### 3.2.4.3.3.1 GetChatIdRequestBody

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

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

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

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

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

#### 3.2.4.3.3.2 GetChatIdResponseBody

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

```

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

```

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

### 3.2.4.4 Ping Operation

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

```

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

```

#### 3.2.4.4.1 Messages

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

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

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

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

The **SOAP action** value is:

```

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

```

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

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

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointChat/PingResponse

```

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

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

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

The **SOAP action** value is:

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

### 3.2.4.4.2 Elements

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

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

#### 3.2.4.4.2.1 Ping

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

#### 3.2.4.4.2.2 PingResponse

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

#### 3.2.4.4.3 Complex Types

None.

### 3.2.4.5 SendError Operation

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

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

```

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

```

### 3.2.4.5.1 Messages

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

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

#### 3.2.4.5.1.1 IMultiPointChat\_SendError\_InputMessage Message

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

The **SOAP action** value is:

```

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

```

#### 3.2.4.5.1.2 IMultiPointChat\_SendError\_OutputMessage Message

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

The **SOAP action** value is:

```

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

```

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

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

The **SOAP action** value is:

```

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

```

### 3.2.4.5.2 Elements

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

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

### 3.2.4.5.2.1 SendError

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

### 3.2.4.5.2.2 SendErrorResponse

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

### 3.2.4.5.3 Complex Types

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

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

#### 3.2.4.5.3.1 SendErrorRequestBody

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

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

**hrError:** Contains the error code.

**wsErrorMsg:** Contains the error message.

#### 3.2.4.5.3.2 SendErrorResponseBody

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

### 3.2.4.6 SendMsg Operation

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

```

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

```

### 3.2.4.6.1 Messages

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

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

#### 3.2.4.6.1.1 IMultiPointChat\_SendMsg\_InputMessage Message

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

The **SOAP action** value is:

```

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

```

#### 3.2.4.6.1.2 IMultiPointChat\_SendMsg\_OutputMessage Message

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

The **SOAP action** value is:

```

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

```

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

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

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/WmsFault

```

```

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

```

### 3.2.4.6.2 Elements

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

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

#### 3.2.4.6.2.1 SendMsg

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

#### 3.2.4.6.2.2 SendMsgResponse

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

### 3.2.4.6.3 Complex Types

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

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

#### 3.2.4.6.3.1 SendMsgRequestBody

```

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

```

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

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

#### 3.2.4.6.3.2 SendMsgResponseBody

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



### 3.2.5 Timer Events

None.

### 3.2.6 Other Local Events

None.

## 3.3 IMultiPointCoreEventSink Server Details

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

### 3.3.1 Abstract Data Model

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

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

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

### 3.3.2 Timers

None.

### 3.3.3 Initialization

None.

### 3.3.4 Message Processing Events and Sequencing Rules

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

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

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

### 3.3.4.1 OnAssociateSessionWithStation Operation

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

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

#### 3.3.4.1.1 Messages

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

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

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

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

The **SOAP action** value is:

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

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

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

The **SOAP action** value is:

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

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

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

The **SOAP action** value is:

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

### 3.3.4.1.2 Elements

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

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

#### 3.3.4.1.2.1 OnAssociateSessionWithStation

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

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

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

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

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

### 3.3.4.1.2.2 OnAssociateSessionWithStationResponse

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

### 3.3.4.1.3 Complex Types

None.

### 3.3.4.2 OnBeginIdentifySession Operation

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

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

#### 3.3.4.2.1 Messages

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

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

#### 3.3.4.2.1.1 IMultiPointCoreEventSink\_OnBeginIdentifySession\_InputMessage Message

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

The **SOAP action** value is:

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

### 3.3.4.2.1.2 IMultiPointCoreEventSink\_OnBeginIdentifySession\_OutputMessage Message

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

The **SOAP action** value is:

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

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

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

The **SOAP action** value is:

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

### 3.3.4.2.2 Elements

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

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

#### 3.3.4.2.2.1 OnBeginIdentifySession

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

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

#### 3.3.4.2.2.2 OnBeginIdentifySessionResponse

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

### 3.3.4.2.3 Complex Types

None.

### 3.3.4.3 OnBeginIdentifyStation Operation

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

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

#### 3.3.4.3.1 Messages

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

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

#### 3.3.4.3.1.1 IMultiPointCoreEventSink\_OnBeginIdentifyStation\_InputMessage Message

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

The **SOAP action** value is:

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

#### 3.3.4.3.1.2 IMultiPointCoreEventSink\_OnBeginIdentifyStation\_OutputMessage Message

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

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnBeginIdentifyStationResponse
<wsdl:message name="IMultiPointCoreEventSink_OnBeginIdentifyStation_OutputMessage">
  <wsdl:part name="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
    hangeResponse" name="IMultiPointCoreEventSink_OnBootToConsoleModeChange_OutputMessage"
    message="tns:IMultiPointCoreEventSink_OnBootToConsoleModeChange_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointCoreEventSink_OnBootToConsoleModeChange_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.3.4.4.1 Messages

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

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

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

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

The **SOAP action** value is:

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

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

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

The **SOAP action** value is:

```

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

```

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

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

The **SOAP action** value is:

```

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

```

### 3.3.4.4.2 Elements

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

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

#### 3.3.4.4.2.1 OnBootToConsoleModeChange

```

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

```

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

#### 3.3.4.4.2.2 OnBootToConsoleModeChangeResponse

```

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

```

#### 3.3.4.4.3 Complex Types

None.

### 3.3.4.5 OnConfigureStation Operation

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

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

#### 3.3.4.5.1 Messages

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

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

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

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

The **SOAP action** value is:

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

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

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

The **SOAP action** value is:

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

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

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

The **SOAP action** value is:

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

### 3.3.4.5.2 Elements

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

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

#### 3.3.4.5.2.1 OnConfigureStation

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

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

#### 3.3.4.5.2.2 OnConfigureStationResponse

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

### 3.3.4.5.3 Complex Types

None.

### 3.3.4.6 OnDesktopMonitoringChange Operation

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

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

```

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

```

### 3.3.4.6.1 Messages

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

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

#### 3.3.4.6.1.1 IMultiPointCoreEventSink\_OnDesktopMonitoringChange\_InputMessage Message

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

The **SOAP action** value is:

```

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

```

#### 3.3.4.6.1.2 IMultiPointCoreEventSink\_OnDesktopMonitoringChange\_OutputMessage Message

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

The **SOAP action** value is:

```

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

```

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

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

The **SOAP action** value is:

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

### 3.3.4.6.2 Elements

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

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

#### 3.3.4.6.2.1 OnDesktopMonitoringChange

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

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

#### 3.3.4.6.2.2 OnDesktopMonitoringChangeResponse

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

### 3.3.4.6.3 Complex Types

None.

### 3.3.4.7 OnDeviceAdded Operation

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

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

```

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

```

### 3.3.4.7.1 Messages

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

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

#### 3.3.4.7.1.1 IMultiPointCoreEventSink\_OnDeviceAdded\_InputMessage Message

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

The **SOAP action** value is:

```

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

```

#### 3.3.4.7.1.2 IMultiPointCoreEventSink\_OnDeviceAdded\_OutputMessage Message

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

The **SOAP action** value is:

```

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

```

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

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

The **SOAP action** value is:

```

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

```

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

### 3.3.4.7.2 Elements

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

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

#### 3.3.4.7.2.1 OnDeviceAdded

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

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

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

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



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

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

### 3.3.4.7.2 OnDeviceAddedResponse

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

### 3.3.4.7.3 Complex Types

None.

### 3.3.4.8 OnDeviceRemoved Operation

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

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

### 3.3.4.8.1 Messages

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

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

### 3.3.4.8.1.1 IMultiPointCoreEventSink\_OnDeviceRemoved\_InputMessage Message

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

The **SOAP action** value is:

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

### 3.3.4.8.1.2 IMultiPointCoreEventSink\_OnDeviceRemoved\_OutputMessage Message

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

The **SOAP action** value is:

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

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

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

The **SOAP action** value is:

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

### 3.3.4.8.2 Elements

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

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

### 3.3.4.8.2.1 OnDeviceRemoved

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

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

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

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

Value	Meaning
21	virtual gpu
22	touch screen

**cDevices:** Number of devices.

### 3.3.4.8.2 OnDeviceRemovedResponse

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

### 3.3.4.8.3 Complex Types

None.

### 3.3.4.9 OnEndIdentifySession Operation

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

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

#### 3.3.4.9.1 Messages

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

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

#### 3.3.4.9.1.1 IMultiPointCoreEventSink\_OnEndIdentifySession\_InputMessage Message

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

The **SOAP action** value is:

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

### 3.3.4.9.1.2 IMultiPointCoreEventSink\_OnEndIdentifySession\_OutputMessage Message

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

The **SOAP action** value is:

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

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

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

The **SOAP action** value is:

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

### 3.3.4.9.2 Elements

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

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

#### 3.3.4.9.2.1 OnEndIdentifySession

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

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

### 3.3.4.9.2.2 OnEndIdentifySessionResponse

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

### 3.3.4.9.3 Complex Types

None.

### 3.3.4.10 OnEndIdentifyStation Operation

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

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

#### 3.3.4.10.1 Messages

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

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

#### 3.3.4.10.1.1 IMultiPointCoreEventSink\_OnEndIdentifyStation\_InputMessage Message

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

The **SOAP action** value is:

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

#### 3.3.4.10.1.2 IMultiPointCoreEventSink\_OnEndIdentifyStation\_OutputMessage Message

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

The **SOAP action** value is:

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

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

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

The **SOAP action** value is:

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

### 3.3.4.10.2 Elements

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

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

#### 3.3.4.10.2.1 OnEndIdentifyStation

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

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

#### 3.3.4.10.2.2 OnEndIdentifyStationResponse

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

### 3.3.4.10.3 Complex Types

None.

### 3.3.4.11 OnEnterSplitScreen Operation

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

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

#### 3.3.4.11.1 Messages

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

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

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

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

The **SOAP action** value is:

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

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

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

The **SOAP action** value is:

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



### 3.3.4.11.1.3 IMultiPointCoreEventSink\_OnEnterSplitScreen\_WmsFaultType\_FaultMessage

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

The **SOAP** action value is:

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

### 3.3.4.11.2 Elements

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

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

#### 3.3.4.11.2.1 OnEnterSplitScreen

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

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

#### 3.3.4.11.2.2 OnEnterSplitScreenResponse

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

### 3.3.4.11.3 Complex Types

None.

### 3.3.4.12 OnExitSplitScreen Operation

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

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

```

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

```

### 3.3.4.12.1 Messages

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

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

#### 3.3.4.12.1.1 IMultiPointCoreEventSink\_OnExitSplitScreen\_InputMessage Message

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

The **SOAP action** value is:

```

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

```

#### 3.3.4.12.1.2 IMultiPointCoreEventSink\_OnExitSplitScreen\_OutputMessage Message

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

The **SOAP action** value is:

```

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

```

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

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

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/WmsFault

```

```

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

```

### 3.3.4.12.2 Elements

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

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

#### 3.3.4.12.2.1 OnExitSplitScreen

```

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

```

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

#### 3.3.4.12.2.2 OnExitSplitScreenResponse

```

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

```

### 3.3.4.12.3 Complex Types

None.

### 3.3.4.13 OnManagedServerOffline Operation

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

```

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

```

</wsdl:operation>

### 3.3.4.13.1 Messages

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

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

#### 3.3.4.13.1.1 IMultiPointCoreEventSink\_OnManagedServerOffline\_InputMessage Message

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

The **SOAP action** value is:

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

#### 3.3.4.13.1.2 IMultiPointCoreEventSink\_OnManagedServerOffline\_OutputMessage Message

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

The **SOAP action** value is:

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

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

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

The **SOAP action** value is:

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

### 3.3.4.13.2 Elements

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

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

#### 3.3.4.13.2.1 OnManagedServerOffline

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

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

#### 3.3.4.13.2.2 OnManagedServerOfflineResponse

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

### 3.3.4.13.3 Complex Types

None

### 3.3.4.14 OnManagedServerOnline Operation

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

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

#### 3.3.4.14.1 Messages

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

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

#### 3.3.4.14.1.1 IMultiPointCoreEventSink\_OnManagedServerOnline\_InputMessage Message

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

The **SOAP action** value is:

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

#### 3.3.4.14.1.2 IMultiPointCoreEventSink\_OnManagedServerOnline\_OutputMessage Message

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

The **SOAP action** value is:

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

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

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

The **SOAP action** value is:

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

#### 3.3.4.14.2 Elements

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

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

### 3.3.4.14.2.1 OnManagedServerOnline

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

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

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

### 3.3.4.14.2.2 OnManagedServerOnlineResponse

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

### 3.3.4.14.3 Complex Types

None.

### 3.3.4.15 OnPeerServerAdded Operation

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

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

#### 3.3.4.15.1 Messages

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

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

### 3.3.4.15.1.1 IMultiPointCoreEventSink\_OnPeerServerAdded\_InputMessage Message

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

The **SOAP action** value is:

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

### 3.3.4.15.1.2 IMultiPointCoreEventSink\_OnPeerServerAdded\_OutputMessage Message

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

The **SOAP action** value is:

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

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

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

The **SOAP action** value is:

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

### 3.3.4.15.2 Elements

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

Element	Description
<OnPeerServerAdded>	Input parameters element



Element	Description
<OnPeerServerAddedResponse>	Output data element

### 3.3.4.15.2.1 OnPeerServerAdded

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

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

### 3.3.4.15.2.2 OnPeerServerAddedResponse

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

### 3.3.4.15.3 Complex Types

None.

### 3.3.4.16 OnPeerServerDiscovered Operation

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

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

### 3.3.4.16.1 Messages

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

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

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

### 3.3.4.16.1.1 IMultiPointCoreEventSink\_OnPeerServerDiscovered\_InputMessage Message

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

The **SOAP action** value is:

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

### 3.3.4.16.1.2 IMultiPointCoreEventSink\_OnPeerServerDiscovered\_OutputMessage Message

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

The **SOAP action** value is:

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

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

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

The **SOAP action** value is:

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

## 3.3.4.16.2 Elements

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

Element	Description
<OnPeerServerDiscovered>	Input parameters element

Element	Description
<OnPeerServerDiscoveredResponse>	Output data element

### 3.3.4.16.2.1 OnPeerServerDiscovered

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

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

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

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

Value	Meaning
0	MultiPoint Service Machine
1	MultiPoint Connector Machine

### 3.3.4.16.2.2 OnPeerServerDiscoveredResponse

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

### 3.3.4.16.3 Complex Types

None.

### 3.3.4.17 OnPeerServerRemoved Operation

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

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

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

### 3.3.4.17.1 Messages

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

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

#### 3.3.4.17.1.1 IMultiPointCoreEventSink\_OnPeerServerRemoved\_InputMessage Message

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

The **SOAP action** value is:

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

#### 3.3.4.17.1.2 IMultiPointCoreEventSink\_OnPeerServerRemoved\_OutputMessage Message

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

The **SOAP action** value is:

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

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

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

The **SOAP action** value is:

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

### 3.3.4.17.2 Elements

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

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

#### 3.3.4.17.2.1 OnPeerServerRemoved

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

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

#### 3.3.4.17.2.2 OnPeerServerRemovedResponse

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

### 3.3.4.17.3 Complex Types

None.

### 3.3.4.18 OnProjectionStateChange Operation

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

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

#### 3.3.4.18.1 Messages

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

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

### 3.3.4.18.1.1 IMultiPointCoreEventSink\_OnProjectionStateChange\_InputMessage Message

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

The **SOAP action** value is:

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

### 3.3.4.18.1.2 IMultiPointCoreEventSink\_OnProjectionStateChange\_OutputMessage Message

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

The **SOAP action** value is:

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

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

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

The **SOAP action** value is:

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

## 3.3.4.18.2 Elements

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

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

### 3.3.4.18.2.1 OnProjectionStateChange

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

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

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

Value	Meaning
0	quiescent
1	projecting
2	controlled
3	viewing

### 3.3.4.18.2.2 OnProjectionStateChangeResponse

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

### 3.3.4.18.3 Complex Types

None.

### 3.3.4.19 OnScheduledUpdateSettingsChanged Operation

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

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

```

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

```

### 3.3.4.19.1 Messages

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

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

#### 3.3.4.19.1.1 IMultiPointCoreEventSink\_OnScheduledUpdateSettingsChanged\_InputMessage Message

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

The **SOAP action** value is:

```

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

```

#### 3.3.4.19.1.2 IMultiPointCoreEventSink\_OnScheduledUpdateSettingsChanged\_OutputMessage Message

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

The **SOAP action** value is:

```

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

```

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



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

The **SOAP action** value is:

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

### 3.3.4.19.2 Elements

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

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

#### 3.3.4.19.2.1 OnScheduledUpdateSettingsChanged

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

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

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

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

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

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

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

Value	Meaning
0	shutdown
1	last known state

### 3.3.4.19.2 OnScheduledUpdateSettingsChangedResponse

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

### 3.3.4.19.3 Complex Types

None.

### 3.3.4.20 OnServiceControlSessionChange Operation

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

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

### 3.3.4.20.1 Messages

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

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

### 3.3.4.20.1.1 IMultiPointCoreEventSink\_OnServiceControlSessionChange\_InputMessage Message

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

The **SOAP action** value is:

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

### 3.3.4.20.1.2 IMultiPointCoreEventSink\_OnServiceControlSessionChange\_OutputMessage Message

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

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/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>
```

## 3.3.4.20.2 Elements

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

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

### 3.3.4.20.2.1 OnServiceControlSessionChange

```

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

```

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

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

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

### 3.3.4.20.2 OnServiceControlSessionChangeResponse

```

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

```

### 3.3.4.20.3 Complex Types

None.

### 3.3.4.21 OnSessionAgentReady Operation

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

```

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

```

```

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

```

### 3.3.4.21.1 Messages

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

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

#### 3.3.4.21.1.1 IMultiPointCoreEventSink\_OnSessionAgentReady\_InputMessage Message

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

The **SOAP action** value is:

```

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

```

#### 3.3.4.21.1.2 IMultiPointCoreEventSink\_OnSessionAgentReady\_OutputMessage Message

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

The **SOAP action** value is:

```

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

```

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

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

The **SOAP action** value is:

```

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

```

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

### 3.3.4.21.2 Elements

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

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

#### 3.3.4.21.2.1 OnSessionAgentReady

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

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

#### 3.3.4.21.2.2 OnSessionAgentReadyResponse

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

### 3.3.4.21.3 Complex Types

None.

### 3.3.4.22 OnSessionBlocked Operation

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

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

#### 3.3.4.22.1 Messages

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

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

### 3.3.4.22.1.1 IMultiPointCoreEventSink\_OnSessionBlocked\_InputMessage Message

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

The **SOAP action** value is:

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

### 3.3.4.22.1.2 IMultiPointCoreEventSink\_OnSessionBlocked\_OutputMessage Message

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

The **SOAP action** value is:

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

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

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

The **SOAP action** value is:

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

### 3.3.4.22.2 Elements

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

Element	Description
<OnSessionBlocked>	Input parameters element

Element	Description
<OnSessionBlockedResponse>	Output data element

### 3.3.4.22.2.1 OnSessionBlocked

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

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

### 3.3.4.22.2.2 OnSessionBlockedResponse

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

### 3.3.4.22.3 Complex Types

None.

### 3.3.4.23 OnSessionConnecting Operation

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

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

### 3.3.4.23.1 Messages

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

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



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

### 3.3.4.23.1.1 IMultiPointCoreEventSink\_OnSessionConnecting\_InputMessage Message

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

The **SOAP action** value is:

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

### 3.3.4.23.1.2 IMultiPointCoreEventSink\_OnSessionConnecting\_OutputMessage Message

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

The **SOAP action** value is:

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

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

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

The **SOAP action** value is:

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

### 3.3.4.23.2 Elements

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

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

### 3.3.4.23.2.1 OnSessionConnecting

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

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

### 3.3.4.23.2.2 OnSessionConnectingResponse

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

### 3.3.4.23.3 Complex Types

None.

### 3.3.4.24 OnSessionDisconnected Operation

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

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

#### 3.3.4.24.1 Messages

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

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

### 3.3.4.24.1.1 IMultiPointCoreEventSink\_OnSessionDisconnected\_InputMessage Message

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

The **SOAP action** value is:

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

### 3.3.4.24.1.2 IMultiPointCoreEventSink\_OnSessionDisconnected\_OutputMessage Message

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

The **SOAP action** value is:

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

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

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

The **SOAP action** value is:

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

### 3.3.4.24.2 Elements

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

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

### 3.3.4.24.2.1 OnSessionDisconnected

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

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

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

### 3.3.4.24.2.2 OnSessionDisconnectedResponse

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

### 3.3.4.24.3 Complex Types

None.

### 3.3.4.25 OnSessionUnblocked Operation

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

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

### 3.3.4.25.1 Messages

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

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

#### 3.3.4.25.1.1 IMultiPointCoreEventSink\_OnSessionUnblocked\_InputMessage Message

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

The **SOAP action** value is:

```

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

```

### 3.3.4.25.1.2 IMultiPointCoreEventSink\_OnSessionUnblocked\_OutputMessage Message

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

The **SOAP action** value is:

```

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

```

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

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

The **SOAP action** value is:

```

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

```

## 3.3.4.25.2 Elements

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

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

### 3.3.4.25.2.1 OnSessionUnblocked

```

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

```

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

### 3.3.4.25.2.2 OnSessionUnblockedResponse

```

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

```

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

### 3.3.4.25.3 Complex Types

None.

### 3.3.4.26 OnStationAdded Operation

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

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

#### 3.3.4.26.1 Messages

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

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

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

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

The **SOAP action** value is:

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

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

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

The **SOAP action** value is:

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

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

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

The **SOAP action** value is:

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

### 3.3.4.26.2 Elements

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

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

#### 3.3.4.26.2.1 OnStationAdded

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

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

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

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

#### 3.3.4.26.2.2 OnStationAddedResponse

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

### 3.3.4.26.3 Complex Types

None.

### 3.3.4.27 OnStationAlert Operation

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

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

#### 3.3.4.27.1 Messages

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

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

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

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

The **SOAP action** value is:

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

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

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

The **SOAP action** value is:

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



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

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

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

The **SOAP action** value is:

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

### 3.3.4.27.2 Elements

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

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

#### 3.3.4.27.2.1 OnStationAlert

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

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

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

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

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

Value	Meaning
0	alert cleared
1	alert set
2	no change

### 3.3.4.27.2 OnStationAlertResponse

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

### 3.3.4.27.3 Complex Types

None.

### 3.3.4.28 OnStationRemoved Operation

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

```
<wsdl:operation name="OnStationRemoved">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnStationRemoved"
name="IMultiPointCoreEventSink_OnStationRemoved_InputMessage"
message="tns:IMultiPointCoreEventSink_OnStationRemoved_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnStationRemovedResp
onse" name="IMultiPointCoreEventSink_OnStationRemoved_OutputMessage"
message="tns:IMultiPointCoreEventSink_OnStationRemoved_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointCoreEventSink_OnStationRemoved_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.3.4.28.1 Messages

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

Message	Description
IMultiPointCoreEventSink_OnStationRemoved_InputMessage	This message is sent when a station is removed.
IMultiPointCoreEventSink_OnStationRemoved_OutputMessage	Response message.
IMultiPointCoreEventSink_OnStationRemoved_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.3.4.28.1.1 IMultiPointCoreEventSink\_OnStationRemoved\_InputMessage Message

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

The **SOAP action** value is:

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

### 3.3.4.28.1.2 IMultiPointCoreEventSink\_OnStationRemoved\_OutputMessage Message

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

The **SOAP action** value is:

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

### 3.3.4.28.1.3 IMultiPointCoreEventSink\_OnStationRemoved\_WmsFaultType\_FaultMessage Message

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

The **SOAP action** value is:

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

## 3.3.4.28.2 Elements

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

Element	Description
<OnStationRemoved>	Input parameters element
<OnStationRemovedResponse>	Output data element

### 3.3.4.28.2.1 OnStationRemoved

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

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

### 3.3.4.28.2 OnStationRemovedResponse

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

### 3.3.4.28.3 Complex Types

None.

### 3.3.4.29 OnSystemAlert Operation

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

```
<wsdl:operation name="OnSystemAlert">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnSystemAlert"
name="IMultiPointCoreEventSink_OnSystemAlert_InputMessage"
message="tns:IMultiPointCoreEventSink_OnSystemAlert_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnSystemAlertResponse"
name="IMultiPointCoreEventSink_OnSystemAlert_OutputMessage"
message="tns:IMultiPointCoreEventSink_OnSystemAlert_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointCoreEventSink_OnSystemAlert_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.3.4.29.1 Messages

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

Message	Description
IMultiPointCoreEventSink_OnSystemAlert_InputMessage	This message is sent when a system alert occurs.
IMultiPointCoreEventSink_OnSystemAlert_OutputMessage	Response message.
IMultiPointCoreEventSink_OnSystemAlert_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.3.4.29.1.1 IMultiPointCoreEventSink\_OnSystemAlert\_InputMessage Message

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

The **SOAP action** value is:

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

#### 3.3.4.29.1.2 IMultiPointCoreEventSink\_OnSystemAlert\_OutputMessage Message

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

The **SOAP action** value is:

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

### 3.3.4.29.1.3 IMultiPointCoreEventSink\_OnSystemAlert\_WmsFaultType\_FaultMessage Message

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

The **SOAP action** value is:

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

### 3.3.4.29.2 Elements

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

Element	Description
<OnSystemAlert>	Input parameters element
<OnSystemAlertResponse>	Output data element

#### 3.3.4.29.2.1 OnSystemAlert

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

**eType:** Contains the type of system alert with the following possible values:

Value	Meaning
0	Standard VGA Adapter Only
1	No potential station hubs
2	Safe mode
3	Keyboard or mouse on root hub
4	Monitors without potential station hubs

Value	Meaning
5	Disk protection first threshold crossed
6	Disk protection second threshold crossed

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

Value	Meaning
0	alert cleared
1	alert set
2	no change

### 3.3.4.29.2.2 OnSystemAlertResponse

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

### 3.3.4.29.3 Complex Types

None.

### 3.3.4.30 OnSystemModeChange Operation

The **OnSystemModeChange** operation event occurs when the server changes modes between multistation and maintenance modes. This operation **MUST** be authenticated by using Notification Sink Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="OnSystemModeChange">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnSystemModeChange"
name="IMultiPointCoreEventSink_OnSystemModeChange_InputMessage"
message="tns:IMultiPointCoreEventSink_OnSystemModeChange_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnSystemModeChangeRe
sponse" name="IMultiPointCoreEventSink_OnSystemModeChange_OutputMessage"
message="tns:IMultiPointCoreEventSink_OnSystemModeChange_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointCoreEventSink_OnSystemModeChange_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.3.4.30.1 Messages

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

Message	Description
IMultiPointCoreEventSink_OnSystemModeChange_InputMessage	This message is sent to report a system mode change.

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

### 3.3.4.30.1.1 IMultiPointCoreEventSink\_OnSystemModeChange\_InputMessage Message

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

The **SOAP action** value is:

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

### 3.3.4.30.1.2 IMultiPointCoreEventSink\_OnSystemModeChange\_OutputMessage Message

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

The **SOAP action** value is:

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

### 3.3.4.30.1.3 IMultiPointCoreEventSink\_OnSystemModeChange\_WmsFaultType\_Fault Message Message

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

The **SOAP action** value is:

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

### 3.3.4.30.2 Elements

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

Element	Description
<OnSystemModeChange>	Input parameters element
<OnSystemModeChangeResponse>	Output data element

### 3.3.4.30.2.1 OnSystemModeChange

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

**eType:** Contains the following possible values for mode type:

Value	Meaning
0	multistation
1	maintenance

### 3.3.4.30.2.2 OnSystemModeChangeResponse

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

### 3.3.4.30.3 Complex Types

None.

### 3.3.4.31 OnVirtualDesktopOnline

The **OnVirtualDesktopOnline** operation event occurs to report that a virtual desktop station has come online. [<2>](#) This operation MUST be authenticated by using Notification Sink Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="OnVirtualDesktopOnline">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnVirtualDesktopOnline" name="IMultiPointCoreEventSink_OnVirtualDesktopOnline_InputMessage"
message="tns:IMultiPointCoreEventSink_OnVirtualDesktopOnline_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnVirtualDesktopOnlineResponse" name="IMultiPointCoreEventSink_OnVirtualDesktopOnline_OutputMessage"
message="tns:IMultiPointCoreEventSink_OnVirtualDesktopOnline_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointCoreEventSink_OnVirtualDesktopOnline_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.3.4.31.1 Messages

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



Message	Description
IMultiPointCoreEventSink_OnVirtualDesktopOnline_InputMessage	This message is sent to update the virtual machine availability.
IMultiPointCoreEventSink_OnVirtualDesktopOnline_OutputMessage	Response message.
IMultiPointCoreEventSink_OnVirtualDesktopOnline_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

### 3.3.4.31.1.1 IMultiPointCoreEventSink\_OnVirtualDesktopOnline\_InputMessage Message

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

The **SOAP action** value is:

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

### 3.3.4.31.1.2 IMultiPointCoreEventSink\_OnVirtualDesktopOnline\_OutputMessage Message

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

The **SOAP action** value is:

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

### 3.3.4.31.1.3 IMultiPointCoreEventSink\_OnVirtualDesktopOnline\_WmsFaultType\_FaultMessage Message

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

The **SOAP action** value is:

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

### 3.3.4.31.2 Elements

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

Element	Description
<OnVirtualDesktopOnline>	Input parameters element
<OnVirtualDesktopOnlineResponse>	Output data element

### 3.3.4.31.2.1 OnVirtualDesktopOnline

```
<xsd:element name="OnVirtualDesktopOnline">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="wsVirtualMachineId" nillable="true"
type="xsd:string" />
      <xsd:element minOccurs="1" maxOccurs="1" name="wsHostName" nillable="true"
type="xsd:string" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**wsVirtualMachineId:** Contains the virtual machine ID of the virtual machine that has come online.

**wsHostName:** Contains the **fully qualified domain name (FQDN)** of the virtual machine that has come online.

### 3.3.4.31.2.2 OnVirtualDesktopOnlineResponse

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

### 3.3.4.31.3 Complex Types

None.

### 3.3.4.32 OnVirtualDesktopNotification Operation

The **OnVirtualDesktopNotification** operation event occurs to report progress on the enabling and configuration of the virtual desktop feature. This operation **MUST** be authenticated by using Notification Sink Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="OnVirtualDesktopNotification">
  <wsdl:input>
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnVirtualDesktopNoti
fication" name="IMultiPointCoreEventSink OnVirtualDesktopNotification InputMessage"
message="tns:IMultiPointCoreEventSink_OnVirtualDesktopNotification_InputMessage"/>
  <wsdl:output>
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnVirtualDesktopNoti
ficationResponse" name="IMultiPointCoreEventSink OnVirtualDesktopNotification OutputMessage"
message="tns:IMultiPointCoreEventSink_OnVirtualDesktopNotification_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointCoreEventSink_OnVirtualDesktopNotification_WmsFaultType_FaultMessage"
/>
</wsdl:operation>
```

### 3.3.4.32.1 Messages

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

Message	Description
IMultiPointCoreEventSink_OnVirtualDesktopNotification_InputMessage	This message is sent to update virtual machine setup status.
IMultiPointCoreEventSink_OnVirtualDesktopNotification_OutputMessage	Response message.
IMultiPointCoreEventSink_OnVirtualDesktopNotification_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

### 3.3.4.32.1.1 IMultiPointCoreEventSink\_OnVirtualDesktopNotification\_InputMessage Message

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

The **SOAP action** value is:

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

### 3.3.4.32.1.2 IMultiPointCoreEventSink\_OnVirtualDesktopNotification\_OutputMessage Message

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

The **SOAP action** value is:

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

### 3.3.4.32.1.3 IMultiPointCoreEventSink\_OnVirtualDesktopNotification\_WmsFaultType\_FaultMessage Message

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

The **SOAP action** value is:

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

### 3.3.4.32.2 Elements

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

Element	Description
<OnVirtualDesktopNotification>	Input parameters element
<OnVirtualDesktopNotificationResponse>	Output data element

#### 3.3.4.32.2.1 OnVirtualDesktopNotification

```
<xsd:element name="OnVirtualDesktopNotification">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="eVirtualDesktopNotificationType"
type="xsd:unsignedInt"/>
      <xsd:element minOccurs="1" maxOccurs="1" name="idProgress" type="xsd:unsignedInt"/>
      <xsd:element minOccurs="1" maxOccurs="1" name="wsMessage" nillable="true"
type="xsd:string"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**eVirtualDesktopNotificationType:** Contains the type of virtual desktop operation with the following possible values:

Value	Meaning
0	Begin Enable virtual desktop
1	End enable virtual desktop
2	Begin disable virtual desktop
3	End disable virtual desktop
4	Begin create virtual desktop template
5	Create virtual desktop template progress
6	End virtual desktop template
7	Begin create station virtual desktop
8	Create station virtual desktop progress
9	End create station virtual desktop

**idProgress:** Contains values 0-100.

**wsMessage:** Contains a message describing the event.

#### 3.3.4.32.2.2 OnVirtualDesktopNotificationResponse

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

### 3.3.4.32.3 Complex Types

None.

### 3.3.4.33 ShutdownNotification Operation

The **ShutdownNotification** operation event occurs when the server shuts down. This operation MUST be authenticated by using Notification Sink Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="ShutdownNotification">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/ShutdownNotification
" name="IMultiPointCoreEventSink_ShutdownNotification_InputMessage"
message="tns:IMultiPointCoreEventSink_ShutdownNotification_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/ShutdownNotification
Response" name="IMultiPointCoreEventSink_ShutdownNotification_OutputMessage"
message="tns:IMultiPointCoreEventSink_ShutdownNotification_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointCoreEventSink_ShutdownNotification_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.3.4.33.1 Messages

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

Message	Description
IMultiPointCoreEventSink_ShutdownNotification_InputMessage	This message is sent when the server shuts down.
IMultiPointCoreEventSink_ShutdownNotification_OutputMessage	Response message.
IMultiPointCoreEventSink_ShutdownNotification_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.3.4.33.1.1 IMultiPointCoreEventSink\_ShutdownNotification\_InputMessage Message

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

The **SOAP action** value is:

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

#### 3.3.4.33.1.2 IMultiPointCoreEventSink\_ShutdownNotification\_OutputMessage Message

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

The **SOAP action** value is:

```

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

```

### 3.3.4.33.1.3 IMultiPointCoreEventSink\_ShutdownNotification\_WmsFaultType\_FaultMessage Message

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

The **SOAP action** value is:

```

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

```

### 3.3.4.33.2 Elements

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

Element	Description
<ShutdownNotification>	Input parameters element
<ShutdownNotificationResponse>	Output data element

#### 3.3.4.33.2.1 ShutdownNotification

```

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

```

#### 3.3.4.33.2.2 ShutdownNotificationResponse

```

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

```

### 3.3.4.33.3 Complex Types

None.

### 3.3.4.34 OnUserCreated Operation

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

```

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

```

```

name="IMultiPointCoreEventSink_OnUserCreated_InputMessage"
message="tns:IMultiPointCoreEventSink_OnUserCreated_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnUserCreatedResponse"
name="IMultiPointCoreEventSink_OnUserCreated_OutputMessage"
message="tns:IMultiPointCoreEventSink_OnUserCreated_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointCoreEventSink_OnUserCreated_WmsFaultType_FaultMessage"/>
</wsdl:operation>

```

### 3.3.4.34.1 Messages

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

Message	Description
IMultiPointCoreEventSink_OnUserCreated_InputMessage	This message is sent when a user is created.
IMultiPointCoreEventSink_OnUserCreated_OutputMessage	Response message.
IMultiPointCoreEventSink_OnUserCreated_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.3.4.34.1.1 IMultiPointCoreEventSink\_OnUserCreated\_InputMessage Message

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

The **SOAP action** value is:

```

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

```

#### 3.3.4.34.1.2 IMultiPointCoreEventSink\_OnUserCreated\_OutputMessage Message

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

The **SOAP action** value is:

```

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

```

#### 3.3.4.34.1.3 IMultiPointCoreEventSink\_OnUserCreated\_WmsFaultType\_FaultMessage Message

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

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/WmsFault

```

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

### 3.3.4.34.2 Elements

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

Element	Description
<OnUserCreated>	Input parameters element
<OnUserCreatedResponse>	Output data element

#### 3.3.4.34.2.1 OnUserCreated

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

**wsUserName:** Contains the user name created.

#### 3.3.4.34.2.2 OnUserCreatedResponse

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

### 3.3.4.34.3 Complex Types

None.

### 3.3.4.35 OnUserUpdated Operation

The **OnUserUpdated** operation event occurs when an existing user is modified. This operation **MUST** be authenticated by using Notification Sink Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="OnUserUpdated">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnUserUpdated"
name="IMultiPointCoreEventSink_OnUserUpdated_InputMessage"
message="tns:IMultiPointCoreEventSink_OnUserUpdated_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnUserUpdatedResponse"
name="IMultiPointCoreEventSink_OnUserUpdated_OutputMessage"
message="tns:IMultiPointCoreEventSink_OnUserUpdated_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointCoreEventSink_OnUserUpdated_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```



### 3.3.4.35.1 Messages

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

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

#### 3.3.4.35.1.1 IMultiPointCoreEventSink\_OnUserUpdated\_InputMessage Message

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

The SOAP action value is:

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

#### 3.3.4.35.1.2 IMultiPointCoreEventSink\_OnUserUpdated\_OutputMessage Message

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

The **SOAP action** value is:

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

#### 3.3.4.35.1.3 IMultiPointCoreEventSink\_OnUserUpdated\_WmsFaultType\_FaultMessage Message

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

The **SOAP action** value is:

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

### 3.3.4.35.2 Elements

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

Element	Description
<OnUserUpdated>	Input parameters element
<OnUserUpdatedResponse>	Output data element

### 3.3.4.35.2.1 OnUserUpdated

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

**wsUserName:** Contains the updated user name.

### 3.3.4.35.2.2 OnUserUpdatedResponse

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

### 3.3.4.35.3 Complex Types

None.

### 3.3.4.36 OnUserDeleted Operation

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

```
<wsdl:operation name="OnUserDeleted">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnUserDeleted"
name="IMultiPointCoreEventSink_OnUserDeleted_InputMessage"
message="tns:IMultiPointCoreEventSink_OnUserDeleted_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnUserDeletedRespons
e" name="IMultiPointCoreEventSink_OnUserDeleted_OutputMessage"
message="tns:IMultiPointCoreEventSink_OnUserDeleted_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointCoreEventSink_OnUserDeleted_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.3.4.36.1 Messages

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

Message	Description
IMultiPointCoreEventSink_OnUserDeleted_InputMessage	This message is sent when a user is deleted.

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

### 3.3.4.36.1.1 IMultiPointCoreEventSink\_OnUserDeleted\_InputMessage Message

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

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnUserDeleted
<wsdl:message name="IMultiPointCoreEventSink_OnUserDeleted_InputMessage">
  <wsdl:part name="OnUserDeleted" element="tns:OnUserDeleted"/>
</wsdl:message>
```

### 3.3.4.36.1.2 IMultiPointCoreEventSink\_OnUserDeleted\_OutputMessage Message

A **WSDL message** containing the response for the **OnUserDeleted WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnUserDeletedResponse
<wsdl:message name="IMultiPointCoreEventSink_OnUserDeleted_OutputMessage">
  <wsdl:part name="OnUserDeletedResponse" element="tns:OnUserDeletedResponse"/>
</wsdl:message>
```

### 3.3.4.36.1.3 IMultiPointCoreEventSink\_OnUserDeleted\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **OnUserDeleted WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointCoreEventSink_OnUserDeleted_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.3.4.36.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<OnUserDeleted>	Input parameters element
<OnUserDeletedResponse>	Output data element

### 3.3.4.36.2.1 OnUserDeleted

```
<xsd:element name="OnUserDeleted">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="wsUserName" nillable="true"
type="xsd:string"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**wsUserName:** Contains the user name that was deleted.

### 3.3.4.36.2.2 OnUserDeletedResponse

```
<xsd:element name="OnUserDeletedResponse">
  <xsd:complexType/>
</xsd:element>
```

### 3.3.4.36.3 Complex Types

None.

### 3.3.4.37 OnGroupUpdated Operation

The **OnGroupUpdated** operation event occurs when a user group is updated. This operation MUST be authenticated by using Notification Sink Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="OnGroupUpdated">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnGroupUpdated"
name="IMultiPointCoreEventSink_OnGroupUpdated_InputMessage"
message="tns:IMultiPointCoreEventSink_OnGroupUpdated_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnGroupUpdatedRespon
se" name="IMultiPointCoreEventSink_OnGroupUpdated_OutputMessage"
message="tns:IMultiPointCoreEventSink_OnGroupUpdated_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointCoreEventSink_OnGroupUpdated_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.3.4.37.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointCoreEventSink_OnGroupUpdated_InputMessage	This message is sent when a user group is updated.
IMultiPointCoreEventSink_OnGroupUpdated_OutputMessage	Response message.
IMultiPointCoreEventSink_OnGroupUpdated_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

### 3.3.4.37.1.1 IMultiPointCoreEventSink\_OnGroupUpdated\_InputMessage Message

A **WSDL message** containing the request for the **OnGroupUpdated WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnGroupUpdated
<wsdl:message name="IMultiPointCoreEventSink_OnGroupUpdated_InputMessage">
  <wsdl:part name="OnGroupUpdated" element="tns:OnGroupUpdated"/>
</wsdl:message>
```

### 3.3.4.37.1.2 IMultiPointCoreEventSink\_OnGroupUpdated\_OutputMessage Message

A **WSDL message** containing the response for the **OnGroupUpdated WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnGroupUpdatedResponse
<wsdl:message name="IMultiPointCoreEventSink_OnGroupUpdated_OutputMessage">
  <wsdl:part name="OnGroupUpdatedResponse" element="tns:OnGroupUpdatedResponse"/>
</wsdl:message>
```

### 3.3.4.37.1.3 IMultiPointCoreEventSink\_OnGroupUpdated\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **OnGroupUpdated WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointCoreEventSink_OnGroupUpdated_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

## 3.3.4.37.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<OnGroupUpdated>	Input parameters element
<OnGroupUpdatedResponse>	Output data element

### 3.3.4.37.2.1 OnGroupUpdated

```
<xsd:element name="OnGroupUpdated">
  <xsd:complexType/>
</xsd:element>
```

### 3.3.4.37.2.2 OnGroupUpdatedResponse

```
<xsd:element name="OnGroupUpdatedResponse">
  <xsd:complexType/>
```

</xsd:element>

### 3.3.4.37.3 Complex Types

None.

### 3.3.5 Timer Events

None.

### 3.3.6 Other Local Events

None.

## 3.4 IMultiPointCredentialRequest Server Details

The IMultiPointCredentialRequest endpoint is used to process encrypted **SOAP** messages related to the binding of the client/server machines. This endpoint allows the client to request the server's randomly generated **WmsControl password**, randomly generated **WmsManagement password**, and to supply the client's **X.509** certificate, which is used to encrypt event notifications sent by the server to the client (section [3.4.1](#)).

### 3.4.1 Abstract Data Model

This section describes a conceptual model of possible data organization that an implementation maintains to participate in this algorithm. The described organization is provided to facilitate the explanation of how the algorithm behaves. This document does not mandate that implementations adhere to this model as long as their external behavior is consistent with that described in this document.

The server **MUST** supply an **X.509** certificate for the purpose of server identification and to be used by the client and server to encrypt **SOAP** requests/responses.

The server **MUST** create and securely store two random passwords to be used to authenticate API requests:

**WmsControl password:** The **WmsControl password** is used to authenticate regular or non-elevated (do not require administrator privileges) API requests.

**WmsManagement password:** The **WmsManagement password** is used to authenticate elevated (require administrator privileges) API requests.

The following credentials types are used by the protocol:

**Server Administrator Credentials:** User name and password combination for a user that has administrator privileges on the server. These credentials are used in the onboarding process only.

**Server Management Credentials:** The specific user name "WmsManagement" and the WmsManagement password returned from [RequestWmsControlCredentials Operation \(section 3.4.4.2\)](#). These credentials can be used to authenticate all non-onboarding API calls to the server.

**Server Control Credentials:** The specific user name "WmsControl" and the WmsControl password returned from RequestWmsControlCredentials Operation (section 3.4.4.2). These credentials can be used to authenticate a subset of the non-onboarding API calls to the server.

**Notification Sink Management Credentials:** The user name is the hostname of the client and the password is the client's WmsManagement password. These credentials are used to authenticate the methods on the IMultiPointSystemOnlineEventSink endpoint (section 3.9).

**Notification Sink Control Credentials:** The user name is the hostname of the client, and the password is the client's WmsControl password. These credentials are used to authenticate the methods on the IMultiPointChat (section 3.2) and the IMultiPointCoreEventSink (section 3.3) endpoints.

### 3.4.2 Timers

None.

### 3.4.3 Initialization

None.

### 3.4.4 Message Processing Events and Sequencing Rules

This protocol includes the following **WSDL operations**.

Operation	Description
RequestWmsControlCredentials	Request the server's <b>WmsControl password</b> and <b>WmsManagement password</b> .
SetSslCertificate	Provide the server with the client's <b>X.509</b> certificate.

#### 3.4.4.1 SetSslCertificate Operation

The **SetSslCertificate** method provides the server with the client's **X.509** certificate. This operation **MUST** be authenticated by using the **administrator**-level credentials valid on the server.

```
<wsdl:operation name="SetSslCertificate">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCredentialRequest/SetSslCertificate"
    name="IMultiPointCredentialRequest_SetSslCertificate_InputMessage"
    message="tns:IMultiPointCredentialRequest_SetSslCertificate_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCredentialRequest/SetSslCertificateResponse"
    name="IMultiPointCredentialRequest_SetSslCertificate_OutputMessage"
    message="tns:IMultiPointCredentialRequest_SetSslCertificate_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
    name="WmsFaultType"
    message="tns:IMultiPointCredentialRequest_SetSslCertificate_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

##### 3.4.4.1.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointCredentialRequest_SetSslCertificate_InputMessage	This message provides the client's <b>X.509</b>

Message	Description
	certificate to the server.
IMultiPointCredentialRequest_SetSslCertificate_OutputMessage	The response message.
IMultiPointCredentialRequest_SetSslCertificate_WmsFaultType_FaultMessage	This message contains the internal server failure status code, if one occurs.

#### 3.4.4.1.1.1 IMultiPointCredentialRequest\_SetSslCertificate\_InputMessage Message

A **WSDL message** containing the request for the **SetSslCertificate WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointCredentialRequest/SetSslCertificate
<wsdl:message name="IMultiPointCredentialRequest_SetSslCertificate_InputMessage">
  <wsdl:part name="SetSslCertificate" element="tns:SetSslCertificate"/>
</wsdl:message>
```

#### 3.4.4.1.1.2 IMultiPointCredentialRequest\_SetSslCertificate\_OutputMessage Message

A **WSDL message** containing the response for the **SetSslCertificate WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointCredentialRequest/SetSslCertificateResponse
<wsdl:message name="IMultiPointCredentialRequest_SetSslCertificate_OutputMessage">
  <wsdl:part name="SetSslCertificateResponse" element="tns:SetSslCertificateResponse"/>
</wsdl:message>
```

#### 3.4.4.1.1.3 IMultiPointCredentialRequest\_SetSslCertificate\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **SetSslCertificate WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message
name="IMultiPointCredentialRequest_SetSslCertificate_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

#### 3.4.4.1.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<SetSslCertificate>	An input parameter element
<SetSslCertificateResponse>	An output data element



### 3.4.4.1.2.1 SetSslCertificate

```
<xsd:element name="SetSslCertificate" type="tns:SetSslCertificateRequestBody"/>
```

### 3.4.4.1.2.2 SetSslCertificateResponse

```
<xsd:element name="SetSslCertificateResponse" type="q1:SetSslCertificateResponseBody"/>
```

### 3.4.4.1.3 Complex Types

The following table summarizes the **XML Schema** complex type definitions that are specific to this operation.

Element	Description
<SetSslCertificateRequestBody>	XML supplying the input parameters
<SetSslCertificateResponseBody>	XML supplying the output parameters

#### 3.4.4.1.3.1 SetSslCertificateRequestBody

```
<xsd:complexType name="SetSslCertificateRequestBody">  
  <xsd:sequence>  
    <xsd:element minOccurs="1" maxOccurs="1" name="wsHostName" type="xsd:string"/>  
    <xsd:element minOccurs="1" maxOccurs="1" name="SslPort" type="xsd:unsignedInt"/>  
    <xsd:element minOccurs="1" maxOccurs="1" name="wsSslCertificateThumbprint"  
type="xsd:string"/>  
    <xsd:element minOccurs="1" maxOccurs="1" name="pSslCertificate" type="tns:ArrayOfBytes"/>  
  </xsd:sequence>  
</xsd:complexType>
```

**wsHostName:** Contains the host name of the client.

**SslPort:** Contains the **Secure Sockets Layer (SSL)** port that the client listens on for event notifications.

**wsSslCertificateThumbprint:** Contains the **thumbprint** of the client's SSL certificate.

**pSslCertificate:** Contains the client's **X.509** certificate used for SSL. The certificate's subject name **MUST** match the client's hostname. Servers **MUST** verify that the subject name of the certificate matches the hostname of the client. Servers **MUST** also verify that the certificate's **enhanced key usage (EKU)** supports only **Server Authentication**.

#### 3.4.4.1.3.2 SetSslCertificateResponseBody

```
<xsd:complexType name="SetSslCertificateResponseBody"/>
```

#### 3.4.4.1.4 Simple Types

None.

#### 3.4.4.1.5 Attributes

None.

#### 3.4.4.1.6 Groups

None.

#### 3.4.4.1.7 Attribute Groups

None.

### 3.4.4.2 RequestWmsControlCredentials Operation

The **RequestWmsControlCredentials** method requests the server's **WmsControl password** and **WmsManagement password**. This operation MUST be authenticated by using **administrator** credentials valid on the server.

```
<wsdl:operation name="RequestWmsControlCredentials">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCredentialRequest/RequestWmsControlCredentials" name="IMultiPointCredentialRequest_RequestWmsControlCredentials_InputMessage"
message="tns:IMultiPointCredentialRequest_RequestWmsControlCredentials_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCredentialRequest/RequestWmsControlCredentialsResponse"
name="IMultiPointCredentialRequest_RequestWmsControlCredentials_OutputMessage"
message="tns:IMultiPointCredentialRequest_RequestWmsControlCredentials_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
name="WmsFaultType"
message="tns:IMultiPointCredentialRequest_RequestWmsControlCredentials_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.4.4.2.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointCredentialRequest_RequestWmsControlCredentials_InputMessage	This message requests the server's <b>WmsControl password</b> and <b>WmsManagement password</b> .
IMultiPointCredentialRequest_RequestWmsControlCredentials_OutputMessage	This message contains the server's WmsControl password and WmsManagement password.
IMultiPointCredentialRequest_RequestWmsControlCredentials_WmsFaultType_FaultMessage	This message contains the internal server failure status code, if one occurs.

#### 3.4.4.2.1.1 IMultiPointCredentialRequest\_RequestWmsControlCredentials\_InputMessage Message

A **WSDL message** containing the request for the **RequestWmsControlCredentials WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointCredentialRequest/RequestWmsControlCredentials
<wsdl:message name="IMultiPointCredentialRequest_RequestWmsControlCredentials_InputMessage">
  <wsdl:part name="RequestWmsControlCredentials" element="tns:RequestWmsControlCredentials"/>
</wsdl:message>
```

#### 3.4.4.2.1.2 IMultiPointCredentialRequest\_RequestWmsControlCredentials\_OutputMessage Message

A **WSDL message** containing the response for the **RequestWmsControlCredentials WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointCredentialRequest/RequestWmsControlCredentialsResponse
<wsdl:message name="IMultiPointCredentialRequest_RequestWmsControlCredentials_OutputMessage">
  <wsdl:part name="RequestWmsControlCredentialsResponse"
    element="tns:RequestWmsControlCredentialsResponse"/>
</wsdl:message>
```

#### 3.4.4.2.1.3 IMultiPointCredentialRequest\_RequestWmsControlCredentials\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **RequestWmsControlCredentials WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message
  name="IMultiPointCredentialRequest_RequestWmsControlCredentials_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

#### 3.4.4.2.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<RequestWmsControlCredentials>	An input parameter element
<RequestWmsControlCredentialsResponse>	An output data element

##### 3.4.4.2.2.1 RequestWmsControlCredentials

```
<xsd:element name="RequestWmsControlCredentials"
  type="q1:RequestWmsControlCredentialsRequestBody"/>
```

### 3.4.4.2.2 RequestWmsControlCredentialsResponse

```
<xsd:element name="RequestWmsControlCredentialsResponse" type="tns:RequestWmsControlCredentialsResponseBody"/>
```

### 3.4.4.2.3 Complex Types

The following table summarizes the **XML Schema** complex type definitions that are specific to this operation.

Element	Description
<RequestWmsControlCredentialsRequestBody>	XML supplying the input parameters
<RequestWmsControlCredentialsResponseBody>	XML supplying the output parameters

#### 3.4.4.2.3.1 RequestWmsControlCredentialsRequestBody

```
<xsd:complexType name="RequestWmsControlCredentialsRequestBody"/>
```

#### 3.4.4.2.3.2 RequestWmsControlCredentialsResponseBody

```
<xsd:complexType name="RequestWmsControlCredentialsResponseBody">
  <xsd:sequence>
    <xsd:element minOccurs="1" maxOccurs="1" name="pwsWmsControlPassword" type="xsd:string"/>
    <xsd:element minOccurs="1" maxOccurs="1" name="pwsWmsManagementPassword" type="xsd:string"/>
  </xsd:sequence>
</xsd:complexType>
```

**pwsWmsControlPassword:** A string containing the **WmsControl password**.

**pwsWmsManagementPassword:** A string containing the **WmsManagement password**.

### 3.4.4.2.4 Simple Types

None.

### 3.4.4.2.5 Attributes

None.

### 3.4.4.2.6 Groups

None.

### 3.4.4.2.7 Attribute Groups

None.

## 3.4.5 Timer Events

None.

### 3.4.6 Other Local Events

None.

## 3.5 IMultiPointDiskProtection Server Details

The IMultiPointDiskProtection endpoint is a collection of APIs that allow the caller to manipulate the settings of the MultiPoint Services disk protection feature. When the disk protection feature is enabled, it caches all writes to the system disk and discards them when the server is rebooted essentially providing protection against any long-term changes to the server.

### 3.5.1 Abstract Data Model

This section describes a conceptual model of possible data organization that an implementation maintains to participate in this algorithm. The described organization is provided to facilitate the explanation of how the algorithm behaves. This document does not mandate that implementations adhere to this model as long as their external behavior is consistent with that described in this document.

The server MUST supply an **X.509** certificate for the purpose of server identification and to be used by the client and server to encrypt **SOAP** requests/responses.

The server MUST create and securely store a random password to be used to authenticate API requests.

### 3.5.2 Timers

None.

### 3.5.3 Initialization

None.

### 3.5.4 Message Processing Events and Sequencing Rules

This specification includes the following **WSDL operations**.

Operation	Description
GetFreeSpaceNeeded	Get the number of free bytes on the boot <b>partition</b> necessary to install disk protection.
GetMode	Get the current mode of operation of disk protection.
GetScheduledUpdateSettings	Get the current schedule of when the disk protection applies available updates and runs maintenance scripts.
Install	Install disk protection.
IsInstalled	Determine if disk protection is installed.
SetMode	Configure the mode of operation of disk protection.
SetScheduledUpdateSettings	Configure the schedule for when the disk protection applies available updates and runs maintenance scripts.
Uninstall	Uninstall disk protection.

### 3.5.4.1 GetFreeSpaceNeeded Operation

The **GetFreeSpaceNeeded** method requests the number of bytes free on the boot **partition** that need to be available in order to install disk protection. This operation **MUST** be authenticated by using Server Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="GetFreeSpaceNeeded">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/GetFreeSpaceNeeded"
    name="IMultiPointDiskProtection_GetFreeSpaceNeeded_InputMessage"
    message="tns:IMultiPointDiskProtection_GetFreeSpaceNeeded_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/GetFreeSpaceNeededR
    esponse" name="IMultiPointDiskProtection_GetFreeSpaceNeeded_OutputMessage"
    message="tns:IMultiPointDiskProtection_GetFreeSpaceNeeded_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
    name="WmsFaultType"
    message="tns:IMultiPointDiskProtection_GetFreeSpaceNeeded_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.5.4.1.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointDiskProtection_GetFreeSpaceNeeded_InputMessage	This message requests the amount of free disk space needed to install disk protection.
IMultiPointDiskProtection_GetFreeSpaceNeeded_OutputMessage	This message contains the amount of free disk space needed to install disk protection.
IMultiPointDiskProtection_GetFreeSpaceNeeded_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

##### 3.5.4.1.1.1 IMultiPointDiskProtection\_GetFreeSpaceNeeded\_InputMessage Message

A **WSDL message** containing the request for the **GetFreeSpaceNeeded WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/GetFreeSpaceNeeded
<wsdl:message name="IMultiPointDiskProtection_GetFreeSpaceNeeded_InputMessage">
  <wsdl:part name="GetFreeSpaceNeeded" element="tns:GetFreeSpaceNeeded"/>
</wsdl:message>
```

##### 3.5.4.1.1.2 IMultiPointDiskProtection\_GetFreeSpaceNeeded\_OutputMessage Message

A **WSDL message** containing the response for the **GetFreeSpaceNeeded WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/GetFreeSpaceNeededResponse
<wsdl:message name="IMultiPointDiskProtection_GetFreeSpaceNeeded_OutputMessage">
  <wsdl:part name="GetFreeSpaceNeededResponse" element="tns:GetFreeSpaceNeededResponse"/>
</wsdl:message>
```

### 3.5.4.1.1.3 IMultiPointDiskProtection\_GetFreeSpaceNeeded\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **GetFreeSpaceNeeded WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message
name="IMultiPointDiskProtection_GetFreeSpaceNeeded_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.5.4.1.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<GetFreeSpaceNeeded>	Input parameters element
<GetFreeSpaceNeededResponse>	Output data element

#### 3.5.4.1.2.1 GetFreeSpaceNeeded

```
<xsd:element name="GetFreeSpaceNeeded">
  <xsd:complexType/>
</xsd:element>
```

#### 3.5.4.1.2.2 GetFreeSpaceNeededResponse

```
<xsd:element name="GetFreeSpaceNeededResponse">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="pullFreeSpaceNeeded"
type="xsd:unsignedLong"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**pullFreeSpaceNeeded:** The amount of free space on the boot partition required to install disk protection.

#### 3.5.4.1.3 Complex Types

None.

### 3.5.4.2 GetMode Operation

The **GetMode** method requests the current disk protection mode from the server. This operation MUST be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="GetMode">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/GetMode"
name="IMultiPointDiskProtection_GetMode_InputMessage"
message="tns:IMultiPointDiskProtection_GetMode_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/GetModeResponse"
name="IMultiPointDiskProtection_GetMode_OutputMessage"
message="tns:IMultiPointDiskProtection_GetMode_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
name="WmsFaultType"
message="tns:IMultiPointDiskProtection_GetMode_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.5.4.2.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointDiskProtection_GetMode_InputMessage	This message requests the current mode of disk protection on the server.
IMultiPointDiskProtection_GetMode_OutputMessage	This message contains the current mode of disk protection on the server.
IMultiPointDiskProtection_GetMode_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

##### 3.5.4.2.1.1 IMultiPointDiskProtection\_GetMode\_InputMessage Message

A **WSDL message** containing the request for the **GetMode WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/GetMode
<wsdl:message name="IMultiPointDiskProtection_GetMode_InputMessage">
  <wsdl:part name="GetMode" element="tns:GetMode"/>
</wsdl:message>
```

##### 3.5.4.2.1.2 IMultiPointDiskProtection\_GetMode\_OutputMessage Message

A **WSDL message** containing the response for the **GetMode WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/GetModeResponse
<wsdl:message name="IMultiPointDiskProtection_GetMode_OutputMessage">
```



```
<wsdl:part name="GetModeResponse" element="tns:GetModeResponse"/>
</wsdl:message>
```

### 3.5.4.2.1.3 IMultiPointDiskProtection\_GetMode\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **GetMode WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointDiskProtection_GetMode_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.5.4.2.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<GetMode>	Input parameters element
<GetModeResponse>	Output data element

#### 3.5.4.2.2.1 GetMode

```
<xsd:element name="GetMode">
  <xsd:complexType/>
</xsd:element>
```

#### 3.5.4.2.2.2 GetModeResponse

```
<xsd:element name="GetModeResponse">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="pdpm" type="xsd:unsignedInt"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**pdpm**: Disk protection mode is an unsigned integer with the following possible values: 1 = Passive; 2 = Discard.

#### 3.5.4.2.3 Complex Types

None.

#### 3.5.4.3 GetScheduledUpdateSettings Operation

The **GetScheduledUpdateSettings** method gets the current configuration when updates are applied and maintenance is performed while disk protection is enabled. This operation **MUST** be authenticated by using Server Management Credentials (section [3.4.1](#)).

```

<wsdl:operation name="GetScheduledUpdateSettings">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/GetScheduledUpdateSettings"
message="tns:IMultiPointDiskProtection_GetScheduledUpdateSettings_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/GetScheduledUpdateSettingsResponse"
message="tns:IMultiPointDiskProtection_GetScheduledUpdateSettings_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
name="WmsFaultType"
message="tns:IMultiPointDiskProtection_GetScheduledUpdateSettings_WmsFaultType_FaultMessage"/>
</wsdl:operation>

```

### 3.5.4.3.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointDiskProtection_GetScheduledUpdateSettings_InputMessage	This message gets the current configuration of when updates are applied and maintenance is performed while disk protection is enabled.
IMultiPointDiskProtection_GetScheduledUpdateSettings_OutputMessage	Response message.
IMultiPointDiskProtection_GetScheduledUpdateSettings_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.5.4.3.1.1 IMultiPointDiskProtection\_GetScheduledUpdateSettings\_InputMessage Message

A **WSDL message** containing the request for the **GetScheduledUpdateSettings WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/GetScheduledUpdateSettings
<wsdl:message name="IMultiPointDiskProtection_GetScheduledUpdateSettings_InputMessage">
  <wsdl:part name="GetScheduledUpdateSettings" element="tns:GetScheduledUpdateSettings"/>
</wsdl:message>

```

#### 3.5.4.3.1.2 IMultiPointDiskProtection\_GetScheduledUpdateSettings\_OutputMessage Message

A **WSDL message** containing the response for the **GetScheduledUpdateSettings WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/GetScheduledUpdateSettingsResponse
<wsdl:message name="IMultiPointDiskProtection_GetScheduledUpdateSettings_OutputMessage">

```

```

    <wsdl:part name="GetScheduledUpdateSettingsResponse"
element="tns:GetScheduledUpdateSettingsResponse"/>
  </wsdl:message>

```

### 3.5.4.3.1.3 IMultiPointDiskProtection\_GetScheduledUpdateSettings\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **GetScheduledUpdateSettings WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message
name="IMultiPointDiskProtection_GetScheduledUpdateSettings_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>

```

### 3.5.4.3.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<GetScheduledUpdateSettings>	Input parameters element
<GetScheduledUpdateSettingsResponse>	Output data element

#### 3.5.4.3.2.1 GetScheduledUpdateSettings

```

<xsd:element name="GetScheduledUpdateSettings"
type="q1:GetScheduledUpdateSettingsRequestBody"/>

```

#### 3.5.4.3.2.2 GetScheduledUpdateSettingsResponse

```

<xsd:element name="GetScheduledUpdateSettingsResponse"
type="tns:GetScheduledUpdateSettingsResponseBody"/>

```

### 3.5.4.3.3 Complex Types

The following table summarizes the **XML Schema** complex type definitions that are specific to this operation.

Complex type	Description
<GetScheduledUpdateSettingsRequestBody>	XML supplying the input parameters
<GetScheduledUpdateSettingsResponseBody>	XML supplying the output parameters

#### 3.5.4.3.3.1 GetScheduledUpdateSettingsRequestBody

```
<xsd:complexType name="GetScheduledUpdateSettingsRequestBody"/>
```

### 3.5.4.3.2 GetScheduledUpdateSettingsResponseBody

```
<xsd:complexType name="GetScheduledUpdateSettingsResponseBody">  
  <xsd:sequence>  
    <xsd:element minOccurs="1" maxOccurs="1" name="peMode" type="xsd:unsignedInt"/>  
    <xsd:element minOccurs="1" maxOccurs="1" name="piScheduledUpdateStartHour"  
type="xsd:unsignedInt"/>  
    <xsd:element minOccurs="1" maxOccurs="1" name="pwsCustomScriptFullPath"  
type="xsd:string"/>  
    <xsd:element minOccurs="1" maxOccurs="1" name="pcMaxMinutesAllowedForCustomScript"  
type="xsd:unsignedInt"/>  
    <xsd:element minOccurs="1" maxOccurs="1" name="peReturnState"  
type="xsd:unsignedInt"/>  
  </xsd:sequence>  
</xsd:complexType>
```

**peMode:** Contains the following possible values:

Value	Meaning
0	Disabled
1	Script only
2	Script and windows updates

**piScheduledUpdateStartHour:** Contains the hour to start update process; possible values are 0-23.

**pwsCustomScriptFullPath:** Contains the path name of the maintenance script to run.

**pcMaxMinutesAllowedForCustomScript:** Contains the total number of minutes the script is allowed to run.

**peReturnState:** Contains the following possible values:

Value	Meaning
0	Shutdown
1	Last known state

### 3.5.4.4 Install Operation

The **Install** method requests that the server install disk protection. This operation **MUST** be authenticated by using Server Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="Install">  
  <wsdl:input  
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/Install"  
name="IMultiPointDiskProtection_Install_InputMessage"  
message="tns:IMultiPointDiskProtection_Install_InputMessage"/>  
  <wsdl:output  
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/InstallResponse"  
name="IMultiPointDiskProtection_Install_OutputMessage"  
message="tns:IMultiPointDiskProtection_Install_OutputMessage"/>
```

```

    <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
    name="WmsFaultType"
    message="tns:IMultiPointDiskProtection_Install_WmsFaultType_FaultMessage"/>
  </wsdl:operation>

```

### 3.5.4.4.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointDiskProtection_Install_InputMessage	This message requests that the server install disk protection.
IMultiPointDiskProtection_Install_OutputMessage	Response message.
IMultiPointDiskProtection_Install_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.5.4.4.1.1 IMultiPointDiskProtection\_Install\_InputMessage Message

A **WSDL message** containing the request for the **Install WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/Install
<wsdl:message name="IMultiPointDiskProtection_Install_InputMessage">
  <wsdl:part name="Install" element="tns:Install"/>
</wsdl:message>

```

#### 3.5.4.4.1.2 IMultiPointDiskProtection\_Install\_OutputMessage Message

A **WSDL message** containing the response for the **Install WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/InstallResponse
<wsdl:message name="IMultiPointDiskProtection_Install_OutputMessage">
  <wsdl:part name="InstallResponse" element="tns:InstallResponse"/>
</wsdl:message>

```

#### 3.5.4.4.1.3 IMultiPointDiskProtection\_Install\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **Install WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointDiskProtection_Install_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>

```

### 3.5.4.4.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<Install>	Input parameters element
<InstallResponse>	Output data element

#### 3.5.4.4.2.1 Install

```
<xsd:element name="Install">  
  <xsd:complexType/>  
</xsd:element>
```

#### 3.5.4.4.2.2 InstallResponse

```
<xsd:element name="InstallResponse">  
  <xsd:complexType/>  
</xsd:element>
```

#### 3.5.4.4.3 Complex Types

None.

#### 3.5.4.5 IsInstalled Operation

The **IsInstalled** method requests the current install state of disk protection on the server. This operation **MUST** be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="IsInstalled">  
  <wsdl:input  
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/IsInstalled"  
    name="IMultiPointDiskProtection_IsInstalled_InputMessage"  
    message="tns:IMultiPointDiskProtection_IsInstalled_InputMessage"/>  
  <wsdl:output  
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/IsInstalledResponse"  
    name="IMultiPointDiskProtection_IsInstalled_OutputMessage"  
    message="tns:IMultiPointDiskProtection_IsInstalled_OutputMessage"/>  
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"  
    name="WmsFaultType"  
    message="tns:IMultiPointDiskProtection_IsInstalled_WmsFaultType_FaultMessage"/>  
</wsdl:operation>
```

#### 3.5.4.5.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointDiskProtection_IsInstalled_InputMessage	This message requests the install state of disk protection on the server.

Message	Description
IMultiPointDiskProtection_IsInstalled_OutputMessage	This message contains the install state of disk protection on the server.
IMultiPointDiskProtection_IsInstalled_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

### 3.5.4.5.1.1 IMultiPointDiskProtection\_IsInstalled\_InputMessage Message

A **WSDL message** containing the request for the **IsInstalled WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/IsInstalled
<wsdl:message name="IMultiPointDiskProtection_IsInstalled_InputMessage">
  <wsdl:part name="IsInstalled" element="tns:IsInstalled"/>
</wsdl:message>
```

### 3.5.4.5.1.2 IMultiPointDiskProtection\_IsInstalled\_OutputMessage Message

A **WSDL message** containing the response for the **IsInstalled WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/IsInstalledResponse
<wsdl:message name="IMultiPointDiskProtection_IsInstalled_OutputMessage">
  <wsdl:part name="IsInstalledResponse" element="tns:IsInstalledResponse"/>
</wsdl:message>
```

### 3.5.4.5.1.3 IMultiPointDiskProtection\_IsInstalled\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **IsInstalled WSDL operation**.

The SOAP action value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointDiskProtection_IsInstalled_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.5.4.5.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<IsInstalled>	Input parameters element
<IsInstalledResponse>	Output data element

### 3.5.4.5.2.1 IsInstalled

```
<xsd:element name="IsInstalled">
  <xsd:complexType/>
</xsd:element>
```

### 3.5.4.5.2.2 IsInstalledResponse

```
<xsd:element name="IsInstalledResponse">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="pfIsInstalled" type="xsd:boolean"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**pfIsInstalled:** Contains "true" if disk protection is installed on the server; otherwise "false".

### 3.5.4.5.3 Complex Types

None.

### 3.5.4.6 SetMode Operation

The **SetMode** method allows the disk protection mode of the server to be configured. This operation MUST be authenticated by using Server Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="SetMode">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/SetMode"
    name="IMultiPointDiskProtection_SetMode_InputMessage"
    message="tns:IMultiPointDiskProtection_SetMode_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/SetModeResponse"
    name="IMultiPointDiskProtection_SetMode_OutputMessage"
    message="tns:IMultiPointDiskProtection_SetMode_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
    name="WmsFaultType"
    message="tns:IMultiPointDiskProtection_SetMode_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.5.4.6.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointDiskProtection_SetMode_InputMessage	This message configures the disk protection mode of the server.
IMultiPointDiskProtection_SetMode_OutputMessage	Response message.
IMultiPointDiskProtection_SetMode_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.



### 3.5.4.6.1.1 IMultiPointDiskProtection\_SetMode\_InputMessage Message

A **WSDL message** containing the request for the **SetMode WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/SetMode
<wsdl:message name="IMultiPointDiskProtection_SetMode_InputMessage">
  <wsdl:part name="SetMode" element="tns:SetMode"/>
</wsdl:message>
```

### 3.5.4.6.1.2 IMultiPointDiskProtection\_SetMode\_OutputMessage Message

A **WSDL message** containing the response for the **SetMode WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/SetModeResponse
<wsdl:message name="IMultiPointDiskProtection_SetMode_OutputMessage">
  <wsdl:part name="SetModeResponse" element="tns:SetModeResponse"/>
</wsdl:message>
```

### 3.5.4.6.1.3 IMultiPointDiskProtection\_SetMode\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **SetMode WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointDiskProtection_SetMode_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.5.4.6.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<SetMode>	Input parameters element
<SetModeResponse>	Output data element

#### 3.5.4.6.2.1 SetMode

```
<xsd:element name="SetMode">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="dpm" type="xsd:unsignedInt"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**dpm**: Disk protection mode is an unsigned integer with the following possible values: 1 = Passive; 2 = Discard.

### 3.5.4.6.2.2 SetModeResponse

```
<xsd:element name="SetModeResponse">
  <xsd:complexType/>
</xsd:element>
```

### 3.5.4.6.3 Complex Types

None.

### 3.5.4.7 SetScheduledUpdateSettings Operation

The **SetScheduledUpdateSettings** method configures when updates are applied and maintenance is performed while disk protection is enabled. This operation **MUST** be authenticated by using Server Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="SetScheduledUpdateSettings">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/SetScheduledUpdateSettings" name="IMultiPointDiskProtection_SetScheduledUpdateSettings_InputMessage"
message="tns:IMultiPointDiskProtection_SetScheduledUpdateSettings_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/SetScheduledUpdateSettingsResponse" name="IMultiPointDiskProtection_SetScheduledUpdateSettings_OutputMessage"
message="tns:IMultiPointDiskProtection_SetScheduledUpdateSettings_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointDiskProtection_SetScheduledUpdateSettings_WmsFaultType_FaultMessage"/>
  </wsdl:operation>
```

#### 3.5.4.7.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointDiskProtection_SetScheduledUpdateSettings_InputMessage	This message configures when updates are applied and maintenance is performed while disk protection is enabled.
IMultiPointDiskProtection_SetScheduledUpdateSettings_OutputMessage	Response message.
IMultiPointDiskProtection_SetScheduledUpdateSettings_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.5.4.7.1.1 IMultiPointDiskProtection\_SetScheduledUpdateSettings\_InputMessage Message

A **WSDL message** containing the request for the **SetScheduledUpdateSettings WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/SetScheduledUpdateSettings
<wsdl:message name="IMultiPointDiskProtection_SetScheduledUpdateSettings_InputMessage">
  <wsdl:part name="SetScheduledUpdateSettings" element="tns:SetScheduledUpdateSettings"/>
</wsdl:message>
```

### 3.5.4.7.1.2 IMultiPointDiskProtection\_SetScheduledUpdateSettings\_OutputMessage Message

A **WSDL message** containing the response for the **SetScheduledUpdateSettings WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/SetScheduledUpdateSettingsRe
sponse
<wsdl:message name="IMultiPointDiskProtection_SetScheduledUpdateSettings_OutputMessage">
  <wsdl:part name="SetScheduledUpdateSettingsResponse"
element="tns:SetScheduledUpdateSettingsResponse"/>
</wsdl:message>
```

### 3.5.4.7.1.3 IMultiPointDiskProtection\_SetScheduledUpdateSettings\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **SetScheduledUpdateSettings WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message
name="IMultiPointDiskProtection_SetScheduledUpdateSettings_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.5.4.7.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<SetScheduledUpdateSettings>	Input parameters element
<SetScheduledUpdateSettingsResponse>	Output data element

#### 3.5.4.7.2.1 SetScheduledUpdateSettings

```
<xsd:element name="SetScheduledUpdateSettings"
type="tns:SetScheduledUpdateSettingsRequestBody"/>
```

#### 3.5.4.7.2.2 SetScheduledUpdateSettingsResponse

```
<xsd:element name="SetScheduledUpdateSettingsResponse"
type="q1:SetScheduledUpdateSettingsResponseBody"/>
```

### 3.5.4.7.3 Complex Types

The following table summarizes the **XML Schema** complex type definitions that are specific to this operation.

Complex type	Description
<SetScheduledUpdateSettingsRequestBody>	XML supplying the input parameters
<SetScheduledUpdateSettingsResponseBody>	XML supplying the output parameters

#### 3.5.4.7.3.1 SetScheduledUpdateSettingsRequestBody

```
<xsd:complexType name="SetScheduledUpdateSettingsRequestBody">
  <xsd:sequence>
    <xsd:element minOccurs="1" maxOccurs="1" name="eMode" type="xsd:unsignedInt"/>
    <xsd:element minOccurs="1" maxOccurs="1" name="iScheduledUpdateStartHour"
type="xsd:unsignedInt"/>
    <xsd:element minOccurs="1" maxOccurs="1" name="wsCustomScriptFullPath"
type="xsd:string"/>
    <xsd:element minOccurs="1" maxOccurs="1" name="cMaxMinutesAllowedForCustomScript"
type="xsd:unsignedInt"/>
    <xsd:element minOccurs="1" maxOccurs="1" name="eReturnState" type="xsd:unsignedInt"/>
  </xsd:sequence>
</xsd:complexType>
```

**eMode:** Contains the following possible values:

Value	Meaning
0	Disabled
1	Script only
2	Script and windows updates

**iScheduledUpdateStartHour:** Contains the hour to start the update process; possible values are 0–23.

**wsCustomScriptFullPath:** Contains the path name of the maintenance script to run.

**cMaxMinutesAllowedForCustomScript:** Contains the total number of minutes the script is allowed to run.

**eReturnState:** Contains the following possible values:

Value	Meaning
0	Shutdown
1	Last known state

### 3.5.4.7.3.2 SetScheduledUpdateSettingsResponseBody

```
<xsd:complexType name="SetScheduledUpdateSettingsResponseBody"/>
```

### 3.5.4.8 Uninstall Operation

The **Uninstall** method requests that the server uninstall disk protection. This operation **MUST** be authenticated by using Server Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="Uninstall">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/Uninstall"
name="IMultiPointDiskProtection_Uninstall_InputMessage"
message="tns:IMultiPointDiskProtection_Uninstall_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/UninstallResponse"
name="IMultiPointDiskProtection_Uninstall_OutputMessage"
message="tns:IMultiPointDiskProtection_Uninstall_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
name="WmsFaultType"
message="tns:IMultiPointDiskProtection_Uninstall_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.5.4.8.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointDiskProtection_Uninstall_InputMessage	This message requests the server uninstall disk protection.
IMultiPointDiskProtection_Uninstall_OutputMessage	This message contains the current Uninstall Disk Protection Stage.
IMultiPointDiskProtection_Uninstall_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

##### 3.5.4.8.1.1 IMultiPointDiskProtection\_Uninstall\_InputMessage Message

A **WSDL message** containing the request for Uninstall **WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/Uninstall
<wsdl:message name="IMultiPointDiskProtection_Uninstall_InputMessage">
  <wsdl:part name="Uninstall" element="tns:Uninstall"/>
</wsdl:message>
```

##### 3.5.4.8.1.2 IMultiPointDiskProtection\_Uninstall\_OutputMessage Message

A **WSDL message** containing the response for Uninstall **WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/UninstallResponse
<wsdl:message name="IMultiPointDiskProtection_Uninstall_OutputMessage">
  <wsdl:part name="UninstallResponse" element="tns:UninstallResponse"/>
</wsdl:message>
```

### 3.5.4.8.1.3 IMultiPointDiskProtection\_Uninstall\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for Uninstall **WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointDiskProtection_Uninstall_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.5.4.8.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<Uninstall>	Input parameters element
<UninstallResponse>	Output data element

#### 3.5.4.8.2.1 Uninstall

```
<xsd:element name="Uninstall">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="udps" type="xsd:unsignedInt"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**udps:** The uninstall disk protection stage is an unsigned integer with the following possible values: 1 = Uninstall, 2 = Post Uninstall, or 3 = Delayed Uninstall Allowed.

#### 3.5.4.8.2.2 UninstallResponse

```
<xsd:element name="UninstallResponse">
  <xsd:complexType/>
</xsd:element>
```

#### 3.5.4.8.3 Complex Types

None.

### 3.5.5 Timer Events

None.

### 3.5.6 Other Local Events

None.

## 3.6 IMultiPointServer Server Details

The IMultiPointServer endpoint is a collection of APIs that apply to the server as a whole, not a specific station or session.

### 3.6.1 Abstract Data Model

This section describes a conceptual model of possible data organization that an implementation maintains to participate in this algorithm. The described organization is provided to facilitate the explanation of how the algorithm behaves. This document does not mandate that implementations adhere to this model as long as their external behavior is consistent with that described in this document.

The server MUST supply an **X.509** certificate for the purpose of server identification and to be used by the client and server to encrypt **SOAP** requests/responses.

The server MUST create and securely store a random password to be used to authenticate API requests.

### 3.6.2 Timers

None.

### 3.6.3 Initialization

None.

### 3.6.4 Message Processing Events and Sequencing Rules

The following table summarizes the list of operations as defined by this protocol.

Operation	Description
EnableChat	Enable/Disable the chat feature on a system-wide basis.
EnableVirtualIpPerSession	Enable/disable unique IP address per remote desktop session on the server.
GetAllSessions	Retrieve information about all Windows sessions currently on the server.
GetClientVersion	Get the version of MultiPoint Connector installed on the server.
GetLicenseCount	Get the count of available terminal services client access licences from the server.
GetManagedSystemsType	Get the MultiPoint system type of the server.
GetNetJoinStatus	Get the workgroup or domain name of the server.
GetPeerWmsConnectorList	Get a array of known MultiPoint Connector machines and their

Operation	Description
	corresponding IP addresses from the server.
GetPeerWmsServerList	Get a array of known MultiPoint Services machines and their corresponding IP addresses from the server.
GetReplacementSslCertificate	Get the <b>X.509</b> certificate that will be used to replace the current certificate when it expires.
GetServerVersion	Get the version of MultiPoint Services installed on the server.
GetSystemAlertStatus	Get the MultiPoint System Alert status for a specific alert type from the server.
GetSystemMode	Determine if the system is in single or multistation mode.
GetUseHardwareGpu	Get the current graphics rendering configuration.
GetVirtualMachineHostname	Get the virtual machine host machine's host name.
GetVirtualMachineIpAddress	Get the IP address of a virtual machine hosted on the server.
GetWmsWebLimiting	Get the current web limiting configuration.
IsAdminOrchestrationMode	Get the current admin accounts subject to orchestration, monitoring, and management of the accounts.
IsBootToConsoleMode	Get the current boot-to-console mode configuration of the server.
IsChatEnabled	Get the current chat feature configuration.
IsDesktopMonitoringAllowed	Get the current desktop monitoring configuration of the server.
IsHypervisorPresent	Ask server if it is running under a hypervisor.
IsSingleSessionPerUser	Get single session per user feature enable state.
IsSuppressPrivacyNotificationSet	Determine if the privacy notice has been disabled.
IsVirtualIpPerSessionEnabled	Get virtual IP address per session feature enable state.
LoadWindowsEdition	Get the operating system edition string.
Reboot	Request that the server reboot.
RegisterChatEventSink	Register the client to receive MultiPoint Chat events from the server.
RegisterCoreEventSink	Register the client to receive MultiPoint Core events from the server.
SetAdminOrchestrationMode	Enable/disable admin accounts that are subject to orchestration.
SetBlockAllMessage	Block all stations with the specified message.
SetBootToConsoleMode	Enable/disable boot-to-console mode on the server.
SetDesktopMonitoring	Enable/disable desktop monitoring on the server.
SetReplacementSslCertificate	Update server with the client's <b>SSL</b> certificate if the old certificate is expiring.
SetSingleSessionPerUser	Enable/disable single session per user on the server.
SetSuppressPrivacyNotification	Enable/disable the display of the privacy notice.



Operation	Description
SetUseHardwareGpu	Enable/disable usage of the hardware <b>graphics processing unit (GPU)</b> for rendering.
Shutdown	Request that the server shut down.
UnregisterChatEventSink	Request that the server no longer forward MultiPoint Chat events.
UnregisterCoreEventSink	Request that the server no longer forward MultiPoint Core events.
ValidateAutoLogonAccount	Request that the server validate the supplied user credentials.

### 3.6.4.1 GetAllSessions Operation

The **GetAllSessions** method requests information about all Windows sessions on the server. This operation **MUST** be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="GetAllSessions">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetAllSessions"
    name="IMultiPointServer_GetAllSessions_InputMessage"
    message="tns:IMultiPointServer_GetAllSessions_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetAllSessionsResponse"
    name="IMultiPointServer_GetAllSessions_OutputMessage"
    message="tns:IMultiPointServer_GetAllSessions_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointServer_GetAllSessions_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.6.4.1.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_GetAllSessions_InputMessage	This message requests information about all Windows sessions on the server.
IMultiPointServer_GetAllSessions_OutputMessage	This message contains information about all Windows sessions on the server.
IMultiPointServer_GetAllSessions_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

##### 3.6.4.1.1.1 IMultiPointServer\_GetAllSessions\_InputMessage Message

A **WSDL message** containing the request for the **GetAllSessions WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/GetAllSessions
```

```
<wsdl:message name="IMultiPointServer_GetAllSessions_InputMessage">
  <wsdl:part name="GetAllSessions" element="tns:GetAllSessions"/>
</wsdl:message>
```

### 3.6.4.1.1.2 IMultiPointServer\_GetAllSessions\_OutputMessage Message

A **WSDL message** containing the response for the **GetAllSessions WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/GetAllSessionsResponse
<wsdl:message name="IMultiPointServer_GetAllSessions_OutputMessage">
  <wsdl:part name="GetAllSessionsResponse" element="tns:GetAllSessionsResponse"/>
</wsdl:message>
```

### 3.6.4.1.1.3 IMultiPointServer\_GetAllSessions\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **GetAllSessions WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointServer_GetAllSessions_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.6.4.1.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<GetAllSessions>	Input parameters element
<GetAllSessionsResponse>	Output data element

#### 3.6.4.1.2.1 GetAllSessions

```
<xsd:element name="GetAllSessions" type="q1:GetAllSessionsRequestBody"/>
```

#### 3.6.4.1.2.2 GetAllSessionsResponse

```
<xsd:element name="GetAllSessionsResponse" type="tns:GetAllSessionsResponseBody"/>
```

### 3.6.4.1.3 Complex Types

The following table summarizes the **XML Schema** complex type definitions that are specific to this operation.

Complex type	Description
<GetAllSessionsRequestBody>	XML supplying the input parameters
<GetAllSessionsResponseBody>	XML supplying the output parameters
<WMS_SESSION_INFO_WS>	XML containing information about a Windows session
<ArrayOfWMS_SESSION_INFO_WS>	XML containing an array of zero or more elements of type tns:WMS_SESSION_INFO_WS

### 3.6.4.1.3.1 GetAllSessionsRequestBody

```
<xsd:complexType name="GetAllSessionsRequestBody"/>
```

### 3.6.4.1.3.2 GetAllSessionsResponseBody

```
<xsd:complexType name="GetAllSessionsResponseBody">
  <xsd:sequence>
    <xsd:element minOccurs="1" maxOccurs="1" name="pcSessionInfo" type="xsd:int"/>
    <xsd:element minOccurs="1" maxOccurs="1" name="prgWmsSessionInfoWs"
type="tns:ArrayOfWMS_SESSION_INFO_WS"/>
  </xsd:sequence>
</xsd:complexType>
```

**pcSessionInfo:** Contains the count of session info structures returned.

**prgWmsSessionInfoWs:** Contains an array of **WMS\_SESSION\_INFO\_WS** structures (section [3.6.4.1.3.3](#)).

### 3.6.4.1.3.3 WMS\_SESSION\_INFO\_WS

The **WMS\_SESSION\_INFO\_WS** complex type is XML containing data about a Windows session.

```
<xsd:complexType name="WMS_SESSION_INFO_WS">
  <xsd:sequence>
    <xsd:element minOccurs="1" maxOccurs="1" name="id" type="xsd:unsignedLong"/>
    <xsd:element minOccurs="1" maxOccurs="1" name="state" type="xsd:unsignedInt"/>
    <xsd:element minOccurs="1" maxOccurs="1" name="wsUserName" type="xsd:string"/>
    <xsd:element minOccurs="1" maxOccurs="1" name="wsDomain" type="xsd:string"/>
    <xsd:element minOccurs="1" maxOccurs="1" name="wsWinStation" type="xsd:string"/>
    <xsd:element minOccurs="1" maxOccurs="1" name="fIsRail" type="xsd:boolean"/>
  </xsd:sequence>
</xsd:complexType>
```

**id:** Contains the remote desktop session ID.

**state:** The possible values of the states are as follows:

Value	State Name	Meaning
0	WTSAActive	A user is logged on to the Windows Station (WinStation). For more information on Windows Station see <a href="#">[MSDN-WinStation]</a> .
1	WTSCConnected	The WinStation is connected to the client.
2	WTSCConnectQuery	The WinStation is in the process of connecting to the client.

Value	State Name	Meaning
3	WTSShadow	The WinStation is shadowing another WinStation.
4	WTSDisconnected	The WinStation is active but the client is disconnected.
5	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.

**fiIsRail:** Contains "true" if the session is a RAIL session.

#### 3.6.4.1.3.4 ArrayOfWMS\_SESSION\_INFO\_WS

The **ArrayOfWMS\_SESSION\_INFO\_WS** complex type is an array of zero or more elements of type `tns:WMS_SESSION_INFO_WS`.<3>

```
<xsd:complexType name="ArrayOfWMS_SESSION_INFO_WS">
  <xsd:sequence>
    <xsd:element minOccurs="0" maxOccurs="unbounded" name="prgWmsSessionInfoWs"
type="tns:WMS_SESSION_INFO_WS" />
  </xsd:sequence>
</xsd:complexType>
```

**prgWmsSessionInfoWs:** Array of zero or more `WMS_SESSION_INFO_WS` structures.

#### 3.6.4.1.4 Simple Types

None.

#### 3.6.4.2 GetClientVersion Operation

The **GetClientVersion** method requests the version string of the MultiPoint Connector installed on the server. This operation MUST be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="GetClientVersion">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetClientVersion"
name="IMultiPointServer_GetClientVersion_InputMessage"
message="tns:IMultiPointServer_GetClientVersion_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetClientVersionResponse"
name="IMultiPointServer_GetClientVersion_OutputMessage"
message="tns:IMultiPointServer_GetClientVersion_OutputMessage"/>
```

```

    <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointServer_GetClientVersion_WmsFaultType_FaultMessage"/>
  </wsdl:operation>

```

### 3.6.4.2.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_GetClientVersion_InputMessage	This message requests the version of the MultiPoint Connector that is installed on the server.
IMultiPointServer_GetClientVersion_OutputMessage	This message contains the version of the MultiPoint Connector that is installed on the server.
IMultiPointServer_GetClientVersion_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.6.4.2.1.1 IMultiPointServer\_GetClientVersion\_InputMessage Message

A **WSDL message** containing the request for the **GetClientVersion WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointServer/GetClientVersion
<wsdl:message name="IMultiPointServer_GetClientVersion_InputMessage">
  <wsdl:part name="GetClientVersion" element="tns:GetClientVersion"/>
</wsdl:message>

```

#### 3.6.4.2.1.2 IMultiPointServer\_GetClientVersion\_OutputMessage Message

A **WSDL message** containing the response for the **GetClientVersion WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointServer/GetClientVersionResponse
<wsdl:message name="IMultiPointServer_GetClientVersion_OutputMessage">
  <wsdl:part name="GetClientVersionResponse" element="tns:GetClientVersionResponse"/>
</wsdl:message>

```

#### 3.6.4.2.1.3 IMultiPointServer\_GetClientVersion\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **GetClientVersion WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointServer_GetClientVersion_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>

```

### 3.6.4.2.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<GetClientVersion>	Input parameters element
<GetClientVersionResponse>	Output data element

#### 3.6.4.2.2.1 GetClientVersion

```
<xsd:element name="GetClientVersion" type="q1:GetClientVersionRequestBody"/>
```

#### 3.6.4.2.2.2 GetClientVersionResponse

```
<xsd:element name="GetClientVersionResponse" type="tns:GetClientVersionResponseBody"/>
```

### 3.6.4.2.3 Complex Types

The following table summarizes the **XML Schema** complex type definitions that are specific to this operation.

Complex type	Description
<GetClientVersionRequestBody>	XML supplying the input parameters
<GetClientVersionResponseBody>	XML supplying the output parameters

#### 3.6.4.2.3.1 GetClientVersionRequestBody

```
<xsd:complexType name="GetClientVersionRequestBody"/>
```

#### 3.6.4.2.3.2 GetClientVersionResponseBody

```
<xsd:complexType name="GetClientVersionResponseBody">  
  <xsd:sequence>  
    <xsd:element minOccurs="0" maxOccurs="1" name="pwsVersion" type="xsd:string"/>  
  </xsd:sequence>  
</xsd:complexType>
```

**pwsVersion:** Contains the version string of the MultiPoint Connector.

### 3.6.4.3 GetPeerWmsServerList Operation

The **GetPeerWmsServerList** method requests a list of MultiPoint Services host names and their corresponding IP addresses from the server. This operation **MUST** be authenticated by using Server Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="GetPeerWmsServerList">
```

```

    <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetPeerWmsServerList"
name="IMultiPointServer_GetPeerWmsServerList_InputMessage"
message="tns:IMultiPointServer_GetPeerWmsServerList_InputMessage"/>
    <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetPeerWmsServerListResponse"
name="IMultiPointServer_GetPeerWmsServerList_OutputMessage"
message="tns:IMultiPointServer_GetPeerWmsServerList_OutputMessage"/>
    <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointServer_GetPeerWmsServerList_WmsFaultType_FaultMessage"/>
</wsdl:operation>

```

### 3.6.4.3.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_GetPeerWmsServerList_InputMessage	This message requests a list of known Multipoint Services machines and their corresponding IP addresses.
IMultiPointServer_GetPeerWmsServerList_OutputMessage	This message contains a list of known Multipoint Services machines and their corresponding IP addresses.
IMultiPointServer_GetPeerWmsServerList_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.6.4.3.1.1 IMultiPointServer\_GetPeerWmsServerList\_InputMessage Message

A **WSDL message** containing the request for the **GetPeerWmsServerList WSDL operation**.

The **SOAP** action value is:

```

http://MultiPoint/RemoteManagement/IMultiPointServer/GetPeerWmsServerList
<wsdl:message name="IMultiPointServer_GetPeerWmsServerList_InputMessage">
  <wsdl:part name="GetPeerWmsServerList" element="tns:GetPeerWmsServerList"/>
</wsdl:message>

```

#### 3.6.4.3.1.2 IMultiPointServer\_GetPeerWmsServerList\_OutputMessage Message

A **WSDL message** containing the response for the **GetPeerWmsServerList WSDL operation**.

The **SOAP** action value is:

```

http://MultiPoint/RemoteManagement/IMultiPointServer/GetPeerWmsServerListResponse
<wsdl:message name="IMultiPointServer_GetPeerWmsServerList_OutputMessage">
  <wsdl:part name="GetPeerWmsServerListResponse" element="tns:GetPeerWmsServerListResponse"/>
</wsdl:message>

```

#### 3.6.4.3.1.3 IMultiPointServer\_GetPeerWmsServerList\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **GetPeerWmsServerList WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointServer_GetPeerWmsServerList_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.6.4.3.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<GetPeerWmsServerList>	Input parameters element
<GetPeerWmsServerListResponse>	Output data element

#### 3.6.4.3.2.1 GetPeerWmsServerList

```
<xsd:element name="GetPeerWmsServerList" type="q1:GetPeerWmsServerListRequestBody"/>
```

#### 3.6.4.3.2.2 GetPeerWmsServerListResponse

```
<xsd:element name="GetPeerWmsServerListResponse"
type="tns:GetPeerWmsServerListResponseBody"/>
```

### 3.6.4.3.3 Complex Types

The following table summarizes the **XML Schema** complex type definitions that are specific to this operation.

Complex type	Description
<GetPeerWmsServerListRequestBody>	XML supplying the input parameters
<GetPeerWmsServerListResponseBody>	XML supplying the output parameters

#### 3.6.4.3.3.1 GetPeerWmsServerListRequestBody

```
<xsd:complexType name="GetPeerWmsServerListRequestBody"/>
```

#### 3.6.4.3.3.2 GetPeerWmsServerListResponseBody

```
<xsd:complexType name="GetPeerWmsServerListResponseBody">
  <xsd:sequence>
    <xsd:element minOccurs="0" maxOccurs="1" name="prgwsIpAddressList"
type="xsd:ArrayOfStrings"/>
    <xsd:element minOccurs="0" maxOccurs="1" name="prgwsServerList" type="xsd:ArrayOfStrings"
"/>
  </xsd:sequence>
```



```
</xsd:complexType>
```

**prgwsIpAddressList:** Contains an array of IP address strings.

**prgwsServerList:** Contains a list of host names with the MultiPoint Services installed.

### 3.6.4.4 GetPeerWmsConnectorList Operation

The **GetPeerWmsConnectorList** method requests a list of MultiPoint Connector host names and their corresponding IP addresses from the server. This operation **MUST** be authenticated by using Server Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="GetPeerWmsConnectorList">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetPeerWmsConnectorList"
    name="IMultiPointServer_GetPeerWmsConnectorList_InputMessage"
    message="tns:IMultiPointServer_GetPeerWmsConnectorList_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetPeerWmsConnectorListResp
onse" name="IMultiPointServer_GetPeerWmsConnectorList_OutputMessage"
    message="tns:IMultiPointServer_GetPeerWmsConnectorList_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointServer_GetPeerWmsConnectorList_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.6.4.4.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_GetPeerWmsConnectorList_InputMessage	This message requests a list of known Multipoint Connector machines and their corresponding IP addresses.
IMultiPointServer_GetPeerWmsConnectorList_OutputMessage	This message contains a list of known Multipoint Connector machines and their corresponding IP addresses.
IMultiPointServer_GetPeerWmsConnectorList_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

##### 3.6.4.4.1.1 IMultiPointServer\_GetPeerWmsConnectorList\_InputMessage Message

A **WSDL message** containing the request for the **GetPeerWmsConnectorList WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/GetPeerWmsConnectorList
<wsdl:message name="IMultiPointServer_GetPeerWmsConnectorList_InputMessage">
  <wsdl:part name="GetPeerWmsConnectorList" element="tns:GetPeerWmsConnectorList"/>
</wsdl:message>
```

##### 3.6.4.4.1.2 IMultiPointServer\_GetPeerWmsConnectorList\_OutputMessage Message

A **WSDL message** containing the response for the **GetPeerWmsConnectorList WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/GetPeerWmsConnectorListResponse
<wsdl:message name="IMultiPointServer_GetPeerWmsConnectorList_OutputMessage">
  <wsdl:part name="GetPeerWmsConnectorListResponse"
    element="tns:GetPeerWmsConnectorListResponse"/>
</wsdl:message>
```

### 3.6.4.4.1.3 IMultiPointServer\_GetPeerWmsConnectorList\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **GetPeerWmsConnectorList WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointServer_GetPeerWmsConnectorList_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.6.4.4.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<GetPeerWmsConnectorList>	Input parameters element
<GetPeerWmsConnectorListResponse>	Output data element

#### 3.6.4.4.2.1 GetPeerWmsConnectorList

```
<xsd:element name="GetPeerWmsConnectorList" type="q1:GetPeerWmsConnectorListRequestBody"/>
```

#### 3.6.4.4.2.2 GetPeerWmsConnectorListResponse

```
<xsd:element name="GetPeerWmsConnectorListResponse"
  type="tns:GetPeerWmsConnectorListResponseBody"/>
```

### 3.6.4.4.3 Complex Types

The following table summarizes the **XML Schema** complex type definitions that are specific to this operation.

Complex type	Description
<GetPeerWmsConnectorListRequestBody>	XML supplying the input parameters
<GetPeerWmsConnectorListResponseBody>	XML supplying the output parameters

### 3.6.4.4.3.1 GetPeerWmsConnectorListRequestBody

```
<xsd:complexType name="GetPeerWmsConnectorListRequestBody"/>
```

### 3.6.4.4.3.2 GetPeerWmsConnectorListResponseBody

```
<xsd:complexType name="GetPeerWmsConnectorListResponseBody">  
  <xsd:sequence>  
    <xsd:element minOccurs="0" maxOccurs="1" name="prgwsIpAddressList"  
type="xsd:ArrayOfStrings"/>  
    <xsd:element minOccurs="0" maxOccurs="1" name="prgwsConnectorList" type="xsd:  
ArrayOfStrings"/>  
  </xsd:sequence>  
</xsd:complexType>
```

**prgwsIpAddressList:** Contains an array of IP address strings.

**prgwsConnectorList:** Contains an array of MultiPoint Connector host names.

### 3.6.4.5 GetServerVersion Operation

The **GetServerVersion** method requests the version of MultiPoint Services installed on the server. This operation MUST be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="GetServerVersion">  
  <wsdl:input  
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetServerVersion"  
name="IMultiPointServer_GetServerVersion_InputMessage"  
message="tns:IMultiPointServer_GetServerVersion_InputMessage"/>  
  <wsdl:output  
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetServerVersionResponse"  
name="IMultiPointServer_GetServerVersion_OutputMessage"  
message="tns:IMultiPointServer_GetServerVersion_OutputMessage"/>  
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"  
message="tns:IMultiPointServer_GetServerVersion_WmsFaultType_FaultMessage"/>  
</wsdl:operation>
```

#### 3.6.4.5.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_GetServerVersion_InputMessage	This message requests the version of MultiPoint Services installed on the server
IMultiPointServer_GetServerVersion_OutputMessage	This message contains the version of MultiPoint Services installed on the server.
IMultiPointServer_GetServerVersion_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.6.4.5.1.1 IMultiPointServer\_GetServerVersion\_InputMessage Message

A **WSDL message** containing the request for the **GetServerVersion WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/GetServerVersion
<wsdl:message name="IMultiPointServer_GetServerVersion_InputMessage">
  <wsdl:part name="GetServerVersion" element="tns:GetServerVersion"/>
</wsdl:message>
```

#### 3.6.4.5.1.2 IMultiPointServer\_GetServerVersion\_OutputMessage Message

A **WSDL message** containing the response for the **GetServerVersion WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/GetServerVersionResponse
<wsdl:message name="IMultiPointServer_GetServerVersion_OutputMessage">
  <wsdl:part name="GetServerVersionResponse" element="tns:GetServerVersionResponse"/>
</wsdl:message>
```

#### 3.6.4.5.1.3 IMultiPointServer\_GetServerVersion\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **GetServerVersion WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointServer_GetServerVersion_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.6.4.5.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<GetServerVersion>	Input parameters element
<GetServerVersionResponse>	Output data element

#### 3.6.4.5.2.1 GetServerVersion

```
<xsd:element name="GetServerVersion" type="q1:GetServerVersionRequestBody"/>
```

#### 3.6.4.5.2.2 GetServerVersionResponse

```
<xsd:element name="GetServerVersionResponse" type="tns:GetServerVersionResponseBody"/>
```

### 3.6.4.5.3 Complex Types

The following table summarizes the **XML Schema** complex type definitions that are specific to this operation.

Complex type	Description
<GetServerVersionRequestBody>	XML supplying the input parameters
<GetServerVersionResponseBody>	XML supplying the output parameters

### 3.6.4.5.3.1 GetServerVersionRequestBody

```
<xsd:complexType name="GetServerVersionRequestBody"/>
```

### 3.6.4.5.3.2 GetServerVersionResponseBody

```
<xsd:complexType name="GetServerVersionResponseBody">
  <xsd:sequence>
    <xsd:element minOccurs="0" maxOccurs="1" name="pwsVersion" type="xsd:string"/>
  </xsd:sequence>
</xsd:complexType>
```

**pwsVersion:** Contains the version of the MultiPoint Services installed on the server.

### 3.6.4.6 GetSystemAlertStatus Operation

The **GetSystemAlertStatus** method requests the status of a particular MultiPoint System Alert from the server. This operation MUST be authenticated by using the Server Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="GetSystemAlertStatus">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetSystemAlertStatus"
    name="IMultiPointServer_GetSystemAlertStatus_InputMessage"
    message="tns:IMultiPointServer_GetSystemAlertStatus_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetSystemAlertStatusResponse"
    name="IMultiPointServer_GetSystemAlertStatus_OutputMessage"
    message="tns:IMultiPointServer_GetSystemAlertStatus_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointServer_GetSystemAlertStatus_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.6.4.6.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_GetSystemAlertStatus_InputMessage	This message requests the status of a particular MultiPoint System Alert.
IMultiPointServer_GetSystemAlertStatus_OutputMessage	This message contains the status of a particular MultiPoint System Alert.
IMultiPointServer_GetSystemAlertStatus_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

### 3.6.4.6.1.1 IMultiPointServer\_GetSystemAlertStatus\_InputMessage Message

A **WSDL** message containing the request for the **GetSystemAlertStatus WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/GetSystemAlertStatus
<wsdl:message name="IMultiPointServer_GetSystemAlertStatus_InputMessage">
  <wsdl:part name="GetSystemAlertStatus" element="tns:GetSystemAlertStatus"/>
</wsdl:message>
```

### 3.6.4.6.1.2 IMultiPointServer\_GetSystemAlertStatus\_OutputMessage Message

A **WSDL message** containing the response for the **GetSystemAlertStatus WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/GetSystemAlertStatusResponse
<wsdl:message name="IMultiPointServer_GetSystemAlertStatus_OutputMessage">
  <wsdl:part name="GetSystemAlertStatusResponse" element="tns:GetSystemAlertStatusResponse"/>
</wsdl:message>
```

### 3.6.4.6.1.3 IMultiPointServer\_GetSystemAlertStatus\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **GetSystemAlertStatus WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointServer_GetSystemAlertStatus_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.6.4.6.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<GetSystemAlertStatus>	Input parameters element
<GetSystemAlertStatusResponse>	Output data element

#### 3.6.4.6.2.1 GetSystemAlertStatus

```
<xsd:element name="GetSystemAlertStatus">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="eType" type="xsd:unsignedInt"/>
    </xsd:sequence>
  </xsd:complexType>
```

```
</xsd:element>
```

**eType:** Contains an unsigned integer with the following possible values:

Value	Meaning
0	Standard VGA Adapter Only
1	No potential station hubs
2	Safe mode
3	Keyboard or mouse on root hub
4	Monitors without potential station hubs
5	Disk protection first threshold crossed
6	Disk protection second threshold crossed

### 3.6.4.6.2.2 GetSystemAlertStatusResponse

```
<xsd:element name="GetSystemAlertStatusResponse">  
  <xsd:complexType>  
    <xsd:sequence>  
      <xsd:element minOccurs="0" maxOccurs="1" name="peSeverity" type="xsd:unsignedInt"/>  
      <xsd:element minOccurs="0" maxOccurs="1" name="peStatus" type="xsd:unsignedInt"/>  
    </xsd:sequence>  
  </xsd:complexType>  
</xsd:element>
```

**peSeverity:** An unsigned integer with the following possible values:

Value	Meaning
0	unknown
1	yellow
2	red
3	fatal

**peStatus:** An unsigned integer with the following possible values:

Value	Meaning
0	cleared
1	set
2	no change

### 3.6.4.6.3 Complex Types

None.

### 3.6.4.7 GetSystemMode Operation

The **GetSystemMode** method requests the server's current mode of operation. This operation MUST be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="GetSystemMode">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetSystemMode"
    name="IMultiPointServer_GetSystemMode_InputMessage"
    message="tns:IMultiPointServer_GetSystemMode_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetSystemModeResponse"
    name="IMultiPointServer_GetSystemMode_OutputMessage"
    message="tns:IMultiPointServer_GetSystemMode_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointServer_GetSystemMode_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.6.4.7.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_GetSystemMode_InputMessage	This message requests the current system mode of the server.
IMultiPointServer_GetSystemMode_OutputMessage	This message contains the current system mode of the server.
IMultiPointServer_GetSystemMode_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

##### 3.6.4.7.1.1 IMultiPointServer\_GetSystemMode\_InputMessage Message

A **WSDL message** containing the request for the **GetSystemMode WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/GetSystemMode
<wsdl:message name="IMultiPointServer_GetSystemMode_InputMessage">
  <wsdl:part name="GetSystemMode" element="tns:GetSystemMode"/>
</wsdl:message>
```

##### 3.6.4.7.1.2 IMultiPointServer\_GetSystemMode\_OutputMessage Message

A **WSDL message** containing the response for the **GetSystemMode WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/GetSystemModeResponse
<wsdl:message name="IMultiPointServer_GetSystemMode_OutputMessage">
  <wsdl:part name="GetSystemModeResponse" element="tns:GetSystemModeResponse"/>
</wsdl:message>
```



```
</wsdl:message>
```

### 3.6.4.7.1.3 IMultiPointServer\_GetSystemMode\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **GetSystemMode WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointServer_GetSystemMode_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.6.4.7.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<GetSystemMode>	Input parameters element
<GetSystemModeResponse>	Output data element

#### 3.6.4.7.2.1 GetSystemMode

```
<xsd:element name="GetSystemMode">
  <xsd:complexType/>
</xsd:element>
```

#### 3.6.4.7.2.2 GetSystemModeResponse

```
<xsd:element name="GetSystemModeResponse">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="0" maxOccurs="1" name="peType" type="xsd:unsignedInt"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**peType:** Contains an unsigned integer with the following possible values:

Value	Meaning
0	MultiStation
1	Maintenance/console

#### 3.6.4.7.3 Complex Types

None.

### 3.6.4.8 GetUseHardwareGpu Operation

The **GetUseHardwareGpu**[<4>](#) method requests that the server return its current **GPU** for graphics rendering configuration. This operation **MUST** be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="GetUseHardwareGpu">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetUseHardwareGpu "
    name="IMultiPointServer_GetUseHardwareGpu_InputMessage" message="tns:IMultiPointServer_
    GetUseHardwareGpu _InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetUseHardwareGpuResponse"
    name="IMultiPointServer_GetUseHardwareGpu_OutputMessage"
    message="tns:IMultiPointServer_GetUseHardwareGpu_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointServer_GetUseHardwareGpu_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.6.4.8.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_GetUseHardwareGpu_InputMessage	This message requests the current <b>GPU</b> for graphics rendering configuration.
IMultiPointServer_GetUseHardwareGpu_OutputMessage	This message contains the current setting for using the GPU for rendering.
IMultiPointServer_GetUseHardwareGpu_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

##### 3.6.4.8.1.1 IMultiPointServer\_GetUseHardwareGpu\_InputMessage

A **WSDL message** containing the request for the **GetUseHardwareGpu** WSDL operation.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/GetUseHardwareGpu
<wsdl:message name="IMultiPointServer_GetUseHardwareGpu_InputMessage">
  <wsdl:part name="GetUseHardwareGpu" element="tns:GetUseHardwareGpu"/>
</wsdl:message>
```

##### 3.6.4.8.1.2 IMultiPointServer\_GetUseHardwareGpu\_OutputMessage

A **WSDL message** containing the response for the **GetUseHardwareGpu** **WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/GetUseHardwareGpuResponse
<wsdl:message name="IMultiPointServer_GetUseHardwareGpu_OutputMessage">
  <wsdl:part name="GetUseHardwareGpu" element="tns:GetUseHardwareGpuResponse"/>
</wsdl:message>
```

### 3.6.4.8.1.3 IMultiPointServer\_GetUseHardwareGpu\_WmsFaultType\_FaultMessage

A **WSDL message** containing a fault for the **GetUseHardwareGpu WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointServer_GetUseHardwareGpu_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.6.4.8.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<GetUseHardwareGpu>	Input parameters element
<GetUseHardwareGpuResponse>	Output data element

#### 3.6.4.8.2.1 GetUseHardwareGpu

```
<xsd:element name="GetUseHardwareGpu" type="tns:GetUseHardwareGpuRequestBody"/>
```

#### 3.6.4.8.2.2 GetUseHardwareGpuResponse

```
<xsd:element name="GetUseHardwareGpuResponse" type="tns:GetUseHardwareGpuResponseBody"/>
```

### 3.6.4.8.3 Complex Types

The following table summarizes the **XML Schema** complex type definitions that are specific to this operation.

Element	Description
<GetUseHardwareGpuRequestBody>	XML supplying the input parameters
<GetUseHardwareGpuResponseBody>	XML supplying the output parameters

#### 3.6.4.8.3.1 GetUseHardwareGpuRequestBody

```
<xsd:complexType name="GetUseHardwareGpuRequestBody"/>
```

#### 3.6.4.8.3.2 GetUseHardwareGpuResponseBody

```
<xsd:complexType name="GetUseHardwareGpuResponseBody">
  <xsd:sequence>
    <xsd:element minOccurs="1" maxOccurs="1" name="pfUseHardwareGpu"
type="xsd:boolean" />
  </xsd:sequence>
```

```
</xsd:complexType>
```

**pfUseHardwareGpu:** Contains "true" if the server is using the hardware **GPU** for rendering.

### 3.6.4.9 GetVirtualMachineIpAddress Operation

The **GetVirtualMachineIpAddress** method requests the IP address of a specific virtual machine hosted on the server. This operation **MUST** be authenticated by using Server Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="GetVirtualMachineIpAddress">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetVirtualMachineIpAddress"
    name="IMultiPointServer_GetVirtualMachineIpAddress_InputMessage"
    message="tns:IMultiPointServer_GetVirtualMachineIpAddress_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetVirtualMachineIpAddressR
    esponse" name="IMultiPointServer_GetVirtualMachineIpAddress_OutputMessage"
    message="tns:IMultiPointServer_GetVirtualMachineIpAddress_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointServer_GetVirtualMachineIpAddress_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.6.4.9.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_GetVirtualMachineIpAddress_InputMessage	This message requests the IP address of the specified virtual machine hosted on the server.
IMultiPointServer_GetVirtualMachineIpAddress_OutputMessage	This message contains the IP address of the specified virtual machine hosted on the server.
IMultiPointServer_GetVirtualMachineIpAddress_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

##### 3.6.4.9.1.1 IMultiPointServer\_GetVirtualMachineIpAddress\_InputMessage Message

A **WSDL message** containing the request for the **GetVirtualMachineIpAddress WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/GetVirtualMachineIpAddress
<wsdl:message name="IMultiPointServer_GetVirtualMachineIpAddress_InputMessage">
  <wsdl:part name="GetVirtualMachineIpAddress" element="tns:GetVirtualMachineIpAddress"/>
</wsdl:message>
```

##### 3.6.4.9.1.2 IMultiPointServer\_GetVirtualMachineIpAddress\_OutputMessage Message

A **WSDL message** containing the response for the **GetVirtualMachineIpAddress** **WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/GetVirtualMachineIpAddressResponse
<wsdl:message name="IMultiPointServer_GetVirtualMachineIpAddress_OutputMessage">
  <wsdl:part name="GetVirtualMachineIpAddressResponse"
    element="tns:GetVirtualMachineIpAddressResponse"/>
</wsdl:message>
```

### 3.6.4.9.1.3 IMultiPointServer\_GetVirtualMachineIpAddress\_WmsFaultType\_FaultMessage 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/RegisterChatEventSinkResponse"
    name="IMultiPointServer_RegisterChatEventSink_OutputMessage"
    message="tns:IMultiPointServer_RegisterChatEventSink_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointServer_RegisterChatEventSink_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.6.4.11.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_RegisterChatEventSink_InputMessage	This message requests that the server forward MultiPoint Chat events to the specified web service.
IMultiPointServer_RegisterChatEventSink_OutputMessage	This message contains the event sink's cookie that is used to stop receiving events.
IMultiPointServer_RegisterChatEventSink_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

##### 3.6.4.11.1.1 IMultiPointServer\_RegisterChatEventSink\_InputMessage Message

A **WSDL message** containing the request for the **RegisterChatEventSink WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/RegisterChatEventSink
<wsdl:message name="IMultiPointServer_RegisterChatEventSink_InputMessage">
  <wsdl:part name="RegisterChatEventSink" element="tns:RegisterChatEventSink"/>
</wsdl:message>
```

##### 3.6.4.11.1.2 IMultiPointServer\_RegisterChatEventSink\_OutputMessage Message

A **WSDL message** containing the response for the **RegisterChatEventSink WSDL operation**.



The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/RegisterChatEventSinkResponse
<wsdl:message name="IMultiPointServer_RegisterChatEventSink_OutputMessage">
  <wsdl:part name="RegisterChatEventSinkResponse"
    element="tns:RegisterChatEventSinkResponse"/>
</wsdl:message>
```

### 3.6.4.11.1.3 IMultiPointServer\_RegisterChatEventSink\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **RegisterChatEventSink WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointServer_RegisterChatEventSink_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.6.4.11.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<RegisterChatEventSink>	Input parameters element
<RegisterChatEventSinkResponse>	Output data element

#### 3.6.4.11.2.1 RegisterChatEventSink

```
<xsd:element name="RegisterChatEventSink" type="tns:RegisterChatEventSinkRequestBody"/>
```

#### 3.6.4.11.2.2 RegisterChatEventSinkResponse

```
<xsd:element name="RegisterChatEventSinkResponse"
  type="tns:RegisterChatEventSinkResponseBody"/>
```

### 3.6.4.11.3 Complex Types

The following table summarizes the **XML Schema** complex type definitions that are specific to this operation.

Complex type	Description
<RegisterChatEventSinkRequestBody>	XML supplying the input parameters
<RegisterChatEventSinkResponseBody>	XML supplying the output parameters

#### 3.6.4.11.3.1 RegisterChatEventSinkRequestBody

```

<xsd:complexType name="RegisterChatEventSinkRequestBody">
  <xsd:sequence>
    <xsd:element minOccurs="1" maxOccurs="1" name="bstrUriSinkEndpoint" type="xsd:string"/>
    <xsd:element minOccurs="1" maxOccurs="1" name="bstrServerName" type="xsd:string"/>
    <xsd:element minOccurs="1" maxOccurs="1" name="idSession" type="xsd:unsignedInt"/>
    <xsd:element minOccurs="1" maxOccurs="1" name="bstrTeacherName" type="xsd:string"/>
  </xsd:sequence>
</xsd:complexType>

```

**bstrUriSinkEndpoint:** Contains URI of chat event sink.

**bstrServerName:** Contains the name of the chat server.

**idSession:** Contains the ID of the remote desktop session being associated with the station.

**bstrTeacherName:** Contains the name of the chat master.

### 3.6.4.11.3.2 RegisterChatEventSinkResponseBody

```

<xsd:complexType name="RegisterChatEventSinkResponseBody">
  <xsd:sequence>
    <xsd:element minOccurs="0" maxOccurs="1" name="pullCookie" type="xsd:unsignedLong"/>
  </xsd:sequence>
</xsd:complexType>

```

**pullCookie:** Contains a unique identifier to be used to unregister at a later time.

### 3.6.4.12 RegisterCoreEventSink Operation

The **RegisterCoreEventSink** method requests that the server forward MultiPoint Core events to the supplied web service. This operation **MUST** be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```

<wsdl:operation name="RegisterCoreEventSink">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/RegisterCoreEventSink"
    name="IMultiPointServer_RegisterCoreEventSink_InputMessage"
    message="tns:IMultiPointServer_RegisterCoreEventSink_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/RegisterCoreEventSinkResponse"
    name="IMultiPointServer_RegisterCoreEventSink_OutputMessage"
    message="tns:IMultiPointServer_RegisterCoreEventSink_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointServer_RegisterCoreEventSink_WmsFaultType_FaultMessage"/>
</wsdl:operation>

```

#### 3.6.4.12.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_RegisterCoreEventSink_InputMessage	This message requests that the server forward MultiPoint Core events to the specified web service.
IMultiPointServer_RegisterCoreEventSink_OutputMessage	This message contains the event sink's cookie that is used to stop

Message	Description
	receiving events.
IMultiPointServer_RegisterCoreEventSink_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

### 3.6.4.12.1.1 IMultiPointServer\_RegisterCoreEventSink\_InputMessage Message

A **WSDL message** containing the request for the **RegisterCoreEventSink WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/RegisterCoreEventSink
<wsdl:message name="IMultiPointServer_RegisterCoreEventSink_InputMessage">
  <wsdl:part name="RegisterCoreEventSink" element="tns:RegisterCoreEventSink"/>
</wsdl:message>
```

### 3.6.4.12.1.2 IMultiPointServer\_RegisterCoreEventSink\_OutputMessage Message

A **WSDL message** containing the response for the **RegisterCoreEventSink WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/RegisterCoreEventSinkResponse
<wsdl:message name="IMultiPointServer_RegisterCoreEventSink_OutputMessage">
  <wsdl:part name="RegisterCoreEventSinkResponse"
    element="tns:RegisterCoreEventSinkResponse"/>
</wsdl:message>
```

### 3.6.4.12.1.3 IMultiPointServer\_RegisterCoreEventSink\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **RegisterCoreEventSink WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointServer_RegisterCoreEventSink_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

## 3.6.4.12.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<RegisterCoreEventSink>	Input parameters element
<RegisterCoreEventSinkResponse>	Output data element

### 3.6.4.12.2.1 RegisterCoreEventSink

```
<xsd:element name="RegisterCoreEventSink" type="tns:RegisterCoreEventSinkRequestBody"/>
```

### 3.6.4.12.2.2 RegisterCoreEventSinkResponse

```
<xsd:element name="RegisterCoreEventSinkResponse" type="tns:RegisterCoreEventSinkResponseBody"/>
```

### 3.6.4.12.3 Complex Types

The following table summarizes the **XML Schema** complex type definitions that are specific to this operation.

Complex type	Description
<RegisterCoreEventSinkRequestBody>	XML supplying the input parameters
<RegisterCoreEventSinkResponseBody>	XML supplying the output parameters

#### 3.6.4.12.3.1 RegisterCoreEventSinkRequestBody

```
<xsd:complexType name="RegisterCoreEventSinkRequestBody">
  <xsd:sequence>
    <xsd:element minOccurs="1" maxOccurs="1" name="bstrUriSinkEndpoint" type="xsd:string"/>
  </xsd:sequence>
</xsd:complexType>
```

**bstrUriSinkEndpoint:** Contains the URI of the client-provided web service that receives the events.

#### 3.6.4.12.3.2 RegisterCoreEventSinkResponseBody

```
<xsd:complexType name="RegisterCoreEventSinkResponseBody">
  <xsd:sequence>
    <xsd:element minOccurs="0" maxOccurs="1" name="pullCookie" type="xsd:unsignedLong"/>
  </xsd:sequence>
</xsd:complexType>
```

**pullCookie:** Contains a unique identifier to be used to unregister at a later time.

### 3.6.4.13 Shutdown Operation

The **Shutdown** method requests that the server operating system shut down. This operation **MUST** be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="Shutdown">
  <wsdl:input wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/Shutdown"
    name="IMultiPointServer_Shutdown_InputMessage"
    message="tns:IMultiPointServer_Shutdown_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/ShutdownResponse"
    name="IMultiPointServer_Shutdown_OutputMessage"
    message="tns:IMultiPointServer_Shutdown_OutputMessage"/>
</wsdl:operation>
```

```

    <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointServer_Shutdown_WmsFaultType_FaultMessage"/>
  </wsdl:operation>

```

### 3.6.4.13.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_Shutdown_InputMessage	This message requests that the server shut down.
IMultiPointServer_Shutdown_OutputMessage	Response message.
IMultiPointServer_Shutdown_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.6.4.13.1.1 IMultiPointServer\_Shutdown\_InputMessage Message

A **WSDL message** containing the request for the **Shutdown WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointServer/Shutdown
<wsdl:message name="IMultiPointServer_Shutdown_InputMessage">
  <wsdl:part name="Shutdown" element="tns:Shutdown"/>
</wsdl:message>

```

#### 3.6.4.13.1.2 IMultiPointServer\_Shutdown\_OutputMessage Message

A **WSDL message** containing the request for the **Shutdown WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointServer/Shutdown
<wsdl:message name="IMultiPointServer_Shutdown_OutputMessage">
  <wsdl:part name="Shutdown" element="tns:Shutdown"/>
</wsdl:message>

```

#### 3.6.4.13.1.3 IMultiPointServer\_Shutdown\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **Shutdown WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointServer_Shutdown_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>

```

### 3.6.4.13.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<Shutdown>	Input parameters element
<ShutdownResponse>	Output data element

### 3.6.4.13.2.1 Shutdown

```
<xsd:element name="Shutdown">
  <xsd:complexType/>
</xsd:element>
```

### 3.6.4.13.2.2 ShutdownResponse

```
<xsd:element name="ShutdownResponse">
  <xsd:complexType/>
</xsd:element>
```

### 3.6.4.13.3 Complex Types

None.

### 3.6.4.14 UnregisterChatEventSink Operation

The **UnregisterChatEventSink** method informs the server that the client no longer wishes to receive MultiPoint Chat events. This operation **MUST** be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="UnregisterChatEventSink">
  <wsdl:input
  wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/UnregisterChatEventSink"
  name="IMultiPointServer_UnregisterChatEventSink_InputMessage"
  message="tns:IMultiPointServer_UnregisterChatEventSink_InputMessage"/>
  <wsdl:output
  wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/UnregisterChatEventSinkResp
  onse" name="IMultiPointServer_UnregisterChatEventSink_OutputMessage"
  message="tns:IMultiPointServer_UnregisterChatEventSink_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
  message="tns:IMultiPointServer_UnregisterChatEventSink_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

### 3.6.4.14.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_UnregisterChatEventSink_InputMessage	This message informs the server that the client no longer wishes to receive MultiPoint Chat events.
IMultiPointServer_UnregisterChatEventSink_OutputMessage	Response message.

Message	Description
IMultiPointServer_UnregisterChatEventSink_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.6.4.14.1.1 IMultiPointServer\_UnregisterChatEventSink\_InputMessage Message

A **WSDL message** containing the request for the **UnregisterChatEventSink WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/UnregisterChatEventSink
<wsdl:message name="IMultiPointServer_UnregisterChatEventSink_InputMessage">
  <wsdl:part name="UnregisterChatEventSink" element="tns:UnregisterChatEventSink"/>
</wsdl:message>
```

#### 3.6.4.14.1.2 IMultiPointServer\_UnregisterChatEventSink\_OutputMessage Message

A **WSDL message** containing the response for the **UnregisterChatEventSink WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/UnregisterChatEventSinkResponse
<wsdl:message name="IMultiPointServer_UnregisterChatEventSink_OutputMessage">
  <wsdl:part name="UnregisterChatEventSinkResponse"
  element="tns:UnregisterChatEventSinkResponse"/>
</wsdl:message>
```

#### 3.6.4.14.1.3 IMultiPointServer\_UnregisterChatEventSink\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **UnregisterChatEventSink WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointServer_UnregisterChatEventSink_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

#### 3.6.4.14.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<UnregisterChatEventSink>	Input parameters element
<UnregisterChatEventSinkResponse>	Output data element

### 3.6.4.14.2.1 UnregisterChatEventSink

```
<xsd:element name="UnregisterChatEventSink">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="ullCookie" type="xsd:unsignedLong"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**ullCookie:** Contains the cookie string returned when the event sink was registered.

### 3.6.4.14.2.2 UnregisterChatEventSinkResponse

```
<xsd:element name="UnregisterChatEventSinkResponse">
  <xsd:complexType/>
</xsd:element>
```

### 3.6.4.14.3 Complex Types

None.

### 3.6.4.15 UnregisterCoreEventSink Operation

The **UnregisterCoreEventSink** method informs the server that the client no longer wishes to receive MultiPoint Core events. This operation **MUST** be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="UnregisterCoreEventSink">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/UnregisterCoreEventSink"
name="IMultiPointServer_UnregisterCoreEventSink_InputMessage"
message="tns:IMultiPointServer_UnregisterCoreEventSink_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/UnregisterCoreEventSinkResp
onse" name="IMultiPointServer_UnregisterCoreEventSink_OutputMessage"
message="tns:IMultiPointServer_UnregisterCoreEventSink_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointServer_UnregisterCoreEventSink_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.6.4.15.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_UnregisterCoreEventSink_InputMessage	This message informs the server that the client no longer wishes to receive MultiPoint core events.
IMultiPointServer_UnregisterCoreEventSink_OutputMessage	Response message.
IMultiPointServer_UnregisterCoreEventSink_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.



### 3.6.4.15.1.1 IMultiPointServer\_UnregisterCoreEventSink\_InputMessage Message

A **WSDL message** containing the request for the **UnregisterCoreEventSink WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/UnregisterCoreEventSink
<wsdl:message name="IMultiPointServer_UnregisterCoreEventSink_InputMessage">
  <wsdl:part name="UnregisterCoreEventSink" element="tns:UnregisterCoreEventSink"/>
</wsdl:message>
```

### 3.6.4.15.1.2 IMultiPointServer\_UnregisterCoreEventSink\_OutputMessage Message

A **WSDL message** containing the response for the **UnregisterCoreEventSink WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/UnregisterCoreEventSinkResponse
<wsdl:message name="IMultiPointServer_UnregisterCoreEventSink_OutputMessage">
  <wsdl:part name="UnregisterCoreEventSinkResponse"
    element="tns:UnregisterCoreEventSinkResponse"/>
</wsdl:message>
```

### 3.6.4.15.1.3 IMultiPointServer\_UnregisterCoreEventSink\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **UnregisterCoreEventSink WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointServer_UnregisterCoreEventSink_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

## 3.6.4.15.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<UnregisterCoreEventSink>	Input parameters element
<UnregisterCoreEventSinkResponse>	Output data element

### 3.6.4.15.2.1 UnregisterCoreEventSink

```
<xsd:element name="UnregisterCoreEventSink">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="ullCookie" type="xsd:unsignedLong"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**ullCookie:** Contains the cookie string returned when the event sink was registered.

### 3.6.4.15.2 UnregisterCoreEventSinkResponse

```
<xsd:element name="UnregisterCoreEventSinkResponse">  
  <xsd:complexType/>  
</xsd:element>
```

### 3.6.4.15.3 Complex Types

None.

### 3.6.4.16 CanModifyWau Operation

The **CanModifyWau** method queries the server to determine if the Automatic Update settings can be modified. [5](#) For more information on Windows Updates see [\[MSDN-WUAAPI\]](#). This operation MUST be authenticated by using Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="CanModifyWau">  
  <wsdl:input wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/CanModifyWau"  
    name="IMultiPointServer_CanModifyWau_InputMessage"  
    message="tns:IMultiPointServer_CanModifyWau_InputMessage"/>  
  <wsdl:output  
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/CanModifyWauResponse"  
    name="IMultiPointServer_CanModifyWau_OutputMessage"  
    message="tns:IMultiPointServer_CanModifyWau_OutputMessage"/>  
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"  
    message="tns:IMultiPointServer_CanModifyWau_WmsFaultType_FaultMessage"/>  
</wsdl:operation>
```

#### 3.6.4.16.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_CanModifyWau_InputMessage	This message queries the server to determine if the Windows Update settings can be modified. For more information on Automatic Updates see <a href="#">[MSDN-WUAAPI]</a> .
IMultiPointServer_CanModifyWau_OutputMessage	Message containing the server's Automatic Update read/write state.
IMultiPointServer_CanModifyWau_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

##### 3.6.4.16.1.1 IMultiPointServer\_CanModifyWau\_InputMessage Message

A **WSDL message** containing the request for the **CanModifyWau WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/CanModifyWau  
<wsdl:message name="IMultiPointServer_CanModifyWau_InputMessage">  
  <wsdl:part name="CanModifyWau" element="tns:CanModifyWau"/>  
</wsdl:message>
```

```
</wsdl:message>
```

### 3.6.4.16.1.2 IMultiPointServer\_CanModifyWau\_OutputMessage Message

A **WSDL message** containing the response for the **CanModifyWau WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/CanModifyWauResponse
<wsdl:message name="IMultiPointServer CanModifyWau OutputMessage">
  <wsdl:part name="CanModifyWauResponse" element="tns:CanModifyWauResponse"/>
</wsdl:message>
```

### 3.6.4.16.1.3 IMultiPointServer\_CanModifyWau\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **CanModifyWau WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointServer CanModifyWau WmsFaultType FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

## 3.6.4.16.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<CanModifyWau>	Input parameters element
<CanModifyWauResponse>	Output data element

### 3.6.4.16.2.1 CanModifyWau

```
<xsd:element name="CanModifyWau" nillable="true">
  <xsd:complexType/>
</xsd:element>
```

### 3.6.4.16.2.2 CanModifyWauResponse

```
<xsd:element name="CanModifyWauResponse" nillable="true">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="pfCanModifyWau" type="xsd:boolean"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**pfCanModifyWau:** Contains "true" if the Automatic Update settings can be modified, or "false" if they are read-only. For more information on Windows Updates see [\[MSDN-WUAAPI\]](#).

### 3.6.4.16.3 Complex Types

None.

### 3.6.4.17 EnableCeip Operation

The **EnableCeip** method configures the server's Windows Customer Experience Improvement Program setting. [6](#) This operation MUST be authenticated by using Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="EnableCeip">
  <wsdl:input wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/EnableCeip"
  name="IMultiPointServer_EnableCeip_InputMessage"
  message="tns:IMultiPointServer_EnableCeip_InputMessage"/>
  <wsdl:output
  wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/EnableCeipResponse"
  name="IMultiPointServer_EnableCeip_OutputMessage"
  message="tns:IMultiPointServer_EnableCeip_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
  message="tns:IMultiPointServer_EnableCeip_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.6.4.17.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_EnableCeip_InputMessage	This message configures the server's Windows Customer Experience Improvement Program setting.
IMultiPointServer_EnableCeip_OutputMessage	Response message.
IMultiPointServer_EnableCeip_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

##### 3.6.4.17.1.1 IMultiPointServer\_EnableCeip\_InputMessage Message

A **WSDL message** containing the request for the **EnableCeip WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/EnableCeip
<wsdl:message name="IMultiPointServer_EnableCeip_InputMessage">
  <wsdl:part name="EnableCeip" element="tns:EnableCeip"/>
</wsdl:message>
```

##### 3.6.4.17.1.2 IMultiPointServer\_EnableCeip\_OutputMessage Message

A **WSDL message** containing the response for the **EnableCeip WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/EnableCeipResponse
```

```
<wsdl:message name="IMultiPointServer_EnableCeip_OutputMessage">
  <wsdl:part name="EnableCeipResponse" element="tns:EnableCeipResponse"/>
</wsdl:message>
```

### 3.6.4.17.1.3 IMultiPointServer\_EnableCeip\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **EnableCeip WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointServer_EnableCeip_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.6.4.17.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<EnableCeip>	Input parameters element
<EnableCeipResponse>	Output data element

#### 3.6.4.17.2.1 EnableCeip

```
<xsd:element name="EnableCeip" nillable="true">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="fEnable" type="xsd:boolean"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**fEnable:** Contains "true" to enable Windows Customer Experience Improvement Program, or "false" to disable it.

#### 3.6.4.17.2.2 EnableCeipResponse

```
<xsd:element name="EnableCeipResponse" nillable="true">
  <xsd:complexType/>
</xsd:element>
```

### 3.6.4.17.3 Complex Types

None.

### 3.6.4.18 Enable Chat Operation

The **EnableChat** method allows the server's chat feature to be enabled or disabled. [<7>](#) This operation MUST be authenticated by using Server Management Credentials (section [3.4.1](#)).

```

<wsdl:operation name="EnableChat">
  <wsdl:input wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/EnableChat"
  name="IMultiPointServer_EnableChat_InputMessage"
  message="tns:IMultiPointServer_EnableChat_InputMessage"/>
  <wsdl:output
  wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/EnableChatResponse"
  name="IMultiPointServer_EnableChat_OutputMessage"
  message="tns:IMultiPointServer_EnableChat_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
  message="tns:IMultiPointServer_EnableChat_WmsFaultType_FaultMessage"/></wsdl:operation>

```

### 3.6.4.18.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_EnableChat_InputMessage	This message enables or disables the server's chat feature.
IMultiPointServer_EnableChat_OutputMessage	Response message.
IMultiPointServer_EnableChat_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.6.4.18.1.1 IMultiPointServer\_EnableChat\_InputMessage Message

A **WSDL message** containing the request for the **EnableChat WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointServer/EnableChat
<wsdl:message name="IMultiPointServer_EnableChat_InputMessage">
  <wsdl:part name="EnableChat" element="tns:EnableChat"/>
</wsdl:message>

```

#### 3.6.4.18.1.2 IMultiPointServer\_EnableChat\_OutputMessage Message

A **WSDL message** containing the response for the **EnableChat WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointServer/EnableChatResponse
<wsdl:message name="IMultiPointServer_EnableChat_OutputMessage">
  <wsdl:part name="EnableChatResponse" element="tns:EnableChatResponse"/>
</wsdl:message>

```

#### 3.6.4.18.1.3 IMultiPointServer\_EnableChat\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **EnableChat WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointServer_EnableChat_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>

</wsdl:message>

```

### 3.6.4.18.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<EnableChat>	Input parameters element
<EnableChatResponse>	Output data element

#### 3.6.4.18.2.1 EnableChat

```

<xsd:element name="EnableChat">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="fEnable" type="xsd:boolean" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>

```

**fEnable:** Contains "true" to enable the chat feature, or "false" to disable it.

#### 3.6.4.18.2.2 EnableChatResponse

```

<xsd:element name="EnableChatResponse">
  <xsd:complexType/>
</xsd:element>

```

### 3.6.4.18.3 Complex Types

None.

### 3.6.4.19 EnableWau Operation

The **EnableWau** method allows Automatic Updates to be configured on the server. [<8>](#) For more information on Automatic Updates, see [\[MSDN-WUAPI\]](#). This operation MUST be authenticated by using Server Control Credentials (section [3.4.1](#)).

```

<wsdl:operation name="EnableWau">
  <wsdl:input wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/EnableWau"
name="IMultiPointServer_EnableWau_InputMessage"
message="tns:IMultiPointServer_EnableWau_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/EnableWauResponse"
name="IMultiPointServer_EnableWau_OutputMessage"
message="tns:IMultiPointServer_EnableWau_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointServer_EnableWau_WmsFaultType_FaultMessage"/>

```

</wsdl:operation>

### 3.6.4.19.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_EnableWau_InputMessage	This message configures the server's Automatic Updates setting. For more information on Windows Updates see <a href="#">[MSDN-WUAAPI]</a> .
IMultiPointServer_EnableWau_OutputMessage	Response message.
IMultiPointServer_EnableWau_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.6.4.19.1.1 IMultiPointServer\_EnableWau\_InputMessage Message

A **WSDL message** containing the request for the **EnableWau WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/EnableWau
<wsdl:message name="IMultiPointServer_EnableWau_InputMessage">
  <wsdl:part name="EnableWau" element="tns:EnableWau"/>
</wsdl:message>
```

#### 3.6.4.19.1.2 IMultiPointServer\_EnableWau\_OutputMessage Message

A **WSDL message** containing the response for the **EnableWau WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/EnableWauResponse
<wsdl:message name="IMultiPointServer_EnableWau_OutputMessage">
  <wsdl:part name="EnableWauResponse" element="tns:EnableWauResponse"/>
</wsdl:message>
```

#### 3.6.4.19.1.3 IMultiPointServer\_EnableWau\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **EnableWau WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointServer_EnableWau_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.6.4.19.2 Elements



The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<EnableWau>	Input parameters element
<EnableWauResponse>	Output data element

### 3.6.4.19.2.1 EnableWau

```
<xsd:element name="EnableWau" nillable="true">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="eWauSetting" type="xsd:unsignedInt"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**eWauSetting:** Unsigned integer with the following possible values:

Value	Meaning
0	Disabled
1	Important Only
2	Recommended

### 3.6.4.19.2.2 EnableWauResponse

```
<xsd:element name="EnableWauResponse" nillable="true">
  <xsd:complexType/>
</xsd:element>
```

### 3.6.4.19.3 Complex Types

None.

### 3.6.4.20 EnableWer Operation

The **EnableWer** method allows Windows Error Reporting to be enabled or disabled on the server. [<9>](#) For more information on Windows Error Reporting see [\[MSDN-WER\]](#). This operation MUST be authenticated by using Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="EnableWer">
  <wsdl:input wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/EnableWer"
    name="IMultiPointServer_EnableWer_InputMessage"
    message="tns:IMultiPointServer_EnableWer_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/EnableWerResponse"
    name="IMultiPointServer_EnableWer_OutputMessage"
    message="tns:IMultiPointServer_EnableWer_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointServer_EnableWer_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

</wsdl:operation>

### 3.6.4.20.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_EnableWer_InputMessage	This message configures the server's Windows Error Reporting setting. For more information on Windows Error Reporting see <a href="#">[MSDN-WER]</a> .
IMultiPointServer_EnableWer_OutputMessage	Response message.
IMultiPointServer_EnableWer_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.6.4.20.1.1 IMultiPointServer\_EnableWer\_InputMessage Message

A **WSDL message** containing the request for the **EnableWer WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/EnableWer
<wsdl:message name="IMultiPointServer_EnableWer_InputMessage">
  <wsdl:part name="EnableWer" element="tns:EnableWer"/>
</wsdl:message>
```

#### 3.6.4.20.1.2 IMultiPointServer\_EnableWer\_OutputMessage Message

A **WSDL message** containing the response for the **EnableWer WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/EnableWerResponse
<wsdl:message name="IMultiPointServer_EnableWer_OutputMessage">
  <wsdl:part name="EnableWerResponse" element="tns:EnableWerResponse"/>
</wsdl:message>
```

#### 3.6.4.20.1.3 IMultiPointServer\_EnableWer\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **EnableWer WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointServer_EnableWer_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.6.4.20.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<EnableWer>	Input parameters element
<EnableWerResponse>	Output data element

#### 3.6.4.20.2.1 EnableWer

```
<xsd:element name="EnableWer" nillable="true">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="fEnable" type="xsd:boolean"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**fEnable:** Contains "true" to enable Windows Error Reporting, or "false" to disable it. For more information on Windows Error Reporting see [\[MSDN-WER\]](#).

#### 3.6.4.20.2.2 EnableWerResponse

```
<xsd:element name="EnableWerResponse" nillable="true">
  <xsd:complexType/>
</xsd:element>
```

#### 3.6.4.20.3 Complex Types

None.

#### 3.6.4.21 GetLicenseCount Operation

The **GetLicenseCount** method requests the server's current count of terminal services client access licenses. This operation **MUST** be authenticated by using either Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="GetLicenseCount">
  <wsdl:input
  wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetLicenseCount"
  name="IMultiPointServer_GetLicenseCount_InputMessage"
  message="tns:IMultiPointServer_GetLicenseCount_InputMessage"/>
  <wsdl:output
  wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetLicenseCountResponse"
  name="IMultiPointServer_GetLicenseCount_OutputMessage"
  message="tns:IMultiPointServer_GetLicenseCount_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
  message="tns:IMultiPointServer_GetLicenseCount_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.6.4.21.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_GetLicenseCount_InputMessage	This message requests the server's number of available terminal server client access licenses.
IMultiPointServer_GetLicenseCount_OutputMessage	This message contains the server's current number of available terminal server client access licenses.
IMultiPointServer_GetLicenseCount_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

### 3.6.4.21.1.1 IMultiPointServer\_GetLicenseCount\_InputMessage Message

A **WSDL message** containing the request for the **GetLicenseCount WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/GetLicenseCount
<wsdl:message name="IMultiPointServer_GetLicenseCount_InputMessage">
  <wsdl:part name="GetLicenseCount" element="tns:GetLicenseCount"/>
</wsdl:message>
```

### 3.6.4.21.1.2 IMultiPointServer\_GetLicenseCount\_OutputMessage Message

A **WSDL message** containing the response for the **GetLicenseCount WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/GetLicenseCountResponse
<wsdl:message name="IMultiPointServer_GetLicenseCount_OutputMessage">
  <wsdl:part name="GetLicenseCountResponse" element="tns:GetLicenseCountResponse"/>
</wsdl:message>
```

### 3.6.4.21.1.3 IMultiPointServer\_GetLicenseCount\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **GetLicenseCount WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointServer_GetLicenseCount_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.6.4.21.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<GetLicenseCount>	Input parameters element
<GetLicenseCountResponse>	Output data element

### 3.6.4.21.2.1 GetLicenseCount

```
<xsd:element name="GetLicenseCount">
  <xsd:complexType/>
</xsd:element>
```

### 3.6.4.21.2.2 GetLicenseCountResponse

```
<xsd:element name="GetLicenseCountResponse">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="pcLicenses" type="xsd:unsignedInt"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**pcLicenses:** Contains the number of terminal server client access licenses available.

### 3.6.4.21.3 Complex Types

None.

### 3.6.4.22 GetManagedSystemsType Operation

The **GetManagedSystemsType** method requests the server's system type. A server can be either a MultiPoint Server or a Personal Computer. This operation **MUST** be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="GetManagedSystemsType">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetManagedSystemsType"
    name="IMultiPointServer_GetManagedSystemsType_InputMessage"
    message="tns:IMultiPointServer_GetManagedSystemsType_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetManagedSystemsTypeResponse"
    name="IMultiPointServer_GetManagedSystemsType_OutputMessage"
    message="tns:IMultiPointServer_GetManagedSystemsType_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointServer_GetManagedSystemsType_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.6.4.22.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_GetManagedSystemsType_InputMessage	This message requests the server's system type.
IMultiPointServer_GetManagedSystemsType_OutputMessage	This message contains the server's system type.
IMultiPointServer_GetManagedSystemsType_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

### 3.6.4.22.1.1 IMultiPointServer\_GetManagedSystemsType\_InputMessage Message

A **WSDL message** containing the request for the **GetManagedSystemsType WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/GetManagedSystemsType
<wsdl:message name="IMultiPointServer_GetManagedSystemsType_InputMessage">
  <wsdl:part name="GetManagedSystemsType" element="tns:GetManagedSystemsType"/>
</wsdl:message>
```

### 3.6.4.22.1.2 IMultiPointServer\_GetManagedSystemsType\_OutputMessage Message

A **WSDL message** containing the response for the **GetManagedSystemsType WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/GetManagedSystemsTypeResponse
<wsdl:message name="IMultiPointServer_GetManagedSystemsType_OutputMessage">
  <wsdl:part name="GetManagedSystemsTypeResponse"
element="tns:GetManagedSystemsTypeResponse"/>
</wsdl:message>
```

### 3.6.4.22.1.3 IMultiPointServer\_GetManagedSystemsType\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **GetManagedSystemsType WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointServer_GetManagedSystemsType_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

## 3.6.4.22.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<GetManagedSystemsType>	Input parameters element
<GetManagedSystemsTypeResponse>	Output data element

### 3.6.4.22.2.1 GetManagedSystemsType

```
<xsd:element name="GetManagedSystemsType">
  <xsd:complexType/>
</xsd:element>
```

### 3.6.4.22.2 GetManagedSystemsTypeResponse

```
<xsd:element name="GetManagedSystemsTypeResponse">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="pEWmsRemoteManagementHostType"
type="xsd:unsignedInt"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**pEWmsRemoteManagementHostType:** Contains an unsigned integer with the following possible values: 2 = MultiPoint Server, or 3 = Personal Computer.

### 3.6.4.22.3 Complex Types

None.

### 3.6.4.23 GetNetJoinStatus Operation

The **GetNetJoinStatus** method requests information about the server's current domain/workgroup membership. This operation **MUST** be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="GetNetJoinStatus">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetNetJoinStatus"
name="IMultiPointServer_GetNetJoinStatus_InputMessage"
message="tns:IMultiPointServer_GetNetJoinStatus_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetNetJoinStatusResponse"
name="IMultiPointServer_GetNetJoinStatus_OutputMessage"
message="tns:IMultiPointServer_GetNetJoinStatus_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointServer_GetNetJoinStatus_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.6.4.23.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_GetNetJoinStatus_InputMessage	This message requests the server's current network domain membership.
IMultiPointServer_GetNetJoinStatus_OutputMessage	This message contains the server's current network domain membership.
IMultiPointServer_GetNetJoinStatus_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.6.4.23.1.1 IMultiPointServer\_GetNetJoinStatus\_InputMessage Message

A **WSDL message** containing the request for the **GetNetJoinStatus WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/GetNetJoinStatus
<wsdl:message name="IMultiPointServer_GetNetJoinStatus_InputMessage">
  <wsdl:part name="GetNetJoinStatus" element="tns:GetNetJoinStatus"/>
</wsdl:message>
```

### 3.6.4.23.1.2 IMultiPointServer\_GetNetJoinStatus\_OutputMessage Message

A **WSDL message** containing the response for the **GetNetJoinStatus WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/GetNetJoinStatusResponse
<wsdl:message name="IMultiPointServer_GetNetJoinStatus_OutputMessage">
  <wsdl:part name="GetNetJoinStatusResponse" element="tns:GetNetJoinStatusResponse"/>
</wsdl:message>
```

### 3.6.4.23.1.3 IMultiPointServer\_GetNetJoinStatus\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **GetNetJoinStatus WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointServer_GetNetJoinStatus_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

## 3.6.4.23.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<GetNetJoinStatus>	Input parameters element
<GetNetJoinStatusResponse>	Output data element

### 3.6.4.23.2.1 GetNetJoinStatus

```
<xsd:element name="GetNetJoinStatus" type="q1:GetNetJoinStatusRequestBody"/>
```

### 3.6.4.23.2.2 GetNetJoinStatusResponse

```
<xsd:element name="GetNetJoinStatusResponse" type="tns:GetNetJoinStatusResponseBody"/>
```

## 3.6.4.23.3 Complex Types

The following table summarizes the **XML Schema** complex type definitions that are specific to this operation.



Complex type	Description
<GetNetJoinStatusRequestBody>	XML supplying the input parameters
<GetNetJoinStatusResponseBody>	XML supplying the output parameters

### 3.6.4.23.3.1 GetNetJoinStatusRequestBody

```
<xsd:complexType name="GetNetJoinStatusRequestBody"/>
```

### 3.6.4.23.3.2 GetNetJoinStatusResponseBody

```
<xsd:complexType name="GetNetJoinStatusResponseBody">
  <xsd:sequence>
    <xsd:element minOccurs="1" maxOccurs="1" name="peNetJoinStatus" type="xsd:unsignedInt"/>
    <xsd:element minOccurs="1" maxOccurs="1" name="pwsDomainName" type="xsd:string"/>
  </xsd:sequence>
</xsd:complexType>
```

**peNetJoinStatus:** Contains an unsigned integer with the following possible values:

Value	Meaning
0	Unknown
1	Unjoined
2	Workgroup
3	Domain

**pwsDomainName:** The domain name or workgroup name of the domain or workgroup the server is a member of.

### 3.6.4.24 GetReplacementSslCertificate Operation

The **GetReplacementSslCertificate** operation is used to request the server identification certificate, which is used to secure communication with the server. [<10>](#) This operation MUST be authenticated by using Server Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="GetReplacementSslCertificate">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetReplacementSslCertificate" name="IMultiPointServer_GetReplacementSslCertificate_InputMessage" message="tns:IMultiPointServer_GetReplacementSslCertificate_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetReplacementSslCertificateResponse" name="IMultiPointServer_GetReplacementSslCertificate_OutputMessage"
message="tns:IMultiPointServer_GetReplacementSslCertificate_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointServer_GetReplacementSslCertificate_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.6.4.24.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_GetReplacementSslCertificate_InputMessage	This message requests the server's certificate.
IMultiPointServer_GetReplacementSslCertificate_OutputMessage	This message returns the server's certificate.
IMultiPointServer_GetReplacementSslCertificate_WmsFaultType_FaultMessage	This message contains the internal server failure status code, if one occurs.

### 3.6.4.24.1.1 IMultiPointServer\_GetReplacementSslCertificate\_InputMessage Message

A **WSDL message** containing the request for the **GetReplacementSslCertificate WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/GetReplacementSslCertificate
<wsdl:message name="IMultiPointServer_GetReplacementSslCertificate_InputMessage">
  <wsdl:part name="GetReplacementSslCertificate" element="tns:GetReplacementSslCertificate"/>
</wsdl:message>
```

### 3.6.4.24.1.2 IMultiPointServer\_GetReplacementSslCertificate\_OutputMessage Message

A **WSDL message** containing the response for the **GetReplacementSslCertificate WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/GetReplacementSslCertificateResponse
<wsdl:message name="IMultiPointServer_GetReplacementSslCertificate_OutputMessage">
  <wsdl:part name="GetReplacementSslCertificate" element="tns:GetReplacementSslCertificate"/>
</wsdl:message>
```

### 3.6.4.24.1.3 IMultiPointServer\_GetReplacementSslCertificate\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **GetReplacementSslCertificate WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message
name="IMultiPointServer_GetReplacementSslCertificate_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

## 3.6.4.24.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<GetReplacementSslCertificate>	An input parameter element
<GetReplacementSslCertificateResponse>	An output data element

### 3.6.4.24.2.1 GetReplacementSslCertificate

```
<xsd:element name="GetReplacementSslCertificate">
  <xsd:complexType/>
</xsd:element>
```

### 3.6.4.24.2.2 GetReplacementSslCertificateResponse

```
<xsd:element name="GetReplacementSslCertificateResponse">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="ppSslCertificate"
type="tns:ArrayOfBytes" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**ppSslCertificate:** Contains the server's binary **X.509** certificate. Clients MUST verify that the subject name of the certificate matches the host name of the server. Clients MUST also verify that the certificate's **enhanced key usage (EKU)** supports only **Server Authentication**.

### 3.6.4.24.3 Complex Types

None.

### 3.6.4.25 GetVirtualMachineHostname Operation

The **GetVirtualMachineHostname** method returns the host name of the machine running the server when it is running in a virtual machine. This operation MUST be authenticated by using Server Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="GetVirtualMachineHostname">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetVirtualMachineHostname"
name="IMultiPointServer_GetVirtualMachineHostname_InputMessage"
message="tns:IMultiPointServer_GetVirtualMachineHostname_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetVirtualMachineHostnameRe
sponse" name="IMultiPointServer_GetVirtualMachineHostname_OutputMessage"
message="tns:IMultiPointServer_GetVirtualMachineHostname_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointServer_GetVirtualMachineHostname_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

### 3.6.4.25.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_GetVirtualMachineHostname_InputMessage	This message requests the host name of the virtual machine's host.
IMultiPointServer_GetVirtualMachineHostname_OutputMessage	Response message.
IMultiPointServer_GetVirtualMachineHostname_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

### 3.6.4.25.1.1 IMultiPointServer\_GetVirtualMachineHostname\_InputMessage Message

A **WSDL message** containing the request for the **GetVirtualMachineHostname WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/GetVirtualMachineHostname
<wsdl:message name="IMultiPointServer_GetVirtualMachineHostname_InputMessage">
  <wsdl:part name="GetVirtualMachineHostname" element="tns:GetVirtualMachineHostname"/>
</wsdl:message>
```

### 3.6.4.25.1.2 IMultiPointServer\_GetVirtualMachineHostname\_OutputMessage Message

A **WSDL message** containing the response for the **GetVirtualMachineHostname WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/GetVirtualMachineHostnameResponse
<wsdl:message name="IMultiPointServer_GetVirtualMachineHostname_OutputMessage">
  <wsdl:part name="GetVirtualMachineHostnameResponse"
  element="tns:GetVirtualMachineHostnameResponse"/>
</wsdl:message>
```

### 3.6.4.25.1.3 IMultiPointServer\_GetVirtualMachineHostname\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **GetVirtualMachineHostname WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointServer_GetVirtualMachineHostname_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.6.4.25.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<GetVirtualMachineHostname>	Input parameters element

Element	Description
<GetVirtualMachineHostnameResponse>	Output data element

### 3.6.4.25.2.1 GetVirtualMachineHostname

```
<xsd:element name="GetVirtualMachineHostname"
type="q1:GetVirtualMachineHostnameRequestBody"/>
```

### 3.6.4.25.2.2 GetVirtualMachineHostnameResponse

```
<xsd:element name="GetVirtualMachineHostnameResponse"
type="tns:GetVirtualMachineHostnameResponseBody"/>
```

### 3.6.4.25.3 Complex Types

The following table summarizes the **XML Schema** complex type definitions that are specific to this operation.

Complex Type	Description
<GetVirtualMachineHostnameRequestBody>	XML supplying the input parameters
<GetVirtualMachineHostnameResponseBody>	XML supplying the output parameters

#### 3.6.4.25.3.1 GetVirtualMachineHostnameRequestBody

```
<xsd:complexType name="GetVirtualMachineHostnameRequestBody"/>
```

#### 3.6.4.25.3.2 GetVirtualMachineHostnameResponseBody

```
<xsd:complexType name="GetVirtualMachineHostnameResponseBody">
  <xsd:sequence>
    <xsd:element minOccurs="1" maxOccurs="1" name="pwsVirtualMachineHostname"
type="xsd:string"/>
  </xsd:sequence>
</xsd:complexType>
```

**pwsVirtualMachineHostname:** Contains the host name of the virtual machine.

### 3.6.4.26 GetWmsWebLimiting Operation

The **GetWmsWebLimiting** method requests that the server return the current web limiting configuration. This operation **MUST** be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="GetWmsWebLimiting">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetWmsWebLimiting"
name="IMultiPointServer_GetWmsWebLimiting_InputMessage"
message="tns:IMultiPointServer_GetWmsWebLimiting_InputMessage"/>
```

```

    <wsdl:output
      wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetWmsWebLimitingResponse"
      name="IMultiPointServer_GetWmsWebLimiting_OutputMessage"
      message="tns:IMultiPointServer_GetWmsWebLimiting_OutputMessage"/>
    <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
      message="tns:IMultiPointServer_GetWmsWebLimiting_WmsFaultType_FaultMessage"/>
  </wsdl:operation>

```

### 3.6.4.26.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_GetWmsWebLimiting_InputMessage	This message requests the current web limiting configuration.
IMultiPointServer_GetWmsWebLimiting_OutputMessage	This message contains the current web limiting configuration.
IMultiPointServer_GetWmsWebLimiting_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.6.4.26.1.1 IMultiPointServer\_GetWmsWebLimiting\_InputMessage Message

A **WSDL message** containing the request for the **GetWmsWebLimiting WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointServer/GetWmsWebLimiting
<wsdl:message name="IMultiPointServer_GetWmsWebLimiting_InputMessage">
  <wsdl:part name="GetWmsWebLimiting" element="tns:GetWmsWebLimiting"/>
</wsdl:message>

```

#### 3.6.4.26.1.2 IMultiPointServer\_GetWmsWebLimiting\_OutputMessage Message

A **WSDL message** containing the response for the **GetWmsWebLimiting WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointServer/GetWmsWebLimitingResponse
<wsdl:message name="IMultiPointServer_GetWmsWebLimiting_OutputMessage">
  <wsdl:part name="GetWmsWebLimitingResponse" element="tns:GetWmsWebLimitingResponse"/>
</wsdl:message>

```

#### 3.6.4.26.1.3 IMultiPointServer\_GetWmsWebLimiting\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **GetWmsWebLimiting WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointServer_GetWmsWebLimiting_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>

```

```
</wsdl:message>
```

### 3.6.4.26.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<GetWmsWebLimiting>	Input parameters element
<GetWmsWebLimitingResponse>	Output data element

#### 3.6.4.26.2.1 GetWmsWebLimiting

```
<xsd:element name="GetWmsWebLimiting" type="q1:GetWmsWebLimitingRequestBody"/>
```

#### 3.6.4.26.2.2 GetWmsWebLimitingResponse

```
<xsd:element name="GetWmsWebLimitingResponse" type="tns:GetWmsWebLimitingResponseBody"/>
```

### 3.6.4.26.3 Complex Types

The following table summarizes the **XML Schema** complex type definitions that are specific to this operation.

Complex type	Description
<GetWmsWebLimitingRequestBody>	XML supplying the input parameters
<GetWmsWebLimitingResponseBody>	XML supplying the output parameters

#### 3.6.4.26.3.1 GetWmsWebLimitingRequestBody

```
<xsd:complexType name="GetWmsWebLimitingRequestBody"/>
```

#### 3.6.4.26.3.2 GetWmsWebLimitingResponseBody

```
<xsd:complexType name="GetWmsWebLimitingResponseBody">  
  <xsd:sequence>  
    <xsd:element minOccurs="1" maxOccurs="1" name="pfIsInLimiting" type="xsd:boolean"/>  
    <xsd:element minOccurs="1" maxOccurs="1" name="pfIsAllowList" type="xsd:boolean"/>  
    <xsd:element minOccurs="1" maxOccurs="1" name="pwsAllowList" type="xsd:string"/>  
    <xsd:element minOccurs="1" maxOccurs="1" name="pwsBlockList" type="xsd:string"/>  
  </xsd:sequence>  
</xsd:complexType>
```

**pfIsInLimiting:** Contains "true" if web limiting is enabled.

**pfIsAllowList:** Contains "true" if white list is enabled.

**pwsAllowList:** Contains a list of allowed web sites.

**pwsBlockList:** Contains a list of blocked web sites.

### 3.6.4.27 IsAdminOrchestrationMode Operation

The **IsAdminOrchestrationMode** method queries the server to determine if orchestration, monitoring, and management of user sessions are currently enabled for administrator users. <11> This operation MUST be authenticated by using either the Server Management Credentials or the Server Control Credentials (section 3.4.1).

```
<wsdl:operation name="IsAdminOrchestrationMode">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/IsAdminOrchestrationMode"
    name="IMultiPointServer_IsAdminOrchestrationMode_InputMessage"
    message="tns:IMultiPointServer_IsAdminOrchestrationMode_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/IsAdminOrchestrationModeRes
    ponse" name="IMultiPointServer_IsAdminOrchestrationMode_OutputMessage"
    message="tns:IMultiPointServer_IsAdminOrchestrationMode_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointServer_IsAdminOrchestrationMode_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.6.4.27.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_IsAdminOrchestrationMode_InputMessage	This message requests the server's current admin orchestration mode configuration.
IMultiPointServer_IsAdminOrchestrationMode_OutputMessage	This message contains the server's current admin orchestration mode configuration.
IMultiPointServer_IsAdminOrchestrationMode_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

##### 3.6.4.27.1.1 IMultiPointServer\_IsAdminOrchestrationMode\_InputMessage

A **WSDL message** containing the request for the **IsAdminOrchestrationMode WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/IsAdminOrchestrationMode

<wsdl:message name="IMultiPointServer_IsAdminOrchestrationMode_InputMessage">
  <wsdl:part name="IsAdminOrchestrationMode" element="tns:IsAdminOrchestrationMode"/>
</wsdl:message>
```

##### 3.6.4.27.1.2 IMultiPointServer\_IsAdminOrchestrationMode\_OutputMessage



A **WSDL message** containing the response for the **IsAdminOrchestrationMode WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/IsAdminOrchestrationModeResponse
<wsdl:message name="IMultiPointServer_IsAdminOrchestrationMode_OutputMessage">
  <wsdl:part name="IsAdminOrchestrationMode" element="tns:IsAdminOrchestrationModeResponse"/>
</wsdl:message>
```

### 3.6.4.27.1.3 IMultiPointServer\_IsAdminOrchestrationMode\_WmsFaultType\_FaultMessage

A **WSDL message** containing a fault for the **IsAdminOrchestrationMode WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointServer_IsAdminOrchestrationMode_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.6.4.27.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<IsAdminOrchestrationMode>	Input parameters element
<IsAdminOrchestrationModeResponse>	Output data element

#### 3.6.4.27.2.1 IsAdminOrchestrationMode

```
<xsd:element name="IsAdminOrchestrationMode" type="tns:IsAdminOrchestrationModeRequestBody"/>
```

#### 3.6.4.27.2.2 IsAdminOrchestrationModeResponse

```
<xsd:element name="IsAdminOrchestrationModeResponse"
type="ql:IsAdminOrchestrationModeResponseBody"/>
```

### 3.6.4.27.3 Complex Types

The following table summarizes the **XML Schema** complex type definitions that are specific to this operation.

Complex type	Description
<IsAdminOrchestrationModeRequestBody>	XML supplying the input parameters
<IsAdminOrchestrationModeResponseBody>	XML supplying the output parameters

### 3.6.4.27.3.1 IsAdminOrchestrationModeRequestBody

```
<xsd:complexType name="IsAdminOrchestrationModeRequestBody" />
```

### 3.6.4.27.3.2 IsAdminOrchestrationModeResponseBody

```
<xsd:complexType name="IsAdminOrchestrationModeResponseBody">
  <xsd:sequence>
    <xsd:element minOccurs="1" maxOccurs="1" name="pfAdminOrchestrationMode"
      type="xsd:boolean" />
  </xsd:sequence>
</xsd:complexType>
```

**pfAdminOrchestrationMode:** Contains "true", if administrator users can be monitored and managed.

### 3.6.4.28 IsBootToConsoleMode Operation

The **IsBootToConsoleMode** method queries the server for its current boot-to-console mode configuration. This operation MUST be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="IsBootToConsoleMode">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/IsBootToConsoleMode"
    name="IMultiPointServer_IsBootToConsoleMode_InputMessage"
    message="tns:IMultiPointServer_IsBootToConsoleMode_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/IsBootToConsoleModeResponse"
    name="IMultiPointServer_IsBootToConsoleMode_OutputMessage"
    message="tns:IMultiPointServer_IsBootToConsoleMode_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointServer_IsBootToConsoleMode_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.6.4.28.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_IsBootToConsoleMode_InputMessage	This message requests the server's current boot-to-console mode configuration.
IMultiPointServer_IsBootToConsoleMode_OutputMessage	This message contains the server's current boot-to-console mode configuration.
IMultiPointServer_IsBootToConsoleMode_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.6.4.28.1.1 IMultiPointServer\_IsBootToConsoleMode\_InputMessage Message

A **WSDL message** containing the request for the **IsBootToConsoleMode WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/IsBootToConsoleMode
<wsdl:message name="IMultiPointServer_IsBootToConsoleMode_InputMessage">
  <wsdl:part name="IsBootToConsoleMode" element="tns:IsBootToConsoleMode"/>
</wsdl:message>
```

### 3.6.4.28.1.2 IMultiPointServer\_IsBootToConsoleMode\_OutputMessage Message

A **WSDL message** containing the response for the **IsBootToConsoleMode WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/IsBootToConsoleModeResponse
<wsdl:message name="IMultiPointServer_IsBootToConsoleMode_OutputMessage">
  <wsdl:part name="IsBootToConsoleModeResponse" element="tns:IsBootToConsoleModeResponse"/>
</wsdl:message>
```

### 3.6.4.28.1.3 IMultiPointServer\_IsBootToConsoleMode\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **IsBootToConsoleMode WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointServer_IsBootToConsoleMode_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

## 3.6.4.28.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<IsBootToConsoleMode>	Input parameters element
<IsBootToConsoleModeResponse>	Output data element

### 3.6.4.28.2.1 IsBootToConsoleMode

```
<xsd:element name="IsBootToConsoleMode">
  <xsd:complexType/>
</xsd:element>
```

### 3.6.4.28.2.2 IsBootToConsoleModeResponse

```
<xsd:element name="IsBootToConsoleModeResponse">
  <xsd:complexType>
    <xsd:sequence>
```

```

        <xsd:element minOccurs="1" maxOccurs="1" name="pfBootToConsoleMode"
type="xsd:boolean"/>
    </xsd:sequence>
</xsd:complexType>
</xsd:element>

```

**pfBootToConsoleMode:** Contains "true" if boot-to-console mode is enabled, or "false" if multi-station mode is enabled.

### 3.6.4.28.3 Complex Types

None.

### 3.6.4.29 IsCeipEnabled Operation

The **IsCeipEnabled** method queries the server's current Windows Customer Experience Improvement Program configuration. [<12>](#) This operation MUST be authenticated by using Server Control Credentials (section [3.4.1](#)).

```

<wsdl:operation name="IsCeipEnabled">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/IsCeipEnabled"
name="IMultiPointServer_IsCeipEnabled_InputMessage"
message="tns:IMultiPointServer_IsCeipEnabled_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/IsCeipEnabledResponse"
name="IMultiPointServer_IsCeipEnabled_OutputMessage"
message="tns:IMultiPointServer_IsCeipEnabled_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointServer_IsCeipEnabled_WmsFaultType_FaultMessage"/>
</wsdl:operation>

```

#### 3.6.4.29.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_IsCeipEnabled_InputMessage	This message requests the server's current Windows Customer Experience Improvement Program configuration.
IMultiPointServer_IsCeipEnabled_OutputMessage	This message contains the server's current Windows Customer Experience Improvement Program configuration.
IMultiPointServer_IsCeipEnabled_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

##### 3.6.4.29.1.1 IMultiPointServer\_IsCeipEnabled\_InputMessage Message

A **WSDL message** containing the request for the **IsCeipEnabled WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointServer/IsCeipEnabled
<wsdl:message name="IMultiPointServer_IsCeipEnabled_InputMessage">
  <wsdl:part name="IsCeipEnabled" element="tns:IsCeipEnabled"/>
</wsdl:message>

```

### 3.6.4.29.1.2 IMultiPointServer\_IsCeipEnabled\_OutputMessage Message

A **WSDL message** containing the response for the **IsCeipEnabled WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointServer/IsCeipEnabledResponse
<wsdl:message name="IMultiPointServer_IsCeipEnabled_OutputMessage">
  <wsdl:part name="IsCeipEnabledResponse" element="tns:IsCeipEnabledResponse"/>
</wsdl:message>

```

### 3.6.4.29.1.3 IMultiPointServer\_IsCeipEnabled\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **IsCeipEnabled WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointServer_IsCeipEnabled_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>

```

## 3.6.4.29.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<IsCeipEnabled>	Input parameters element
<IsCeipEnabledResponse>	Output data element

### 3.6.4.29.2.1 IsCeipEnabled

```

<xsd:element name="IsCeipEnabled" nillable="true">
  <xsd:complexType/>
</xsd:element>

```

### 3.6.4.29.2.2 IsCeipEnabledResponse

```

<xsd:element name="IsCeipEnabledResponse" nillable="true">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="pfEnabled" type="xsd:boolean"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>

```

**pfEnabled:** Contains "true" if the Windows Customer Experience Improvement Program is enabled, or "false" if it is disabled.

### 3.6.4.29.3 Complex Types

None.

### 3.6.4.30 IsChatEnabled Operation

The **IsChatEnabled** method queries the server's current chat feature configuration. <13> This operation MUST be authenticated by using either the Server Management Credentials or the Server Control Credentials (section 3.4.1).

```
<wsdl:operation name="IsChatEnabled">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/IsChatEnabled"
    name="IMultiPointServer_IsChatEnabled_InputMessage"
    message="tns:IMultiPointServer_IsChatEnabled_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/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>

```

#### 3.6.4.33.1.3 IMultiPointServer\_IsSingleSessionPerUser\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **IsSingleSessionPerUser WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointServer_IsSingleSessionPerUser_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.6.4.33.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<IsSingleSessionPerUser>	Input parameters element
<IsSingleSessionPerUserResponse>	Output data element

#### 3.6.4.33.2.1 IsSingleSessionPerUser

```
<xsd:element name="IsSingleSessionPerUser">
  <xsd:complexType/>
</xsd:element>
```

#### 3.6.4.33.2.2 IsSingleSessionPerUserResponse

```
<xsd:element name="IsSingleSessionPerUserResponse">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="pfSingleSessionPerUser"
type="xsd:boolean"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**pfSingleSessionPerUser:** Contains "true" if each user can have only a single session, or "false" if users can have multiple sessions.

### 3.6.4.33.3 Complex Types

None.

### 3.6.4.34 IsSuppressPrivacyNotificationSet Operation

The **IsSuppressPrivacyNotificationSet** method requests the server's current privacy notice configuration. It can be currently suppressed or enabled. This operation **MUST** be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="IsSuppressPrivacyNotificationSet">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/IsSuppressPrivacyNotificati
onSet" name="IMultiPointServer_IsSuppressPrivacyNotificationSet_InputMessage"
message="tns:IMultiPointServer_IsSuppressPrivacyNotificationSet_InputMessage"/>
```

```

    <wsdl:output
      wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/IsSuppressPrivacyNotificationSetResponse" name="IMultiPointServer_IsSuppressPrivacyNotificationSet_OutputMessage"
      message="tns:IMultiPointServer_IsSuppressPrivacyNotificationSet_OutputMessage"/>
    <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
      message="tns:IMultiPointServer_IsSuppressPrivacyNotificationSet_WmsFaultType_FaultMessage"/>
  </wsdl:operation>

```

### 3.6.4.34.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_IsSuppressPrivacyNotificationSet_InputMessage	This message requests the server's current privacy notice configuration state.
IMultiPointServer_IsSuppressPrivacyNotificationSet_OutputMessage	This message contains the server's current privacy notice configuration state.
IMultiPointServer_IsSuppressPrivacyNotificationSet_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.6.4.34.1.1 IMultiPointServer\_IsSuppressPrivacyNotificationSet\_InputMessage Message

A **WSDL message** containing the request for the **IsSuppressPrivacyNotificationSet WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointServer/IsSuppressPrivacyNotificationSet
<wsdl:message name="IMultiPointServer_IsSuppressPrivacyNotificationSet_InputMessage">
  <wsdl:part name="IsSuppressPrivacyNotificationSet"
    element="tns:IsSuppressPrivacyNotificationSet"/>
</wsdl:message>

```

#### 3.6.4.34.1.2 IMultiPointServer\_IsSuppressPrivacyNotificationSet\_OutputMessage Message

A **WSDL message** containing the response for **IsSuppressPrivacyNotificationSet WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointServer/IsSuppressPrivacyNotificationSetResponse
<wsdl:message name="IMultiPointServer_IsSuppressPrivacyNotificationSet_OutputMessage">
  <wsdl:part name="IsSuppressPrivacyNotificationSetResponse"
    element="tns:IsSuppressPrivacyNotificationSetResponse"/>
</wsdl:message>

```

### 3.6.4.34.1.3 IMultiPointServer\_IsSuppressPrivacyNotificationSet\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **IsSuppressPrivacyNotificationSet WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message
  name="IMultiPointServer_IsSuppressPrivacyNotificationSet_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.6.4.34.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<IsSuppressPrivacyNotificationSet>	Input parameters element
<IsSuppressPrivacyNotificationSetResponse>	Output data element

#### 3.6.4.34.2.1 IsSuppressPrivacyNotificationSet

```
<xsd:element name="IsSuppressPrivacyNotificationSet">
  <xsd:complexType/>
</xsd:element>
```

#### 3.6.4.34.2.2 IsSuppressPrivacyNotificationSetResponse

```
<xsd:element name="IsSuppressPrivacyNotificationSetResponse">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="pfSuppressPrivacyNotificationSet"
        type="xsd:boolean"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**pfSuppressPrivacyNotificationSet:** Contains "true" if the privacy notice is currently set to disabled, or "false" if it is currently enabled.

### 3.6.4.34.3 Complex Types

None.

### 3.6.4.35 IsVirtualIpPerSessionEnabled Operation

The **IsVirtualIpPerSessionEnabled** method requests the server's current virtual IP per session configuration. This operation **MUST** be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="IsVirtualIpPerSessionEnabled">
```

```

    <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/IsVirtualIpPerSessionEnabled"
name="IMultiPointServer_IsVirtualIpPerSessionEnabled_InputMessage"
message="tns:IMultiPointServer_IsVirtualIpPerSessionEnabled_InputMessage"/>
    <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/IsVirtualIpPerSessionEnabledResponse"
name="IMultiPointServer_IsVirtualIpPerSessionEnabled_OutputMessage"
message="tns:IMultiPointServer_IsVirtualIpPerSessionEnabled_OutputMessage"/>
    <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointServer_IsVirtualIpPerSessionEnabled_WmsFaultType_FaultMessage"/>
</wsdl:operation>

```

### 3.6.4.35.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_IsVirtualIpPerSessionEnabled_InputMessage	This message requests the state of the server's virtual IP per session configuration.
IMultiPointServer_IsVirtualIpPerSessionEnabled_OutputMessage	This message contains the current virtual IP per session configuration.
IMultiPointServer_IsVirtualIpPerSessionEnabled_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.6.4.35.1.1 IMultiPointServer\_IsVirtualIpPerSessionEnabled\_InputMessage Message

A **WSDL message** containing the request for the **IsVirtualIpPerSessionEnabled WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointServer/IsVirtualIpPerSessionEnabled
<wsdl:message name="IMultiPointServer_IsVirtualIpPerSessionEnabled_InputMessage">
  <wsdl:part name="IsVirtualIpPerSessionEnabled" element="tns:IsVirtualIpPerSessionEnabled"/>
</wsdl:message>

```

#### 3.6.4.35.1.2 IMultiPointServer\_IsVirtualIpPerSessionEnabled\_OutputMessage Message

A **WSDL message** containing the response for the **IsVirtualIpPerSessionEnabled WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointServer/IsVirtualIpPerSessionEnabledResponse
<wsdl:message name="IMultiPointServer_IsVirtualIpPerSessionEnabled_OutputMessage">
  <wsdl:part name="IsVirtualIpPerSessionEnabledResponse"
element="tns:IsVirtualIpPerSessionEnabledResponse"/>
</wsdl:message>

```



### 3.6.4.35.1.3 IMultiPointServer\_IsVirtualIpPerSessionEnabled\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **IsVirtualIpPerSessionEnabled WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message
  name="IMultiPointServer_IsVirtualIpPerSessionEnabled_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.6.4.35.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<IsVirtualIpPerSessionEnabled>	Input parameters element
<IsVirtualIpPerSessionEnabledResponse>	Output data element

#### 3.6.4.35.2.1 IsVirtualIpPerSessionEnabled

```
<xsd:element name="IsVirtualIpPerSessionEnabled">
  <xsd:complexType/>
</xsd:element>
```

#### 3.6.4.35.2.2 IsVirtualIpPerSessionEnabledResponse

```
<xsd:element name="IsVirtualIpPerSessionEnabledResponse">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="pfEnabled" type="xsd:boolean"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**pfEnabled:** Contains "true" if a unique IP address is being used for each session, or "false" if all sessions are sharing the server's IP address.

### 3.6.4.35.3 Complex Types

None.

### 3.6.4.36 IsWauEnabled Operation

The **IsWauEnabled** method queries the type of Windows Updates allowed on the server. [<14>](#) For more information on Windows Updates, see [\[MSDN-WUA-API\]](#). This operation MUST be authenticated by using Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="IsWauEnabled">
```

```

    <wsdl:input wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/IsWauEnabled"
name="IMultiPointServer_IsWauEnabled_InputMessage"
message="tns:IMultiPointServer_IsWauEnabled_InputMessage"/>
    <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/IsWauEnabledResponse"
name="IMultiPointServer_IsWauEnabled_OutputMessage"
message="tns:IMultiPointServer_IsWauEnabled_OutputMessage"/>
    <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointServer_IsWauEnabled_WmsFaultType_FaultMessage"/>
</wsdl:operation>

```

### 3.6.4.36.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_IsWauEnabled_InputMessage	This message requests the state of Windows Updates on the server. For more information on Windows Updates see <a href="#">[MSDN-WUAAPI]</a> .
IMultiPointServer_IsWauEnabled_OutputMessage	This message contains the state of Windows Updates on the server.
IMultiPointServer_IsWauEnabled_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.6.4.36.1.1 IMultiPointServer\_IsWauEnabled\_InputMessage Message

A **WSDL message** containing the request for the **IsWauEnabled WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointServer/IsWauEnabled
<wsdl:message name="IMultiPointServer_IsWauEnabled_InputMessage">
  <wsdl:part name="IsWauEnabled" element="tns:IsWauEnabled"/>
</wsdl:message>

```

#### 3.6.4.36.1.2 IMultiPointServer\_IsWauEnabled\_OutputMessage Message

A **WSDL message** containing the response for the **IsWauEnabled WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointServer/IsWauEnabledResponse
<wsdl:message name="IMultiPointServer_IsWauEnabled_OutputMessage">
  <wsdl:part name="IsWauEnabledResponse" element="tns:IsWauEnabledResponse"/>
</wsdl:message>

```

#### 3.6.4.36.1.3 IMultiPointServer\_IsWauEnabled\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **IsWauEnabled WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointServer_IsWauEnabled_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>

```

### 3.6.4.36.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<IsWauEnabled>	Input parameters element
<IsWauEnabledResponse>	Output data element

#### 3.6.4.36.2.1 IsWauEnabled

```

<xsd:element name="IsWauEnabled" nillable="true">
  <xsd:complexType/>
</xsd:element>

```

#### 3.6.4.36.2.2 IsWauEnabledResponse

```

<xsd:element name="IsWauEnabledResponse" nillable="true">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="peWauSetting" type="xsd:unsignedInt"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>

```

**peWauSetting:** Contains an unsigned integer with the following possible values:

Value	Meaning
0	Disabled
1	Important Only
2	Recommended

### 3.6.4.36.3 Complex Types

None.

### 3.6.4.37 IsWerEnabled Operation

The **IsWerEnabled** method returns the enable state of Windows Error Reporting on the server. [<15>](#) For more information on Windows Error Reporting, see [\[MSDN-WER\]](#). This operation MUST be authenticated by using Server Control Credentials (section [3.4.1](#)).

```

<wsdl:operation name="IsWerEnabled">

```

```

    <wsdl:input wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/IsWerEnabled"
    name="IMultiPointServer_IsWerEnabled_InputMessage"
    message="tns:IMultiPointServer_IsWerEnabled_InputMessage"/>
    <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/IsWerEnabledResponse"
    name="IMultiPointServer_IsWerEnabled_OutputMessage"
    message="tns:IMultiPointServer_IsWerEnabled_OutputMessage"/>
    <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointServer_IsWerEnabled_WmsFaultType_FaultMessage"/>
</wsdl:operation>

```

### 3.6.4.37.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_IsWerEnabled_InputMessage	This message requests the enable state of Windows Error Reporting on the server. For more information on Windows Error Reporting see <a href="#">[MSDN-WER]</a> .
IMultiPointServer_IsWerEnabled_OutputMessage	This message contains the enable state of Windows Error Reporting on the server.
IMultiPointServer_IsWerEnabled_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.6.4.37.1.1 IMultiPointServer\_IsWerEnabled\_InputMessage Message

A **WSDL message** containing the request for the **IsWerEnabled WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointServer/IsWerEnabled
<wsdl:message name="IMultiPointServer_IsWerEnabled_InputMessage">
  <wsdl:part name="IsWerEnabled" element="tns:IsWerEnabled"/>
</wsdl:message>

```

#### 3.6.4.37.1.2 IMultiPointServer\_IsWerEnabled\_OutputMessage Message

A **WSDL message** containing the response for the **IsWerEnabled WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointServer/IsWerEnabledResponse
<wsdl:message name="IMultiPointServer_IsWerEnabled_OutputMessage">
  <wsdl:part name="IsWerEnabledResponse" element="tns:IsWerEnabledResponse"/>
</wsdl:message>

```

#### 3.6.4.37.1.3 IMultiPointServer\_IsWerEnabled\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **IsWerEnabled WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointServer_IsWerEnabled_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>

```

### 3.6.4.37.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<IsWerEnabled>	Input parameters element
<IsWerEnabledResponse>	Output data element

#### 3.6.4.37.2.1 IsWerEnabled

```

<xsd:element name="IsWerEnabled" nillable="true">
  <xsd:complexType/>
</xsd:element>

```

#### 3.6.4.37.2.2 IsWerEnabledResponse

```

<xsd:element name="IsWerEnabledResponse" nillable="true">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="pfEnabled" type="xsd:boolean"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>

```

**pfEnabled:** Contains "true" if Windows Error Reporting is enabled, or "false" if it is disabled. For more information on Windows Error Reporting see [\[MSDN-WER\]](#).

### 3.6.4.37.3 Complex Types

None.

### 3.6.4.38 LoadWindowsEdition Operation

The **LoadWindowsEdition** method requests the server's operating system edition name. This operation **MUST** be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```

<wsdl:operation name="LoadWindowsEdition">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/LoadWindowsEdition"
name="IMultiPointServer_LoadWindowsEdition_InputMessage"
message="tns:IMultiPointServer_LoadWindowsEdition_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/LoadWindowsEditionResponse"
name="IMultiPointServer_LoadWindowsEdition_OutputMessage"
message="tns:IMultiPointServer_LoadWindowsEdition_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointServer_LoadWindowsEdition_WmsFaultType_FaultMessage"/>

```

```
</wsdl:operation>
```

### 3.6.4.38.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_LoadWindowsEdition_InputMessage	This message requests the server's operating system edition name.
IMultiPointServer_LoadWindowsEdition_OutputMessage	This message contains the operating system edition name.
IMultiPointServer_LoadWindowsEdition_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.6.4.38.1.1 IMultiPointServer\_LoadWindowsEdition\_InputMessage Message

A **WSDL message** containing the request for the **LoadWindowsEdition WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/LoadWindowsEdition
<wsdl:message name="IMultiPointServer_LoadWindowsEdition_InputMessage">
  <wsdl:part name="LoadWindowsEdition" element="tns:LoadWindowsEdition"/>
</wsdl:message>
```

#### 3.6.4.38.1.2 IMultiPointServer\_LoadWindowsEdition\_OutputMessage Message

A **WSDL message** containing the response for the **LoadWindowsEdition WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/LoadWindowsEditionResponse
<wsdl:message name="IMultiPointServer_LoadWindowsEdition_OutputMessage">
  <wsdl:part name="LoadWindowsEditionResponse" element="tns:LoadWindowsEditionResponse"/>
</wsdl:message>
```

#### 3.6.4.38.1.3 IMultiPointServer\_LoadWindowsEdition\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **LoadWindowsEdition WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointServer_LoadWindowsEdition_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.6.4.38.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<LoadWindowsEdition>	Input parameters element
<LoadWindowsEditionResponse>	Output data element

### 3.6.4.38.2.1 LoadWindowsEdition

```
<xsd:element name="LoadWindowsEdition" type="q1:LoadWindowsEditionRequestBody"/>
```

### 3.6.4.38.2.2 LoadWindowsEditionResponse

```
<xsd:element name="LoadWindowsEditionResponse" type="tns:LoadWindowsEditionResponseBody"/>
```

### 3.6.4.38.3 Complex Types

The following table summarizes the **XML Schema** complex type definitions that are specific to this operation.

Complex type	Description
<LoadWindowsEditionRequestBody>	XML supplying the input parameters
<LoadWindowsEditionResponseBody>	XML supplying the output parameters

#### 3.6.4.38.3.1 LoadWindowsEditionRequestBody

```
<xsd:complexType name="LoadWindowsEditionRequestBody"/>
```

#### 3.6.4.38.3.2 LoadWindowsEditionResponseBody

```
<xsd:complexType name="LoadWindowsEditionResponseBody">
  <xsd:sequence>
    <xsd:element minOccurs="1" maxOccurs="1" name="pwsWindowsEdition" type="xsd:string"/>
  </xsd:sequence>
</xsd:complexType>
```

**pwsWindowsEdition:** Contains the edition name of the server operating system.

### 3.6.4.39 OnboardVirtualDesktop Operation

The **OnboardVirtualDesktop** method requests that the server bind the client to the specified virtual machine hosted by the server so that the client can manage the virtual machine. [<16>](#) This operation MUST be authenticated by using Server Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="OnboardVirtualDesktop">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/OnboardVirtualDesktop"
```

```

name="IMultiPointServer_OnboardVirtualDesktop_InputMessage"
message="tns:IMultiPointServer_OnboardVirtualDesktop_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/OnboardVirtualDesktopRespon
se" name="IMultiPointServer_OnboardVirtualDesktop_OutputMessage"
message="tns:IMultiPointServer_OnboardVirtualDesktop_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointServer_OnboardVirtualDesktop_WmsFaultType_FaultMessage"/>
</wsdl:operation>

```

### 3.6.4.39.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_OnboardVirtualDesktop_InputMessage	This message requests that the server bind the client to the specified guest virtual machine hosted by the server.
IMultiPointServer_OnboardVirtualDesktop_OutputMessage	This message contains the virtual machine's binding information.
IMultiPointServer_OnboardVirtualDesktop_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.6.4.39.1.1 IMultiPointServer\_OnboardVirtualDesktop\_InputMessage Message

A **WSDL message** containing the request for the **OnboardVirtualDesktop WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointServer/OnboardVirtualDesktop
<wsdl:message name="IMultiPointServer_OnboardVirtualDesktop_InputMessage">
  <wsdl:part name="OnboardVirtualDesktop" element="tns:OnboardVirtualDesktop"/>
</wsdl:message>

```

#### 3.6.4.39.1.2 IMultiPointServer\_OnboardVirtualDesktop\_OutputMessage Message

A **WSDL message** containing the response for the **OnboardVirtualDesktop WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointServer/OnboardVirtualDesktopResponse
<wsdl:message name="IMultiPointServer_OnboardVirtualDesktop_OutputMessage">
  <wsdl:part name="OnboardVirtualDesktopResponse" element="tns:
OnboardVirtualDesktopResponse"/>
</wsdl:message>

```

#### 3.6.4.39.1.3 IMultiPointServer\_OnboardVirtualDesktop\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **OnboardVirtualDesktop WSDL operation**.



The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointServer_OnboardVirtualDesktop_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.6.4.39.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<OnboardVirtualDesktop>	Input parameters element
<OnboardVirtualDesktopResponse>	Output data element

#### 3.6.4.39.2.1 OnboardVirtualDesktop

```
<xsd:element name="OnboardVirtualDesktop" type="q1:OnboardVirtualDesktop_RequestBody"/>
```

#### 3.6.4.39.2.2 OnboardVirtualDesktopResponse

```
<xsd:element name="OnboardVirtualDesktopResponse"
type="tns:OnboardVirtualDesktopResponseBody"/>
```

### 3.6.4.39.3 Complex Types

The following table summarizes the **XML Schema** complex type definitions that are specific to this operation.

Complex type	Description
<OnboardVirtualDesktopRequestBody>	XML supplying the input parameters
<OnboardVirtualDesktopResponseBody>	XML supplying the output parameters

#### 3.6.4.39.3.1 OnboardVirtualDesktopRequestBody

```
<xsd:complexType name="OnboardVirtualDesktopRequestBody">
  <xsd:sequence>
    <xsd:element minOccurs="1" maxOccurs="1" name="wsVirtualMachineId" type="xsd:string" />
    <xsd:element minOccurs="1" maxOccurs="1" name="wsRemoteFqdn" type="xsd:string" />
  </xsd:sequence>
</xsd:complexType>
```

**wsVirtualMachineId:** Contains the virtual machine ID of the virtual machine to be onboarded.

**wsRemoteFqdn:** Contains the **fully qualified domain name (FQDN)** of the computer requesting to be onboarded (client).

### 3.6.4.39.3.2 OnboardVirtualDesktopResponseBody

```
<xsd:complexType name="OnboardVirtualDesktopResponseBody">
  <xsd:sequence>
    <xsd:element minOccurs="1" maxOccurs="1" name="pSslPort" type="xsd:unsignedInt" />
    <xsd:element minOccurs="1" maxOccurs="1" name="pwsSslCertificateThumbprint"
type="xsd:string" />
    <xsd:element minOccurs="1" maxOccurs="1" name="ppSslCertificate" type="tns:ArrayOfBytes"
/>
    <xsd:element minOccurs="1" maxOccurs="1" name="pwsWmsControlPassword" type="xsd:string"
/>
    <xsd:element minOccurs="1" maxOccurs="1" name="pwsWmsManagementPassword"
type="xsd:string" />
  </xsd:sequence>
</xsd:complexType>
```

**pSslPort:** Contains the port number that the virtual machine listens on for secure requests.

**pwsSslCertificateThumbprint:** Contains the virtual machine's certificate **thumbprint**.

**ppSslCertificate:** Contains the virtual machine's binary **X.509** certificate. Clients MUST verify that the subject name of the certificate matches the host name of the virtual machine. Clients MUST also verify that the certificate's **enhanced key usage (EKU)** supports only **Server Authentication**.

**pwsWmsControlPassword:** A string containing the **WmsControl password** for the virtual machine.

**pwsWmsManagementPassword:** A string containing the **WmsManagement password** for the virtual machine.

### 3.6.4.40 SetAdminOrchestrationMode Operation

The **SetAdminOrchestrationMode** method requests that the server change its configuration regarding administrator sessions and whether they can be monitored and managed. [<17>](#) This operation MUST be authenticated by using Server Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="SetAdminOrchestrationMode">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/SetAdminOrchestrationMode"
name="IMultiPointServer_SetAdminOrchestrationMode_InputMessage"
message="tns:IMultiPointServer_SetAdminOrchestrationMode_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/SetAdminOrchestrationModeRe
sponse" name="IMultiPointServer_SetAdminOrchestrationMode_OutputMessage"
message="tns:IMultiPointServer_SetAdminOrchestrationMode_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointServer_SetAdminOrchestrationMode_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.6.4.40.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_SetAdminOrchestrationMode_InputMessage	This message requests that the server update its configuration.
IMultiPointServer_SetAdminOrchestrationMode_OutputMessage	Response message.

Message	Description
IMultiPointServer_SetAdminOrchestrationMode_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

### 3.6.4.40.1.1 IMultiPointServer\_SetAdminOrchestrationMode\_InputMessage

A **WSDL message** containing the request for the **SetAdminOrchestrationMode WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/SetAdminOrchestrationMode
<wsdl:message name="IMultiPointServer_SetAdminOrchestrationMode_InputMessage">
  <wsdl:part name="SetAdminOrchestrationMode" element="tns:SetAdminOrchestrationMode"/>
</wsdl:message>
```

### 3.6.4.40.1.2 IMultiPointServer\_SetAdminOrchestrationMode\_OutputMessage

A **WSDL message** containing the response for the **SetAdminOrchestrationMode WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/SetAdminOrchestrationModeResponse
<wsdl:message name="IMultiPointServer_SetAdminOrchestrationMode_OutputMessage">
  <wsdl:part name="SetAdminOrchestrationMode"
element="tns:SetAdminOrchestrationModeResponse"/>
</wsdl:message>
```

### 3.6.4.40.1.3 IMultiPointServer\_SetAdminOrchestrationMode\_WmsFaultType\_FaultMessage

A **WSDL message** containing a fault for the **SetAdminOrchestrationMode WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message
name="IMultiPointServer_SetAdminOrchestrationMode_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

## 3.6.4.40.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<SetAdminOrchestrationMode>	Input parameters element
<SetAdminOrchestrationModeResponse>	Output data element

### 3.6.4.40.2.1 SetAdminOrchestrationMode

```
<xsd:element name="SetAdminOrchestrationMode"  
type="tns:SetAdminOrchestrationModeRequestBody"/>
```

### 3.6.4.40.2.2 SetAdminOrchestrationModeResponse

```
<xsd:element name="SetAdminOrchestrationModeResponse"  
type="q1:SetAdminOrchestrationModeResponseBody"/>
```

### 3.6.4.40.3 Complex Types

The following table summarizes the **XML Schema** complex type definitions that are specific to this operation.

Element	Description
<SetAdminOrchestrationModeRequestBody>	XML supplying the input parameters
<SetAdminOrchestrationModeResponseBody>	XML supplying the output parameters

#### 3.6.4.40.3.1 SetAdminOrchestrationModeRequestBody

```
<xsd:complexType name="SetAdminOrchestrationModeRequestBody">  
  <xsd:sequence>  
    <xsd:element minOccurs="1" maxOccurs="1" name="fEnable" type="xsd:boolean" />  
  </xsd:sequence>  
</xsd:complexType>
```

**fEnable:** Contains "true" if administrator users can be monitored and managed.

#### 3.6.4.40.3.2 SetAdminOrchestrationModeResponseBody

```
<xsd:complexType name="SetAdminOrchestrationModeResponseBody" />
```

### 3.6.4.41 SetBlockAllMessage Operation

The **SetBlockAllMessage** method requests that the server display a specific message when all the stations are blocked. This operation **MUST** be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="SetBlockAllMessage">  
  <wsdl:input>  
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/SetBlockAllMessage"  
    name="IMultiPointServer_SetBlockAllMessage_InputMessage"  
    message="tns:IMultiPointServer_SetBlockAllMessage_InputMessage"/>  
  <wsdl:output>  
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/SetBlockAllMessageResponse"  
    name="IMultiPointServer_SetBlockAllMessage_OutputMessage"  
    message="tns:IMultiPointServer_SetBlockAllMessage_OutputMessage"/>  
    <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"  
    message="tns:IMultiPointServer_SetBlockAllMessage_WmsFaultType_FaultMessage"/>  
  </wsdl:output>  
</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.
IMultiPointServer_SetBootToConsoleMode_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

### 3.6.4.42.1.1 IMultiPointServer\_SetBootToConsoleMode\_InputMessage Message

A **WSDL message** containing the request for the **SetBootToConsoleMode WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/SetBootToConsoleMode
<wsdl:message name="IMultiPointServer_SetBootToConsoleMode_InputMessage">
  <wsdl:part name="SetBootToConsoleMode" element="tns:SetBootToConsoleMode"/>
</wsdl:message>
```

### 3.6.4.42.1.2 IMultiPointServer\_SetBootToConsoleMode\_OutputMessage Message

A **WSDL message** containing the response for the **SetBootToConsoleMode WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/SetBootToConsoleModeResponse
<wsdl:message name="IMultiPointServer_SetBootToConsoleMode_OutputMessage">
  <wsdl:part name="SetBootToConsoleModeResponse" element="tns:SetBootToConsoleModeResponse"/>
</wsdl:message>
```

### 3.6.4.42.1.3 IMultiPointServer\_SetBootToConsoleMode\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **SetBootToConsoleMode WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointServer_SetBootToConsoleMode_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.6.4.42.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<SetBootToConsoleMode>	Input parameters element

Element	Description
<SetBootToConsoleModeResponse>	Output data element

### 3.6.4.42.2.1 SetBootToConsoleMode

```
<xsd:element name="SetBootToConsoleMode">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="fEnable" type="xsd:boolean"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**fEnable:** Contains "true" to enable boot-to-console mode, or "false" to enable boot-to-multistation mode.

### 3.6.4.42.2.2 SetBootToConsoleModeResponse

```
<xsd:element name="SetBootToConsoleModeResponse">
  <xsd:complexType/>
</xsd:element>
```

### 3.6.4.42.3 Complex Types

None.

### 3.6.4.43 SetReplacementSslCertificate Operation

The **SetReplacementSslCertificate** method allows the client to update the server with a newly generated **X.509** certificate when the current certificate is near its expiration. [<18>](#) The server **MUST** add this certificate to its **Trusted Root Certification Authorities store**. This operation **MUST** be authenticated by using Server Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="SetReplacementSslCertificate">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/SetReplacementSslCertificate"
    name="IMultiPointServer_SetReplacementSslCertificate_InputMessage"
    message="tns:IMultiPointServer_SetReplacementSslCertificate_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/SetReplacementSslCertificateResponse"
    name="IMultiPointServer_SetReplacementSslCertificate_OutputMessage"
    message="tns:IMultiPointServer_SetReplacementSslCertificate_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointServer_SetReplacementSslCertificate_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

### 3.6.4.43.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_SetReplacementSslCertificate_InputMessage	This message requests the server to add the supplied



Message	Description
	certificate to its <b>Trusted Root Certification Authorities store</b> .
IMultiPointServer_SetReplacementSslCertificate_OutputMessage	Response message.
IMultiPointServer_SetReplacementSslCertificate_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

### 3.6.4.43.1.1 IMultiPointServer\_SetReplacementSslCertificate\_InputMessage Message

A **WSDL message** containing the request for the **SetReplacementSslCertificate WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/SetReplacementSslCertificate
<wsdl:message name="IMultiPointServer_SetReplacementSslCertificate_InputMessage">
  <wsdl:part name="SetReplacementSslCertificate" element="tns:SetReplacementSslCertificate"/>
</wsdl:message>
```

### 3.6.4.43.1.2 IMultiPointServer\_SetReplacementSslCertificate\_OutputMessage Message

A **WSDL message** containing the response for the **SetReplacementSslCertificate WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/SetReplacementSslCertificateResponse
<wsdl:message name="IMultiPointServer_SetReplacementSslCertificate_OutputMessage">
  <wsdl:part name="SetReplacementSslCertificate" element="tns:SetReplacementSslCertificate"/>
</wsdl:message>
```

### 3.6.4.43.1.3 IMultiPointServer\_SetReplacementSslCertificate\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **SetReplacementSslCertificate WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message
name="IMultiPointServer_SetReplacementSslCertificate_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

## 3.6.4.43.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<SetReplacementSslCertificate>	Input parameters element
<SetReplacementSslResponse>	Output data element

### 3.6.4.43.2.1 SetReplacementSslCertificate

```
<xsd:element name="SetReplacementSslCertificate">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="wsFqdnManagingServer" type="xsd:string"
      />
      <xsd:element minOccurs="1" maxOccurs="1" name="pSslCertificate" type="tns:ArrayOfBytes"
      />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**wsFqdnManagingServer:** Contains the host name of the client.

**pSslCertificate:** Contains the client's **X.509** certificate used for **SSL**. The certificate's subject name **MUST** match the client's host name. Servers **MUST** verify that the subject name of the certificate matches the host name of the client. Servers **MUST** also verify that the certificate's **enhanced key usage (EKU)** supports only **Server Authentication**.

### 3.6.4.43.2.2 SetReplacementSslCertificateResponse

```
<xsd:element name="SetReplacementSslCertificateResponse">
  <xsd:complexType/>
</xsd:element>
```

### 3.6.4.43.3 Complex Types

None.

### 3.6.4.44 SetSuppressPrivacyNotification Operation

The **SetSuppressPrivacyNotification** method allows the configuration of the display of a privacy notice to each user the first time they log on to the server. "Enabled" means "do not show the privacy notice". This operation **MUST** be authenticated by using Server Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="SetSuppressPrivacyNotification">
  <wsdl:input
  wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/SetSuppressPrivacyNotificat
  ion" name="IMultiPointServer_SetSuppressPrivacyNotification_InputMessage"
  message="tns:IMultiPointServer_SetSuppressPrivacyNotification_InputMessage"/>
  <wsdl:output
  wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/SetSuppressPrivacyNotificat
  ionResponse" name="IMultiPointServer_SetSuppressPrivacyNotification_OutputMessage"
  message="tns:IMultiPointServer_SetSuppressPrivacyNotification_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
  message="tns:IMultiPointServer_SetSuppressPrivacyNotification_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

### 3.6.4.44.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_SetSuppressPrivacyNotification_InputMessage	This message requests the Privacy Notice suppression state to be set.
IMultiPointServer_SetSuppressPrivacyNotification_OutputMessage	Response message.
IMultiPointServer_SetSuppressPrivacyNotification_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.6.4.44.1.1 IMultiPointServer\_SetSuppressPrivacyNotification\_InputMessage Message

A **WSDL message** containing the request for the **SetSuppressPrivacyNotification WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/SetSuppressPrivacyNotification
<wsdl:message name="IMultiPointServer_SetSuppressPrivacyNotification_InputMessage">
  <wsdl:part name="SetSuppressPrivacyNotification"
  element="tns:SetSuppressPrivacyNotification"/>
</wsdl:message>
```

#### 3.6.4.44.1.2 IMultiPointServer\_SetSuppressPrivacyNotification\_OutputMessage Message

A **WSDL message** containing the response for the **SetSuppressPrivacyNotification WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/SetSuppressPrivacyNotificationResponse
<wsdl:message name="IMultiPointServer_SetSuppressPrivacyNotification_OutputMessage">
  <wsdl:part name="SetSuppressPrivacyNotificationResponse"
  element="tns:SetSuppressPrivacyNotificationResponse"/>
</wsdl:message>
```

#### 3.6.4.44.1.3 IMultiPointServer\_SetSuppressPrivacyNotification\_WmsFaultType\_Fault Message Message

A **WSDL message** containing a fault for the **SetSuppressPrivacyNotification WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message
  name="IMultiPointServer_SetSuppressPrivacyNotification_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

```
</wsdl:message>
```

### 3.6.4.44.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<SetSuppressPrivacyNotification>	Input parameters element
<SetSuppressPrivacyNotificationResponse>	Output data element

#### 3.6.4.44.2.1 SetSuppressPrivacyNotification

```
<xsd:element name="SetSuppressPrivacyNotification">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="fEnable" type="xsd:boolean"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**fEnable:** Contains "true" to suppress the privacy notice, or "false" to enable the privacy notice.

#### 3.6.4.44.2.2 SetSuppressPrivacyNotificationResponse

```
<xsd:element name="SetSuppressPrivacyNotificationResponse">
  <xsd:complexType/>
</xsd:element>
```

### 3.6.4.44.3 Complex Types

None.

### 3.6.4.45 SetUseHardwareGpu Operation

The **SetUseHardwareGpu** method requests that the server enable/disable the use of the hardware **GPU** for rendering. [<19>](#) This operation MUST be authenticated by using Server Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="SetUseHardwareGpu">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/SetUseHardwareGpu"
name="IMultiPointServer SetUseHardwareGpu InputMessage"
message="tns:IMultiPointServer_SetUseHardwareGpu_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/SetUseHardwareGpuResponse"
name="IMultiPointServer SetUseHardwareGpu OutputMessage"
message="tns:IMultiPointServer_SetUseHardwareGpu_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointServer_SetUseHardwareGpu_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.6.4.45.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_SetUseHardwareGpu_InputMessage	This message requests that the server update its usage of the hardware <b>GPU</b> .
IMultiPointServer_SetUseHardwareGpu_OutputMessage	Output message.
IMultiPointServer_SetUseHardwareGpu_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

### 3.6.4.45.1.1 IMultiPointServer\_SetUseHardwareGpu\_InputMessage

A **WSDL messages** containing the request for the **SetUseHardwareGpu WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/SetUseHardwareGpu
<wsdl:message name="IMultiPointServer_SetUseHardwareGpu_InputMessage">
  <wsdl:part name="SetUseHardwareGpu" element="tns:SetUseHardwareGpu"/>
</wsdl:message>
```

### 3.6.4.45.1.2 IMultiPointServer\_SetUseHardwareGpu\_OutputMessage

A **WSDL message** containing the response for the **SetUseHardwareGpu WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/SetUseHardwareGpuResponse
<wsdl:message name="IMultiPointServer_SetUseHardwareGpu_OutputMessage">
  <wsdl:part name="SetUseHardwareGpu" element="tns:SetUseHardwareGpuResponse"/>
</wsdl:message>
```

### 3.6.4.45.1.3 IMultiPointServer\_SetUseHardwareGpu\_WmsFaultType\_FaultMessage

A **WSDL message** containing a fault for the **SetUseHardwareGpu WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointServer_SetUseHardwareGpu_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

## 3.6.4.45.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<SetUseHardwareGpu>	Input parameters element

Element	Description
<SetUseHardwareGpuResponse>	Output data element

### 3.6.4.45.2.1 SetUseHardwareGpu

```
<xsd:element name="SetUseHardwareGpu" type="tns:SetUseHardwareGpuRequestBody"/>
```

### 3.6.4.45.2.2 SetUseHardwareGpuResponse

```
<xsd:element name="SetUseHardwareGpuResponse" type="q1:SetUseHardwareGpuResponseBody"/>
```

### 3.6.4.45.3 Complex Types

The following table summarizes the **XML Schema** complex type definitions that are specific to this operation.

Element	Description
<SetUseHardwareGpuRequestBody>	XML supplying the input parameters
<SetUseHardwareGpuResponseBody>	XML supplying the output parameters

#### 3.6.4.45.3.1 SetUseHardwareGpuRequestBody

```
<xsd:complexType name="SetUseHardwareGpuRequestBody">
  <xsd:sequence>
    <xsd:element minOccurs="1" maxOccurs="1" name="fUseHardwareGpu" type="xsd:boolean" />
  </xsd:sequence>
</xsd:complexType>
```

**fUseHardwareGpu**: Contains "true" if the hardware **GPU** is to be used.

#### 3.6.4.45.3.2 SetUseHardwareGpuResponseBody

```
<xsd:complexType name="SetUseHardwareGpuResponseBody" />
```

### 3.6.4.46 ValidateAutoLogonAccount Operation

The **ValidateAutoLogonAccount** method has the server validate the supplied user credentials and return whether they are valid, invalid, or valid for an admin account. This operation **MUST** be authenticated by using Server Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="ValidateAutoLogonAccount">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/ValidateAutoLogonAccount"
    name="IMultiPointServer_ValidateAutoLogonAccount_InputMessage"
    message="tns:IMultiPointServer_ValidateAutoLogonAccount_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/ValidateAutoLogonAccountRes
    ponse" name="IMultiPointServer_ValidateAutoLogonAccount_OutputMessage"
    message="tns:IMultiPointServer_ValidateAutoLogonAccount_OutputMessage"/>
```

```

    <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointServer_ValidateAutoLogonAccount_WmsFaultType_FaultMessage"/>
  </wsdl:operation>

```

### 3.6.4.46.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_ValidateAutoLogonAccount_InputMessage	This message requests validation of the credentials of a user.
IMultiPointServer_ValidateAutoLogonAccount_OutputMessage	This message contains the result of the validation.
IMultiPointServer_ValidateAutoLogonAccount_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.6.4.46.1.1 IMultiPointServer\_ValidateAutoLogonAccount\_InputMessage Message

A **WSDL message** containing the request for the **ValidateAutoLogonAccount WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointServer/ValidateAutoLogonAccount
<wsdl:message name="IMultiPointServer_ValidateAutoLogonAccount_InputMessage">
  <wsdl:part name="ValidateAutoLogonAccount" element="tns:ValidateAutoLogonAccount"/>
</wsdl:message>

```

#### 3.6.4.46.1.2 IMultiPointServer\_ValidateAutoLogonAccount\_OutputMessage Message

A **WSDL message** containing the response for the **ValidateAutoLogonAccount WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointServer/ValidateAutoLogonAccountResponse
<wsdl:message name="IMultiPointServer_ValidateAutoLogonAccount_OutputMessage">
  <wsdl:part name="ValidateAutoLogonAccountResponse"
  element="tns:ValidateAutoLogonAccountResponse"/>
</wsdl:message>

```

#### 3.6.4.46.1.3 IMultiPointServer\_ValidateAutoLogonAccount\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **ValidateAutoLogonAccount WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointServer_ValidateAutoLogonAccount_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>

```

### 3.6.4.46.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<ValidateAutoLogonAccount>	Input parameters element
<ValidateAutoLogonAccountResponse>	Output data element

#### 3.6.4.46.2.1 ValidateAutoLogonAccount

```
<xsd:element name="ValidateAutoLogonAccount" type="tns:ValidateAutoLogonAccountRequestBody"/>
```

#### 3.6.4.46.2.2 ValidateAutoLogonAccountResponse

```
<xsd:element name="ValidateAutoLogonAccountResponse" type="tns:ValidateAutoLogonAccountResponseBody"/>
```

### 3.6.4.46.3 Complex Types

The following table summarizes the **XML Schema** complex type definitions that are specific to this operation.

Complex type	Description
<ValidateAutoLogonAccountRequestBody>	XML supplying the input parameters
<ValidateAutoLogonAccountResponseBody>	XML supplying the output parameters

#### 3.6.4.46.3.1 ValidateAutoLogonAccountRequestBody

```
<xsd:complexType name="ValidateAutoLogonAccountRequestBody">
  <xsd:sequence>
    <xsd:element minOccurs="1" maxOccurs="1" name="wsDomain" type="xsd:string"/>
    <xsd:element minOccurs="1" maxOccurs="1" name="wsUserName" type="xsd:string"/>
    <xsd:element minOccurs="1" maxOccurs="1" name="wsPassword" type="xsd:string"/>
  </xsd:sequence>
</xsd:complexType>
```

**wsDomain:** Contains the user domain name.

**wsUserName:** Contains the user account name.

**wsPassword:** Contains the user password.

#### 3.6.4.46.3.2 ValidateAutoLogonAccountResponseBody

```
<xsd:complexType name="ValidateAutoLogonAccountResponseBody">
  <xsd:sequence>
    <xsd:element minOccurs="1" maxOccurs="1" name="eAccountStatus" type="xsd:unsignedInt"/>
  </xsd:sequence>
</xsd:complexType>
```



</xsd:complexType>

**eAccountStatus:** Contains an unsigned integer with the following possible values:

Value	Meaning
0	ALAS_Valid
1	ALAS_NotValid
2	ALAS_admin

### 3.6.4.47 EnableVirtualIpPerSession Operation

The **EnableVirtualIpPerSession** method allows the enabling/disabling of the use of a virtual IP address per session. If enabled, each session hosted by the server has a unique IP address; if disabled, each session shares the server's IP address. This operation **MUST** be authenticated by using Server Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="EnableVirtualIpPerSession">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/EnableVirtualIpPerSession"
name="IMultiPointServer_EnableVirtualIpPerSession_InputMessage"
message="tns:IMultiPointServer_EnableVirtualIpPerSession_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/EnableVirtualIpPerSessionRe
sponse" name="IMultiPointServer_EnableVirtualIpPerSession_OutputMessage"
message="tns:IMultiPointServer_EnableVirtualIpPerSession_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointServer_EnableVirtualIpPerSession_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.6.4.47.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_EnableVirtualIpPerSession_InputMessage	This message configures the virtual IP address per session setting.
IMultiPointServer_EnableVirtualIpPerSession_OutputMessage	Request response.
IMultiPointServer_EnableVirtualIpPerSession_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

##### 3.6.4.47.1.1 IMultiPointServer\_EnableVirtualIpPerSession\_InputMessage Message

A **WSDL message** containing the request for the **EnableVirtualIpPerSession WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointServer/EnableVirtualIpPerSession
<wsdl:message name="IMultiPointServer_EnableVirtualIpPerSession_InputMessage">
  <wsdl:part name="EnableVirtualIpPerSession" element="tns:EnableVirtualIpPerSession"/>
</wsdl:message>

```

### 3.6.4.47.1.2 IMultiPointServer\_EnableVirtualIpPerSession\_OutputMessage Message

A **WSDL message** containing the response for the **EnableVirtualIpPerSession WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointServer/EnableVirtualIpPerSessionResponse
<wsdl:message name="IMultiPointServer_EnableVirtualIpPerSession_OutputMessage">
  <wsdl:part name="EnableVirtualIpPerSessionResponse"
  element="tns:EnableVirtualIpPerSessionResponse"/>
</wsdl:message>

```

### 3.6.4.47.1.3 IMultiPointServer\_EnableVirtualIpPerSession\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **EnableVirtualIpPerSession WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointServer_EnableVirtualIpPerSession_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>

```

## 3.6.4.47.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<EnableVirtualIpPerSession>	Input parameters element
<EnableVirtualIpPerSessionResponse>	Output data element

### 3.6.4.47.2.1 EnableVirtualIpPerSession

```

<xsd:element name="EnableVirtualIpPerSession">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="fEnable" type="xsd:boolean"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>

```

**fEnable:** Contains "true" to enable a unique IP address per session, or "false" to share the server's IP address across all sessions.

### 3.6.4.47.2.2 EnableVirtualIpPerSessionResponse

```
<xsd:element name="EnableVirtualIpPerSessionResponse">
  <xsd:complexType/>
</xsd:element>
```

### 3.6.4.47.3 Complex Types

None.

### 3.6.4.48 SetDesktopMonitoring Operation

The **SetDesktopMonitoring** method enables/disables desktop monitoring on the server. This operation **MUST** be authenticated by using Server Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="SetDesktopMonitoring">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/SetDesktopMonitoring"
name="IMultiPointServer SetDesktopMonitoring InputMessage"
message="tns:IMultiPointServer_SetDesktopMonitoring_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/SetDesktopMonitoringResponse"
name="IMultiPointServer SetDesktopMonitoring OutputMessage"
message="tns:IMultiPointServer_SetDesktopMonitoring_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointServer_SetDesktopMonitoring_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.6.4.48.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_SetDesktopMonitoring_InputMessage	This message configures the desktop monitoring feature.
IMultiPointServer_SetDesktopMonitoring_OutputMessage	Response message.
IMultiPointServer_SetDesktopMonitoring_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.6.4.48.1.1 IMultiPointServer\_SetDesktopMonitoring\_InputMessage Message

A **WSDL message** containing the request for the **SetDesktopMonitoring WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/SetDesktopMonitoring
<wsdl:message name="IMultiPointServer SetDesktopMonitoring InputMessage">
  <wsdl:part name="SetDesktopMonitoring" element="tns:SetDesktopMonitoring"/>
</wsdl:message>
```

#### 3.6.4.48.1.2 IMultiPointServer\_SetDesktopMonitoring\_OutputMessage Message

A **WSDL message** containing the response for the **SetDesktopMonitoring WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/SetDesktopMonitoringResponse
<wsdl:message name="IMultiPointServer_SetDesktopMonitoring_OutputMessage">
  <wsdl:part name="SetDesktopMonitoringResponse" element="tns:SetDesktopMonitoringResponse"/>
</wsdl:message>
```

### 3.6.4.48.1.3 IMultiPointServer\_SetDesktopMonitoring\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **SetDesktopMonitoring WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointServer_SetDesktopMonitoring_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.6.4.48.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<SetDesktopMonitoring>	Input parameters element
<SetDesktopMonitoringResponse>	Output data element

#### 3.6.4.48.2.1 SetDesktopMonitoring

```
<xsd:element name="SetDesktopMonitoring">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="fEnable" type="xsd:boolean"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**fEnable:** Contains "true" if desktop monitoring is enabled.

#### 3.6.4.48.2.2 SetDesktopMonitoringResponse

```
<xsd:element name="SetDesktopMonitoringResponse">
  <xsd:complexType/>
</xsd:element>
```

### 3.6.4.48.3 Complex Types

None.

### 3.6.4.49 SetSingleSessionPerUser Operation

The **SetSingleSessionPerUser** method configures whether the server allows a user to log in only once or multiple times. This operation MUST be authenticated by using Server Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="SetSingleSessionPerUser">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/SetSingleSessionPerUser"
    name="IMultiPointServer_SetSingleSessionPerUser_InputMessage"
    message="tns:IMultiPointServer_SetSingleSessionPerUser_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/SetSingleSessionPerUserResponse"
    name="IMultiPointServer_SetSingleSessionPerUser_OutputMessage"
    message="tns:IMultiPointServer_SetSingleSessionPerUser_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointServer_SetSingleSessionPerUser_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.6.4.49.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointServer_SetSingleSessionPerUser_InputMessage	This message configures the single-session-per-user setting.
IMultiPointServer_SetSingleSessionPerUser_OutputMessage	Response message.
IMultiPointServer_SetSingleSessionPerUser_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

##### 3.6.4.49.1.1 IMultiPointServer\_SetSingleSessionPerUser\_InputMessage Message

A **WSDL message** containing the request for **SetSingleSessionPerUser WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/SetSingleSessionPerUser
<wsdl:message name="IMultiPointServer_SetSingleSessionPerUser_InputMessage">
  <wsdl:part name="SetSingleSessionPerUser" element="tns:SetSingleSessionPerUser"/>
</wsdl:message>
```

##### 3.6.4.49.1.2 IMultiPointServer\_SetSingleSessionPerUser\_OutputMessage Message

A **WSDL message** containing the response for **SetSingleSessionPerUser WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointServer/SetSingleSessionPerUserResponse
<wsdl:message name="IMultiPointServer_SetSingleSessionPerUser_OutputMessage">
  <wsdl:part name="SetSingleSessionPerUserResponse"
    element="tns:SetSingleSessionPerUserResponse"/>
</wsdl:message>
```

### 3.6.4.49.1.3 IMultiPointServer\_SetSingleSessionPerUser\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for **SetSingleSessionPerUser WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointServer_SetSingleSessionPerUser_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.6.4.49.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<SetSingleSessionPerUser>	Input parameters element
<SetSingleSessionPerUserResponse>	Output data element

#### 3.6.4.49.2.1 SetSingleSessionPerUser

```
<xsd:element name="SetSingleSessionPerUser">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="fEnable" type="xsd:boolean"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**fEnable:** Contains "true" if a user can only be logged into a single session at a time.

#### 3.6.4.49.2.2 SetSingleSessionPerUserResponse

```
<xsd:element name="SetSingleSessionPerUserResponse">
  <xsd:complexType/>
</xsd:element>
```

### 3.6.4.49.3 Complex Types

None.

### 3.6.5 Timer Events

None.

### 3.6.6 Other Local Events

None.

## 3.7 IMultiPointSession Server Details

The IMultiPointSession endpoint provides a set of APIs used to manipulate a specific Windows session on the server.

### 3.7.1 Abstract Data Model

This section describes a conceptual model of possible data organization that an implementation maintains to participate in this algorithm. The described organization is provided to facilitate the explanation of how the algorithm behaves. This document does not mandate that implementations adhere to this model as long as their external behavior is consistent with that described in this document.

The server MUST supply an **X.509** certificate for the purpose of server identification and to be used by the client and server to encrypt **SOAP** requests/responses.

The server MUST create and securely store a random password to be used to authenticate API requests.

### 3.7.2 Timers

None.

### 3.7.3 Initialization

None.

### 3.7.4 Message Processing Events and Sequencing Rules

This specification includes the following **WSDL operations**:

Element	Description
CloseSessionApplication	Close the specified application.
ConfigureWebLimiting	Enable/disable web limiting for the specified Windows session.
ConfigureWebLimitingAll	Configure the web limiting lists for all Windows sessions.
CurrentActivity	Determine the current foreground application name and idle time associated with the specified Windows session.
DisconnectSession	Request that the server disconnect the specified Windows session.
EnableProjectToAll	Enable all Windows sessions to view the specified Windows session.
EnableWebLimitingAll	Enable web limiting for all Windows sessions.
GetScreenState	Determine the screen state of the specified Windows session.
GetSessionAgentStatus	Determine if the specified Windows session is in station-identification mode.
GetSessionRunningApps	Request that the server return a list of applications running in the context of the specified Windows session.
GetThumbnailBits	Request that server return a JPEG image of the contents of the display associated with the specified Windows session.
IdentifySession	Request that server start displaying station-identification information on the

Element	Description
	display associated with the specified Windows session.
GetSessionFlags	Retrieve a set of bit-flags that provide information about the session.
LockSession	Request that the server lock the display associated with the specified Windows session.
LogOffConsoleSession	Request that the server log off the console session.
LogOffSession	Request that the server log off the specified Windows session.
RunFileSession	Request that the server run the specified file in the specified Windows session context.
ShareDesktop	Request that the server start sharing the specified Windows session.
StopIdentifyingSession	Request that the server stop displaying station-identification information on the display associated with the specified Windows session.
StopLockingSession	Request that the server stop locking the display of the specified Windows session.
StopShareDesktop	Request that the server stop sharing a specific Windows session.
ViewDesktop	Enable the specified Windows session to see the specified shared desktop.

### 3.7.4.1 CurrentActivity Operation

The **CurrentActivity** method requests that the server return information about the currently used application in the specified Windows session. This operation **MUST** be authenticated by Server Management Credentials or Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="CurrentActivity">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/CurrentActivity"
    name="IMultiPointSession_CurrentActivity_InputMessage"
    message="tns:IMultiPointSession_CurrentActivity_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/CurrentActivityResponse"
    name="IMultiPointSession_CurrentActivity_OutputMessage"
    message="tns:IMultiPointSession_CurrentActivity_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointSession_CurrentActivity_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.7.4.1.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointSession_CurrentActivity_InputMessage	This message requests information about the currently used application in the specified Windows session.
IMultiPointSession_CurrentActivity_OutputMessage	Response message.



Message	Description
IMultiPointSession_CurrentActivity_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.7.4.1.1.1 IMultiPointSession\_CurrentActivity\_InputMessage Message

A **WSDL message** containing the request for the **CurrentActivity WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointSession/CurrentActivity
<wsdl:message name="IMultiPointSession_CurrentActivity_InputMessage">
  <wsdl:part name="CurrentActivity" element="tns:CurrentActivity"/>
</wsdl:message>
```

#### 3.7.4.1.1.2 IMultiPointSession\_CurrentActivity\_OutputMessage Message

A **WSDL message** containing the response for the **CurrentActivity WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointSession/CurrentActivityResponse
<wsdl:message name="IMultiPointSession_CurrentActivity_OutputMessage">
  <wsdl:part name="CurrentActivityResponse" element="tns:CurrentActivityResponse"/>
</wsdl:message>
```

#### 3.7.4.1.1.3 IMultiPointSession\_CurrentActivity\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **CurrentActivity WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointSession_CurrentActivity_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

#### 3.7.4.1.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<CurrentActivity>	Input parameters element
<CurrentActivityResponse>	Output data element

#### 3.7.4.1.2.1 CurrentActivity

```
<xsd:element name="CurrentActivity"
type="tns:CurrentActivityRequestBody"/>
```

### 3.7.4.1.2.2 CurrentActivityResponse

```
<xsd:element name="CurrentActivityResponse" type="tns:CurrentActivityResponseBody"/>
```

### 3.7.4.1.3 Complex Types

The following table summarizes the **XML Schema** complex type definitions that are specific to this operation.

Complex type	Description
<CurrentActivityRequestBody>	XML supplying the input parameters
<CurrentActivityResponseBody>	XML supplying the output parameters

#### 3.7.4.1.3.1 CurrentActivityRequestBody

```
<xsd:complexType name="CurrentActivityRequestBody">
  <xsd:sequence>
    <xsd:element minOccurs="1" maxOccurs="1" name="idSession" type="xsd:unsignedInt"/>
  </xsd:sequence>
</xsd:complexType>
```

**idSession:** Contains the ID of the remote desktop session being associated with the station.

#### 3.7.4.1.3.2 CurrentActivityResponseBody

```
<xsd:complexType name="CurrentActivityResponseBody">
  <xsd:sequence>
    <xsd:element minOccurs="0" maxOccurs="1" name="pdwInactiveTicks" type="xsd:unsignedInt"/>
    <xsd:element minOccurs="0" maxOccurs="1" name="pwsCurrentActivity" type="xsd:string"/>
  </xsd:sequence>
</xsd:complexType>
```

**pdwInactiveTicks:** Contains how long the session has been idle.

**pwsCurrentActivity:** Contains the window title or process ID of the current foreground application.

### 3.7.4.2 CloseSessionApplication Operation

The **CloseSessionApplication** method requests that the server close a specific application. This operation **MUST** be authenticated by using either Server Management Credentials or Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="CloseSessionApplication">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/CloseSessionApplication"
name="IMultiPointSession_CloseSessionApplication_InputMessage"
message="tns:IMultiPointSession_CloseSessionApplication_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/CloseSessionApplicationRes
```

```

ponse" name="IMultiPointSession_CloseSessionApplication_OutputMessage"
message="tns:IMultiPointSession_CloseSessionApplication_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointSession_CloseSessionApplication_WmsFaultType_FaultMessage"/>
</wsdl:operation>

```

### 3.7.4.2.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointSession_CloseSessionApplication_InputMessage	This message requests that the server close a specific application.
IMultiPointSession_CloseSessionApplication_OutputMessage	Response message.
IMultiPointSession_CloseSessionApplication_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.7.4.2.1.1 IMultiPointSession\_CloseSessionApplication\_InputMessage Message

A **WSDL message** containing the request for the **CloseSessionApplication WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointSession/CloseSessionApplication
<wsdl:message name="IMultiPointSession_CloseSessionApplication_InputMessage">
  <wsdl:part name="CloseSessionApplication" element="tns:CloseSessionApplication"/>
</wsdl:message>

```

#### 3.7.4.2.1.2 IMultiPointSession\_CloseSessionApplication\_OutputMessage Message

A **WSDL message** containing the response for the **CloseSessionApplication WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointSession/CloseSessionApplicationResponse
<wsdl:message name="IMultiPointSession_CloseSessionApplication_OutputMessage">
  <wsdl:part name="CloseSessionApplicationResponse"
element="tns:CloseSessionApplicationResponse"/>
</wsdl:message>

```

#### 3.7.4.2.1.3 IMultiPointSession\_CloseSessionApplication\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **CloseSessionApplication WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointSession_CloseSessionApplication_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>

```

```
</wsdl:message>
```

### 3.7.4.2.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<CloseSessionApplication>	Input parameters element
<CloseSessionApplicationResponse>	Output data element

#### 3.7.4.2.2.1 CloseSessionApplication

```
<xsd:element name="CloseSessionApplication">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="idSession" type="xsd:unsignedInt"/>
      <xsd:element minOccurs="1" maxOccurs="1" name="idProcess" type="xsd:unsignedInt"/>
      <xsd:element minOccurs="1" maxOccurs="1" name="ullCreateTime" type="xsd:unsignedLong"/>
      <xsd:element minOccurs="1" maxOccurs="1" name="idWindow" type="xsd:unsignedLong"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**idSession:** Contains the ID of the remote desktop session being associated with the station.

**idProcess:** Contains the process ID of the process.

**ullCreateTime:** Contains the creation time of the process.

**idWindow:** Contains the ID of the window associated with the process.

#### 3.7.4.2.2.2 CloseSessionApplicationResponse

```
<xsd:element name="CloseSessionApplicationResponse">
  <xsd:complexType/>
</xsd:element>
```

#### 3.7.4.2.3 Complex Types

None.

#### 3.7.4.3 ConfigureWebLimiting Operation

The **ConfigureWebLimiting** method requests that the server enable/disable web limiting for the specified remote desktop session. This operation **MUST** be authenticated by using either Server Management Credentials or Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="ConfigureWebLimiting">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/ConfigureWebLimiting"
    name="IMultiPointSession ConfigureWebLimiting InputMessage"
    message="tns:IMultiPointSession_ConfigureWebLimiting_InputMessage"/>
```

```

    <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/ConfigureWebLimitingResponse"
name="IMultiPointSession_ConfigureWebLimiting_OutputMessage"
message="tns:IMultiPointSession_ConfigureWebLimiting_OutputMessage"/>
    <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointSession_ConfigureWebLimiting_WmsFaultType_FaultMessage"/>
</wsdl:operation>

```

### 3.7.4.3.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointSession_ConfigureWebLimiting_InputMessage	This message requests that web limiting be enabled/disabled for the specified Windows session.
IMultiPointSession_ConfigureWebLimiting_OutputMessage	Response message.
IMultiPointSession_ConfigureWebLimiting_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.7.4.3.1.1 IMultiPointSession\_ConfigureWebLimiting\_InputMessage Message

A **WSDL message** containing the request for the **ConfigureWebLimiting WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointSession/ConfigureWebLimiting
<wsdl:message name="IMultiPointSession_ConfigureWebLimiting_InputMessage">
  <wsdl:part name="ConfigureWebLimiting" element="tns:ConfigureWebLimiting"/>
</wsdl:message>

```

#### 3.7.4.3.1.2 IMultiPointSession\_ConfigureWebLimiting\_OutputMessage Message

A **WSDL message** containing the response for the **ConfigureWebLimiting WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointSession/ConfigureWebLimitingResponse
<wsdl:message name="IMultiPointSession_ConfigureWebLimiting_OutputMessage">
  <wsdl:part name="ConfigureWebLimitingResponse" element="tns:ConfigureWebLimitingResponse"/>
</wsdl:message>

```

#### 3.7.4.3.1.3 IMultiPointSession\_ConfigureWebLimiting\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **ConfigureWebLimiting WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/WmsFault

```

```

<wsdl:message name="IMultiPointSession_ConfigureWebLimiting_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>

```

### 3.7.4.3.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<ConfigureWebLimiting>	Input parameters element
<ConfigureWebLimitingResponse>	Output data element

#### 3.7.4.3.2.1 ConfigureWebLimiting

```

<xsd:element name="ConfigureWebLimiting">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="idSession" type="xsd:unsignedInt"/>
      <xsd:element minOccurs="1" maxOccurs="1" name="fIsInLimiting" type="xsd:boolean"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>

```

**idSession:** Contains the ID of the Windows session.

**fIsInLimiting:** Contains "true" if web limiting is enabled.

#### 3.7.4.3.2.2 ConfigureWebLimitingResponse

```

<xsd:element name="ConfigureWebLimitingResponse">
  <xsd:complexType/>
</xsd:element>

```

#### 3.7.4.3.3 Complex Types

None.

#### 3.7.4.4 ConfigureWebLimitingAll Operation

The **ConfigureWebLimitingAll** method requests that the server configure the web limiting feature for all Windows sessions. This operation **MUST** be authenticated by using either Server Management Credentials or Server Control Credentials (section [3.4.1](#)).

```

<wsdl:operation name="ConfigureWebLimitingAll">
  <wsdl:input>
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/ConfigureWebLimitingAll"
    name="IMultiPointSession_ConfigureWebLimitingAll_InputMessage"
    message="tns:IMultiPointSession_ConfigureWebLimitingAll_InputMessage"/>
  <wsdl:output>
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/ConfigureWebLimitingAllRes
    ponse" name="IMultiPointSession_ConfigureWebLimitingAll_OutputMessage"
    message="tns:IMultiPointSession_ConfigureWebLimitingAll_OutputMessage"/>

```

```
<wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointSession_ConfigureWebLimitingAll_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

### 3.7.4.4.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointSession_ConfigureWebLimitingAll_InputMessage	This message requests that the server configure the web limiting feature for all Windows sessions.
IMultiPointSession_ConfigureWebLimitingAll_OutputMessage	Response message
IMultiPointSession_ConfigureWebLimitingAll_WmsFaultType_FaultMessage	This message contains the internal server failure status code, if a failure has occurred.

#### 3.7.4.4.1.1 IMultiPointSession\_ConfigureWebLimitingAll\_InputMessage Message

A **WSDL message** containing the request for the **ConfigureWebLimitingAll WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointSession/ConfigureWebLimitingAll
<wsdl:message name="IMultiPointSession_ConfigureWebLimitingAll_InputMessage">
  <wsdl:part name="ConfigureWebLimitingAll" element="tns:ConfigureWebLimitingAll"/>
</wsdl:message>
```

#### 3.7.4.4.1.2 IMultiPointSession\_ConfigureWebLimitingAll\_OutputMessage Message

A **WSDL message** containing the response for the **ConfigureWebLimitingAll WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointSession/ConfigureWebLimitingAllResponse
<wsdl:message name="IMultiPointSession_ConfigureWebLimitingAll_OutputMessage">
  <wsdl:part name="ConfigureWebLimitingAllResponse"
element="tns:ConfigureWebLimitingAllResponse"/>
</wsdl:message>
```

#### 3.7.4.4.1.3 IMultiPointSession\_ConfigureWebLimitingAll\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **ConfigureWebLimitingAll WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointSession_ConfigureWebLimitingAll_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

```
</wsdl:message>
```

### 3.7.4.4.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<ConfigureWebLimitingAll>	Input parameters element
<ConfigureWebLimitingAllResponse>	Output data element

#### 3.7.4.4.2.1 ConfigureWebLimitingAll

```
<xsd:element name="ConfigureWebLimitingAll" type="tns:ConfigureWebLimitingAllRequestBody"/>
```

#### 3.7.4.4.2.2 ConfigureWebLimitingAllResponse

```
<xsd:element name="ConfigureWebLimitingAllResponse" type="ql:ConfigureWebLimitingAllResponseBody"/>
```

### 3.7.4.4.3 Complex Types

The following table summarizes the **XML Schema** complex type definitions that are specific to this operation.

Complex type	Description
<ConfigureWebLimitingAllRequestBody>	XML supplying the input parameters
<ConfigureWebLimitingAllResponseBody>	XML supplying the output parameters

#### 3.7.4.4.3.1 ConfigureWebLimitingAllRequestBody

```
<xsd:complexType name="ConfigureWebLimitingAllRequestBody">  
  <xsd:sequence>  
    <xsd:element minOccurs="1" maxOccurs="1" name="wsAllowList" type="xsd:string"/>  
    <xsd:element minOccurs="1" maxOccurs="1" name="wsBlockList" type="xsd:string"/>  
    <xsd:element minOccurs="1" maxOccurs="1" name="fIsAllowedList" type="xsd:boolean"/>  
  </xsd:sequence>  
</xsd:complexType>
```

**wsAllowList:** Contains a list of websites that are allowed.

**wsBlockList:** Contains a list of websites that are blocked.

**fIsAllowedList:** Contains "true" if white list is enabled.

#### 3.7.4.4.3.2 ConfigureWebLimitingAllResponseBody



```
<xsd:complexType name="ConfigureWebLimitingAllResponseBody"/>
```

### 3.7.4.5 EnableProjectToAll Operation

The **EnableProjectToAll** method requests that the server have every Windows session view the specified shared desktop. This operation **MUST** be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="EnableProjectToAll">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/EnableProjectToAll"
    name="IMultiPointSession_EnableProjectToAll_InputMessage"
    message="tns:IMultiPointSession_EnableProjectToAll_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/EnableProjectToAllResponse"
    name="IMultiPointSession_EnableProjectToAll_OutputMessage"
    message="tns:IMultiPointSession_EnableProjectToAll_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointSession_EnableProjectToAll_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.7.4.5.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointSession_EnableProjectToAll_InputMessage	This message requests that the server have every Windows session view the specified shared desktop.
IMultiPointSession_EnableProjectToAll_OutputMessage	Response message.
IMultiPointSession_EnableProjectToAll_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

##### 3.7.4.5.1.1 IMultiPointSession\_EnableProjectToAll\_InputMessage Message

A **WSDL message** containing the request for the **EnableProjectToAll WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointSession/EnableProjectToAll
<wsdl:message name="IMultiPointSession_EnableProjectToAll_InputMessage">
  <wsdl:part name="EnableProjectToAll" element="tns:EnableProjectToAll"/>
</wsdl:message>
```

##### 3.7.4.5.1.2 IMultiPointSession\_EnableProjectToAll\_OutputMessage Message

A **WSDL message** containing the response for the **EnableProjectToAll WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointSession/EnableProjectToAllResponse
```

```
<wsdl:message name="IMultiPointSession_EnableProjectToAll_OutputMessage">
  <wsdl:part name="EnableProjectToAllResponse" element="tns:EnableProjectToAllResponse"/>
</wsdl:message>
```

### 3.7.4.5.1.3 IMultiPointSession\_EnableProjectToAll\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **EnableProjectToAll WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointSession_EnableProjectToAll_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.7.4.5.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<EnableProjectToAll>	Input parameters element
<EnableProjectToAllResponse>	Output data element

#### 3.7.4.5.2.1 EnableProjectToAll

```
<xsd:element name="EnableProjectToAll" type="tns:EnableProjectToAllRequestBody"/>
```

#### 3.7.4.5.2.2 EnableProjectToAllResponse

```
<xsd:element name="EnableProjectToAllResponse" type="q1:EnableProjectToAllResponseBody"/>
```

### 3.7.4.5.3 Complex Types

The following table summarizes the **XML Schema** complex type definitions that are specific to this operation.

Complex type	Description
<EnableProjectToAllRequestBody>	XML supplying the input parameters
<EnableProjectToAllResponseBody>	XML supplying the output parameters

#### 3.7.4.5.3.1 EnableProjectToAllRequestBody

```
<xsd:complexType name="EnableProjectToAllRequestBody">
  <xsd:sequence>
    <xsd:element minOccurs="1" maxOccurs="1" name="wsInvitation" nillable="true"
      type="xsd:string"/>
  </xsd:sequence>
</xsd:complexType>
```

```
</xsd:sequence>
</xsd:complexType>
```

**wsInvitation:** Contains an invitation string for each session to view.

### 3.7.4.5.3.2 EnableProjectToAllResponseBody

```
<xsd:complexType name="EnableProjectToAllResponseBody"/>
```

### 3.7.4.6 EnableWebLimitingAll Operation

The **EnableWebLimitingAll** method requests that the server enable web limiting for all Windows sessions. This operation **MUST** be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="EnableWebLimitingAll">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/EnableWebLimitingAll"
    name="IMultiPointSession_EnableWebLimitingAll_InputMessage"
    message="tns:IMultiPointSession_EnableWebLimitingAll_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/EnableWebLimitingAllResponse"
    name="IMultiPointSession_EnableWebLimitingAll_OutputMessage"
    message="tns:IMultiPointSession_EnableWebLimitingAll_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointSession_EnableWebLimitingAll_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.7.4.6.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointSession_EnableWebLimitingAll_InputMessage	This message requests web limiting for all Windows sessions to be enabled.
IMultiPointSession_EnableWebLimitingAll_OutputMessage	Response message.
IMultiPointSession_EnableWebLimitingAll_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.7.4.6.1.1 IMultiPointSession\_EnableWebLimitingAll\_InputMessage Message

A **WSDL message** containing the request for the **EnableWebLimitingAll WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointSession/EnableWebLimitingAll
<wsdl:message name="IMultiPointSession_EnableWebLimitingAll_InputMessage">
  <wsdl:part name="EnableWebLimitingAll" element="tns:EnableWebLimitingAll"/>
</wsdl:message>
```

### 3.7.4.6.1.2 IMultiPointSession\_EnableWebLimitingAll\_OutputMessage Message

A **WSDL message** containing the response for the **EnableWebLimitingAll WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointSession/EnableWebLimitingAllResponse
<wsdl:message name="IMultiPointSession_EnableWebLimitingAll_OutputMessage">
  <wsdl:part name="EnableWebLimitingAllResponse" element="tns:EnableWebLimitingAllResponse"/>
</wsdl:message>
```

### 3.7.4.6.1.3 IMultiPointSession\_EnableWebLimitingAll\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **EnableWebLimitingAll WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointSession_EnableWebLimitingAll_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.7.4.6.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<EnableWebLimitingAll>	Input parameters element
<EnableWebLimitingAllResponse>	Output data element

#### 3.7.4.6.2.1 EnableWebLimitingAll

```
<xsd:element name="EnableWebLimitingAll">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="fIsInLimiting" type="xsd:boolean"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**fIsInLimiting:** Contains "true" if web limiting is enabled.

#### 3.7.4.6.2.2 EnableWebLimitingAllResponse

```
<xsd:element name="EnableWebLimitingAllResponse">
  <xsd:complexType/>
</xsd:element>
```

#### 3.7.4.6.3 Complex Types

None.

### 3.7.4.7 GetScreenState Operation

The **GetScreenState** method requests that the server return the current screen state associated with the specified Windows session. This operation **MUST** be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="GetScreenState">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/GetScreenState"
    name="IMultiPointSession_GetScreenState_InputMessage"
    message="tns:IMultiPointSession_GetScreenState_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/GetScreenStateResponse"
    name="IMultiPointSession_GetScreenState_OutputMessage"
    message="tns:IMultiPointSession_GetScreenState_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointSession_GetScreenState_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.7.4.7.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointSession_GetScreenState_InputMessage	This message requests the current screen state associated with the specified Windows session.
IMultiPointSession_GetScreenState_OutputMessage	Response message.
IMultiPointSession_GetScreenState_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

##### 3.7.4.7.1.1 IMultiPointSession\_GetScreenState\_InputMessage Message

A **WSDL message** containing the request for the **GetScreenState WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointSession/GetScreenState
<wsdl:message name="IMultiPointSession_GetScreenState_InputMessage">
  <wsdl:part name="GetScreenState" element="tns:GetScreenState"/>
</wsdl:message>
```

##### 3.7.4.7.1.2 IMultiPointSession\_GetScreenState\_OutputMessage Message

A **WSDL message** containing the response for the **GetScreenState WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointSession/GetScreenStateResponse
<wsdl:message name="IMultiPointSession_GetScreenState_OutputMessage">
  <wsdl:part name="GetScreenStateResponse" element="tns:GetScreenStateResponse"/>
</wsdl:message>
```

### 3.7.4.7.1.3 IMultiPointSession\_GetScreenState\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **GetScreenState WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointSession_GetScreenState_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.7.4.7.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<GetScreenState>	Input parameters element
<GetScreenStateResponse>	Output data element

#### 3.7.4.7.2.1 GetScreenState

```
<xsd:element name="GetScreenState">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="idSession" type="xsd:unsignedInt"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**idSession:** Contains the ID of the remote desktop session.

#### 3.7.4.7.2.2 GetScreenStateResponse

```
<xsd:element name="GetScreenStateResponse">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="peCurrentBroadCastState"
type="xsd:unsignedInt"/>
      <xsd:element minOccurs="1" maxOccurs="1" name="pfIsLocked" type="xsd:boolean"/>
      <xsd:element minOccurs="1" maxOccurs="1" name="pfIsDisconnected" type="xsd:boolean"/>
      <xsd:element minOccurs="1" maxOccurs="1" name="pfIsPrivate" type="xsd:boolean"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**peCurrentBroadCastState:** Contains the following possible values:

Value	Meaning
0	quiescent
1	projecting

Value	Meaning
2	controlled
3	viewing

**pfIsLocked:** Contains "true" if screen is locked.

**pfIsDisconnected:** Contains "true" if session is disconnected.

**pfIsPrivate:** Contains "true" if session is private.

### 3.7.4.7.3 Complex Types

None.

### 3.7.4.8 GetSessionAgentStatus Operation

The **GetSessionAgentStatus** method requests that the server return the current identify-station-mode state of the specified Windows session. This operation MUST be authenticated by using Server Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="GetSessionAgentStatus">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/GetSessionAgentStatus"
    name="IMultiPointSession_GetSessionAgentStatus_InputMessage"
    message="tns:IMultiPointSession_GetSessionAgentStatus_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/GetSessionAgentStatusRespo
    nse" name="IMultiPointSession_GetSessionAgentStatus_OutputMessage"
    message="tns:IMultiPointSession_GetSessionAgentStatus_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointSession_GetSessionAgentStatus_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.7.4.8.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointSession_GetSessionAgentStatus_InputMessage	This message requests the identify-station state of the specified Windows session.
IMultiPointSession_GetSessionAgentStatus_OutputMessage	Response message.
IMultiPointSession_GetSessionAgentStatus_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

##### 3.7.4.8.1.1 IMultiPointSession\_GetSessionAgentStatus\_InputMessage Message

A **WSDL message** containing the request for the **GetSessionAgentStatus WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointSession/GetSessionAgentStatus
<wsdl:message name="IMultiPointSession_GetSessionAgentStatus_InputMessage">
  <wsdl:part name="GetSessionAgentStatus" element="tns:GetSessionAgentStatus"/>
</wsdl:message>

```

### 3.7.4.8.1.2 IMultiPointSession\_GetSessionAgentStatus\_OutputMessage Message

A **WSDL message** containing the response for the **GetSessionAgentStatus WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointSession/GetSessionAgentStatusResponse
<wsdl:message name="IMultiPointSession_GetSessionAgentStatus_OutputMessage">
  <wsdl:part name="GetSessionAgentStatusResponse"
    element="tns:GetSessionAgentStatusResponse"/>
</wsdl:message>

```

### 3.7.4.8.1.3 IMultiPointSession\_GetSessionAgentStatus\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **GetSessionAgentStatus WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointSession_GetSessionAgentStatus_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>

```

### 3.7.4.8.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<GetSessionAgentStatus>	Input parameters element
<GetSessionAgentStatusResponse>	Output data element

#### 3.7.4.8.2.1 GetSessionAgentStatus

```

<xsd:element name="GetSessionAgentStatus">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="idSession" type="xsd:unsignedInt"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>

```

**idSession:** Contains the ID of the remote desktop session.

#### 3.7.4.8.2.2 GetSessionAgentStatusResponse

```

<xsd:element name="GetSessionAgentStatusResponse">

```



```

<xsd:complexType>
  <xsd:sequence>
    <xsd:element minOccurs="1" maxOccurs="1" name="peIdentifyStationState"
type="xsd:unsignedInt"/>
  </xsd:sequence>
</xsd:complexType>
</xsd:element>

```

**peIdentifyStationState:** Contains an unsigned integer with the following possible values:

Value	Meaning
0	Not identifying station
1	Identifying station

### 3.7.4.8.3 Complex Types

None.

### 3.7.4.9 GetSessionRunningApps Operation

The **GetSessionRunningApps** method requests that the server return a list of the applications currently running in the specified Windows session. This operation **MUST** be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```

<wsdl:operation name="GetSessionRunningApps">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/GetSessionRunningApps"
name="IMultiPointSession_GetSessionRunningApps_InputMessage"
message="tns:IMultiPointSession_GetSessionRunningApps_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/GetSessionRunningAppsRespo
nse" name="IMultiPointSession_GetSessionRunningApps_OutputMessage"
message="tns:IMultiPointSession_GetSessionRunningApps_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointSession_GetSessionRunningApps_WmsFaultType_FaultMessage"/>
</wsdl:operation>

```

#### 3.7.4.9.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointSession_GetSessionRunningApps_InputMessage	This message requests a list of the applications currently running in the specified Windows session.
IMultiPointSession_GetSessionRunningApps_OutputMessage	This message contains a list of the applications currently running in the specified Windows session.
IMultiPointSession_GetSessionRunningApps_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

### 3.7.4.9.1.1 IMultiPointSession\_GetSessionRunningApps\_InputMessage Message

A **WSDL message** containing the request for the **GetSessionRunningApps WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointSession/GetSessionRunningApps
<wsdl:message name="IMultiPointSession_GetSessionRunningApps_InputMessage">
  <wsdl:part name="GetSessionRunningApps" element="tns:GetSessionRunningApps"/>
</wsdl:message>
```

### 3.7.4.9.1.2 IMultiPointSession\_GetSessionRunningApps\_OutputMessage Message

A **WSDL message** containing the response for the **GetSessionRunningApps WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointSession/GetSessionRunningAppsResponse
<wsdl:message name="IMultiPointSession_GetSessionRunningApps_OutputMessage">
  <wsdl:part name="GetSessionRunningAppsResponse"
element="tns:GetSessionRunningAppsResponse"/>
</wsdl:message>
```

### 3.7.4.9.1.3 IMultiPointSession\_GetSessionRunningApps\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **GetSessionRunningApps WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointSession_GetSessionRunningApps_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.7.4.9.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<GetSessionRunningApps>	Input parameters element
<GetSessionRunningAppsResponse>	Output data element

#### 3.7.4.9.2.1 GetSessionRunningApps

```
<xsd:element name="GetSessionRunningApps" type="tns:GetSessionRunningAppsRequestBody"/>
```

#### 3.7.4.9.2.2 GetSessionRunningAppsResponse

```
<xsd:element name="GetSessionRunningAppsResponse"
type="tns:GetSessionRunningAppsResponseBody"/>
```

### 3.7.4.9.3 Complex Types

The following table summarizes the **XML Schema** complex type definitions that are specific to this operation.

Complex type	Description
<GetSessionRunningAppsRequestBody>	XML supplying the input parameters
<GetSessionRunningAppsResponseBody>	XML supplying the output parameters
WMS_RUNNING_APP_WS	XML structure definition of running application element.
ArrayOfWMS_RUNNING_APP_WS	Array of 0 or more elements of type WMS_RUNNING_APP_WS.

#### 3.7.4.9.3.1 GetSessionRunningAppsRequestBody

```
<xsd:complexType name="GetSessionRunningAppsRequestBody">
  <xsd:sequence>
    <xsd:element minOccurs="1" maxOccurs="1" name="idSession" type="xsd:unsignedInt"/>
  </xsd:sequence>
</xsd:complexType>
```

**idSession:** Contains the ID of the remote desktop session.

#### 3.7.4.9.3.2 GetSessionRunningAppsResponseBody

```
<xsd:complexType name="GetSessionRunningAppsResponseBody">
  <xsd:sequence>
    <xsd:element minOccurs="1" maxOccurs="1" name="pprgwsWmsRunningAppWs"
type="xsd:ArrayOfWMS_RUNNING_APPWS"/>
  </xsd:sequence>
</xsd:complexType>
```

**pprgwsWmsRunningAppWs:** Contains a list of applications currently running in the session.

#### 3.7.4.9.3.3 WMS\_RUNNING\_APP\_WS

The **WMS\_RUNNING\_APP\_WS** complex type contains data about a single application currently running on the server. [<20>](#)

```
<xsd:complexType name="WMS_RUNNING_APP_WS">
  <xsd:sequence>
    <xsd:element minOccurs="1" maxOccurs="1" name="wsName" type="xsd:string"/>
    <xsd:element minOccurs="1" maxOccurs="1" name="ProcessId" type="xsd:unsignedInt"/>
    <xsd:element minOccurs="1" maxOccurs="1" name="WindowId" type="xsd:unsignedInt"/>
    <xsd:element minOccurs="1" maxOccurs="1" name="CreateTime" type="xsd:unsignedLong"/>
  </xsd:sequence>
</xsd:complexType>
```

**wsName:** Contains the application name.

**ProcessId:** Contains the process ID of the application.

**WindowId:** Contains the window ID of the main application window.

**CreateTime:** Contains the process creation time.

#### 3.7.4.9.3.4 ArrayOfWMS\_RUNNING\_APP\_WS

The **ArrayOfWMS\_RUNNING\_WS** complex type is an array of zero or more elements of type `tns:WMS_RUNNING_APP_WS`.[<21>](#)

```
<xsd:complexType name="ArrayOfWMS_RUNNING_APP_WS">
  <xsd:sequence>
    <xsd:element minOccurs="0" maxOccurs="unbounded" name="prgWmsRunningAppWs"
type="tns:WMS_RUNNING_APP_WS" />
  </xsd:sequence>
</xsd:complexType>
```

**prgWmsRunningAppWs:** Contains an array of zero or more **WMS\_RUNNING\_APP\_WS** structures (section [3.7.4.9.3.3](#)).

#### 3.7.4.10 GetThumbnailBits Operation

The **GetThumbnailBits** method requests that the server return a JPEG image of the contents of the specified Windows session. This operation **MUST** be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="GetThumbnailBits">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/GetThumbnailBits"
name="IMultiPointSession_GetThumbnailBits_InputMessage"
message="tns:IMultiPointSession_GetThumbnailBits_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/GetThumbnailBitsResponse"
name="IMultiPointSession_GetThumbnailBits_OutputMessage"
message="tns:IMultiPointSession_GetThumbnailBits_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointSession_GetThumbnailBits_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

##### 3.7.4.10.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointSession_GetThumbnailBits_InputMessage	This message requests that the server return a JPEG image of the contents of the specified Windows session.
IMultiPointSession_GetThumbnailBits_OutputMessage	This message contains the requested thumbnail image.
IMultiPointSession_GetThumbnailBits_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

### 3.7.4.10.1.1 IMultiPointSession\_GetThumbnailBits\_InputMessage Message

A **WSDL message** containing the request for the **GetThumbnailBits WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointSession/GetThumbnailBits
<wsdl:message name="IMultiPointSession_GetThumbnailBits_InputMessage">
  <wsdl:part name="GetThumbnailBits" element="tns:GetThumbnailBits"/>
</wsdl:message>
```

### 3.7.4.10.1.2 IMultiPointSession\_GetThumbnailBits\_OutputMessage Message

A **WSDL message** containing the request for the **GetThumbnailBits WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointSession/GetThumbnailBits
<wsdl:message name="IMultiPointSession_GetThumbnailBits_OutputMessage">
  <wsdl:part name="GetThumbnailBits" element="tns:GetThumbnailBits"/>
</wsdl:message>
```

### 3.7.4.10.1.3 IMultiPointSession\_GetThumbnailBits\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **GetThumbnailBits WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointSession_GetThumbnailBits_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

## 3.7.4.10.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<GetThumbnailBits>	Input parameters element
<GetThumbnailBitsResponse>	Output data element

### 3.7.4.10.2.1 GetThumbnailBits

```
<xsd:element name="GetThumbnailBits" type="tns:GetThumbnailBitsRequestBody"/>
```

### 3.7.4.10.2.2 GetThumbnailBitsResponse

```
<xsd:element name="GetThumbnailBitsResponse" type="tns:GetThumbnailBitsResponseBody"/>
```

## 3.7.4.10.3 Complex Types

The following table summarizes the **XML Schema** complex type definitions that are specific to this operation.

Complex type	Description
<GetThumbnailBitsRequestBody>	XML supplying the input parameters
<GetThumbnailBitsResponseBody>	XML supplying the output parameters

### 3.7.4.10.3.1 GetThumbnailBitsRequestBody

```
<xsd:complexType name="GetThumbnailBitsRequestBody">
  <xsd:sequence>
    <xsd:element minOccurs="1" maxOccurs="1" name="idSession" type="xsd:unsignedInt"/>
    <xsd:element minOccurs="1" maxOccurs="1" name="eBitmapSize" type="xsd:unsignedInt"/>
  </xsd:sequence>
</xsd:complexType>
```

**idSession:** Contains the ID of the remote desktop session being associated with the station.

**eBitmapSize:** Contains an unsigned integer with the following possible values:

Value	Meaning
0	small
1	medium
2	large
3	fullscreen

### 3.7.4.10.3.2 GetThumbnailBitsResponseBody

```
<xsd:complexType name="GetThumbnailBitsResponseBody">
  <xsd:sequence>
    <xsd:element minOccurs="0" maxOccurs="1" name="ppbDataBits" type="xsd:base64Binary"
      mimeType="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 <b>administrator</b> session.
IMultiPointSession_GetSessionFlags_OutputMessage	Response message.
IMultiPointSession_GetSessionFlags_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.7.4.12.1.1 IMultiPointSession\_GetSessionFlags\_InputMessage Message

A **WSDL message** containing the request for the **GetSessionFlags WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointSession/GetSessionFlags
<wsdl:message name="IMultiPointSession_GetSessionFlags_InputMessage">
  <wsdl:part name="GetSessionFlags" element="tns:GetSessionFlags"/>
</wsdl:message>
```

#### 3.7.4.12.1.2 IMultiPointSession\_GetSessionFlags\_OutputMessage Message

A **WSDL message** containing the response for the **GetSessionFlags WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointSession/GetSessionFlagsResponse
<wsdl:message name="IMultiPointSession_GetSessionFlags_OutputMessage">
  <wsdl:part name="GetSessionFlagsResponse" element="tns:GetSessionFlagsResponse"/>
</wsdl:message>
```

### 3.7.4.12.1.3 IMultiPointSession\_GetSessionFlags\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **GetSessionFlags WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointSession_GetSessionFlags_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.7.4.12.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<GetSessionFlags>	Input parameters element
<GetSessionFlagsResponse>	Output data element

#### 3.7.4.12.2.1 GetSessionFlags

```
<xsd:element name="GetSessionFlags">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="idSession" type="xsd:unsignedInt"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**idSession:** Contains the ID of the Windows session being associated with the station.

#### 3.7.4.12.2.2 GetSessionFlagsResponse

```
<xsd:element name="GetSessionFlagsResponse">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="0" maxOccurs="1" name="pfgrSession" type="xsd:unsignedInt"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**pfgrSession:** The defined flags are:

Name - Description - Bitfield value

WSF\_Admin - User logged into session is an administrator - 0x0001

WSF\_Mog - User logged into session is a member of the MultiPoint Operators Group - 0x0002

WSF\_Student - User logged into session is a standard user - 0x0004

WSF\_Locked - Session is locked - 0x0008

WSF\_WebLimited - Session has web access limitations enabled - 0x0010

WSF\_Orchestratable - Session can be managed - 0x0020

### 3.7.4.12.3 Complex Types

None.

### 3.7.4.13 LockSession Operation

The **LockSession** method requests that the server lock the specified Windows session. This operation **MUST** be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="LockSession">
  <wsdl:input wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/LockSession"
name="IMultiPointSession LockSession InputMessage"
message="tns:IMultiPointSession_LockSession_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/LockSessionResponse"
name="IMultiPointSession_LockSession_OutputMessage"
message="tns:IMultiPointSession LockSession OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointSession LockSession WmsFaultType FaultMessage"/>
</wsdl:operation>
```

#### 3.7.4.13.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointSession_LockSession_InputMessage	This message requests that a specific Windows session be locked.
IMultiPointSession_LockSession_OutputMessage	Response message.
IMultiPointSession_LockSession_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

##### 3.7.4.13.1.1 IMultiPointSession\_LockSession\_InputMessage Message

A **WSDL message** containing the request for the **LockSession WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointSession/LockSession
<wsdl:message name="IMultiPointSession_LockSession_InputMessage">
  <wsdl:part name="LockSession" element="tns:LockSession"/>
</wsdl:message>

```

### 3.7.4.13.1.2 IMultiPointSession\_LockSession\_OutputMessage Message

A **WSDL message** containing the response for the **LockSession WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointSession/LockSessionResponse
<wsdl:message name="IMultiPointSession_LockSession_OutputMessage">
  <wsdl:part name="LockSessionResponse" element="tns:LockSessionResponse"/>
</wsdl:message>

```

### 3.7.4.13.1.3 IMultiPointSession\_LockSession\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **LockSession WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointSession_LockSession_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>

```

## 3.7.4.13.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<LockSession>	Input parameters element
<LockSessionResponse>	Output data element

### 3.7.4.13.2.1 LockSession

```
<xsd:element name="LockSession" type="tns:LockSessionRequestBody"/>
```

### 3.7.4.13.2.2 LockSessionResponse

```
<xsd:element name="LockSessionResponse" type="q1:LockSessionResponseBody"/>
```

## 3.7.4.13.3 Complex Types

The following table summarizes the **XML Schema** complex type definitions that are specific to this operation.

Complex type	Description
<LockSessionRequestBody>	XML supplying the input parameters
<LockSessionResponseBody>	XML supplying the output parameters

### 3.7.4.13.3.1 LockSessionRequestBody

```
<xsd:complexType name="LockSessionRequestBody">
  <xsd:sequence>
    <xsd:element minOccurs="1" maxOccurs="1" name="idSession" type="xsd:unsignedInt"/>
    <xsd:element minOccurs="1" maxOccurs="1" name="wsLockMessage" type="xsd:string"/>
  </xsd:sequence>
</xsd:complexType>
```

**idSession:** Contains the ID of the Windows session being associated with the station.

**wsLockMessage:** Contains the message to be displayed while the session is locked.

### 3.7.4.13.3.2 LockSessionResponseBody

```
<xsd:complexType name="LockSessionResponseBody"/>
```

## 3.7.4.14 LogOffSession Operation

The **LogOffSession** method requests that the server log off the specified Windows session. This operation **MUST** be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="LogOffSession">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/LogOffSession"
    name="IMultiPointSession_LogOffSession_InputMessage"
    message="tns:IMultiPointSession_LogOffSession_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/LogOffSessionResponse"
    name="IMultiPointSession_LogOffSession_OutputMessage"
    message="tns:IMultiPointSession_LogOffSession_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointSession_LogOffSession_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

### 3.7.4.14.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointSession_LogOffSession_InputMessage	This message requests that the server log off the specified Windows session.
IMultiPointSession_LogOffSession_OutputMessage	Response message.
IMultiPointSession_LogOffSession_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

### 3.7.4.14.1.1 IMultiPointSession\_LogOffSession\_InputMessage Message

A **WSDL message** containing the request for the **LogOffSession WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointSession/LogOffSession
<wsdl:message name="IMultiPointSession_LogOffSession_InputMessage">
  <wsdl:part name="LogOffSession" element="tns:LogOffSession"/>
</wsdl:message>
```

### 3.7.4.14.1.2 IMultiPointSession\_LogOffSession\_OutputMessage Message

A **WSDL message** containing the response for the **LogOffSession WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointSession/LogOffSessionResponse
<wsdl:message name="IMultiPointSession_LogOffSession_OutputMessage">
  <wsdl:part name="LogOffSessionResponse" element="tns:LogOffSessionResponse"/>
</wsdl:message>
```

### 3.7.4.14.1.3 IMultiPointSession\_LogOffSession\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **LogOffSession WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointSession_LogOffSession_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

## 3.7.4.14.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<LogOffSession>	Input parameters element
<LogOffSessionResponse>	Output data element

### 3.7.4.14.2.1 LogOffSession

```
<xsd:element name="LogOffSession">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="idSession" type="xsd:unsignedInt"/>
    </xsd:sequence>
  </xsd:complexType>
```

```
</xsd:element>
```

**idSession:** Contains the ID of the remote desktop session.

### 3.7.4.14.2 LogOffSessionResponse

```
<xsd:element name="LogOffSessionResponse">  
  <xsd:complexType/>  
</xsd:element>
```

### 3.7.4.14.3 Complex Types

None.

### 3.7.4.15 RunFileSession Operation

The **RunFileSession** method requests that the server run the specified file in the specified Windows session. This operation **MUST** be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="RunFileSession">  
  <wsdl:input  
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/RunFileSession"  
    name="IMultiPointSession RunFileSession InputMessage"  
    message="tns:IMultiPointSession_RunFileSession_InputMessage"/>  
  <wsdl:output  
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/RunFileSessionResponse"  
    name="IMultiPointSession RunFileSession OutputMessage"  
    message="tns:IMultiPointSession RunFileSession OutputMessage"/>  
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"  
    message="tns:IMultiPointSession_RunFileSession_WmsFaultType_FaultMessage"/>  
</wsdl:operation>
```

#### 3.7.4.15.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointSession_RunFileSession_InputMessage	This message requests that the server run the specified file in the specified Windows session context.
IMultiPointSession_RunFileSession_OutputMessage	Response message.
IMultiPointSession_RunFileSession_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.7.4.15.1.1 IMultiPointSession\_RunFileSession\_InputMessage Message

A **WSDL message** containing the request for the **RunFileSession WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointSession/RunFileSession
<wsdl:message name="IMultiPointSession_RunFileSession_InputMessage">
  <wsdl:part name="RunFileSession" element="tns:RunFileSession"/>
</wsdl:message>

```

### 3.7.4.15.1.2 IMultiPointSession\_RunFileSession\_OutputMessage Message

A **WSDL message** containing the response for the **RunFileSession WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointSession/RunFileSessionResponse
<wsdl:message name="IMultiPointSession_RunFileSession_OutputMessage">
  <wsdl:part name="RunFileSessionResponse" element="tns:RunFileSessionResponse"/>
</wsdl:message>

```

### 3.7.4.15.1.3 IMultiPointSession\_RunFileSession\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **RunFileSession WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointSession_RunFileSession_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>

```

## 3.7.4.15.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<RunFileSession>	Input parameters element
<RunFileSessionResponse>	Output data element

### 3.7.4.15.2.1 RunFileSession

```
<xsd:element name="RunFileSession" type="tns:RunFileSessionRequestBody"/>
```

### 3.7.4.15.2.2 RunFileSessionResponse

```
<xsd:element name="RunFileSessionResponse" type="tns:RunFileSessionResponseBody"/>
```

## 3.7.4.15.3 Complex Types

The following table summarizes the **XML Schema** complex type definitions that are specific to this operation.



Complex type	Description
<RunFileSessionRequestBody>	XML supplying the input parameters
<RunFileSessionResponseBody>	XML supplying the output parameters

### 3.7.4.15.3.1 RunFileSessionRequestBody

```
<xsd:complexType name="RunFileSessionRequestBody">
  <xsd:sequence>
    <xsd:element minOccurs="1" maxOccurs="1" name="idSession" type="xsd:unsignedInt"/>
    <xsd:element minOccurs="1" maxOccurs="1" name="wsFileToRun" type="xsd:string"/>
  </xsd:sequence>
</xsd:complexType>
```

**idSession:** Contains the ID of the Windows session being associated with the station.

**wsFileToRun:** Contains the file name of the file to be executed.

### 3.7.4.15.3.2 RunFileSessionResponseBody

```
<xsd:complexType name="RunFileSessionResponseBody">
  <xsd:sequence>
    <xsd:element minOccurs="0" maxOccurs="1" name="pdwResult" type="xsd:unsignedInt"/>
  </xsd:sequence>
</xsd:complexType>
```

**pdwResult:** Contains the result code of the executed process.

### 3.7.4.16 ShareDesktop Operation

The **ShareDesktop** method requests that the server share the specified Windows session so that it can be viewed by other Windows sessions. This operation **MUST** be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="ShareDesktop">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/ShareDesktop"
    name="IMultiPointSession_ShareDesktop_InputMessage"
    message="tns:IMultiPointSession_ShareDesktop_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/ShareDesktopResponse"
    name="IMultiPointSession_ShareDesktop_OutputMessage"
    message="tns:IMultiPointSession_ShareDesktop_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointSession_ShareDesktop_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.7.4.16.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointSession_ShareDesktop_InputMessage	This message requests that the server share

Message	Description
	a specific Windows session.
IMultiPointSession_ShareDesktop_OutputMessage	Response message that contains the invitation string used to view the shared desktop.
IMultiPointSession_ShareDesktop_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

### 3.7.4.16.1.1 IMultiPointSession\_ShareDesktop\_InputMessage Message

A **WSDL message** containing the request for the **ShareDesktop WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointSession/ShareDesktop
<wsdl:message name="IMultiPointSession_ShareDesktop_InputMessage">
  <wsdl:part name="ShareDesktop" element="tns:ShareDesktop"/>
</wsdl:message>
```

### 3.7.4.16.1.2 IMultiPointSession\_ShareDesktop\_OutputMessage Message

A **WSDL message** containing the response for the **ShareDesktop WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointSession/ShareDesktopResponse
<wsdl:message name="IMultiPointSession_ShareDesktop_OutputMessage">
  <wsdl:part name="ShareDesktopResponse" element="tns:ShareDesktopResponse"/>
</wsdl:message>
```

### 3.7.4.16.1.3 IMultiPointSession\_ShareDesktop\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **ShareDesktop WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointSession_ShareDesktop_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

## 3.7.4.16.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<ShareDesktop>	Input parameters element
<ShareDesktopResponse>	Output data element

### 3.7.4.16.2.1 ShareDesktop

```
<xsd:element name="ShareDesktop" type="tns:ShareDesktopRequestBody"/>
```

### 3.7.4.16.2.2 ShareDesktopResponse

```
<xsd:element name="ShareDesktopResponse" type="tns:ShareDesktopResponseBody"/>
```

### 3.7.4.16.3 Complex Types

The following table summarizes the **XML Schema** complex type definitions that are specific to this operation.

Complex type	Description
<ShareDesktopRequestBody>	XML supplying the input parameters
<ShareDesktopResponseBody>	XML supplying the output parameters

#### 3.7.4.16.3.1 ShareDesktopRequestBody

```
<xsd:complexType name="ShareDesktopRequestBody">
  <xsd:sequence>
    <xsd:element minOccurs="1" maxOccurs="1" name="idSession" type="xsd:unsignedInt"/>
    <xsd:element minOccurs="0" maxOccurs="1" name="eMode" type="xsd:unsignedInt"/>
    <xsd:element minOccurs="1" maxOccurs="1" name="iMaxViewers" type="xsd:int"/>
    <xsd:element minOccurs="0" maxOccurs="1" name="wsTeacherName" type="xsd:string"/>
  </xsd:sequence>
</xsd:complexType>
```

**idSession:** Contains the ID of the Windows session being associated with the station.

**eMode:** The remote control mode: 0 = allow remote control, and 1 = project session.

**iMaxViewers:** Contains the number of viewers allowed.

**wsTeacherName:** Contains the name of the person who shared the desktop.

#### 3.7.4.16.3.2 ShareDesktopResponseBody

```
<xsd:complexType name="ShareDesktopResponseBody">
  <xsd:sequence>
    <xsd:element minOccurs="0" maxOccurs="1" name="pwsInvitation" type="xsd:string"/>
  </xsd:sequence>
</xsd:complexType>
```

**pwsInvitation:** Contains the Windows Desktop Sharing invitation string to be used to enable other sessions to view the shared desktop.

### 3.7.4.17 StopIdentifyingSession Operation

The **StopIdentifyingSession** method requests that the specified Windows session stop displaying station-identification information. This operation **MUST** be authenticated by using Server Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="StopIdentifyingSession">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/StopIdentifyingSession"
    name="IMultiPointSession_StopIdentifyingSession_InputMessage"
    message="tns:IMultiPointSession_StopIdentifyingSession_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/StopIdentifyingSessionResponse"
    name="IMultiPointSession_StopIdentifyingSession_OutputMessage"
    message="tns:IMultiPointSession_StopIdentifyingSession_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointSession_StopIdentifyingSession_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.7.4.17.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointSession_StopIdentifyingSession_InputMessage	This message requests that the specified Windows session stop displaying station-identification information.
IMultiPointSession_StopIdentifyingSession_OutputMessage	Response message.
IMultiPointSession_StopIdentifyingSession_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

##### 3.7.4.17.1.1 IMultiPointSession\_StopIdentifyingSession\_InputMessage Message

A **WSDL message** containing the request for the **StopIdentifyingSession WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointSession/StopIdentifyingSession
<wsdl:message name="IMultiPointSession_StopIdentifyingSession_InputMessage">
  <wsdl:part name="StopIdentifyingSession" element="tns:StopIdentifyingSession"/>
</wsdl:message>
```

##### 3.7.4.17.1.2 IMultiPointSession\_StopIdentifyingSession\_OutputMessage Message

A **WSDL message** containing the response for the **StopIdentifyingSession WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointSession/StopIdentifyingSessionResponse
<wsdl:message name="IMultiPointSession_StopIdentifyingSession_OutputMessage">
```

```

    <wsdl:part name="StopIdentifyingSessionResponse"
    element="tns:StopIdentifyingSessionResponse"/>
  </wsdl:message>

```

### 3.7.4.17.1.3 IMultiPointSession\_StopIdentifyingSession\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **StopIdentifyingSession WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointSession_StopIdentifyingSession_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>

```

### 3.7.4.17.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<StopIdentifyingSession>	Input parameters element
<StopIdentifyingSessionResponse>	Output data element

#### 3.7.4.17.2.1 StopIdentifyingSession

```

<xsd:element name="StopIdentifyingSession">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="idSession" type="xsd:unsignedInt"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>

```

**idSession:** Contains the ID of the Windows session.

#### 3.7.4.17.2.2 StopIdentifyingSessionResponse

```

<xsd:element name="StopIdentifyingSessionResponse">
  <xsd:complexType/>
</xsd:element>

```

### 3.7.4.17.3 Complex Types

None.

### 3.7.4.18 StopLockingSession Operation

The **StopLockingSession** method requests that the server unlock the specified Windows session. This operation **MUST** be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```

<wsdl:operation name="StopLockingSession">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/StopLockingSession"
name="IMultiPointSession_StopLockingSession_InputMessage"
message="tns:IMultiPointSession_StopLockingSession_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/StopLockingSessionResponse"
name="IMultiPointSession_StopLockingSession_OutputMessage"
message="tns:IMultiPointSession_StopLockingSession_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointSession_StopLockingSession_WmsFaultType_FaultMessage"/>
</wsdl:operation>

```

### 3.7.4.18.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointSession_StopLockingSession_InputMessage	This message requests that the server unlock the specified Windows session.
IMultiPointSession_StopLockingSession_OutputMessage	Response message.
IMultiPointSession_StopLockingSession_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.7.4.18.1.1 IMultiPointSession\_StopLockingSession\_InputMessage Message

A **WSDL message** containing the request for the **StopLockingSession WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointSession/StopLockingSession
<wsdl:message name="IMultiPointSession_StopLockingSession_InputMessage">
  <wsdl:part name="StopLockingSession" element="tns:StopLockingSession"/>
</wsdl:message>

```

#### 3.7.4.18.1.2 IMultiPointSession\_StopLockingSession\_OutputMessage Message

A **WSDL message** containing the response for the **StopLockingSession WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointSession/StopLockingSessionResponse
<wsdl:message name="IMultiPointSession_StopLockingSession_OutputMessage">
  <wsdl:part name="StopLockingSessionResponse" element="tns:StopLockingSessionResponse"/>
</wsdl:message>

```

#### 3.7.4.18.1.3 IMultiPointSession\_StopLockingSession\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **StopLockingSession WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointSession_StopLockingSession_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>

```

### 3.7.4.18.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<StopLockingSession>	Input parameters element
<StopLockingSessionResponse>	Output data element

#### 3.7.4.18.2.1 StopLockingSession

```

<xsd:element name="StopLockingSession">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="idSession" type="xsd:unsignedInt"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>

```

**idSession:** Contains the ID of the Windows session.

#### 3.7.4.18.2.2 StopLockingSessionResponse

```

<xsd:element name="StopLockingSessionResponse">
  <xsd:complexType/>
</xsd:element>

```

### 3.7.4.18.3 Complex Types

None.

### 3.7.4.19 StopShareDesktop Operation

The **StopShareDesktop** method requests that the server stop sharing the desktop of the specified Windows session. This operation **MUST** be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```

<wsdl:operation name="StopShareDesktop">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/StopShareDesktop"
name="IMultiPointSession_StopShareDesktop_InputMessage"
message="tns:IMultiPointSession_StopShareDesktop_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/StopShareDesktopResponse"
name="IMultiPointSession_StopShareDesktop_OutputMessage"
message="tns:IMultiPointSession_StopShareDesktop_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointSession_StopShareDesktop_WmsFaultType_FaultMessage"/>

```

</wsdl:operation>

### 3.7.4.19.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointSession_StopShareDesktop_InputMessage	This message requests that the server stop sharing the desktop of the specified Windows session.
IMultiPointSession_StopShareDesktop_OutputMessage	Response message.
IMultiPointSession_StopShareDesktop_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.7.4.19.1.1 IMultiPointSession\_StopShareDesktop\_InputMessage Message

A **WSDL message** containing the request for the **StopShareDesktop WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointSession/StopShareDesktop
<wsdl:message name="IMultiPointSession_StopShareDesktop_InputMessage">
  <wsdl:part name="StopShareDesktop" element="tns:StopShareDesktop"/>
</wsdl:message>
```

#### 3.7.4.19.1.2 IMultiPointSession\_StopShareDesktop\_OutputMessage Message

A **WSDL message** containing the response for the **StopShareDesktop WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointSession/StopShareDesktopResponse
<wsdl:message name="IMultiPointSession_StopShareDesktop_OutputMessage">
  <wsdl:part name="StopShareDesktopResponse" element="tns:StopShareDesktopResponse"/>
</wsdl:message>
```

#### 3.7.4.19.1.3 IMultiPointSession\_StopShareDesktop\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **StopShareDesktop WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointSession_StopShareDesktop_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.7.4.19.2 Elements



The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<StopShareDesktop>	Input parameters element
<StopShareDesktopResponse>	Output data element

#### 3.7.4.19.2.1 StopShareDesktop

```
<xsd:element name="StopShareDesktop">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="idSession" type="xsd:unsignedInt"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**idSession:** Contains the ID of the Windows session.

#### 3.7.4.19.2.2 StopShareDesktopResponse

```
<xsd:element name="StopShareDesktopResponse">
  <xsd:complexType/>
</xsd:element>
```

#### 3.7.4.19.3 Complex Types

None.

#### 3.7.4.20 ViewDesktop Operation

The **ViewDesktop** method requests that the server cause a specific Windows session to view another shared Windows session. This operation **MUST** be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="ViewDesktop">
  <wsdl:input wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/ViewDesktop"
    name="IMultiPointSession_ViewDesktop_InputMessage"
    message="tns:IMultiPointSession_ViewDesktop_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/ViewDesktopResponse"
    name="IMultiPointSession_ViewDesktop_OutputMessage"
    message="tns:IMultiPointSession_ViewDesktop_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointSession_ViewDesktop_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.7.4.20.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointSession_ViewDesktop_InputMessage	This message requests that the server cause the specified Windows session to view the specified shared desktop.
IMultiPointSession_ViewDesktop_OutputMessage	Response message.
IMultiPointSession_ViewDesktop_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

### 3.7.4.20.1.1 IMultiPointSession\_ViewDesktop\_InputMessage Message

A **WSDL message** containing the request for the **ViewDesktop WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointSession/ViewDesktop
<wsdl:message name="IMultiPointSession_ViewDesktop_InputMessage">
  <wsdl:part name="ViewDesktop" element="tns:ViewDesktop"/>
</wsdl:message>
```

### 3.7.4.20.1.2 IMultiPointSession\_ViewDesktop\_OutputMessage Message

A **WSDL message** containing the response for the **ViewDesktop WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointSession/ViewDesktopResponse
<wsdl:message name="IMultiPointSession_ViewDesktop_OutputMessage">
  <wsdl:part name="ViewDesktopResponse" element="tns:ViewDesktopResponse"/>
</wsdl:message>
```

### 3.7.4.20.1.3 IMultiPointSession\_ViewDesktop\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **ViewDesktop WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointSession_ViewDesktop_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

## 3.7.4.20.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<ViewDesktop>	Input parameters element
<ViewDesktopResponse>	Output data element

### 3.7.4.20.2.1 ViewDesktop

```
<xsd:element name="ViewDesktop" type="tns:ViewDesktopRequestBody"/>
```

### 3.7.4.20.2.2 ViewDesktopResponse

```
<xsd:element name="ViewDesktopResponse" type="q1:ViewDesktopResponseBody"/>
```

### 3.7.4.20.3 Complex Types

The following table summarizes the **XML Schema** complex type definitions that are specific to this operation.

Complex type	Description
<ViewDesktopRequestBody>	XML supplying the input parameters
<ViewDesktopResponseBody>	XML supplying the output parameters

#### 3.7.4.20.3.1 ViewDesktopRequestBody

```
<xsd:complexType name="ViewDesktopRequestBody">  
  <xsd:sequence>  
    <xsd:element minOccurs="1" maxOccurs="1" name="idSession" type="xsd:unsignedInt"/>  
    <xsd:element minOccurs="0" maxOccurs="1" name="eMode" type="xsd:unsignedInt" />  
    <xsd:element minOccurs="0" maxOccurs="1" name="wsInvitation" type="xsd:string"/>  
    <xsd:element minOccurs="0" maxOccurs="1" name="wsTitle" type="xsd:string"/>  
  </xsd:sequence>  
</xsd:complexType>
```

**idSession:** Contains the ID of the Windows session to view the desktop indicated by the invitation string.

**eMode:** The remote control mode: 0 = allow remote control, and 1 = project session.

**wsInvitation:** Contains the Windows Desktop Sharing invitation string.

**wsTitle:** Contains the title of the shared desktop.

#### 3.7.4.20.3.2 ViewDesktopResponseBody

```
<xsd:complexType name="ViewDesktopResponseBody"/>
```

### 3.7.4.21 DisconnectSession Operation

The **DisconnectSession** method requests that the server disconnect a specific Windows session from its associated station. This operation **MUST** be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="DisconnectSession">  
  <wsdl:input  
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/DisconnectSession"
```

```

name="IMultiPointSession_DisconnectSession_InputMessage"
message="tns:IMultiPointSession_DisconnectSession_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/DisconnectSessionResponse"
name="IMultiPointSession_DisconnectSession_OutputMessage"
message="tns:IMultiPointSession_DisconnectSession_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointSession_DisconnectSession_WmsFaultType_FaultMessage"/>
</wsdl:operation>

```

### 3.7.4.21.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointSession_DisconnectSession_InputMessage	This message requests that the server disconnect the specified Windows session.
IMultiPointSession_DisconnectSession_OutputMessage	Response message.
IMultiPointSession_DisconnectSession_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.7.4.21.1.1 IMultiPointSession\_DisconnectSession\_InputMessage Message

A **WSDL message** containing the request for the **DisconnectSession WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointSession/DisconnectSession
<wsdl:message name="IMultiPointSession_DisconnectSession_InputMessage">
  <wsdl:part name="DisconnectSession" element="tns:DisconnectSession"/>
</wsdl:message>

```

#### 3.7.4.21.1.2 IMultiPointSession\_DisconnectSession\_OutputMessage Message

A **WSDL message** containing the response for the **DisconnectSession WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointSession/DisconnectSessionResponse
<wsdl:message name="IMultiPointSession_DisconnectSession_OutputMessage">
  <wsdl:part name="DisconnectSessionResponse" element="tns:DisconnectSessionResponse"/>
</wsdl:message>

```

#### 3.7.4.21.1.3 IMultiPointSession\_DisconnectSession\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **DisconnectSession WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/WmsFault

```

```

<wsdl:message name="IMultiPointSession_DisconnectSession_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>

```

### 3.7.4.21.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<DisconnectSession>	Input parameters element
<DisconnectSessionResponse>	Output data element

#### 3.7.4.21.2.1 DisconnectSession

```

<xsd:element name="DisconnectSession">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="idSession" type="xsd:unsignedInt"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>

```

**idSession:** Contains the ID of the Windows session being disconnected from its station.

#### 3.7.4.21.2.2 DisconnectSessionResponse

```

<xsd:element name="DisconnectSessionResponse">
  <xsd:complexType/>
</xsd:element>

```

### 3.7.4.21.3 Complex Types

None.

## 3.7.4.22 LogOffConsoleSession Operation

The **LogOffConsoleSession** method requests that the server log off the console session. This operation **MUST** be authenticated by using Server Management Credentials (section [3.4.1](#)).

```

<wsdl:operation name="LogOffConsoleSession">
  <wsdl:input>
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/LogOffConsoleSession"
    name="IMultiPointSession_LogOffConsoleSession_InputMessage"
    message="tns:IMultiPointSession_LogOffConsoleSession_InputMessage"/>
  <wsdl:output>
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/LogOffConsoleSessionResponse"
    name="IMultiPointSession_LogOffConsoleSession_OutputMessage"
    message="tns:IMultiPointSession_LogOffConsoleSession_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointSession_LogOffConsoleSession_WmsFaultType_FaultMessage"/>
</wsdl:operation>

```

### 3.7.4.22.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointSession_LogOffConsoleSession _InputMessage	This message requests that the server log off the console session.
IMultiPointSession_LogOffConsoleSession _OutputMessage	Response message.
IMultiPointSession_LogOffConsoleSession _WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.7.4.22.1.1 IMultiPointSession\_LogOffConsoleSession\_InputMessage Message

A **WSDL message** containing the request for the **LogOffConsoleSession WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointSession/LogOffConsoleSession
<wsdl:message name="IMultiPointSession_LogOffConsoleSession_InputMessage">
  <wsdl:part name="LogOffConsoleSession" element="tns:LogOffConsoleSession"/>
</wsdl:message>
```

#### 3.7.4.22.1.2 IMultiPointSession\_LogOffConsoleSession\_OutputMessage Message

A **WSDL message** containing the response for the **LogOffConsoleSession WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointSession/LogOffConsoleSessionResponse
<wsdl:message name="IMultiPointSession_LogOffConsoleSession_OutputMessage">
  <wsdl:part name="LogOffConsoleSessionResponse" element="tns:LogOffConsoleSessionResponse"/>
</wsdl:message>
```

#### 3.7.4.22.1.3 IMultiPointSession\_LogOffConsoleSession\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **LogOffConsoleSession WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointSession_LogOffConsoleSession_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.7.4.22.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<LogOffConsoleSession>	Input parameters element
<LogOffConsoleSessionResponse>	Output data element

### 3.7.4.22.2.1 LogOffConsoleSession

```
<xsd:element name="LogOffConsoleSession">
  <xsd:complexType/>
</xsd:element>
```

### 3.7.4.22.2.2 LogOffConsoleSessionResponse

```
<xsd:element name="LogOffConsoleSessionResponse">
  <xsd:complexType/>
</xsd:element>
```

### 3.7.4.22.3 Complex Types

None.

### 3.7.5 Timer Events

None.

### 3.7.6 Other Local Events

None.

## 3.8 IMultiPointStation Server Details

The IMultiPointStation endpoint provides a set of APIs that allow specific stations to be manipulated or modified.

### 3.8.1 Abstract Data Model

This section describes a conceptual model of possible data organization that an implementation maintains to participate in this algorithm. The described organization is provided to facilitate the explanation of how the algorithm behaves. This document does not mandate that implementations adhere to this model as long as their external behavior is consistent with that described in this document.

The server MUST supply an **X.509** certificate for the purpose of server identification and to be used by the client and server to encrypt **SOAP** requests/responses.

The server MUST create and securely store a random password to be used to authenticate API requests.

### 3.8.2 Timers

None.

### 3.8.3 Initialization

None.

### 3.8.4 Message Processing Events and Sequencing Rules

This protocol includes the following **WSDL operations**.

Operation	Description
BlockUsbStorageDevicesAllStations	Prevent the use of <b>universal serial bus (USB)</b> storage devices on all stations.
BlockUsbStorageDevices	Prevent the use of USB storage devices on the specified station.
GetNextStationIdentifier	Get the next valid station ID following the specified station ID.
GetStationAlertStatus	Get the current alert status for the specified station.
GetStationAutoLogonInformation	Get the current auto-logon configuration of the specified station.
GetStationDeviceInformation	Get the count of a specific device type currently attached to the specified station.
GetStationFriendlyName	Get the current friendly name of the specified station.
GetStationInformation	Get information about a station.
GetStationServerName	Get the hostname of the server configured to host the session for the specified station.
GetStationSplitScreenInformation	Get information about the split-screen state of the specified station.
IdentifyStation	Cause a station to display its station-identification information.
IsUsbStorageDeviceBlocked	Determine if the USB storage blocking feature is enabled for the specified station.
RefreshStation	Cause a station to apply any configuration changes.
RemapStations	Request that the server remap all the stations.
SetStationAutoLogon	Configure a station's auto-logon settings.
SetStationFriendlyName	Configure a station's friendly name.
SetStationServerName	Configure the hostname for the server which hosts sessions for the given station.
SplitStation	Split or unsplit the specified station's display.
StopIdentifyingStation	Stop displaying the station-identification information on the specified station.
UnblockUsbStorageDevicesAllStations	Allow the use of USB storage devices on all stations.
UnblockUsbStorageDevices	Allow the use of USB storage devices on the specified station.



### 3.8.4.1 BlockUsbStorageDevicesAllStations

The **BlockUsbStorageDevicesAllStations** method requests that the server prevent USB storage devices from being accessed on all stations. [<22>](#) This operation **MUST** be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="BlockUsbStorageDevicesAllStations">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/BlockUsbStorageDevicesAllS
tations" name="IMultiPointStation_BlockUsbStorageDevicesAllStations_InputMessage"
message="tns:IMultiPointStation_BlockUsbStorageDevicesAllStations_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/BlockUsbStorageDevicesAllS
tationsResponse" name="IMultiPointStation_BlockUsbStorageDevicesAllStations_OutputMessage"
message="tns:IMultiPointStation_BlockUsbStorageDevicesAllStations_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointStation_BlockUsbStorageDevicesAllStations_WmsFaultType_FaultMessage"/
>
</wsdl:operation>
```

#### 3.8.4.1.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointStation_BlockUsbStorageDevicesAllStations_InputMessage	This message requests the server to prevent all stations from accessing USB storage devices.
IMultiPointStation_BlockUsbStorageDevicesAllStations_OutputMessage	Response message.
IMultiPointStation_BlockUsbStorageDevicesAllStations_WmsFaultType_FaultMessage	This message contains the internal server failure status code, if one occurs.

##### 3.8.4.1.1.1 IMultiPointStation\_BlockUsbStorageDevicesAllStations\_InputMessage Message

A **WSDL message** containing the request for the **BlockUsbStorageDevicesAllStations WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointStation/BlockUsbStorageDevicesAllStations
<wsdl:message name="IMultiPointStation_BlockUsbStorageDevicesAllStations_InputMessage">
  <wsdl:part name="BlockUsbStorageDevicesAllStations"
element="tns:BlockUsbStorageDevicesAllStations"/>
</wsdl:message>
```

##### 3.8.4.1.1.2 IMultiPointStation\_BlockUsbStorageDevicesAllStations\_OutputMessage Message

A **WSDL message** containing the response for the **BlockUsbStorageDevicesAllStations WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointStation/BlockUsbStorageDevicesAllStationsResponse
<wsdl:message name="IMultiPointStation BlockUsbStorageDevicesAllStations OutputMessage">
  <wsdl:part name="BlockUsbStorageDevicesAllStationsResponse" element="tns:BlockUsbStorageDevicesAllStationsResponse"/>
</wsdl:message>
```

### 3.8.4.1.1.3 IMultiPointStation\_BlockUsbStorageDevicesAllStations\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **BlockUsbStorageDevicesAllStations WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message
name="IMultiPointStation_BlockUsbStorageDevicesAllStations_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.8.4.1.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<BlockUsbStorageDevicesAllStations>	An input parameter element
<BlockUsbStorageDevicesAllStationsResponse>	An output data element

#### 3.8.4.1.2.1 BlockUsbStorageDevicesAllStations

```
<xsd:element name="BlockUsbStorageDevicesAllStations">
  <xsd:complexType/>
</xsd:element>
```

#### 3.8.4.1.2.2 BlockUsbStorageDevicesAllStationsResponse

```
<xsd:element name="BlockUsbStorageDevicesAllStationsResponse">
  <xsd:complexType/>
</xsd:element>
```

#### 3.8.4.1.3 Complex Types

None.

### 3.8.4.2 BlockUsbStorageDevices

The **BlockUsbStorageDevices** method requests that the server prevent USB storage devices from being accessed from the specified station. <23> This operation MUST be authenticated by using either the Server Management Credentials or the Server Control Credentials (section 3.4.1).

```
<wsdl:operation name="BlockUsbStorageDevices">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/BlockUsbStorageDevices"
name="IMultiPointStation_BlockUsbStorageDevices_InputMessage"
message="tns:IMultiPointStation_BlockUsbStorageDevices_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/BlockUsbStorageDevicesResp
onse" name="IMultiPointStation_BlockUsbStorageDevices_OutputMessage"
message="tns:IMultiPointStation_BlockUsbStorageDevices_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointStation_BlockUsbStorageDevices_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.8.4.2.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointStation_BlockUsbStorageDevices_InputMessage	This message requests the server to prevent the specified station from accessing USB storage devices.
IMultiPointStation_BlockUsbStorageDevices_OutputMessage	Response message.
IMultiPointStation_BlockUsbStorageDevices_WmsFaultType_FaultMessage	This message contains the internal server failure status code, if one occurs.

##### 3.8.4.2.1.1 IMultiPointStation\_BlockUsbStorageDevices\_InputMessage Message

A **WSDL message** containing the request for the **BlockUsbStorageDevices WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointStation/BlockUsbStorageDevices
<wsdl:message name="IMultiPointStation_BlockUsbStorageDevices_InputMessage">
  <wsdl:part name="BlockUsbStorageDevices" element="tns:BlockUsbStorageDevices"/>
</wsdl:message>
```

##### 3.8.4.2.1.2 IMultiPointStation\_BlockUsbStorageDevices\_OutputMessage Message

A **WSDL message** containing the response for the **BlockUsbStorageDevices WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointStation/BlockUsbStorageDevicesResponse
<wsdl:message name="IMultiPointStation_BlockUsbStorageDevices_OutputMessage">
  <wsdl:part name="BlockUsbStorageDevicesResponse"
element="tns:BlockUsbStorageDevicesResponse"/>
```

```
</wsdl:message>
```

### 3.8.4.2.1.3 IMultiPointStation\_BlockUsbStorageDevices\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **BlockUsbStorageDevices WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointStation_BlockUsbStorageDevices_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.8.4.2.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<BlockUsbStorageDevices>	An input parameter element
<BlockUsbStorageDevicesResponse>	An output data element

#### 3.8.4.2.2.1 BlockUsbStorageDevices

```
<xsd:element name="BlockUsbStorageDevices">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="idStation" type="xsd:unsignedInt" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**idStation:** Contains the ID of the **MultiPoint Station**. This is an unsigned integer with a range of 1–n, where n is the number of stations currently available on the server.

#### 3.8.4.2.2.2 BlockUsbStorageDevicesResponse

```
<xsd:element name="BlockUsbStorageDevicesResponse">
  <xsd:complexType/>
</xsd:element>
```

#### 3.8.4.2.3 Complex Types

None.

### 3.8.4.3 GetDisplayRotation Operation

The **GetDisplayRotation** method requests that the server return the current display rotation position for the display attached to the specified station. [<24>](#) This operation **MUST** be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="GetDisplayRotation">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/GetDisplayRotation"
name="IMultiPointStation_GetDisplayRotation_InputMessage"
message="tns:IMultiPointStation_GetDisplayRotation_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/GetDisplayRotationResponse"
name="IMultiPointStation_GetDisplayRotation_OutputMessage"
message="tns:IMultiPointStation_GetDisplayRotation_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointStation_GetDisplayRotation_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.8.4.3.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointStation_GetDisplayRotation_InputMessage	This message requests the current display rotation position.
IMultiPointStation_GetDisplayRotation_OutputMessage	Response message.
IMultiPointStation_GetDisplayRotation_WmsFaultType_FaultMessage	This message contains the internal server failure status code, if one occurs.

##### 3.8.4.3.1.1 IMultiPointStation\_GetDisplayRotation\_InputMessage Message

A **WSDL message** containing the request for the **GetDisplayRotation WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointStation/GetDisplayRotation
<wsdl:message name="IMultiPointStation_GetDisplayRotation_InputMessage">
  <wsdl:part name="GetDisplayRotation" element="tns:GetDisplayRotation"/>
</wsdl:message>
```

##### 3.8.4.3.1.2 IMultiPointStation\_GetDisplayRotation\_OutputMessage Message

A **WSDL message** containing the response for the **GetDisplayRotation WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointStation/GetDisplayRotationResponse
<wsdl:message name="IMultiPointStation_GetDisplayRotation_OutputMessage">
  <wsdl:part name="GetDisplayRotationResponse" element="tns:GetDisplayRotationResponse"/>
</wsdl:message>
```

### 3.8.4.3.1.3 IMultiPointStation\_GetDisplayRotation\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **GetDisplayRotation WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointStation_GetDisplayRotation_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.8.4.3.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<GetDisplayRotation>	An input parameter element
<GetDisplayRotationResponse>	An output data element

#### 3.8.4.3.2.1 GetDisplayRotation

```
<xsd:element name="GetDisplayRotation">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="idStation" type="xsd:unsignedInt" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**idStation:** Contains the ID of the **MultiPoint Station**. This is an unsigned integer with a range of 1–n, where n is the number of stations currently available on the server

#### 3.8.4.3.2.2 GetDisplayRotationResponse

```
<xsd:element name="GetDisplayRotationResponse">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="peDisplayRotation"
type="xsd:unsignedInt" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**peDisplayRotation:** Specifies the degrees to rotate. This is an unsigned integer; valid values are 0, 90, 180, and 270.

#### 3.8.4.3.3 Complex Types

None.

### 3.8.4.4 GetNextStationIdentifier Operation

The **GetNextStationIdentifier** method requests the next valid station ID following the specified station ID. This operation **MUST** be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="GetNextStationIdentifier">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/GetNextStationIdentifier"
name="IMultiPointStation_GetNextStationIdentifier_InputMessage"
message="tns:IMultiPointStation_GetNextStationIdentifier_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/GetNextStationIdentifierRe
sponse" name="IMultiPointStation_GetNextStationIdentifier_OutputMessage"
message="tns:IMultiPointStation_GetNextStationIdentifier_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointStation_GetNextStationIdentifier_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.8.4.4.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointStation_GetNextStationIdentifier_InputMessage	This message requests the next valid station ID.
IMultiPointStation_GetNextStationIdentifier_OutputMessage	This message contains the next valid station ID.
IMultiPointStation_GetNextStationIdentifier_WmsFaultType_FaultMessage	This message contains the internal server failure status code, if one occurs.

##### 3.8.4.4.1.1 IMultiPointStation\_GetNextStationIdentifier\_InputMessage Message

A **WSDL message** containing the request for the **GetNextStationIdentifier WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointStation/GetNextStationIdentifier
<wsdl:message name="IMultiPointStation_GetNextStationIdentifier_InputMessage">
  <wsdl:part name="GetNextStationIdentifier" element="tns:GetNextStationIdentifier"/>
</wsdl:message>
```

##### 3.8.4.4.1.2 IMultiPointStation\_GetNextStationIdentifier\_OutputMessage Message

A **WSDL message** containing the response for the **GetNextStationIdentifier WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointStation/GetNextStationIdentifierResponse
<wsdl:message name="IMultiPointStation_GetNextStationIdentifier_OutputMessage">
  <wsdl:part name="GetNextStationIdentifierResponse"
element="tns:GetNextStationIdentifierResponse"/>
```

```
</wsdl:message>
```

### 3.8.4.4.1.3 IMultiPointStation\_GetNextStationIdentifier\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **GetNextStationIdentifier WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointStation_GetNextStationIdentifier_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.8.4.4.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<GetNextStationIdentifier>	An input parameter element
<GetNextStationIdentifierResponse>	An output data element

#### 3.8.4.4.2.1 GetNextStationIdentifier

```
<xsd:element name="GetNextStationIdentifier">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="idStation" type="xsd:unsignedInt"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**idStation:** Contains the ID of the **MultiPoint Station**. This is an unsigned integer with a range of 1–n, where n is the number of stations currently available on the server.

#### 3.8.4.4.2.2 GetNextStationIdentifierResponse

```
<xsd:element name="GetNextStationIdentifierResponse">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="0" maxOccurs="1" name="pidNextStation" type="xsd:unsignedInt"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**pidNextStation:** Contains the next available station ID.

### 3.8.4.4.3 Complex Types

None.



### 3.8.4.5 GetStationAlertStatus Operation

The **GetStationAlertStatus** method requests the current alert status for a specific station. This operation **MUST** be authenticated by using Server Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="GetStationAlertStatus">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationAlertStatus"
    name="IMultiPointStation_GetStationAlertStatus_InputMessage"
    message="tns:IMultiPointStation_GetStationAlertStatus_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationAlertStatusResponse"
    name="IMultiPointStation_GetStationAlertStatus_OutputMessage"
    message="tns:IMultiPointStation_GetStationAlertStatus_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointStation_GetStationAlertStatus_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.8.4.5.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointStation_GetStationAlertStatus_InputMessage	This message requests the alert status associated with a specific station.
IMultiPointStation_GetStationAlertStatus_OutputMessage	This message contains the alert status associated with the specified station.
IMultiPointStation_GetStationAlertStatus_WmsFaultType_FaultMessage	This message contains the internal server failure status code, if one occurs.

##### 3.8.4.5.1.1 IMultiPointStation\_GetStationAlertStatus\_InputMessage Message

A **WSDL message** containing the request for the **GetStationAlertStatus WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationAlertStatus
<wsdl:message name="IMultiPointStation_GetStationAlertStatus_InputMessage">
  <wsdl:part name="GetStationAlertStatus" element="tns:GetStationAlertStatus"/>
</wsdl:message>
```

##### 3.8.4.5.1.2 IMultiPointStation\_GetStationAlertStatus\_OutputMessage Message

A **WSDL message** containing the response for the **GetStationAlertStatus WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationAlertStatusResponse
<wsdl:message name="IMultiPointStation_GetStationAlertStatus_OutputMessage">
  <wsdl:part name="GetStationAlertStatusResponse"
    element="tns:GetStationAlertStatusResponse"/>
</wsdl:message>
```

### 3.8.4.5.1.3 IMultiPointStation\_GetStationAlertStatus\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **GetStationAlertStatus WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointStation_GetStationAlertStatus_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.8.4.5.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<GetStationAlertStatus>	An input parameter element
<GetStationAlertStatusResponse>	An output data element

#### 3.8.4.5.2.1 GetStationAlertStatus

```
<xsd:element name="GetStationAlertStatus">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="idStation" type="xsd:unsignedInt"/>
      <xsd:element minOccurs="1" maxOccurs="1" name="eType" type="xsd:unsignedInt"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**idStation:** Contains the ID of the **MultiPoint Station**. This is an unsigned integer with a range of 1–n, where n is the number of stations currently available on the server.

**eType:** Contains the type of alert; the following are possible values:

Value	Meaning
0	Hub missing required device
1	Auto-logon credential failed
2	Wait for services time-out
3	Wait for connection time-out

#### 3.8.4.5.2.2 GetStationAlertStatusResponse

```
<xsd:element name="GetStationAlertStatusResponse">
```

```

<xsd:complexType>
  <xsd:sequence>
    <xsd:element minOccurs="0" maxOccurs="1" name="peSeverity" type="xsd:unsignedInt"/>
    <xsd:element minOccurs="0" maxOccurs="1" name="peStatus" type="xsd:unsignedInt"/>
  </xsd:sequence>
</xsd:complexType>
</xsd:element>

```

**peSeverity:** Contains the alert severity; the following are possible values:

Value	Meaning
0	Unknown
1	Yellow alert
2	Red alert
3	Fatal alert

**peStatus:** Contains the status of the alert; the following are possible values:

Value	Meaning
0	Alert cleared
1	Alert set
2	No change

### 3.8.4.5.3 Complex Types

None.

### 3.8.4.6 GetStationAutoLogonInformation Operation

The **GetStationAutoLogonInformation** method requests the current auto-logon configuration settings for a specific station. This operation **MUST** be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```

<wsdl:operation name="GetStationAutoLogonInformation">
  <wsdl:input>
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationAutoLogonInformation" name="IMultiPointStation_GetStationAutoLogonInformation_InputMessage"
    message="tns:IMultiPointStation_GetStationAutoLogonInformation_InputMessage"/>
  <wsdl:output>
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationAutoLogonInformationResponse" name="IMultiPointStation_GetStationAutoLogonInformation_OutputMessage"
    message="tns:IMultiPointStation_GetStationAutoLogonInformation_OutputMessage"/>
    <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointStation_GetStationAutoLogonInformation_WmsFaultType_FaultMessage"/>
  </wsdl:output>
</wsdl:operation>

```

#### 3.8.4.6.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointStation_GetStationAutoLogonInformation_InputMessage	This message requests the auto-logon settings for the specified station.
IMultiPointStation_GetStationAutoLogonInformation_OutputMessage	This message contains the current auto-logon settings for the specified station.
IMultiPointStation_GetStationAutoLogonInformation_WmsFaultType_FaultMessage	This message contains the internal server failure status code, if one occurs.

### 3.8.4.6.1.1 IMultiPointStation\_GetStationAutoLogonInformation\_InputMessage Message

A **WSDL message** containing the request for the **GetStationAutoLogonInformation WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationAutoLogonInformation
<wsdl:message name="IMultiPointStation_GetStationAutoLogonInformation_InputMessage">
  <wsdl:part name="GetStationAutoLogonInformation"
  element="tns:GetStationAutoLogonInformation"/>
</wsdl:message>
```

### 3.8.4.6.1.2 IMultiPointStation\_GetStationAutoLogonInformation\_OutputMessage Message

A **WSDL message** containing the response for the **GetStationAutoLogonInformation WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationAutoLogonInformationResponse
<wsdl:message name="IMultiPointStation_GetStationAutoLogonInformation_OutputMessage">
  <wsdl:part name="GetStationAutoLogonInformationResponse"
  element="tns:GetStationAutoLogonInformationResponse"/>
</wsdl:message>
```

### 3.8.4.6.1.3 IMultiPointStation\_GetStationAutoLogonInformation\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **GetStationAutoLogonInformation WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message
name="IMultiPointStation_GetStationAutoLogonInformation_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.8.4.6.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<GetStationAutoLogonInformation>	An input parameter element
<GetStationAutoLogonInformationResponse>	An output data element

#### 3.8.4.6.2.1 GetStationAutoLogonInformation

```
<xsd:element name="GetStationAutoLogonInformation"
type="tns:GetStationAutoLogonInformationRequestBody"/>
```

#### 3.8.4.6.2.2 GetStationAutoLogonInformationResponse

```
<xsd:element name="GetStationAutoLogonInformationResponse"
type="tns:GetStationAutoLogonInformationResponseBody"/>
```

### 3.8.4.6.3 Complex Types

The following table summarizes the **XML Schema** complex type element definitions that are specific to this operation.

Complex type	Description
<GetStationAutoLogonInformationRequestBody>	XML supplying the input parameters
<GetStationAutoLogonInformationResponseBody>	XML supplying the output parameters

#### 3.8.4.6.3.1 GetStationAutoLogonInformationRequestBody

```
<xsd:complexType name="GetStationAutoLogonInformationRequestBody">
  <xsd:sequence>
    <xsd:element minOccurs="1" maxOccurs="1" name="idStation" type="xsd:unsignedInt"/>
  </xsd:sequence>
</xsd:complexType>
```

**idStation:** Contains the ID of the **MultiPoint Station**. This is an unsigned integer with a range of 1–n, where n is the number of stations currently available on the server.

#### 3.8.4.6.3.2 GetStationAutoLogonInformationResponseBody

```
<xsd:complexType name="GetStationAutoLogonInformationResponseBody">
  <xsd:sequence>
    <xsd:element minOccurs="0" maxOccurs="1" name="peConfiguration" type="xsd:unsignedInt"/>
    <xsd:element minOccurs="0" maxOccurs="1" name="pbstrUserName" type="xsd:string"/>
    <xsd:element minOccurs="0" maxOccurs="1" name="pbstrDomain" type="xsd:string"/>
  </xsd:sequence>
</xsd:complexType>
```

**peConfiguration:** Contains the logon setting: 0 = manual logon, or 1 = auto-logon.

**pbstrUserName:** Contains the user name to be used to auto-logon to the station.

**pbstrDomain:** Contains the domain to be used to auto-logon to the station.

### 3.8.4.7 GetStationDeviceInformation Operation

The **GetStationDeviceInformation** method requests the count of a specific type of device that is currently attached to the specified station. This operation **MUST** be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="GetStationDeviceInformation">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationDeviceInformation"
    name="IMultiPointStation_GetStationDeviceInformation_InputMessage"
    message="tns:IMultiPointStation_GetStationDeviceInformation_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationDeviceInformationResponse"
    name="IMultiPointStation_GetStationDeviceInformation_OutputMessage"
    message="tns:IMultiPointStation_GetStationDeviceInformation_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointStation_GetStationDeviceInformation_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.8.4.7.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointStation_GetStationDeviceInformation_InputMessage	This message requests the number of devices of a specific type attached to the specified station.
IMultiPointStation_GetStationDeviceInformation_OutputMessage	This message contains the count of devices currently attached.
IMultiPointStation_GetStationDeviceInformation_WmsFaultType_FaultMessage	This message contains the internal server failure status code, if one occurs.

##### 3.8.4.7.1.1 IMultiPointStation\_GetStationDeviceInformation\_InputMessage Message

A **WSDL message** containing the request for the **GetStationDeviceInformation WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationDeviceInformation
<wsdl:message name="IMultiPointStation_GetStationDeviceInformation_InputMessage">
  <wsdl:part name="GetStationDeviceInformation" element="tns:GetStationDeviceInformation"/>
</wsdl:message>
```

### 3.8.4.7.1.2 IMultiPointStation\_GetStationDeviceInformation\_OutputMessage Message

A **WSDL message** containing the response for the **GetStationDeviceInformation WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationDeviceInformationResponse
<wsdl:message name="IMultiPointStation_GetStationDeviceInformation_OutputMessage">
  <wsdl:part name="GetStationDeviceInformationResponse"
    element="tns:GetStationDeviceInformationResponse"/>
</wsdl:message>
```

### 3.8.4.7.1.3 IMultiPointStation\_GetStationDeviceInformation\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **GetStationDeviceInformation WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message
  name="IMultiPointStation_GetStationDeviceInformation_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.8.4.7.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<GetStationDeviceInformation>	An input parameter element
<GetStationDeviceInformationResponse>	An output data element

#### 3.8.4.7.2.1 GetStationDeviceInformation

```
<xsd:element name="GetStationDeviceInformation">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="idStation" type="xsd:unsignedInt"/>
      <xsd:element minOccurs="1" maxOccurs="1" name="eType" type="xsd:unsignedInt"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**idStation:** Contains the ID of the **MultiPoint Station**. This is an unsigned integer with a range of 1–n, where n is the number of stations currently available on the server.

**eType:** Contains the type of device the request is for, with the following possible values:

Value	Meaning
0	unknown
1	keyboard
2	mouse
3	audio
4	consumer control
5	volume
6	image
7	hid
8	usb hub
9	usb root hub
10	usb composite hub
11	monitor
12	disk drive
13	host controller
14	mass storage device
15	usb device
16	unfiltered keyboard
17	unfiltered mouse
18	unfiltered volume
19	unfiltered image
20	redirected usb
21	virtual gpu
22	touch screen

### 3.8.4.7.2.2 GetStationDeviceInformationResponse

```

<xsd:element name="GetStationDeviceInformationResponse">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="0" maxOccurs="1" name="pdwDeviceCount" type="xsd:unsignedInt"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>

```

**pdwDeviceCount:** Contains the number of devices of the specified type attached to the station.

### 3.8.4.7.3 Complex Types



None.

### 3.8.4.8 GetStationFriendlyName Operation

The **GetStationFriendlyName** method requests the friendly name associated with the specified station. This operation **MUST** be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="GetStationFriendlyName">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationFriendlyName"
    name="IMultiPointStation_GetStationFriendlyName_InputMessage"
    message="tns:IMultiPointStation_GetStationFriendlyName_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationFriendlyNameResp
onse" name="IMultiPointStation_GetStationFriendlyName_OutputMessage"
    message="tns:IMultiPointStation_GetStationFriendlyName_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointStation_GetStationFriendlyName_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.8.4.8.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointStation_GetStationFriendlyName_InputMessage	This message requests the friendly name associated with a station
IMultiPointStation_GetStationFriendlyName_OutputMessage	This message contains the friendly name associated with the specified station
IMultiPointStation_GetStationFriendlyName_WmsFaultType_FaultMessage	This message contains the internal server failure status code, if one occurs

##### 3.8.4.8.1.1 IMultiPointStation\_GetStationFriendlyName\_InputMessage Message

A **WSDL message** containing the request for the **GetStationFriendlyName WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationFriendlyName
<wsdl:message name="IMultiPointStation_GetStationFriendlyName_InputMessage">
  <wsdl:part name="GetStationFriendlyName" element="tns:GetStationFriendlyName"/>
</wsdl:message>
```

##### 3.8.4.8.1.2 IMultiPointStation\_GetStationFriendlyName\_OutputMessage Message

A **WSDL message** containing the response for the **GetStationFriendlyName WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationFriendlyNameResponse
```

```

<wsdl:message name="IMultiPointStation_GetStationFriendlyName_OutputMessage">
  <wsdl:part name="GetStationFriendlyNameResponse"
    element="tns:GetStationFriendlyNameResponse"/>
</wsdl:message>

```

### 3.8.4.8.1.3 IMultiPointStation\_GetStationFriendlyName\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **GetStationFriendlyName WSDL operation**.

The **SOAP action** value is as follows:

```

http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointStation_GetStationFriendlyName_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>

```

### 3.8.4.8.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<GetStationFriendlyName>	An input parameter element
<GetStationFriendlyNameResponse>	An output data element

#### 3.8.4.8.2.1 GetStationFriendlyName

```

<xsd:element name="GetStationFriendlyName" type="tns:GetStationFriendlyNameRequestBody"/>

```

#### 3.8.4.8.2.2 GetStationFriendlyNameResponse

```

<xsd:element name="GetStationFriendlyNameResponse"
  type="tns:GetStationFriendlyNameResponseBody"/>

```

### 3.8.4.8.3 Complex Types

The following table summarizes the **XML Schema** complex type element definitions that are specific to this operation.

Complex type	Description
<GetStationFriendlyNameRequestBody>	XML supplying the input parameters
<GetStationFriendlyNameResponseBody>	XML supplying the output parameters

#### 3.8.4.8.3.1 GetStationFriendlyNameRequestBody

```

<xsd:complexType name="GetStationFriendlyNameRequestBody">
  <xsd:sequence>

```

```

    <xsd:element minOccurs="1" maxOccurs="1" name="idStation" type="xsd:unsignedInt"/>
  </xsd:sequence>
</xsd:complexType>

```

**idStation:** Contains the ID of the **MultiPoint Station**. This is an unsigned integer with a range of 1–n, where n is the number of stations currently available on the server.

### 3.8.4.8.3.2 GetStationFriendlyNameResponseBody

```

<xsd:complexType name="GetStationFriendlyNameResponseBody">
  <xsd:sequence>
    <xsd:element minOccurs="0" maxOccurs="1" name="pwsFriendlyName" type="xsd:string"/>
  </xsd:sequence>
</xsd:complexType>

```

**pwsFriendlyName:** Contains the friendly name associated with the station.

### 3.8.4.9 GetStationInformation Operation

The **GetStationInformation** method requests information from the server about the specified station. This operation **MUST** be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```

<wsdl:operation name="GetStationInformation">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationInformation"
    name="IMultiPointStation_GetStationInformation_InputMessage"
    message="tns:IMultiPointStation_GetStationInformation_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationInformationResponse"
    name="IMultiPointStation_GetStationInformation_OutputMessage"
    message="tns:IMultiPointStation_GetStationInformation_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointStation_GetStationInformation_WmsFaultType_FaultMessage"/>
</wsdl:operation>

```

#### 3.8.4.9.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointStation_GetStationInformation_InputMessage	This message requests information about a specific station.
IMultiPointStation_GetStationInformation_OutputMessage	This message contains the information about the specified station.
IMultiPointStation_GetStationInformation_WmsFaultType_FaultMessage	This message contains the internal server failure status code, if one occurs

#### 3.8.4.9.1.1 IMultiPointStation\_GetStationInformation\_InputMessage Message

A **WSDL message** containing the request for the **GetStationInformation WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationInformation
<wsdl:message name="IMultiPointStation_GetStationInformation_InputMessage">
  <wsdl:part name="GetStationInformation" element="tns:GetStationInformation"/>
</wsdl:message>
```

### 3.8.4.9.1.2 IMultiPointStation\_GetStationInformation\_OutputMessage Message

A **WSDL message** containing the response for the **GetStationInformation WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationInformationResponse
<wsdl:message name="IMultiPointStation_GetStationInformation_OutputMessage">
  <wsdl:part name="GetStationInformationResponse"
  element="tns:GetStationInformationResponse"/>
</wsdl:message>
```

### 3.8.4.9.1.3 IMultiPointStation\_GetStationInformation\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **GetStationInformation WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointStation_GetStationInformation_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.8.4.9.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<GetStationInformation>	An input parameter element
<GetStationInformationResponse>	An output data element

#### 3.8.4.9.2.1 GetStationInformation

```
<xsd:element name="GetStationInformation" type="tns:GetStationInformationRequestBody"/>
```

#### 3.8.4.9.2.2 GetStationInformationResponse

```
<xsd:element name="GetStationInformationResponse"
type="tns:GetStationInformationResponseBody"/>
```

### 3.8.4.9.3 Complex Types

The following table summarizes the **XML Schema** complex type element definitions that are specific to this operation.

Complex type	Description
<GetStationInformationRequestBody>	XML supplying the input parameters
<GetStationInformationResponseBody>	XML supplying the output parameters

#### 3.8.4.9.3.1 GetStationInformationRequestBody

```
<xsd:complexType name="GetStationInformationRequestBody">  
  <xsd:sequence>  
    <xsd:element minOccurs="1" maxOccurs="1" name="idStation" type="xsd:unsignedInt"/>  
  </xsd:sequence>  
</xsd:complexType>
```

**idStation:** Contains the ID of the **MultiPoint Station**. This is an unsigned integer with a range of 1–n, where n is the number of stations currently available on the server.

#### 3.8.4.9.3.2 GetStationInformationResponseBody

```
<xsd:complexType name="GetStationInformationResponseBody">  
  <xsd:sequence>  
    <xsd:element minOccurs="0" maxOccurs="1" name="pidSession" type="xsd:unsignedInt"/>  
    <xsd:element minOccurs="0" maxOccurs="1" name="pwsSessionHost" type="xsd:string"/>  
    <xsd:element minOccurs="0" maxOccurs="1" name="pwsVirtualMachineId" type="xsd:string"/>  
    <xsd:element minOccurs="0" maxOccurs="1" name="peIdentifyStationState"  
type="xsd:unsignedInt"/>  
    <xsd:element minOccurs="0" maxOccurs="1" name="peState" type="xsd:unsignedInt"/>  
  </xsd:sequence>  
</xsd:complexType>
```

**pidSession:** Contains the ID of the remote desktop session being associated with the station.

**pwsSessionHost:** Contains the host name of the machine hosting the session associated with the station.

**pwsVirtualMachineId:** Contains the host name of the virtual machine hosting the session (if any).

**peIdentifyStationState:** Contains the station-identification state: 0 = normal session displayed, or 1 = station-identification information displayed.

**peState:** Contains the state, with the following possible values:

Value	Meaning
0	Invalid
1	Not Present
2	Idle
3	Connecting
4	Active

Value	Meaning
5	Blocked

### 3.8.4.10 GetStationServerName Operation

The **GetStationServerName** method requests that the server return the server names associated with the specified station. This operation MUST be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="GetStationServerName">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationServerName"
    name="IMultiPointStation_GetStationServerName_InputMessage"
    message="tns:IMultiPointStation_GetStationServerName_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationServerNameResponse"
    name="IMultiPointStation_GetStationServerName_OutputMessage"
    message="tns:IMultiPointStation_GetStationServerName_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointStation_GetStationServerName_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.8.4.10.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointStation_GetStationServerName_InputMessage	This message requests information about the host names associated with the specified station.
IMultiPointStation_GetStationServerName_OutputMessage	Response message.
IMultiPointStation_GetStationServerName_WmsFaultType_FaultMessage	This message contains the internal server failure status code, if one occurs.

##### 3.8.4.10.1.1 IMultiPointStation\_GetStationServerName\_InputMessage Message

A **WSDL message** containing the request for the **GetStationServerName WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationServerName
<wsdl:message name="IMultiPointStation_GetStationServerName_InputMessage">
  <wsdl:part name="GetStationServerName" element="tns:GetStationServerName"/>
</wsdl:message>
```

##### 3.8.4.10.1.2 IMultiPointStation\_GetStationServerName\_OutputMessage Message

A **WSDL message** containing the response for the **GetStationServerName WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationServerNameResponse
<wsdl:message name="IMultiPointStation_GetStationServerName_OutputMessage">
  <wsdl:part name="GetStationServerNameResponse" element="tns:GetStationServerNameResponse"/>
</wsdl:message>
```

### 3.8.4.10.1.3 IMultiPointStation\_GetStationServerName\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **GetStationServerName WSDL operation**.

The SOAP action value is as follows:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointStation_GetStationServerName_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.8.4.10.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<GetStationServerName>	An input parameter element
<GetStationServerNameResponse>	An output data element

#### 3.8.4.10.2.1 GetStationServerName

```
<xsd:element name="GetStationServerName" type="tns:GetStationServerNameRequestBody"/>
```

#### 3.8.4.10.2.2 GetStationServerNameResponse

```
<xsd:element name="GetStationServerNameResponse"
type="tns:GetStationServerNameResponseBody"/>
```

### 3.8.4.10.3 Complex Types

The following table summarizes the **XML Schema** complex type element definitions that are specific to this operation.

Complex type	Description
<GetStationServerNameRequestBody>	XML supplying the input parameters
<GetStationServerNameResponseBody>	XML supplying the output parameters

#### 3.8.4.10.3.1 GetStationServerNameRequestBody

```

<xsd:complexType name="GetStationServerNameRequestBody">
  <xsd:sequence>
    <xsd:element minOccurs="1" maxOccurs="1" name="idStation" type="xsd:unsignedInt"/>
  </xsd:sequence>
</xsd:complexType>

```

**idStation:** Contains the ID of the **MultiPoint Station**. This is an unsigned integer with a range of 1–n, where n is the number of stations currently available on the server.

### 3.8.4.10.3.2 GetStationServerNameResponseBody

```

<xsd:complexType name="GetStationServerNameResponseBody">
  <xsd:sequence>
    <xsd:element minOccurs="0" maxOccurs="1" name="pwsServerName" type="xsd:string"/>
    <xsd:element minOccurs="0" maxOccurs="1" name="pwsVirtualMachineName" type="xsd:string"/>
  </xsd:sequence>
</xsd:complexType>

```

**pwsServerName:** Contains the host name of the server hosting the station.

**pwsVirtualMachineName:** Contains the host name of a virtual machine hosting the station (if any).

### 3.8.4.11 GetStationSplitScreenInformation Operation

The **GetStationSplitScreenInformation** method gets information about the split-screen state of the specified station. This operation **MUST** be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```

<wsdl:operation name="GetStationSplitScreenInformation">
  <wsdl:input>
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationSplitScreenInformation" name="IMultiPointStation_GetStationSplitScreenInformation_InputMessage"
    message="tns:IMultiPointStation_GetStationSplitScreenInformation_InputMessage"/>
  <wsdl:output>
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationSplitScreenInformationResponse" name="IMultiPointStation_GetStationSplitScreenInformation_OutputMessage"
    message="tns:IMultiPointStation_GetStationSplitScreenInformation_OutputMessage"/>
    <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointStation_GetStationSplitScreenInformation_WmsFaultType_FaultMessage"/>
  </wsdl:output>
</wsdl:operation>

```

#### 3.8.4.11.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointStation_GetStationSplitScreenInformation_InputMessage	This message requests information about a split station display.
IMultiPointStation_GetStationSplitScreenInformation_OutputMessage	Response message.
IMultiPointStation_GetStationSplitScreenInformation_WmsFaultType_FaultMessage	This message contains the internal server failure status code, if one occurs.



### 3.8.4.11.1.1 IMultiPointStation\_GetStationSplitScreenInformation\_InputMessage Message

A **WSDL message** containing the request for the **GetStationSplitScreenInformation WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationSplitScreenInformation
<wsdl:message name="IMultiPointStation_GetStationSplitScreenInformation_InputMessage">
  <wsdl:part name="GetStationSplitScreenInformation"
  element="tns:GetStationSplitScreenInformation"/>
</wsdl:message>
```

### 3.8.4.11.1.2 IMultiPointStation\_GetStationSplitScreenInformation\_OutputMessage Message

A **WSDL message** containing the response for the **GetStationSplitScreenInformation WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationSplitScreenInformationResponse
<wsdl:message name="IMultiPointStation_GetStationSplitScreenInformation_OutputMessage">
  <wsdl:part name="GetStationSplitScreenInformationResponse"
  element="tns:GetStationSplitScreenInformationResponse"/>
</wsdl:message>
```

### 3.8.4.11.1.3 IMultiPointStation\_GetStationSplitScreenInformation\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **GetStationSplitScreenInformation WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message
  name="IMultiPointStation_GetStationSplitScreenInformation_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

## 3.8.4.11.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<GetStationSplitScreenInformation>	An input parameter element
<GetStationSplitScreenInformationResponse>	An output data element

### 3.8.4.11.2.1 GetStationSplitScreenInformation

```

<xsd:element name="GetStationSplitScreenInformation">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="idStation" type="xsd:unsignedInt"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>

```

**idStation:** Contains the ID of the **MultiPoint Station**. This is an unsigned integer with a range of 1–n, where n is the number of stations currently available on the server.

### 3.8.4.11.2.2 GetStationSplitScreenInformationResponse

```

<xsd:element name="GetStationSplitScreenInformationResponse">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="0" maxOccurs="1" name="pidPrimaryStation"
type="xsd:unsignedInt"/>
      <xsd:element minOccurs="0" maxOccurs="1" name="pidxSplitScreen"
type="xsd:unsignedInt"/>
      <xsd:element minOccurs="0" maxOccurs="1" name="peSplitScreenState"
type="xsd:unsignedInt"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>

```

**pidPrimaryStation:** Contains the ID of the station that was used to create the split.

**pidxSplitScreen:** Contains the index of the display created by the split.

**peSplitScreenState:** Contains the state of the display: 0 = Normal; 1 = Split.

### 3.8.4.11.3 Complex Types

None.

## 3.8.4.12 IdentifyStation Operation

The **IdentifyStation** method requests that the server display station-identification information on the display associated with the station. This operation **MUST** be authenticated by using Server Management Credentials (section [3.4.1](#)).

```

<wsdl:operation name="IdentifyStation">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/IdentifyStation"
name="IMultiPointStation_IdentifyStation_InputMessage"
message="tns:IMultiPointStation_IdentifyStation_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/IdentifyStationResponse"
name="IMultiPointStation_IdentifyStation_OutputMessage"
message="tns:IMultiPointStation_IdentifyStation_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointStation_IdentifyStation_WmsFaultType_FaultMessage"/>
</wsdl:operation>

```

### 3.8.4.12.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointStation_IdentifyStation_InputMessage	This message requests that the server display station-identification information on the display associated with the station.
IMultiPointStation_IdentifyStation_OutputMessage	Response message.
IMultiPointStation_IdentifyStation_WmsFaultType_FaultMessage	This message contains the internal server failure status code, if one occurs.

### 3.8.4.12.1.1 IMultiPointStation\_IdentifyStation\_InputMessage Message

A **WSDL message** containing the request for the **IdentifyStation WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointStation/IdentifyStation
<wsdl:message name="IMultiPointStation_IdentifyStation_InputMessage">
  <wsdl:part name="IdentifyStation" element="tns:IdentifyStation"/>
</wsdl:message>
```

### 3.8.4.12.1.2 IMultiPointStation\_IdentifyStation\_OutputMessage Message

A **WSDL message** containing the response for the **IdentifyStation WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointStation/IdentifyStationResponse
<wsdl:message name="IMultiPointStation_IdentifyStation_OutputMessage">
  <wsdl:part name="IdentifyStationResponse" element="tns:IdentifyStationResponse"/>
</wsdl:message>
```

### 3.8.4.12.1.3 IMultiPointStation\_IdentifyStation\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **IdentifyStation WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointStation_IdentifyStation_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.8.4.12.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<IdentifyStation>	An input parameter element
<IdentifyStationResponse>	An output data element

### 3.8.4.12.2.1 IdentifyStation

```
<xsd:element name="IdentifyStation" type="tns:IdentifyStationRequestBody"/>
```

### 3.8.4.12.2.2 IdentifyStationResponse

```
<xsd:element name="IdentifyStationResponse" type="q1:IdentifyStationResponseBody"/>
```

### 3.8.4.12.3 Complex Types

The following table summarizes the **XML Schema** complex type element definitions that are specific to this operation.

Complex type	Description
<IdentifyStationRequestBody>	XML supplying the input parameters
<IdentifyStationResponseBody>	XML supplying the output parameters

#### 3.8.4.12.3.1 IdentifyStationRequestBody

```
<xsd:complexType name="IdentifyStationRequestBody">  
  <xsd:sequence>  
    <xsd:element minOccurs="1" maxOccurs="1" name="idStation" type="xsd:unsignedInt"/>  
    <xsd:element minOccurs="1" maxOccurs="1" name="wsStationName" type="xsd:string"/>  
    <xsd:element minOccurs="1" maxOccurs="1" name="wsStationHost" type="xsd:string"/>  
    <xsd:element minOccurs="1" maxOccurs="1" name="wsSessionHost" type="xsd:string"/>  
    <xsd:element minOccurs="1" maxOccurs="1" name="eAction" type="xsd:unsignedInt"/>  
  </xsd:sequence>  
</xsd:complexType>
```

**idStation:** Contains the ID of the **MultiPoint Station**. This is an unsigned integer with a range of 1–n, where n is the number of stations currently available on the server.

**wsStationName:** Contains the friendly name of the station.

**wsStationHost:** Contains the host name of machine hosting the station.

**wsSessionHost:** Contains the host name of the machine hosting the session associated with the station.

**eAction:** Contains the action to perform; 0: update station information, or 1: display station-identification on associated display.

#### 3.8.4.12.3.2 IdentifyStationResponseBody

```
<xsd:complexType name="IdentifyStationResponseBody"/>
```

### 3.8.4.13 IsUsbStorageDeviceBlocked Operation

The **IsUsbStorageDeviceBlocked** method requests that the server return the state of USB storage-blocking from the specified station. [<25>](#) This operation MUST be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```

<wsdl:operation name="IsUsbStorageDeviceBlocked">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/IsUsbStorageDeviceBlocked"
name="IMultiPointStation_IsUsbStorageDeviceBlocked_InputMessage"
message="tns:IMultiPointStation_IsUsbStorageDeviceBlocked_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/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.

### 3.8.4.16.2.2 SetDisplayRotationResponse

```
<xsd:element name="SetDisplayRotationResponse">
  <xsd:complexType/>
</xsd:element>
```

### 3.8.4.16.3 Complex Types

None.

### 3.8.4.17 SetStationAutoLogon Operation

The **SetStationAutoLogon** method enables/disables the auto-logon of a particular station. When enabled, the server uses the specified user credentials to automatically log on to a session when the specified station becomes ready.

This operation MUST be authenticated by using Server Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="SetStationAutoLogon">
  <wsdl:input>
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/SetStationAutoLogon"
    name="IMultiPointStation_SetStationAutoLogon_InputMessage"
    message="tns:IMultiPointStation_SetStationAutoLogon_InputMessage"/>
  <wsdl:output>
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/SetStationAutoLogonResponse"
    name="IMultiPointStation_SetStationAutoLogon_OutputMessage"
    message="tns:IMultiPointStation_SetStationAutoLogon_OutputMessage"/>
    <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointStation_SetStationAutoLogon_WmsFaultType_FaultMessage"/>
  </wsdl:output>
</wsdl:operation>
```

### 3.8.4.17.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointStation_SetStationAutoLogon_InputMessage	This message requests that the server enable/disable auto-logout for the specified station.
IMultiPointStation_SetStationAutoLogon_OutputMessage	Response message.
IMultiPointStation_SetStationAutoLogon_WmsFaultType_FaultMessage	This message contains the internal server failure status code, if one occurs

#### 3.8.4.17.1.1 IMultiPointStation\_SetStationAutoLogon\_InputMessage Message

A **WSDL message** containing the request for the **SetStationAutoLogon WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointStation/SetStationAutoLogon
<wsdl:message name="IMultiPointStation_SetStationAutoLogon_InputMessage">
  <wsdl:part name="SetStationAutoLogon" element="tns:SetStationAutoLogon"/>
</wsdl:message>
```

#### 3.8.4.17.1.2 IMultiPointStation\_SetStationAutoLogon\_OutputMessage Message

A **WSDL message** containing the response for the **SetStationAutoLogon WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointStation/SetStationAutoLogonResponse
<wsdl:message name="IMultiPointStation_SetStationAutoLogon_OutputMessage">
  <wsdl:part name="SetStationAutoLogonResponse" element="tns:SetStationAutoLogonResponse"/>
</wsdl:message>
```

#### 3.8.4.17.1.3 IMultiPointStation\_SetStationAutoLogon\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **SetStationAutoLogon WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointStation_SetStationAutoLogon_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.8.4.17.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<SetStationAutoLogon>	An input parameter element
<SetStationAutoLogonResponse>	An output data element

### 3.8.4.17.2.1 SetStationAutoLogon

```
<xsd:element name="SetStationAutoLogon">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="idStation" type="xsd:unsignedInt"/>
      <xsd:element minOccurs="1" maxOccurs="1" name="eConfiguration" type="xsd:unsignedInt"/>
      <xsd:element minOccurs="1" maxOccurs="1" name="wsUser" nillable="true"
type="xsd:string"/>
      <xsd:element minOccurs="1" maxOccurs="1" name="wsDomain" nillable="true"
type="xsd:string"/>
      <xsd:element minOccurs="1" maxOccurs="1" name="wsPassword" nillable="true"
type="xsd:string"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**idStation:** Contains the ID of the **MultiPoint Station**. This is an unsigned integer with a range of 1–n, where n is the number of stations currently available on the server.

**eConfiguration:** Contains the logon configuration: 0 = manual logon; 1 = auto-logon.

**wsUser:** Contains the user name to be used for auto-logon.

**wsDomain:** Contains the domain to be used for auto-logon.

**wsPassword:** Contains the password to be used for auto-logon.

### 3.8.4.17.2.2 SetStationAutoLogonResponse

```
<xsd:element name="SetStationAutoLogonResponse">
  <xsd:complexType/>
</xsd:element>
```

### 3.8.4.17.3 Complex Types

None.

### 3.8.4.18 SetStationFriendlyName Operation

The **SetStationFriendlyName** method associates a friendly name with a station, which is displayed in place of a numeric station ID.

This operation MUST be authenticated by using Server Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="SetStationFriendlyName">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/SetStationFriendlyName"
name="IMultiPointStation_SetStationFriendlyName_InputMessage"
message="tns:IMultiPointStation_SetStationFriendlyName_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/SetStationFriendlyNameResp
```

```

onse" name="IMultiPointStation_SetStationFriendlyName_OutputMessage"
message="tns:IMultiPointStation_SetStationFriendlyName_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointStation_SetStationFriendlyName_WmsFaultType_FaultMessage"/>
</wsdl:operation>

```

### 3.8.4.18.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointStation_SetStationFriendlyName_InputMessage	This message requests that the server associate the specified friendly name with the specified station.
IMultiPointStation_SetStationFriendlyName_OutputMessage	Response message.
IMultiPointStation_SetStationFriendlyName_WmsFaultType_FaultMessage	This message contains the internal server failure status code, if one occurs.

#### 3.8.4.18.1.1 IMultiPointStation\_SetStationFriendlyName\_InputMessage Message

A **WSDL message** containing the request for the **SetStationFriendlyName WSDL operation**.

The **SOAP action** value is as follows:

```

http://MultiPoint/RemoteManagement/IMultiPointStation/SetStationFriendlyName
<wsdl:message name="IMultiPointStation_SetStationFriendlyName_InputMessage">
  <wsdl:part name="SetStationFriendlyName" element="tns:SetStationFriendlyName"/>
</wsdl:message>

```

#### 3.8.4.18.1.2 IMultiPointStation\_SetStationFriendlyName\_OutputMessage Message

A **WSDL message** containing the response for the **SetStationFriendlyName WSDL operation**.

The **SOAP action** value is as follows:

```

http://MultiPoint/RemoteManagement/IMultiPointStation/SetStationFriendlyNameResponse
<wsdl:message name="IMultiPointStation_SetStationFriendlyName_OutputMessage">
  <wsdl:part name="SetStationFriendlyNameResponse"
element="tns:SetStationFriendlyNameResponse"/>
</wsdl:message>

```

#### 3.8.4.18.1.3 IMultiPointStation\_SetStationFriendlyName\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **SetStationFriendlyName WSDL operation**.

The **SOAP action** value is as follows:

```

http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointStation_SetStationFriendlyName_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>

```

```
</wsdl:message>
```

### 3.8.4.18.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<SetStationFriendlyName>	An input parameter element
<SetStationFriendlyNameResponse>	An output data element

#### 3.8.4.18.2.1 SetStationFriendlyName

```
<xsd:element name="SetStationFriendlyName" type="tns:SetStationFriendlyNameRequestBody"/>
```

#### 3.8.4.18.2.2 SetStationFriendlyNameResponse

```
<xsd:element name="SetStationFriendlyNameResponse" type="q1:SetStationFriendlyNameResponseBody"/>
```

### 3.8.4.18.3 Complex Types

The following table summarizes the **XML Schema** complex type element definitions that are specific to this operation.

Complex type	Description
<SetStationFriendlyNameRequestBody>	XML supplying the input parameters
<SetStationFriendlyNameResponseBody>	XML supplying the output parameters

#### 3.8.4.18.3.1 SetStationFriendlyNameRequestBody

```
<xsd:complexType name="SetStationFriendlyNameRequestBody">
  <xsd:sequence>
    <xsd:element minOccurs="1" maxOccurs="1" name="idStation" type="xsd:unsignedInt"/>
    <xsd:element minOccurs="1" maxOccurs="1" name="wsFriendlyName" type="xsd:string"/>
  </xsd:sequence>
</xsd:complexType>
```

**idStation:** Contains the ID of the **MultiPoint Station**. This is an unsigned integer with a range of 1–n, where n is the number of stations currently available on the server.

**wsFriendlyName:** Contains the friendly name of the station.

#### 3.8.4.18.3.2 SetStationFriendlyNameResponseBody

```
<xsd:complexType name="SetStationFriendlyNameResponseBody"/>
```



### 3.8.4.19 SetStationServerName Operation

The **SetStationServerName** sets the host name of the session host server or virtual machine to which the given station connects.

This operation MUST be authenticated by using Server Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="SetStationServerName">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/SetStationServerName"
    name="IMultiPointStation_SetStationServerName_InputMessage"
    message="tns:IMultiPointStation_SetStationServerName_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/SetStationServerNameResponse"
    name="IMultiPointStation_SetStationServerName_OutputMessage"
    message="tns:IMultiPointStation_SetStationServerName_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointStation_SetStationServerName_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.8.4.19.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointStation_SetStationServerName_InputMessage	This message requests that the specified server name and virtual machine host name be associated with the specified station.
IMultiPointStation_SetStationServerName_OutputMessage	Response message.
IMultiPointStation_SetStationServerName_WmsFaultType_FaultMessage	This message contains the internal server failure status code, if one occurs.

##### 3.8.4.19.1.1 IMultiPointStation\_SetStationServerName\_InputMessage Message

A **WSDL message** containing the request for the **SetStationServerName WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointStation/SetStationServerName
<wsdl:message name="IMultiPointStation_SetStationServerName_InputMessage">
  <wsdl:part name="SetStationServerName" element="tns:SetStationServerName"/>
</wsdl:message>
```

##### 3.8.4.19.1.2 IMultiPointStation\_SetStationServerName\_OutputMessage Message

A **WSDL message** containing the response for the **SetStationServerName WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointStation/SetStationServerNameResponse
<wsdl:message name="IMultiPointStation_SetStationServerName_OutputMessage">
  <wsdl:part name="SetStationServerNameResponse" element="tns:SetStationServerNameResponse"/>
</wsdl:message>
```

```
</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:sequence>
</xsd:complexType>
```

```

    <xsd:element minOccurs="1" maxOccurs="1" name="wsVirtualMachineName" nillable="true"
type="xsd:string"/>
  </xsd:sequence>
</xsd:complexType>

```

**idStation:** Contains the ID of the **MultiPoint Station**. This is an unsigned integer with a range of 1–n, where n is the number of stations currently available on the server.

**wsServerName:** Contains the host name of the server.

**wsVirtualMachineName:** Contains the host name of a virtual machine hosting the station (if any).

### 3.8.4.19.3.2 SetStationServerNameResponseBody

```

<xsd:complexType name="SetStationServerNameResponseBody"/>

```

### 3.8.4.20 SplitStation Operation

The **SplitStation** method is called to either split the display of a single station into two virtual displays, each associated with different station hardware, or to recombine a split display into a single display.

This operation **MUST** be authenticated by using Server Management Credentials (section [3.4.1](#)).

```

<wsdl:operation name="SplitStation">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/SplitStation"
name="IMultiPointStation_SplitStation_InputMessage"
message="tns:IMultiPointStation_SplitStation_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/SplitStationResponse"
name="IMultiPointStation_SplitStation_OutputMessage"
message="tns:IMultiPointStation_SplitStation_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointStation_SplitStation_WmsFaultType_FaultMessage"/>
</wsdl:operation>

```

#### 3.8.4.20.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointStation_SplitStation_InputMessage	This message requests that the server either split or unsplit the specified station.
IMultiPointStation_SplitStation_OutputMessage	Response message.
IMultiPointStation_SplitStation_WmsFaultType_FaultMessage	This message contains the internal server failure status code, if one occurs.

#### 3.8.4.20.1.1 IMultiPointStation\_SplitStation\_InputMessage Message

A **WSDL message** containing the request for the **SplitStation WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointStation/SplitStation
<wsdl:message name="IMultiPointStation_SplitStation_InputMessage">
  <wsdl:part name="SplitStation" element="tns:SplitStation"/>
</wsdl:message>
```

### 3.8.4.20.1.2 IMultiPointStation\_SplitStation\_OutputMessage Message

A **WSDL message** containing the response for the **SplitStation WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointStation/SplitStationResponse
<wsdl:message name="IMultiPointStation_SplitStation_OutputMessage">
  <wsdl:part name="SplitStationResponse" element="tns:SplitStationResponse"/>
</wsdl:message>
```

### 3.8.4.20.1.3 IMultiPointStation\_SplitStation\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **SplitStation WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointStation_SplitStation_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

## 3.8.4.20.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<SplitStation>	An input parameter element
<SplitStationResponse>	An output data element

### 3.8.4.20.2.1 SplitStation

```
<xsd:element name="SplitStation">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="idStation" type="xsd:unsignedInt"/>
      <xsd:element minOccurs="1" maxOccurs="1" name="eOperation" type="xsd:unsignedInt"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**idStation:** Contains the ID of the **MultiPoint Station**. This is an unsigned integer with a range of 1–n, where n is the number of stations currently available on the server.

**eOperation:** Contains the split action to be performed: 0 = split, or 1 = unsplit.

### 3.8.4.20.2.2 SplitStationResponse

```
<xsd:element name="SplitStationResponse">
  <xsd:complexType/>
</xsd:element>
```

### 3.8.4.20.3 Complex Types

None.

### 3.8.4.21 StopIdentifyingStation Operation

The **StopIdentifyingStation** method is called to cause the server to no longer display the station ID on the specified station's display.

This operation **MUST** be authenticated by using Server Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="StopIdentifyingStation">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/StopIdentifyingStation"
name="IMultiPointStation_StopIdentifyingStation_InputMessage"
message="tns:IMultiPointStation_StopIdentifyingStation_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/StopIdentifyingStationResp
onse" name="IMultiPointStation_StopIdentifyingStation_OutputMessage"
message="tns:IMultiPointStation_StopIdentifyingStation_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointStation_StopIdentifyingStation_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.8.4.21.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointStation_StopIdentifyingStation_InputMessage	This message requests the specified station to stop displaying its station ID and resume normal output.
IMultiPointStation_StopIdentifyingStation_OutputMessage	Response message.
IMultiPointStation_StopIdentifyingStation_WmsFaultType_FaultMessage	This message contains the internal server failure status code, if one occurs.

#### 3.8.4.21.1.1 IMultiPointStation\_StopIdentifyingStation\_InputMessage Message

A **WSDL message** containing the request for the **StopIdentifyingStation WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointStation/StopIdentifyingStation
<wsdl:message name="IMultiPointStation_StopIdentifyingStation_InputMessage">
  <wsdl:part name="StopIdentifyingStation" element="tns:StopIdentifyingStation"/>
```

```
</wsdl:message>
```

### 3.8.4.21.1.2 IMultiPointStation\_StopIdentifyingStation\_OutputMessage Message

A **WSDL message** containing the response for the **StopIdentifyingStation WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointStation/StopIdentifyingStationResponse
<wsdl:message name="IMultiPointStation_StopIdentifyingStation_OutputMessage">
  <wsdl:part name="StopIdentifyingStationResponse"
    element="tns:StopIdentifyingStationResponse"/>
</wsdl:message>
```

### 3.8.4.21.1.3 IMultiPointStation\_StopIdentifyingStation\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **StopIdentifyingStation WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointStation_StopIdentifyingStation_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.8.4.21.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<StopIdentifyingStation>	An input parameter element
<StopIdentifyingStationResponse>	An output data element

#### 3.8.4.21.2.1 StopIdentifyingStation

```
<xsd:element name="StopIdentifyingStation">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="idStation" type="xsd:unsignedInt"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**idStation:** Contains the ID of the **MultiPoint Station**. This is an unsigned integer with a range of 1-n, where n is the number of stations currently available on the server.

#### 3.8.4.21.2.2 StopIdentifyingStationResponse

```
<xsd:element name="StopIdentifyingStationResponse">
  <xsd:complexType/>
```

```
</xsd:element>
```

### 3.8.4.21.3 Complex Types

None.

### 3.8.4.22 UnblockUsbStorageDevicesAllStations

The **UnblockUsbStorageDevicesAllStations** method requests that the server allow access to USB storage devices on all stations. [<27>](#) This operation MUST be authenticated by using either the Server Management Credentials or the Server Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="UnblockUsbStorageDevicesAllStations">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/UnblockUsbStorageDevicesAllStations" name="IMultiPointStation_UnblockUsbStorageDevicesAllStations_InputMessage"
    message="tns:IMultiPointStation_UnblockUsbStorageDevicesAllStations_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/UnblockUsbStorageDevicesAllStationsResponse"
    name="IMultiPointStation_UnblockUsbStorageDevicesAllStations_OutputMessage"
    message="tns:IMultiPointStation_UnblockUsbStorageDevicesAllStations_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointStation_UnblockUsbStorageDevicesAllStations_WmsFaultType_FaultMessage"
    />
</wsdl:operation>
```

#### 3.8.4.22.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointStation_UnblockUsbStorageDevicesAllStations_InputMessage	This message requests the server to allow all stations to access USB storage devices.
IMultiPointStation_UnblockUsbStorageDevicesAllStations_OutputMessage	Response message.
IMultiPointStation_UnblockUsbStorageDevicesAllStations_WmsFaultType_FaultMessage	This message contains the internal server failure status code, if one occurs.

#### 3.8.4.22.1.1 IMultiPointStation\_UnblockUsbStorageDevicesAllStations\_InputMessage Message

A **WSDL message** containing the request for the **UnblockUsbStorageDevicesAllStations WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointStation/UnblockUsbStorageDevicesAllStations
<wsdl:message name="IMultiPointStation_UnblockUsbStorageDevicesAllStations_InputMessage">
```

```

    <wsdl:part name="UnblockUsbStorageDevicesAllStations"
    element="tns:UnblockUsbStorageDevicesAllStations"/>
  </wsdl:message>

```

### 3.8.4.22.1.2 IMultiPointStation\_UnblockUsbStorageDevicesAllStations\_OutputMessage Message

A **WSDL message** containing the response for the **UnblockUsbStorageDevicesAllStations WSDL operation**.

The **SOAP action** value is as follows:

```

http://MultiPoint/RemoteManagement/IMultiPointStation/UnblockUsbStorageDevicesAllStationsResponse
<wsdl:message name="IMultiPointStation_UnblockUsbStorageDevicesAllStations_OutputMessage">
  <wsdl:part name="UnblockUsbStorageDevicesAllStations"
  element="tns:UnblockUsbStorageDevicesAllStations"/>
</wsdl:message>

```

### 3.8.4.22.1.3 IMultiPointStation\_UnblockUsbStorageDevicesAllStations\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **UnblockUsbStorageDevicesAllStations WSDL operation**.

The **SOAP action** value is as follows:

```

http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message
name="IMultiPointStation_UnblockUsbStorageDevicesAllStations_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>

```

## 3.8.4.22.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<UnblockUsbStorageDevicesAllStations>	An input parameter element
<UnblockUsbStorageDevicesAllStationsResponse>	An output data element

### 3.8.4.22.2.1 UnblockUsbStorageDevicesAllStations

```

<xsd:element name="UnblockUsbStorageDevicesAllStations">
  <xsd:complexType/>
</xsd:element>

```

### 3.8.4.22.2.2 UnblockUsbStorageDevicesAllStationsResponse

```

<xsd:element name="UnblockUsbStorageDevicesAllStationsResponse">

```



```
<xsd:complexType/>
</xsd:element>
```

### 3.8.4.22.3 Complex Types

None.

### 3.8.4.23 UnblockUsbStorageDevices

The **UnblockUsbStorageDevices** method requests that the server allow access to USB storage devices on the specified station. <28> This operation MUST be authenticated by using either the Server Management Credentials or the Server Control Credentials (section 3.4.1).

```
<wsdl:operation name="UnblockUsbStorageDevices">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/UnblockUsbStorageDevices"
    name="IMultiPointStation_UnblockUsbStorageDevices_InputMessage"
    message="tns:IMultiPointStation_UnblockUsbStorageDevices_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/UnblockUsbStorageDevicesRe
    sponse" name="IMultiPointStation_UnblockUsbStorageDevices_OutputMessage"
    message="tns:IMultiPointStation_UnblockUsbStorageDevices_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointStation_UnblockUsbStorageDevices_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.8.4.23.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointStation_UnblockUsbStorageDevices_InputMessage	This message requests the server to allow the specified station to access USB storage devices.
IMultiPointStation_UnblockUsbStorageDevices_OutputMessage	Response message.
IMultiPointStation_UnblockUsbStorageDevices_WmsFaultType_FaultMessage	This message contains the internal server failure status code, if one occurs.

#### 3.8.4.23.1.1 IMultiPointStation\_UnblockUsbStorageDevices\_InputMessage Message

A **WSDL message** containing the request for the **UnblockUsbStorageDevices WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointStation/UnblockUsbStorageDevices
<wsdl:message name="IMultiPointStation_UnblockUsbStorageDevices_InputMessage">
  <wsdl:part name="UnblockUsbStorageDevices" element="tns:UnblockUsbStorageDevices"/>
</wsdl:message>
```

### 3.8.4.23.1.2 IMultiPointStation\_UnblockUsbStorageDevices\_OutputMessage Message

A **WSDL message** containing the response for the **UnblockUsbStorageDevices WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointStation/UnblockUsbStorageDevicesResponse
<wsdl:message name="IMultiPointStation_UnblockUsbStorageDevices_OutputMessage">
  <wsdl:part name="UnblockUsbStorageDevices" element="tns:UnblockUsbStorageDevices"/>
</wsdl:message>
```

### 3.8.4.23.1.3 IMultiPointStation\_UnblockUsbStorageDevices\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **UnblockUsbStorageDevices WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointStation_UnblockUsbStorageDevices_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.8.4.23.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<UnblockUsbStorageDevices>	An input parameter element
<UnblockUsbStorageDevicesResponse>	An output data element

#### 3.8.4.23.2.1 UnblockUsbStorageDevices

```
<xsd:element name="UnblockUsbStorageDevices">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="idStation" type="xsd:unsignedInt" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**idStation:** Contains the ID of the **MultiPoint Station**. This is an unsigned integer with a range of 1–n, where n is the number of stations currently available on the server.

#### 3.8.4.23.2.2 UnblockUsbStorageDevicesResponse

```
<xsd:element name="UnblockUsbStorageDevicesResponse">
  <xsd:complexType/>
</xsd:element>
```

### 3.8.4.23.3 Complex Types

None.

### 3.8.5 Timer Events

None.

### 3.8.6 Other Local Events

None.

## 3.9 IMultiPointSystemOnlineEventSink Server Details

This endpoint is a set of methods that notify the client when a server they manage has become available for management or is no longer available for management.

### 3.9.1 Abstract Data Model

This section describes a conceptual model of possible data organization that an implementation maintains to participate in this algorithm. The described organization is provided to facilitate the explanation of how the algorithm behaves. This document does not mandate that implementations adhere to this model as long as their external behavior is consistent with that described in this document.

The server MUST supply an **X.509** certificate for the purpose of server identification and to be used by the client and server to encrypt **SOAP** requests/responses.

The server MUST create and securely store a random password to be used to authenticate API requests.

### 3.9.2 Timers

None.

### 3.9.3 Initialization

None.

### 3.9.4 Message Processing Events and Sequencing Rules

This protocol includes the following **WSDL operations**.

Operation	Description
OnManagedServerOfflineNotify	This method is called when a server is going offline.
OnManagedServerOnlineNotify	This method is called when a server has become available online.
OnNewServerCertificateReady	This method is called when the current <b>X.509</b> certificate is near expiry and a replacement certificate is available.

### 3.9.4.1 OnManagedServerOfflineNotify Operation

The **OnManagedServerOfflineNotify** method is called by a server to inform all of its managing clients that it is going offline and is no longer processing management requests.

This operation MUST be authenticated by using Notification Sink Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="OnManagedServerOfflineNotify">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSystemOnlineEventSink/OnManagedServerOfflineNotify"
    name="IMultiPointSystemOnlineEventSink_OnManagedServerOfflineNotify_InputMessage"
    message="tns:IMultiPointSystemOnlineEventSink OnManagedServerOfflineNotify InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSystemOnlineEventSink/OnManagedServerOfflineNotify"
    name="IMultiPointSystemOnlineEventSink_OnManagedServerOfflineNotify_OutputMessage"
    message="tns:IMultiPointSystemOnlineEventSink_OnManagedServerOfflineNotify_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointSystemOnlineEventSink OnManagedServerOfflineNotify WmsFaultType FaultMessage"/>
</wsdl:operation>
```

#### 3.9.4.1.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointSystemOnlineEventSink_OnManagedServerOfflineNotify_InputMessage	This message informs the client of the name of the server going offline.
IMultiPointSystemOnlineEventSink_OnManagedServerOfflineNotify_OutputMessage	Response message.
IMultiPointSystemOnlineEventSink_OnManagedServerOfflineNotify_WmsFaultType_FaultMessage	This message contains the internal server failure status code, if one occurs.

##### 3.9.4.1.1.1 IMultiPointSystemOnlineEventSink\_OnManagedServerOfflineNotify\_InputMessage Message

A **WSDL message** containing the request for the **OnManagedServerOfflineNotify** **WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointSystemOnlineEventSink/OnManagedServerOfflineNotify
<wsdl:message
  name="IMultiPointSystemOnlineEventSink_OnManagedServerOfflineNotify_InputMessage">
  <wsdl:part name="OnManagedServerOfflineNotify" element="tns:OnManagedServerOfflineNotify"/>
</wsdl:message>
```

##### 3.9.4.1.1.2 IMultiPointSystemOnlineEventSink\_OnManagedServerOfflineNotify\_OutputMessage Message

A **WSDL message** containing the response for the **OnManagedServerOfflineNotify WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/IMultiPointSystemOnlineEventSink/OnManagedServerOfflineNotify
<wsdl:message
name="IMultiPointSystemOnlineEventSink_OnManagedServerOfflineNotify_OutputMessage">
  <wsdl:part name="OnManagedServerOfflineNotifyResponse"
element="tns:OnManagedServerOfflineNotifyResponse"/>
</wsdl:message>
```

### 3.9.4.1.1.3 IMultiPointSystemOnlineEventSink\_OnManagedServerOfflineNotify\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **OnManagedServerOfflineNotify WSDL operation**.

The **SOAP action** value is as follows:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message
name="IMultiPointSystemOnlineEventSink_OnManagedServerOfflineNotify_WmsFaultType_FaultMessage"
">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.9.4.1.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<OnManagedServerOfflineNotify>	An input parameter element
<OnManagedServerOfflineNotifyResponse>	An output data element

#### 3.9.4.1.2.1 OnManagedServerOfflineNotify

```
<xsd:element name="OnManagedServerOfflineNotify"
type="tns:OnManagedServerOfflineNotifyRequestBody"/>
```

#### 3.9.4.1.2.2 OnManagedServerOfflineNotifyResponse

```
<xsd:element name="OnManagedServerOfflineNotifyResponse"
type="q1:OnManagedServerOfflineNotifyResponseBody"/>
```

### 3.9.4.1.3 Complex Types

The following table summarizes the **XML Schema** complex type element definitions that are specific to this operation.

Complex type	Description
<OnManagedServerOfflineNotifyRequestBody>	XML supplying the input parameters
<OnManagedServerOfflineNotifyResponseBody>	XML supplying the output parameters

### 3.9.4.1.3.1 OnManagedServerOfflineNotifyRequestBody

```
<xsd:complexType name="OnManagedServerOfflineNotifyRequestBody">
  <xsd:sequence>
    <xsd:element minOccurs="1" maxOccurs="1" name="wsWmsSystemHostName" type="xsd:string"/>
  </xsd:sequence>
</xsd:complexType>
```

**wsWmsSystemHostName:** Contains the host name of the server.

### 3.9.4.1.3.2 OnManagedServerOfflineNotifyResponseBody

```
<xsd:complexType name="OnManagedServerOfflineNotifyResponseBody"/>
```

### 3.9.4.2 OnManagedServerOnlineNotify Operation

The **OnManagedServerOnlineNotify** method is called by a server to inform all of its managing clients that it is coming online and is available to process management requests.

This operation MUST be authenticated by using Notification Sink Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="OnManagedServerOnlineNotify">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSystemOnlineEventSink/OnManagedServerOnlineNotify"
    name="IMultiPointSystemOnlineEventSink_OnManagedServerOnlineNotify_InputMessage"
    message="tns:IMultiPointSystemOnlineEventSink_OnManagedServerOnlineNotify_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSystemOnlineEventSink/OnManagedServerOnlineNotify"
    name="IMultiPointSystemOnlineEventSink_OnManagedServerOnlineNotify_OutputMessage"
    message="tns:IMultiPointSystemOnlineEventSink_OnManagedServerOnlineNotify_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointSystemOnlineEventSink_OnManagedServerOnlineNotify_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.9.4.2.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointSystemOnlineEventSink_OnManagedServerOnlineNotify_InputMessage	This message informs the client that the host name and IP address of the server are coming online.
IMultiPointSystemOnlineEventSink_OnManagedServerOnlineNotify_OutputMessage	Response message.

Message	Description
IMultiPointSystemOnlineEventSink_OnManagedServerOnlineNotify_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

### 3.9.4.2.1.1 IMultiPointSystemOnlineEventSink\_OnManagedServerOnlineNotify\_InputMessage Message

A **WSDL message** containing the request for the **OnManagedServerOnlineNotify WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointSystemOnlineEventSink/OnManagedServerOnlineNotify
<wsdl:message
name="IMultiPointSystemOnlineEventSink_OnManagedServerOnlineNotify_InputMessage">
  <wsdl:part name="OnManagedServerOnlineNotify" element="tns:OnManagedServerOnlineNotify"/>
</wsdl:message>
```

### 3.9.4.2.1.2 IMultiPointSystemOnlineEventSink\_OnManagedServerOnlineNotify\_OutputMessage Message

A **WSDL message** containing the response for the **OnManagedServerOnlineNotify WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointSystemOnlineEventSink/OnManagedServerOnlineNotify
<wsdl:message
name="IMultiPointSystemOnlineEventSink_OnManagedServerOnlineNotify_OutputMessage">
  <wsdl:part name="OnManagedServerOnlineNotifyResponse"
element="tns:OnManagedServerOnlineNotifyResponse"/>
</wsdl:message>
```

### 3.9.4.2.1.3 IMultiPointSystemOnlineEventSink\_OnManagedServerOnlineNotify\_WmsFaultType\_FaultMessage Message

A **WSDL message** containing a fault for the **OnManagedServerOnlineNotify WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message
name="IMultiPointSystemOnlineEventSink_OnManagedServerOnlineNotify_WmsFaultType_FaultMessage"
>
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.9.4.2.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<OnManagedServerOnlineNotify>	Input parameters element
<OnManagedServerOnlineNotifyResponse>	Output data element

### 3.9.4.2.2.1 OnManagedServerOnlineNotify

```
<xsd:element name="OnManagedServerOnlineNotify"
type="tns:OnManagedServerOnlineNotifyRequestBody"/>
```

### 3.9.4.2.2.2 OnManagedServerOnlineNotifyResponse

```
<xsd:element name="OnManagedServerOnlineNotifyResponse"
type="q1:OnManagedServerOnlineNotifyResponseBody"/>
```

### 3.9.4.2.3 Complex Types

The following table summarizes the **XML Schema** complex type definitions that are specific to this operation.

Complex type	Description
<OnManagedServerOnlineNotifyRequestBody>	XML supplying the input parameters
<OnManagedServerOnlineNotifyResponseBody>	XML supplying the output parameters

#### 3.9.4.2.3.1 OnManagedServerOnlineNotifyRequestBody

```
<xsd:complexType name="OnManagedServerOnlineNotifyRequestBody">
  <xsd:sequence>
    <xsd:element minOccurs="1" maxOccurs="1" name="wsWmsSystemHostName" type="xsd:string"/>
    <xsd:element minOccurs="1" maxOccurs="1" name="wsWmsSystemIpAddress" type="xsd:string"/>
  </xsd:sequence>
</xsd:complexType>
```

**wsWmsSystemHostName:** Contains the host name of the server.

**wsWmsSystemIpAddress:** Contains the IP address of the server.

#### 3.9.4.2.3.2 OnManagedServerOnlineNotifyResponseBody

```
<xsd:complexType name="OnManagedServerOnlineNotifyResponseBody"/>
```



### 3.9.4.3 OnNewServerCertificateReady Operation

The **OnNewServerCertificateReady** method is called by a server to provide all of its managing clients a new self-signed **X.509** certificate when its current one is about to expire. [<29>](#)

This operation MUST be authenticated by using Notification Sink Control Credentials (section [3.4.1](#)).

```
<wsdl:operation name="OnNewServerCertificateReady">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSystemOnlineEventSink/OnNewServerCertificateReady"
    name="IMultiPointSystemOnlineEventSink_OnNewServerCertificateReady_InputMessage"
    message="tns:IMultiPointSystemOnlineEventSink_OnNewServerCertificateReady_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSystemOnlineEventSink/OnNewServerCertificateReady"
    name="IMultiPointSystemOnlineEventSink_OnNewServerCertificateReady_OutputMessage"
    message="tns:IMultiPointSystemOnlineEventSink_OnNewServerCertificateReady_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
    message="tns:IMultiPointSystemOnlineEventSink_OnNewServerCertificateReady_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.9.4.3.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointSystemOnlineEventSink_OnNewServerCertificateReady_InputMessage	This message informs the client that the server has a new self-signed X.509 certificate available.
IMultiPointSystemOnlineEventSink_OnNewServerCertificateReady_OutputMessage	A response message.
IMultiPointSystemOnlineEventSink_OnNewServerCertificateReady_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

##### 3.9.4.3.1.1 IMultiPointSystemOnlineEventSink\_OnNewServerCertificateReady\_Input Message Message

A **WSDL message** containing the request for the **OnNewServerCertificateReady WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointSystemOnlineEventSink/OnNewServerCertificateReady
<wsdl:message
  name="IMultiPointSystemOnlineEventSink_OnNewServerCertificateReady_InputMessage">
  <wsdl:part name="OnNewServerCertificateReady" element="tns:OnNewServerCertificateReady"/>
</wsdl:message>
```

##### 3.9.4.3.1.2 IMultiPointSystemOnlineEventSink\_OnNewServerCertificateReady\_OutputMessage Message

**WSDL message** containing the response for the **OnNewServerCertificateReady WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointSystemOnlineEventSink/OnNewServerCertificateReady
<wsdl:message
name="IMultiPointSystemOnlineEventSink_OnNewServerCertificateReady_OutputMessage">
  <wsdl:part name="OnNewServerCertificateReadyResponse"
element="tns:OnNewServerCertificateReadyResponse"/>
</wsdl:message>
```

### 3.9.4.3.1.3 IMultiPointSystemOnlineEventSink\_OnNewServerCertificateReady\_WmsFaultType\_FaultMessage Message

**WSDL message** containing a fault for the **OnNewServerCertificateReady WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message
name="IMultiPointSystemOnlineEventSink_OnNewServerCertificateReady_WmsFaultType_FaultMessage"
>
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.9.4.3.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<OnNewServerCertificateReady>	An input parameter element
<OnNewServerCertificateReadyResponse>	An output data element

#### 3.9.4.3.2.1 OnNewServerCertificateReady

```
<xsd:element name="OnNewServerCertificateReady">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="wsHostName" type="xsd:string" />
      <xsd:element minOccurs="1" maxOccurs="1" name="pSslCertificate" type="tns:ArrayOfBytes" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

**wsHostName:** Contains the host name of the client.

**pSslCertificate:** Contains the client's **X.509** certificate used for **SSL**. The certificate's subject name **MUST** match the client's host name. Servers **MUST** verify that the subject name of the certificate matches the host name of the client. Servers **MUST** also verify that the certificate's **enhanced key usage (EKU)** supports only **Server Authentication**.

### 3.9.4.3.2 OnNewServerCertificateReadyResponse

```
<xsd:element name="OnNewServerCertificateReadyResponse">  
  <xsd:complexType/>  
</xsd:element>
```

### 3.9.4.3.3 Complex Types

None.

### 3.9.5 Timer Events

None.

### 3.9.6 Other Local Events

None.

## 3.10 IMultiPointUserManager Server Details

This endpoint provides methods that allow the creation, removal, and manipulation of user accounts on the server.

### 3.10.1 Abstract Data Model

This section describes a conceptual model of possible data organization that an implementation maintains to participate in this algorithm. The described organization is provided to facilitate the explanation of how the algorithm behaves. This document does not mandate that implementations adhere to this model as long as their external behavior is consistent with that described in this document.

The server **MUST** supply an **X.509** certificate for the purpose of server identification and to be used by the client and server to encrypt **SOAP** requests/responses.

The server **MUST** create and securely store a random password to be used to authenticate API requests.

### 3.10.2 Timers

None.

### 3.10.3 Initialization

None.

### 3.10.4 Message Processing Events and Sequencing Rules

This specification includes the following **WSDL operations**.

Operation	Description
AddUser	Add a new user account.
EnumerateUsers	Return a list of user names.

Operation	Description
RemoveUser	Remove an existing user account.
SetUserInfo	Configure user account information.

### 3.10.4.1 AddUser Operation

The **AddUser** method requests that the server create the specified user account.

This operation **MUST** be authenticated by using Server Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="AddUser">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointUserManager/AddUser"
    name="IMultiPointUserManager_AddUser_InputMessage"
    message="tns:IMultiPointUserManager_AddUser_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointUserManager/AddUserResponse"
    name="IMultiPointUserManager_AddUser_OutputMessage"
    message="tns:IMultiPointUserManager_AddUser_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
    name="WmsFaultType" message="tns:IMultiPointUserManager_AddUser_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.10.4.1.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointUserManager_AddUser_InputMessage	This message requests that the server create the specified user account.
IMultiPointUserManager_AddUser_OutputMessage	Response message.
IMultiPointUserManager_AddUser_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

##### 3.10.4.1.1.1 IMultiPointUserManager\_AddUser\_InputMessage

A **WSDL message** containing the request for the **AddUser WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointUserManager/AddUser
<wsdl:message name="IMultiPointUserManager_AddUser_InputMessage">
  <wsdl:part name="AddUser" element="tns:AddUser"/>
</wsdl:message>
```

##### 3.10.4.1.1.2 IMultiPointUserManager\_AddUser\_OutputMessage

A **WSDL message** containing the response for the **AddUser WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointUserManager/AddUserResponse
<wsdl:message name="IMultiPointUserManager_AddUser_OutputMessage">
  <wsdl:part name="AddUserResponse" element="tns:AddUserResponse"/>
</wsdl:message>
```

### 3.10.4.1.1.3 IMultiPointUserManager\_AddUser\_WmsFaultType\_FaultMessage

A **WSDL message** containing a fault for the **AddUser WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointUserManager_AddUser_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.10.4.1.2 Elements

The following table summarizes the XML schema element definitions that are specific to this operation.

Element	Description
<AddUser>	Input parameters element
<AddUserResponse>	Output data element

#### 3.10.4.1.2.1 AddUser

```
<xsd:element name="AddUser" type="tns:AddUserRequestBody"/>
```

#### 3.10.4.1.2.2 AddUserResponse

```
<xsd:element name="AddUserResponse" type="q1:AddUserResponseBody"/>
```

### 3.10.4.1.3 Complex Types

The following table summarizes the **XML Schema** complex type definitions that are specific to this operation.

Complex type	Description
<AddUserRequestBody>	XML supplying the input parameters
<AddUserResponseBody>	XML supplying the output parameters

#### 3.10.4.1.3.1 AddUserRequestBody

```

<xsd:complexType name="AddUserRequestBody">
  <xsd:sequence>
    <xsd:element minOccurs="1" maxOccurs="1" name="wsName" nillable="true"
type="xsd:string"/>
    <xsd:element minOccurs="1" maxOccurs="1" name="wsPassword" nillable="true"
type="xsd:string"/>
    <xsd:element minOccurs="1" maxOccurs="1" name="eType" type="xsd:unsignedInt"/>
    <xsd:element minOccurs="1" maxOccurs="1" name="wsFullName" nillable="true"
type="xsd:string"/>
    <xsd:element minOccurs="1" maxOccurs="1" name="wsDescription" nillable="true"
type="xsd:string"/>
  </xsd:sequence>
</xsd:complexType>

```

**wsName:** Contains the user name of the account to be created.

**wsPassword:** Contains the password to be associated with the account.

**eType:** Contains the type of account to create with the following possible values, as specified in section [3.10.4.2](#):

Value	Meaning
0	Administrator user
1	Standard user
2	MultiPoint Operators Group user

**wsFullName:** Contains the full name of the user.

**wsDescription:** Contains the account description.

### 3.10.4.1.3.2 AddUserResponseBody

```

<xsd:complexType name="AddUserResponseBody"/>

```

### 3.10.4.2 EnumerateUsers Operation

The **EnumerateUsers** method requests that the server return an array of structures that contains information about each of the following classes of user account groups that currently exist on the server:

Administrator User: User accounts with **administrator** privileges.

Standard User: User accounts with no special privileges.

MultiPoint Operator Group User: A security group that contains the collection of users that have been assigned some elevated permissions over Standard Users. The actual differences between the groups are implementation-specific and not part of the protocol. The protocol only identifies which group a user is a member of when creating or enumerating the users on a server.

This operation **MUST** be authenticated by using Server Management Credentials (section [3.4.1](#)).

```

<wsdl:operation name="EnumerateUsers">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointUserManager/EnumerateUsers"
name="IMultiPointUserManager_EnumerateUsers_InputMessage"
message="tns:IMultiPointUserManager_EnumerateUsers_InputMessage"/>

```

```

    <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointUserManager/EnumerateUsersResponse
" name="IMultiPointUserManager_EnumerateUsers_OutputMessage"
message="tns:IMultiPointUserManager_EnumerateUsers_OutputMessage"/>
    <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
name="WmsFaultType"
message="tns:IMultiPointUserManager_EnumerateUsers_WmsFaultType_FaultMessage"/>
    </wsdl:operation>

```

### 3.10.4.2.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointUserManager_EnumerateUsers_InputMessage	This message requests that the server return an array of structures containing user information.
IMultiPointUserManager_EnumerateUsers_OutputMessage	This message contains the requested list of users.
IMultiPointUserManager_EnumerateUsers_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.10.4.2.1.1 IMultiPointUserManager\_EnumerateUsers\_InputMessage

A **WSDL message** containing the request for the **EnumerateUsers WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointUserManager/EnumerateUsers
<wsdl:message name="IMultiPointUserManager_EnumerateUsers_InputMessage">
  <wsdl:part name="EnumerateUsers" element="tns:EnumerateUsers"/>
</wsdl:message>

```

#### 3.10.4.2.1.2 IMultiPointUserManager\_EnumerateUsers\_OutputMessage

A **WSDL message** containing the response for the **EnumerateUsers WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointUserManager/EnumerateUsersResponse
<wsdl:message name="IMultiPointUserManager_EnumerateUsers_OutputMessage">
  <wsdl:part name="EnumerateUsersResponse" element="tns:EnumerateUsersResponse"/>
</wsdl:message>

```

#### 3.10.4.2.1.3 IMultiPointUserManager\_EnumerateUsers\_WmsFaultType\_FaultMessage

A **WSDL message** containing a fault for the **EnumerateUsers WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/WmsFault

```

```

<wsdl:message name="IMultiPointUserManager_EnumerateUsers_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>

```

### 3.10.4.2.2 Elements

The following table summarizes the XML schema element definitions that are specific to this operation.

Element	Description
<EnumerateUsers>	Input parameters element
<EnumerateUsersResponse>	Output data element

#### 3.10.4.2.2.1 EnumerateUsers

```
<xsd:element name="EnumerateUsers" type="q1:EnumerateUsersRequestBody"/>
```

#### 3.10.4.2.2.2 EnumerateUsersResponse

```
<xsd:element name="EnumerateUsersResponse" type="tns:EnumerateUsersResponseBody"/>
```

### 3.10.4.2.3 Complex Types

The following table summarizes the **XML Schema** complex type definitions that are specific to this operation.

Complex type	Description
<EnumerateUsersRequestBody>	XML supplying the input parameters
<EnumerateUsersResponseBody>	XML supplying the output parameters
<WMS_USER_WS>	XML containing user-specific information
<ArrayOfWMS_USER_WS>	Array of 0 or more elements of type tns:WMS_USER_WS

#### 3.10.4.2.3.1 EnumerateUsersRequestBody

```
<xsd:complexType name="EnumerateUsersRequestBody"/>
```

#### 3.10.4.2.3.2 EnumerateUsersResponseBody

```

<xsd:complexType name="EnumerateUsersResponseBody">
  <xsd:sequence>
    <xsd:element minOccurs="1" maxOccurs="1" name="pprgWmsUsersWs"
type="tns:ArrayOfWMS_USER_WS"/>
  </xsd:sequence>
</xsd:complexType>

```



**prgWmsUsersWs:** Contains an array of WMS\_USER\_WS structures representing the entire set of user accounts.

### 3.10.4.2.3.3 WMS\_USER\_WS

The **WMS\_USER\_WS** complex type contains data about a single user.

```
<xsd:complexType name="WMS_USER_WS">
  <xsd:sequence>
    <xsd:element minOccurs="1" maxOccurs="1" name="wsName" type="xsd:string"/>
    <xsd:element minOccurs="1" maxOccurs="1" name="wsFullName" type="xsd:string"/>
    <xsd:element minOccurs="1" maxOccurs="1" name="wsDescription" type="xsd:string"/>
    <xsd:element minOccurs="1" maxOccurs="1" name="UserType" type="xsd:unsignedInt"/>
  </xsd:sequence>
</xsd:complexType>
```

**wsName:** Contains the user account name.

**wsFullName:** Contains the user full name.

**wsDescription:** Contains the user account description.

**UserType:** Contains the type of account with the following possible values, as specified in section [3.10.4.2](#):

Value	Meaning
0	Administrator User
1	Standard User
2	MultiPoint Operators Group User

### 3.10.4.2.3.4 ArrayOfWMS\_USER\_WS

The **ArrayOfWMS\_USER\_WS** complex type is an array of 0 or more elements of type tns:WMS\_USER\_WS. [<30>](#)

```
<xsd:complexType name="ArrayOfWMS_USER_WS">
  <xsd:sequence>
    <xsd:element minOccurs="0" maxOccurs="unbounded" name="prgWmsSessionInfoWs"
type="tns:WMS_USER_WS" />
  </xsd:sequence>
</xsd:complexType>
```

**prgWmsSessionInfoWs:** Array of 0 or more WMS\_USER\_WS structures.

### 3.10.4.3 RemoveUser Operation

The **RemoveUser** method requests that the server remove the specified user account.

This operation MUST be authenticated by using Server Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="RemoveUser">
  <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointUserManager/RemoveUser"
```

```

name="IMultiPointUserManager_RemoveUser_InputMessage"
message="tns:IMultiPointUserManager_RemoveUser_InputMessage"/>
  <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointUserManager/RemoveUserResponse"
name="IMultiPointUserManager_RemoveUser_OutputMessage"
message="tns:IMultiPointUserManager_RemoveUser_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" name="WmsFaultType"
message="tns:IMultiPointUserManager_RemoveUser_WmsFaultType_FaultMessage"/>
</wsdl:operation>

```

### 3.10.4.3.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointUserManager_RemoveUser_InputMessage	This message requests that the server remove an existing user account.
IMultiPointUserManager_RemoveUser_OutputMessage	Response message.
IMultiPointUserManager_RemoveUser_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

#### 3.10.4.3.1.1 IMultiPointUserManager\_RemoveUser\_InputMessage

A **WSDL message** containing the request for the **RemoveUser WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointUserManager/RemoveUser
<wsdl:message name="IMultiPointUserManager_RemoveUser_InputMessage">
  <wsdl:part name="RemoveUser" element="tns:RemoveUser"/>
</wsdl:message>

```

#### 3.10.4.3.1.2 IMultiPointUserManager\_RemoveUser\_OutputMessage

A **WSDL message** containing the response for the **RemoveUser WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/IMultiPointUserManager/RemoveUserResponse
<wsdl:message name="IMultiPointUserManager_RemoveUser_OutputMessage">
  <wsdl:part name="RemoveUserResponse" element="tns:RemoveUserResponse"/>
</wsdl:message>

```

#### 3.10.4.3.1.3 IMultiPointUserManager\_RemoveUser\_WmsFaultType\_FaultMessage

A **WSDL message** containing a fault for the **RemoveUser WSDL operation**.

The **SOAP action** value is:

```

http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointUserManager_RemoveUser_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>

```

```
</wsdl:message>
```

### 3.10.4.3.2 Elements

The following table summarizes the XML schema element definitions that are specific to this operation.

Element	Description
<RemoveUser>	Input parameters element
<RemoveUserResponse>	Output data element

#### 3.10.4.3.2.1 RemoveUser

```
<xsd:element name="RemoveUser" type="tns:RemoveUserRequestBody"/>
```

#### 3.10.4.3.2.2 RemoveUserResponse

```
<xsd:element name="RemoveUserResponse" type="q1:RemoveUserResponseBody"/>
```

### 3.10.4.3.3 Complex Types

The following table summarizes the **XML Schema** complex type definitions that are specific to this operation.

Complex type	Description
<RemoveUserRequestBody>	XML supplying the input parameters.
<RemoveUserResponseBody>	XML supplying the output parameters.

#### 3.10.4.3.3.1 RemoveUserRequestBody

```
<xsd:complexType name="RemoveUserRequestBody">  
  <xsd:sequence>  
    <xsd:element minOccurs="1" maxOccurs="1" name="wsName" type="xsd:string"/>  
  </xsd:sequence>  
</xsd:complexType>
```

**wsName:** Contains the user account name.

#### 3.10.4.3.3.2 RemoveUserResponseBody

```
<xsd:complexType name="RemoveUserResponseBody"/>
```

### 3.10.4.4 SetUserInfo Operation

The **SetUserInfo** method requests that the server update the information associated with the specified user account.

This operation **MUST** be authenticated by using Server Management Credentials (section [3.4.1](#)).

```
<wsdl:operation name="SetUserInfo">
  <wsdl:input
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointUserManager/SetUserInfo"
    name="IMultiPointUserManager_SetUserInfo_InputMessage"
    message="tns:IMultiPointUserManager_SetUserInfo_InputMessage"/>
  <wsdl:output
    wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointUserManager/SetUserInfoResponse"
    name="IMultiPointUserManager_SetUserInfo_OutputMessage"
    message="tns:IMultiPointUserManager_SetUserInfo_OutputMessage"/>
  <wsdl:fault wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault"
    name="WmsFaultType"
    message="tns:IMultiPointUserManager_SetUserInfo_WmsFaultType_FaultMessage"/>
</wsdl:operation>
```

#### 3.10.4.4.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
IMultiPointUserManager_SetUserInfo_InputMessage	This message requests that the server change the information associated with the specified user account.
IMultiPointUserManager_SetUserInfo_OutputMessage	Response message.
IMultiPointUserManager_SetUserInfo_WmsFaultType_FaultMessage	This message contains the internal server failure status code if one occurs.

##### 3.10.4.4.1.1 IMultiPointUserManager\_SetUserInfo\_InputMessage

A **WSDL message** containing the request for the **SetUserInfo WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointUserManager/SetUserInfo
<wsdl:message name="IMultiPointUserManager_SetUserInfo_InputMessage">
  <wsdl:part name="SetUserInfo" element="tns:SetUserInfo"/>
</wsdl:message>
```

##### 3.10.4.4.1.2 IMultiPointUserManager\_SetUserInfo\_OutputMessage

A **WSDL message** containing the response for the **SetUserInfo WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/IMultiPointUserManager/SetUserInfoResponse
<wsdl:message name="IMultiPointUserManager_SetUserInfo_OutputMessage">
  <wsdl:part name="SetUserInfoResponse" element="tns:SetUserInfoResponse"/>
```

```
</wsdl:message>
```

### 3.10.4.4.1.3 IMultiPointUserManager\_SetUserInfo\_WmsFaultType\_FaultMessage

A **WSDL message** containing a fault for the **SetUserInfo WSDL operation**.

The **SOAP action** value is:

```
http://MultiPoint/RemoteManagement/WmsFault
<wsdl:message name="IMultiPointUserManager_SetUserInfo_WmsFaultType_FaultMessage">
  <wsdl:part name="detail" element="tns:WmsFaultType"/>
</wsdl:message>
```

### 3.10.4.4.2 Elements

The following table summarizes the **XML Schema** element definitions that are specific to this operation.

Element	Description
<SetUserInfo>	Input parameters element
<SetUserInfoResponse>	Output data element

#### 3.10.4.4.2.1 SetUserInfo

```
<xsd:element name="SetUserInfo" type="tns:SetUserInfoRequestBody"/>
```

#### 3.10.4.4.2.2 SetUserInfoResponse

```
<xsd:element name="SetUserInfoResponse" type="q1:SetUserInfoResponseBody"/>
```

### 3.10.4.4.3 Complex Types

The following table summarizes the **XML Schema** complex type definitions that are specific to this operation.

Complex type	Description
<SetUserInfoRequestBody>	XML supplying the input parameters
<SetUserInfoResponseBody>	XML supplying the output parameters

#### 3.10.4.4.3.1 SetUserInfoRequestBody

```
<xsd:complexType name="SetUserInfoRequestBody">
  <xsd:sequence>
    <xsd:element minOccurs="1" maxOccurs="1" name="peType" nillable="true"
type="xsd:unsignedInt"/>
  </xsd:sequence>
</xsd:complexType>
```

```

        <xsd:element minOccurs="1" maxOccurs="1" name="wsName" type="xsd:string"/>
        <xsd:element minOccurs="1" maxOccurs="1" name="wsFullName" nillable="true"
type="xsd:string"/>
        <xsd:element minOccurs="1" maxOccurs="1" name="wsPassword" nillable="true"
type="xsd:string"/>
        <xsd:element minOccurs="1" maxOccurs="1" name="wsDescription" nillable="true"
type="xsd:string"/>
    </xsd:sequence>
</xsd:complexType>

```

**peType:** Contains the type of account with the following possible values, as specified in section [3.10.4.2](#):

Value	Meaning
0	Administrator User
1	Standard User
2	MultiPoint Operators Group User

**wsName:** Contains the account name to be modified.

**wsFullName:** Contains the full name of the user.

**wsPassword:** Contains the password to be associated with the account.

**wsDescription:** Contains the description to be associated with the account.

#### 3.10.4.4.3.2 SetUserInfoResponseBody

```

<xsd:complexType name="SetUserInfoResponseBody"/>

```

### 3.10.5 Timer Events

None.

### 3.10.6 Other Local Events

None.

## 4 Protocol Examples

The following examples, in sections [4.1](#) and [4.2](#), show sequences of messages exchanged in various steps within the protocol. All protocol messages are wrapped inside the <soap:Envelope> and <soap:Body> elements. These examples use the following sample values for machine-specific values:

```
Server name: "SampleServer.microsoft.com"
Server Administrator account credentials: Username = "Administrator",
                                         Password = "password"
Server WMSControl credentials: Username = "WMSControl",
                                Password = ">]A /+&
{H|WehDf;w~B3?X?H$4Y&lt;=g#& 5"
Client name: "SampleClient.microsoft.com"
```

### 4.1 Binding Client and Server Example

The following example message sequence shows how the binding step is performed between a client and a server (section [3.4](#)). All requests flow from the client to the server, and all responses flow from the server to the client. This example shows the following three request-response exchanges:

- RequestSslCertificate (section [3.1.4.2](#))
- RequestWmsControlCredentials (section [3.4.4.2](#))
- SetSslCertificate (section [3.4.4.1](#))

```
<!-- Client/Server Binding: RequestSslCertificate() Request -->
<soap:Envelope xmlns:a=http://www.w3.org/2005/08/addressing
               xmlns:soap="http://www.w3.org/2003/05/soap-envelope">
  <soap:Header>
    <a:Action
      soap:mustUnderstand="1">http://MultiPoint/RemoteManagement/IMultiPointCertificateRequest/RequestSslCertificate</a:Action>
    <a:MessageID>urn:uuid:74b910ff-3f29-4c75-a4a5-8f7e9ada093f</a:MessageID>
    <a:To
      soap:mustUnderstand="1">http://SampleServer.microsoft.com:80/MultiPoint/IMultiPointCertificateRequest</a:To>
  </soap:Header>
  <soap:Body>
    <RequestSslCertificate xmlns="http://MultiPoint"/>
  </soap:Body>
</soap:Envelope>

<!-- Client/Server Binding: RequestSslCertificate() Response -->
<soap:Envelope xmlns:a="http://www.w3.org/2005/08/addressing"
               xmlns:soap="http://www.w3.org/2003/05/soap-envelope">
  <soap:Header>
    <a:Action
      soap:mustUnderstand="1">http://MultiPoint/RemoteManagement/IMultiPointCertificateRequest/RequestSslCertificateResponse</a:Action>
    <a:RelatesTo>urn:uuid:74b910ff-3f29-4c75-a4a5-8f7e9ada093f</a:RelatesTo>
  </soap:Header>
  <soap:Body>
    <RequestSslCertificateResponse xmlns="http://MultiPoint">
      <pSslPort>8443</pSslPort>

<pwsSslCertificateThumbprint>70016EC72C20686AF4CC34488088A82E4D894BC1</pwsSslCertificateThumbprint>
    <ppSslCertificate>
      <prgData>48</prgData>
      <prgData>130</prgData>
    </ppSslCertificate>
  </soap:Body>
</soap:Envelope>
```

```

        <prgData>3</prgData>
        <prgData>11</prgData>
        <prgData>48</prgData>
        <!--..... -->
        <!--.....ppSslCertificate BLOB TRIMMED..... -->
        <!--..... -->
        <prgData>26</prgData>
        <prgData>93</prgData>
        <prgData>8</prgData>
        <prgData>254</prgData>
        <prgData>255</prgData>
    </ppSslCertificate>
</RequestSslCertificateResponse>
</soap:Body>
</soap:Envelope>

<!-- Client/Server Binding: RequestWmsControlCredentials() Request -->
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope"
xmlns:a="http://www.w3.org/2005/08/addressing" xmlns:u="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">
    <soap:Header>
        <a:Action
soap:mustUnderstand="1">http://MultiPoint/RemoteManagement/IMultiPointCredentialRequest/Reque
stWmsControlCredentials</a:Action>
        <a:MessageID>urn:uuid:cd280096-8400-4a52-81d6-94fe31bcbd65</a:MessageID>
        <a:ReplyTo>
            <a:Address>http://www.w3.org/2005/08/addressing/anonymous</a:Address>
        </a:ReplyTo>
        <a:To
soap:mustUnderstand="1">https://SampleServer.microsoft.com:8443/MultiPoint/IMultiPointCredent
ialRequest</a:To>
            <o:Security soap:mustUnderstand="1" xmlns:o="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd">
                <o:UsernameToken u:Id="uuid-b60d59a5-17c3-461d-bc22-7740bbf28418-149">
                    <o:Username>Administrator</o:Username>
                    <o:Password Type="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-
username-token-profile-1.0#PasswordText">]password</o:Password>
                </o:UsernameToken>
            </o:Security>
        </soap:Header>
        <soap:Body>
            <RequestWmsControlCredentials xmlns="http://MultiPoint"/>
        </soap:Body>
    </soap:Envelope>

<!-- Client/Server Binding: RequestWmsControlCredentials() Response -->
<soap:Envelope xmlns:a="http://www.w3.org/2005/08/addressing"
xmlns:soap="http://www.w3.org/2003/05/soap-envelope">
    <soap:Header>
        <a:Action
soap:mustUnderstand="1">http://MultiPoint/RemoteManagement/IMultiPointCredentialRequest/Reque
stWmsControlCredentials</a:Action>
        <a:RelatesTo>urn:uuid:cd280096-8400-4a52-81d6-94fe31bcbd65</a:RelatesTo>
    </soap:Header>
    <soap:Body>
        <RequestWmsControlCredentialsResponse xmlns="http://MultiPoint">
            <pwsWmsControlPassword>]A
/+&amp;{H|WehDf;w~B3?X?H$4Y&lt;=g#&amp;5</pwsWmsControlPassword>
        </RequestWmsControlCredentialsResponse>
    </soap:Body>
</soap:Envelope>

<!-- Client/Server Binding: SetSslCertificate () Request -->
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope"
xmlns:a="http://www.w3.org/2005/08/addressing" xmlns:u="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">

```



```

    <soap:Header>
      <a:Action
soap:mustUnderstand="1">http://MultiPoint/RemoteManagement/IMultiPointCredentialRequest/SetSslCertificate</a:Action>
        <a:MessageID>urn:uuid:a4864f84-b33e-4f64-8cc0-72092f52bf80</a:MessageID>
        <a:ReplyTo>
          <a:Address>http://www.w3.org/2005/08/addressing/anonymous</a:Address>
        </a:ReplyTo>
        <a:To
soap:mustUnderstand="1">https://SampleServer.microsoft.com:8443/MultiPoint/IMultiPointCredentialRequest</a:To>
          <o:Security soap:mustUnderstand="1" xmlns:o="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd">
            <o:UsernameToken u:Id="uuid-b60d59a5-17c3-461d-bc22-7740bbf28418-149">
              <o:Username>Administrator</o:Username>
              <o:Password Type="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-username-token-profile-1.0#PasswordText">]!!abcl23</o:Password>
            </o:UsernameToken>
          </o:Security>
        </soap:Header>
      <soap:Body>
        <SetSslCertificate xmlns="http://MultiPoint">
          <wsHostName>SampleClient.microsoft.com</wsHostName>
          <SslPort>8443</SslPort>

<wsSslCertificateThumbprint>B421AEF30063F6EC5AD980AF628669625262E07F</wsSslCertificateThumbprint>
          <pSslCertificate>
            <prgData>28</prgData>
            <prgData>230</prgData>
            <prgData>7</prgData>
            <prgData>21</prgData>
            <prgData>38</prgData>
            <!--..... -->
            <!--.....pSslCertificate BLOB TRIMMED..... -->
            <!--..... -->
            <prgData>36</prgData>
            <prgData>83</prgData>
            <prgData>14</prgData>
            <prgData>254</prgData>
            <prgData>255</prgData>
          </pSslCertificate>
        </SetSslCertificate>
      </soap:Body>
    </soap:Envelope>

    <!-- Client/Server Binding: SetSslCertificate() Response -->
    <soap:Envelope xmlns:a="http://www.w3.org/2005/08/addressing"
xmlns:soap="http://www.w3.org/2003/05/soap-envelope">
      <soap:Header>
        <a:Action
soap:mustUnderstand="1">http://MultiPoint/RemoteManagement/IMultiPointCredentialRequest/SetSslCertificateResponse</a:Action>
          <a:RelatesTo>urn:uuid:a4864f84-b33e-4f64-8cc0-72092f52bf80</a:RelatesTo>
        </soap:Header>
      <soap:Body>
        <SetSslCertificateResponse xmlns="http://MultiPoint"/>
      </soap:Body>
    </soap:Envelope>

```

## 4.2 Generic API Call Example

The protocol is a set of APIs that can be called by the client by sending a **SOAP** request to the server and receiving the results (if any) in the SOAP response. All the APIs other than those described in section [4.1](#) require authentication using the user name "WmsControl" and the server's generated

**WmsControl password.** The **GetSessionFlags** method (section [3.7.4.12](#)) is used in the following example:

```
<!-- GetSessionFlags() Request -->
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope"
xmlns:a="http://www.w3.org/2005/08/addressing" xmlns:u="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">
  <soap:Header>
    <a:Action
soap:mustUnderstand="1">http://MultiPoint/RemoteManagement/IMultiPointSession/GetSessionFlags
</a:Action>
    <a:MessageID>urn:uuid:cd280096-8400-4a52-81d6-94fe31bcbd65</a:MessageID>
    <a:ReplyTo>
      <a:Address>http://www.w3.org/2005/08/addressing/anonymous</a:Address>
    </a:ReplyTo>
    <a:To
soap:mustUnderstand="1">https://SampleServer.microsoft.com:8443/MultiPoint/IMultiPointSession
</a:To>
    <o:Security soap:mustUnderstand="1" xmlns:o="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd">
      <o:UsernameToken u:Id="uuid-b60d59a5-17c3-461d-bc22-7740bbf28418-149">
        <o:Username>WmsControl</o:Username>
        <o:Password Type="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-
username-token-profile-1.0#PasswordText">]A
/ + & # { H | WehDf; w ~ B 3 ? X ? H $ 4 Y & l t ; = g # & # ; 5 < / o : Password >
        </o:UsernameToken>
      </o:Security>
    </soap:Header>
    <soap:Body>
      <GetSessionFlags xmlns="http://MultiPoint">
        <idSession>2</idSession>
      </GetSessionFlags>
    </soap:Body>
  </soap:Envelope>

<!-- GetSessionFlags() Response -->
<soap:Envelope xmlns:a="http://www.w3.org/2005/08/addressing"
xmlns:soap="http://www.w3.org/2003/05/soap-envelope">
  <soap:Header>
    <a:Action
soap:mustUnderstand="1">http://MultiPoint/RemoteManagement/IMultiPointSession/GetSessionFlags
Response</a:Action>
    <a:RelatesTo>urn:uuid:cd280096-8400-4a52-81d6-94fe31bcbd65</a:RelatesTo>
  </soap:Header>
  <soap:Body>
    <GetSessionFlagsResponse xmlns="http://MultiPoint">
      <pfgrSession>1</pfgrSession>
    </GetSessionFlagsResponse>
  </soap:Body>
</soap:Envelope>
```

## 5 Security

### 5.1 Security Considerations for Implementers

The security measures of the protocol vary based on the endpoint in question and the services provided by that endpoint. These security measures can be summarized as follows:

- For the `IMultiPointCertificateRequest` endpoint, which uses the HTTP protocol as its transport, no additional security measures are expected.
- Administrator authentication: For the `IMultiPointCredentialRequest` endpoint, which uses the HTTPS protocol as its transport, it is required that the caller provide user name and password authentication for a user that has **administrator** privileges on the server, to ensure that the server trusts the client before providing its control password.
- Management password authentication: For all other protocol-supported endpoints, the requests are made by using the HTTPS protocol as the transport and by providing the management user name of "WmsManagement" and the **WmsManagement password** obtained from the server using the `IMultiPointCredentialRequest` endpoint. It is the responsibility of the client to ensure that only trusted entities have access to the WmsManagement password because some of the methods allow modification of restricted settings on the server.
- Control password authentication: For all the other protocol-supported endpoints, some of the requests can be made by using the HTTPS protocol as the transport and by providing the control user name of "WmsControl" and the **WmsControl password** obtained from the server using the `IMultiPointCredentialRequest` endpoint.
- Event sink password authentication: For all of the protocol-supported event sink endpoints, the requests are made by using the HTTPS protocol as the transport and by providing the client's host name as the user and providing either the client's WmsManagement password or the client's WmsControl password. The actual password that is required depends on the event sink endpoint that is being called.

### 5.2 Index of Security Parameters

**Shared secrets:** The shared secrets are a pair of server-generated unique passwords that are given to the client during the binding process. The first password, the **WmsManagement password**, along with the user name of "WmsManagement", is used with the HTTPS protocol for the server to authenticate API requests and for the client to authenticate some sensitive event notifications. The second password, the **WmsControl password**, along with the user name of "WmsControl", is used with the HTTPS protocol for the server to authenticate some API requests and for a client to authenticate some event notifications.

**TLS certificate:** This is a pair of **X.509** server identification certificates that are exchanged during the client-server binding process; these certificates are used with the HTTPS protocol to verify the identity of the server or client and to encrypt client-server communications.

## 6 Appendix A: Full WSDL

For ease of implementation, the full WSDL and schema are provided in this appendix.

```
<wsdl:definitions
  xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"
  xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-
utility-1.0.xsd"
  xmlns:wsp="http://schemas.xmlsoap.org/ws/2004/09/policy"
  xmlns:tns="http://MultiPoint"
  xmlns:soap="http://schemas.xmlsoap.org/wsdl/soap/"
  xmlns:soap12="http://schemas.xmlsoap.org/wsdl/soap12/"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/"
  targetNamespace="http://MultiPoint">

  <wsp:Policy wsu:Id="policy">
    <wsp:ExactlyOne>
      <wsp>All>
        <sp:TransportBinding
xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
          <wsp:Policy>
            <sp:TransportToken>
              <wsp:Policy>
                <sp:HttpsToken RequireClientCertificate="false" />
              </wsp:Policy>
            </sp:TransportToken>
            <sp:AlgorithmSuite>
              <wsp:Policy>
                <sp:Basic256 />
              </wsp:Policy>
            </sp:AlgorithmSuite>
            <sp:Layout>
              <wsp:Policy>
                <sp:Strict />
              </wsp:Policy>
            </sp:Layout>
            <sp:IncludeTimestamp />
          </wsp:Policy>
        </sp:TransportBinding>
        <sp:SignedSupportingTokens
xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
          <wsp:Policy>
            <sp:UsernameToken
sp:IncludeToken="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy/IncludeToken/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) -->

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```

    <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: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>

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```

    </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:sequence>
    </xsd:complexType>
  </xsd:element>

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```

        <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>

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```

    <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">

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    <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>

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</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/>

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        <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>

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        <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>

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    <xsd:element name="GetStationInformationResponse">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element minOccurs="0" maxOccurs="1" name="pidSession"
type="xsd:unsignedInt" />
          <xsd:element minOccurs="0" maxOccurs="1" name="pwsSessionHost"
type="xsd:string" />
          <xsd:element minOccurs="0" maxOccurs="1" name="pwsVirtualMachineId"
type="xsd:string" />
          <xsd:element minOccurs="0" maxOccurs="1" name="peIdentifyStationState"
type="xsd:unsignedInt" />
          <xsd:element minOccurs="0" maxOccurs="1" name="peState"
type="xsd:unsignedInt" />
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>

    <!-- GetStationServerName ([in] DWORD idStation, [out] BSTR *pbstrServerName, [out,
retval] BSTR *pbstrVirtualMachineName) -->
    <xsd:element name="GetStationServerName">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element minOccurs="1" maxOccurs="1" name="idStation"
type="xsd:unsignedInt" />
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="GetStationServerNameResponse">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element minOccurs="0" maxOccurs="1" name="pwsServerName"
type="xsd:string" />
          <xsd:element minOccurs="0" maxOccurs="1" name="pwsVirtualMachineName"
type="xsd:string" />
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>

    <!-- GetStationSplitScreenInformation ([in] DWORD idStation, [out] DWORD*
pidPrimaryStation, [out] DWORD* pidxSplitScreen, [out, retval] ESplitScreenState*
peSplitScreenState) -->
    <xsd:element name="GetStationSplitScreenInformation">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element minOccurs="1" maxOccurs="1" name="idStation"
type="xsd:unsignedInt" />
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="GetStationSplitScreenInformationResponse">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element minOccurs="0" maxOccurs="1" name="pidPrimaryStation"
type="xsd:unsignedInt" />
          <xsd:element minOccurs="0" maxOccurs="1" name="pidxSplitScreen"
type="xsd:unsignedInt" />
          <xsd:element minOccurs="0" maxOccurs="1" name="peSplitScreenState"
type="xsd:unsignedInt" />
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>

    <!-- IdentifyStation ([in] DWORD idStation, [in] BSTR bstrStationName, [in] BSTR
bstrStationHost, [in] BSTR bstrSessionHost, [in] EIdentifyStationAction eAction) -->
    <xsd:element name="IdentifyStation">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element minOccurs="1" maxOccurs="1" name="idStation"
type="xsd:unsignedInt" />

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        <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>

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</xsd:element>
<xsd:element name="UnblockUsbStorageDevicesResponse">
  <xsd:complexType/>
</xsd:element>

<!-- IsUsbStorageDeviceBlocked ([in] DWORD idStation, [out]
EUsbStorageDeviceBlocking *peUsbStorageDeviceBlocked) -->
<xsd:element name="IsUsbStorageDeviceBlocked">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="idStation"
type="xsd:unsignedInt" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="IsUsbStorageDeviceBlockedResponse">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="peUsbStorageDeviceBlocked"
type="xsd:unsignedInt" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>

<!-- SetStationAutoLogon ([in] DWORD idStation, [in] EAutoLogonConfiguration
eConfiguration, [in] BSTR bstrUser, [in] BSTR bstrDomain, [in] BSTR bstrPassword) -->
<xsd:element name="SetStationAutoLogon">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="idStation"
type="xsd:unsignedInt" />
      <xsd:element minOccurs="1" maxOccurs="1" name="eConfiguration"
type="xsd:unsignedInt" />
      <xsd:element minOccurs="1" maxOccurs="1" name="wsUser" nillable="true"
type="xsd:string" />
      <xsd:element minOccurs="1" maxOccurs="1" name="wsDomain" nillable="true"
type="xsd:string" />
      <xsd:element minOccurs="1" maxOccurs="1" name="wsPassword" nillable="true"
type="xsd:string" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="SetStationAutoLogonResponse">
  <xsd:complexType/>
</xsd:element>

<!-- SetStationFriendlyName ([in] DWORD idStation, [in] BSTR bstrFriendlyName) -->
<xsd:element name="SetStationFriendlyName">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="idStation"
type="xsd:unsignedInt" />
      <xsd:element minOccurs="1" maxOccurs="1" name="wsFriendlyName"
type="xsd:string" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="SetStationFriendlyNameResponse">
  <xsd:complexType/>
</xsd:element>

<!-- SetStationServerName ([in] DWORD idStation, [in] BSTR bstrServerName, [in]
BSTR bstrVirtualMachineName) -->
<xsd:element name="SetStationServerName">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="idStation"
type="xsd:unsignedInt" />

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        <xsd:element minOccurs="1" maxOccurs="1" name="wsServerName" nillable="true"
type="xsd:string" />
        <xsd:element minOccurs="1" maxOccurs="1" name="wsVirtualMachineName"
nillable="true" type="xsd:string" />
    </xsd:sequence>
</xsd:complexType>
</xsd:element>
<xsd:element name="SetStationServerNameResponse">
    <xsd:complexType/>
</xsd:element>

<!-- SplitStation ([in] DWORD idStation, [in] ESplitStationOperation eOperation) --
>
    <xsd:element name="SplitStation">
        <xsd:complexType>
            <xsd:sequence>
                <xsd:element minOccurs="1" maxOccurs="1" name="idStation"
type="xsd:unsignedInt" />
                <xsd:element minOccurs="1" maxOccurs="1" name="eOperation"
type="xsd:unsignedInt" />
            </xsd:sequence>
        </xsd:complexType>
    </xsd:element>
    <xsd:element name="SplitStationResponse">
        <xsd:complexType/>
    </xsd:element>

    <!-- StopIdentifyingStation ([in] DWORD idStation) -->
    <xsd:element name="StopIdentifyingStation">
        <xsd:complexType>
            <xsd:sequence>
                <xsd:element minOccurs="1" maxOccurs="1" name="idStation"
type="xsd:unsignedInt" />
            </xsd:sequence>
        </xsd:complexType>
    </xsd:element>
    <xsd:element name="StopIdentifyingStationResponse">
        <xsd:complexType/>
    </xsd:element>

    <!-- GetDisplayRotation ([in] DWORD idStation, [out] EDisplayRotation
*peDisplayRotation) -->
    <xsd:element name="GetDisplayRotation">
        <xsd:complexType>
            <xsd:sequence>
                <xsd:element minOccurs="1" maxOccurs="1" name="idStation"
type="xsd:unsignedInt" />
            </xsd:sequence>
        </xsd:complexType>
    </xsd:element>
    <xsd:element name="GetDisplayRotationResponse">
        <xsd:complexType>
            <xsd:sequence>
                <xsd:element minOccurs="1" maxOccurs="1" name="peDisplayRotation"
type="xsd:unsignedInt" />
            </xsd:sequence>
        </xsd:complexType>
    </xsd:element>

    <!-- SetDisplayRotation ([in] DWORD idStation, [in] EDisplayRotation
eDisplayRotation) -->
    <xsd:element name="SetDisplayRotation">
        <xsd:complexType>
            <xsd:sequence>
                <xsd:element minOccurs="1" maxOccurs="1" name="idStation"
type="xsd:unsignedInt" />
                <xsd:element minOccurs="1" maxOccurs="1" name="eDisplayRotation"
type="xsd:unsignedInt" />
            </xsd:sequence>
        </xsd:complexType>
    </xsd:element>

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        </xsd:complexType>
    </xsd:element>
    <xsd:element name="SetDisplayRotationResponse">
        <xsd:complexType/>
    </xsd:element>

    <!-- IMultiPointSession -->

    <!-- CurrentActivity([in] DWORD idSession, [out] DWORD* pdwInactiveTicks, [out]
BSTR *pbstrCurrentActivity) -->
    <xsd:element name="CurrentActivity">
        <xsd:complexType>
            <xsd:sequence>
                <xsd:element minOccurs="1" maxOccurs="1" name="idSession"
type="xsd:unsignedInt" />
            </xsd:sequence>
        </xsd:complexType>
    </xsd:element>
    <xsd:element name="CurrentActivityResponse">
        <xsd:complexType>
            <xsd:sequence>
                <xsd:element minOccurs="0" maxOccurs="1" name="pdwInactiveTicks"
type="xsd:unsignedInt" />
                <xsd:element minOccurs="0" maxOccurs="1" name="pwsCurrentActivity"
type="xsd:string" />
            </xsd:sequence>
        </xsd:complexType>
    </xsd:element>

    <!-- CloseSessionApplication([in] DWORD idSession, [in] DWORD idProcess, [in]
ULONGLONG ullCreateTime, [in] ULONGLONG idWindow) -->
    <xsd:element name="CloseSessionApplication">
        <xsd:complexType>
            <xsd:sequence>
                <xsd:element minOccurs="1" maxOccurs="1" name="idSession"
type="xsd:unsignedInt" />
                <xsd:element minOccurs="1" maxOccurs="1" name="idProcess"
type="xsd:unsignedInt" />
                <xsd:element minOccurs="1" maxOccurs="1" name="ullCreateTime"
type="xsd:unsignedLong" />
                <xsd:element minOccurs="1" maxOccurs="1" name="idWindow"
type="xsd:unsignedLong" />
            </xsd:sequence>
        </xsd:complexType>
    </xsd:element>
    <xsd:element name="CloseSessionApplicationResponse">
        <xsd:complexType/>
    </xsd:element>

    <!-- ConfigureWebLimiting([in] DWORD idSession, [in] BOOL fIsInLimiting) -->
    <xsd:element name="ConfigureWebLimiting">
        <xsd:complexType>
            <xsd:sequence>
                <xsd:element minOccurs="1" maxOccurs="1" name="idSession"
type="xsd:unsignedInt" />
                <xsd:element minOccurs="1" maxOccurs="1" name="fIsInLimiting"
type="xsd:boolean" />
            </xsd:sequence>
        </xsd:complexType>
    </xsd:element>
    <xsd:element name="ConfigureWebLimitingResponse">
        <xsd:complexType/>
    </xsd:element>

    <!-- ConfigureWebLimitingAll([in] BSTR bstrAllowList, [in] BSTR bstrBlockList, [in]
BOOL fIsAllowedList) -->
    <xsd:element name="ConfigureWebLimitingAll">
        <xsd:complexType>
            <xsd:sequence>

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        <xsd:element minOccurs="1" maxOccurs="1" name="wsAllowList" type="xsd:string"
/>
        <xsd:element minOccurs="1" maxOccurs="1" name="wsBlockList" type="xsd:string"
/>
        <xsd:element minOccurs="1" maxOccurs="1" name="fIsAllowedList"
type="xsd:boolean" />
    </xsd:sequence>
</xsd:complexType>
</xsd:element>
<xsd:element name="ConfigureWebLimitingAllResponse">
    <xsd:complexType/>
</xsd:element>

<!-- EnableProjectToAll([in] BSTR bstrInvitation) -->
<xsd:element name="EnableProjectToAll">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="wsInvitation" nillable="true"
type="xsd:string" />
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>
<xsd:element name="EnableProjectToAllResponse">
    <xsd:complexType/>
</xsd:element>

<!-- EnableWebLimitingAll([in] BOOL fIsInLimiting) -->
<xsd:element name="EnableWebLimitingAll">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="fIsInLimiting"
type="xsd:boolean" />
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>
<xsd:element name="EnableWebLimitingAllResponse">
    <xsd:complexType/>
</xsd:element>

<!-- GetScreenState([in] DWORD idSession, [out] EScreenBroadcastState
*peCurrentBroadCastState, [out] BOOL *pfIsLocked, [out] BOOL *pfIsDisconnected, [out]
BOOL *pfIsPrivate) -->
<xsd:element name="GetScreenState">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="idSession"
type="xsd:unsignedInt" />
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>
<xsd:element name="GetScreenStateResponse">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="peCurrentBroadCastState"
type="xsd:unsignedInt" />
            <xsd:element minOccurs="1" maxOccurs="1" name="pfIsLocked" type="xsd:boolean"
/>
            <xsd:element minOccurs="1" maxOccurs="1" name="pfIsDisconnected"
type="xsd:boolean" />
            <xsd:element minOccurs="1" maxOccurs="1" name="pfIsPrivate"
type="xsd:boolean" />
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>

<!-- GetSessionAgentStatus([in] DWORD idSession, [out, retval]
EIdentifyStationState* peIdentifyStationState) -->
<xsd:element name="GetSessionAgentStatus">
    <xsd:complexType>

```



```

        <xsd:sequence>
          <xsd:element minOccurs="1" maxOccurs="1" name="idSession"
type="xsd:unsignedInt" />
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="GetSessionAgentStatusResponse">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element minOccurs="1" maxOccurs="1" name="peIdentifyStationState"
type="xsd:unsignedInt" />
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>

    <!-- GetSessionRunningApps([in] DWORD idSession, [out] BSTR
*pbstrCurrentRunningApps) -->
    <xsd:element name="GetSessionRunningApps">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element minOccurs="1" maxOccurs="1" name="idSession"
type="xsd:unsignedInt" />
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="GetSessionRunningAppsResponse">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element minOccurs="1" maxOccurs="1" name="pprgwsWmsRunningAppWs"
type="tns:ArrayOfWMS_RUNNING_APP_WS" />
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>

    <!-- GetThumbnailBits([in] DWORD idSession, [in] EOrchestrationThumbnailSize
eBitmapSize, [out] int* pcbDataBits, [out, size is(*pcbDataBits)] byte **ppbDataBits) --
>
    <xsd:element name="GetThumbnailBits">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element minOccurs="1" maxOccurs="1" name="idSession"
type="xsd:unsignedInt" />
          <xsd:element minOccurs="1" maxOccurs="1" name="eBitmapSize"
type="xsd:unsignedInt" />
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="GetThumbnailBitsResponse">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element minOccurs="0" maxOccurs="1" name="ppbDataBits"
type="xsd:base64Binary" xmlns:xmime="http://www.w3.org/2005/05/xmlmime" />
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>

    <!-- IdentifySession([in] DWORD idSession, [in] BSTR bstrStationName, [in] BSTR
bstrStationHost, [in] BSTR bstrSessionHost, [in] EIdentifyStationAction eAction) -->
    <xsd:element name="IdentifySession">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element minOccurs="1" maxOccurs="1" name="idSession"
type="xsd:unsignedInt" />
          <xsd:element minOccurs="1" maxOccurs="1" name="wsStationName"
type="xsd:string" />
          <xsd:element minOccurs="1" maxOccurs="1" name="wsStationHost"
type="xsd:string" />

```

```

        <xsd:element minOccurs="1" maxOccurs="1" name="wsSessionHost"
type="xsd:string" />
        <xsd:element minOccurs="1" maxOccurs="1" name="eAction"
type="xsd:unsignedInt" />
    </xsd:sequence>
</xsd:complexType>
</xsd:element>
<xsd:element name="IdentifySessionResponse">
    <xsd:complexType/>
</xsd:element>

<!-- GetSessionFlags([in] DWORD idSession, [out, retval] BOOL *pfIsAdmin) -->
<xsd:element name="GetSessionFlags">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="idSession"
type="xsd:unsignedInt" />
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>
<xsd:element name="GetSessionFlagsResponse">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="0" maxOccurs="1" name="pgrfSession"
type="xsd:unsignedInt" />
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>

<!-- LockSession([in] DWORD idSession, [in] BSTR bstrLockMessage) -->
<xsd:element name="LockSession">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="idSession"
type="xsd:unsignedInt" />
            <xsd:element minOccurs="1" maxOccurs="1" name="wsLockMessage"
type="xsd:string" />
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>
<xsd:element name="LockSessionResponse">
    <xsd:complexType/>
</xsd:element>

<!-- LogOffSession([in] DWORD idSession) -->
<xsd:element name="LogOffSession">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="idSession"
type="xsd:unsignedInt" />
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>
<xsd:element name="LogOffSessionResponse">
    <xsd:complexType/>
</xsd:element>

<!-- RunFileSession([in] DWORD idSession, [in] BSTR bstrFileToRun, [out] DWORD
*pdwResult) -->
<xsd:element name="RunFileSession">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="idSession"
type="xsd:unsignedInt" />
            <xsd:element minOccurs="1" maxOccurs="1" name="wsFileToRun" type="xsd:string"
/>
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>

```

```

<xsd:element name="RunFileSessionResponse">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="0" maxOccurs="1" name="pdwResult"
type="xsd:unsignedInt" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>

  <!-- ShareDesktop([in] DWORD idSession, [in] BOOL fRemoteControl, [in] int
iMaxViewers, [in] BSTR bstrTeacherName, [out] BSTR *pbstrInvitation) -->
  <xsd:element name="ShareDesktop">
    <xsd:complexType>
      <xsd:sequence>
        <xsd:element minOccurs="1" maxOccurs="1" name="idSession"
type="xsd:unsignedInt" />
        <xsd:element minOccurs="0" maxOccurs="1" name="eMode" type="xsd:unsignedInt"
/>
        <xsd:element minOccurs="1" maxOccurs="1" name="iMaxViewers" type="xsd:int" />
        <xsd:element minOccurs="0" maxOccurs="1" name="wsTeacherName"
type="xsd:string" />
      </xsd:sequence>
    </xsd:complexType>
  </xsd:element>
  <xsd:element name="ShareDesktopResponse">
    <xsd:complexType>
      <xsd:sequence>
        <xsd:element minOccurs="0" maxOccurs="1" name="pwsInvitation"
type="xsd:string" />
      </xsd:sequence>
    </xsd:complexType>
  </xsd:element>

  <!-- StopIdentifyingSession ([in] DWORD idSession) -->
  <xsd:element name="StopIdentifyingSession">
    <xsd:complexType>
      <xsd:sequence>
        <xsd:element minOccurs="1" maxOccurs="1" name="idSession"
type="xsd:unsignedInt" />
      </xsd:sequence>
    </xsd:complexType>
  </xsd:element>
  <xsd:element name="StopIdentifyingSessionResponse">
    <xsd:complexType/>
  </xsd:element>

  <!-- StopLockingSession([in] DWORD idSession) -->
  <xsd:element name="StopLockingSession">
    <xsd:complexType>
      <xsd:sequence>
        <xsd:element minOccurs="1" maxOccurs="1" name="idSession"
type="xsd:unsignedInt" />
      </xsd:sequence>
    </xsd:complexType>
  </xsd:element>
  <xsd:element name="StopLockingSessionResponse">
    <xsd:complexType/>
  </xsd:element>

  <!-- StopShareDesktop([in] DWORD idSession) -->
  <xsd:element name="StopShareDesktop">
    <xsd:complexType>
      <xsd:sequence>
        <xsd:element minOccurs="1" maxOccurs="1" name="idSession"
type="xsd:unsignedInt" />
      </xsd:sequence>
    </xsd:complexType>
  </xsd:element>
  <xsd:element name="StopShareDesktopResponse">

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```

        <xsd:complexType/>
    </xsd:element>

    <!-- ViewDesktop([in] DWORD idSession, [in] BSTR bstrInvitation, [in] BSTR
bstrTitle) -->
    <xsd:element name="ViewDesktop">
        <xsd:complexType>
            <xsd:sequence>
                <xsd:element minOccurs="1" maxOccurs="1" name="idSession"
type="xsd:unsignedInt" />
                <xsd:element minOccurs="0" maxOccurs="1" name="eMode" type="xsd:unsignedInt"
/>
                <xsd:element minOccurs="0" maxOccurs="1" name="wsInvitation"
type="xsd:string" />
                <xsd:element minOccurs="0" maxOccurs="1" name="wsTitle" type="xsd:string" />
            </xsd:sequence>
        </xsd:complexType>
    </xsd:element>
    <xsd:element name="ViewDesktopResponse">
        <xsd:complexType/>
    </xsd:element>

    <xsd:element name="DisconnectSession">
        <xsd:complexType>
            <xsd:sequence>
                <xsd:element minOccurs="1" maxOccurs="1" name="idSession"
type="xsd:unsignedInt" />
            </xsd:sequence>
        </xsd:complexType>
    </xsd:element>
    <xsd:element name="DisconnectSessionResponse">
        <xsd:complexType/>
    </xsd:element>

    <xsd:element name="LogOffConsoleSession">
        <xsd:complexType/>
    </xsd:element>
    <xsd:element name="LogOffConsoleSessionResponse">
        <xsd:complexType/>
    </xsd:element>

    <!-- IMultiPointDiskProtection -->

    <!-- GetFreeSpaceNeeded ([out] ULONGLONG * pullFreeSpaceNeeded) -->
    <xsd:element name="GetFreeSpaceNeeded">
        <xsd:complexType />
    </xsd:element>
    <xsd:element name="GetFreeSpaceNeededResponse">
        <xsd:complexType>
            <xsd:sequence>
                <xsd:element minOccurs="1" maxOccurs="1" name="pullFreeSpaceNeeded"
type="xsd:unsignedLong" />
            </xsd:sequence>
        </xsd:complexType>
    </xsd:element>

    <!-- GetMode ([out] EDiskProtectionMode *pdpm) -->
    <xsd:element name="GetMode">
        <xsd:complexType />
    </xsd:element>
    <xsd:element name="GetModeResponse">
        <xsd:complexType>
            <xsd:sequence>
                <xsd:element minOccurs="1" maxOccurs="1" name="pdpm" type="xsd:unsignedInt"
/>
            </xsd:sequence>
        </xsd:complexType>
    </xsd:element>

```

```

    </xsd:complexType>
  </xsd:element>

  <!-- GetScheduledUpdateSettings ([out] EScheduledUpdateMode *peMode, [out] DWORD
*piScheduledUpdateStartHour, [out] BSTR *pbstrCustomScriptFullPath, [out] DWORD
*pcMaxMinutesAllowedForCustomScript, [out] EScheduleUpdatesReturnState *peReturnState) --
>
  <xsd:element name="GetScheduledUpdateSettings">
    <xsd:complexType />
  </xsd:element>
  <xsd:element name="GetScheduledUpdateSettingsResponse">
    <xsd:complexType>
      <xsd:sequence>
        <xsd:element minOccurs="1" maxOccurs="1" name="peMode" type="xsd:unsignedInt"
/>
        <xsd:element minOccurs="1" maxOccurs="1" name="piScheduledUpdateStartHour"
type="xsd:unsignedInt" />
        <xsd:element minOccurs="1" maxOccurs="1" name="pwsCustomScriptFullPath"
type="xsd:string" />
        <xsd:element minOccurs="1" maxOccurs="1"
name="pcMaxMinutesAllowedForCustomScript" type="xsd:unsignedInt" />
        <xsd:element minOccurs="1" maxOccurs="1" name="peReturnState"
type="xsd:unsignedInt" />
      </xsd:sequence>
    </xsd:complexType>
  </xsd:element>

  <!-- Install (void) -->
  <xsd:element name="Install">
    <xsd:complexType />
  </xsd:element>
  <xsd:element name="InstallResponse">
    <xsd:complexType/>
  </xsd:element>

  <!-- IsInstalled ([out] BOOL *pfIsInstalled) -->
  <xsd:element name="IsInstalled">
    <xsd:complexType />
  </xsd:element>
  <xsd:element name="IsInstalledResponse">
    <xsd:complexType>
      <xsd:sequence>
        <xsd:element minOccurs="1" maxOccurs="1" name="pfIsInstalled"
type="xsd:boolean" />
      </xsd:sequence>
    </xsd:complexType>
  </xsd:element>

  <!-- SetMode ([in] EDiskProtectionMode dpm) -->
  <xsd:element name="SetMode">
    <xsd:complexType>
      <xsd:sequence>
        <xsd:element minOccurs="1" maxOccurs="1" name="dpm" type="xsd:unsignedInt" />
      </xsd:sequence>
    </xsd:complexType>
  </xsd:element>
  <xsd:element name="SetModeResponse">
    <xsd:complexType />
  </xsd:element>

  <!-- SetScheduledUpdateSettings ([in] EScheduledUpdateMode eMode, [in,
range(iHourMinScheduledUpdateStartTime,iHourMaxScheduledUpdateStartTime)] DWORD
iScheduledUpdateStartHour, [in] BSTR bstrCustomScriptFullPath, [in,
range(cMinutesMinScriptRunTime,cMinutesMaxScriptRunTime)] DWORD
cMaxMinutesAllowedForCustomScript, [in] EScheduleUpdatesReturnState eReturnState) -->
  <xsd:element name="SetScheduledUpdateSettings">
    <xsd:complexType>
      <xsd:sequence>

```

```

        <xsd:element minOccurs="1" maxOccurs="1" name="eMode" type="xsd:unsignedInt"
/>
        <xsd:element minOccurs="1" maxOccurs="1" name="iScheduledUpdateStartHour"
type="xsd:unsignedInt" />
        <xsd:element minOccurs="1" maxOccurs="1" name="wsCustomScriptFullPath"
type="xsd:string" />
        <xsd:element minOccurs="1" maxOccurs="1"
name="cMaxMinutesAllowedForCustomScript" type="xsd:unsignedInt" />
        <xsd:element minOccurs="1" maxOccurs="1" name="eReturnState"
type="xsd:unsignedInt" />
    </xsd:sequence>
</xsd:complexType>
</xsd:element>
<xsd:element name="SetScheduledUpdateSettingsResponse">
    <xsd:complexType/>
</xsd:element>

<!-- Uninstall ([in] EUninstallDiskProtectionStage udps) -->
<xsd:element name="Uninstall">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="udps" type="xsd:unsignedInt"
/>
            </xsd:sequence>
        </xsd:complexType>
    </xsd:element>
<xsd:element name="UninstallResponse">
    <xsd:complexType/>
</xsd:element>

<!-- IMultiPointChat -->

<!-- Connect ([in] BSTR bstrTeacherUserName, [in] GUID guidTeacherChat) -->
<xsd:element name="Connect">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="wsTeacherUserName"
type="xsd:string" />
            <xsd:element minOccurs="1" maxOccurs="1" name="guidDestChatId"
type="tns:guid" />
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>
<xsd:element name="ConnectResponse">
    <xsd:complexType/>
</xsd:element>

<!-- Disconnect ([in] GUID guidDestChatId) -->
<xsd:element name="Disconnect">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="guidDestChatId"
type="tns:guid" />
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>
<xsd:element name="DisconnectResponse">
    <xsd:complexType/>
</xsd:element>

<!-- GetChatId ([in] BSTR bstrTeacherServerName, [in] DWORD idTeacherSession, [in]
BSTR bstrTeacherUserName, [in] DWORD idStudentSession, [out] GUID *pguidStudentChat) -->
<xsd:element name="GetChatId">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="wsTeacherServerName"
type="xsd:string" />
            <xsd:element minOccurs="1" maxOccurs="1" name="idTeacherSession"
type="xsd:unsignedInt" />

```

```

        <xsd:element minOccurs="1" maxOccurs="1" name="wsTeacherUserName"
type="xsd:string" />
        <xsd:element minOccurs="1" maxOccurs="1" name="idStudentSession"
type="xsd:unsignedInt" />
    </xsd:sequence>
</xsd:complexType>
</xsd:element>
<xsd:element name="GetChatIdResponse">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="0" maxOccurs="1" name="pguidStudentChat"
type="tns:guid" />
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>

<!-- HRESULT Ping() -->
<xsd:element name="Ping">
    <xsd:complexType/>
</xsd:element>
<xsd:element name="PingResponse">
    <xsd:complexType/>
</xsd:element>

<!-- HRESULT SendError([in] GUID guidDestChatId, [in] HRESULT hrError, [in] BSTR
bstrErrorMsg) -->
<xsd:element name="SendError">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="guidDestChatId"
type="tns:guid" />
            <xsd:element minOccurs="1" maxOccurs="1" name="hrError"
type="xsd:unsignedInt" />
            <xsd:element minOccurs="1" maxOccurs="1" name="wsErrorMsg" type="xsd:string"
/>
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>
<xsd:element name="SendErrorResponse">
    <xsd:complexType/>
</xsd:element>

<!-- SendMsg ([in] BSTR bstrMessage, [in] GUID guidDestChatId) -->
<xsd:element name="SendMsg">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="wsMessage" type="xsd:string"
/>
            <xsd:element minOccurs="1" maxOccurs="1" name="guidDestChatId"
type="tns:guid" />
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>
<xsd:element name="SendMsgResponse">
    <xsd:complexType/>
</xsd:element>

<!-- IMultiPointCoreEventSink -->
<!-- OnAssociateSessionWithStation([in] DWORD idStation, [in] DWORD idSession, [in]
BSTR bstrServerName, [in] BSTR bstrVirtualMachineId) -->
<xsd:element name="OnAssociateSessionWithStation">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="idStation"
type="xsd:unsignedInt" />
            <xsd:element minOccurs="1" maxOccurs="1" name="idSession"
type="xsd:unsignedInt" />
            <xsd:element minOccurs="1" maxOccurs="1" name="wsServerName" nillable="true"
type="xsd:string" />

```

```

        <xsd:element minOccurs="1" maxOccurs="1" name="wsVirtualMachineId"
nillable="true" type="xsd:string" />
    </xsd:sequence>
</xsd:complexType>
</xsd:element>
<xsd:element name="OnAssociateSessionWithStationResponse">
    <xsd:complexType/>
</xsd:element>

<!-- OnBeginIdentifySession([in] DWORD idSession) -->
<xsd:element name="OnBeginIdentifySession">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="idSession"
type="xsd:unsignedInt" />
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>
<xsd:element name="OnBeginIdentifySessionResponse">
    <xsd:complexType/>
</xsd:element>

<!-- OnBeginIdentifyStation([in] DWORD idStation) -->
<xsd:element name="OnBeginIdentifyStation">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="idStation"
type="xsd:unsignedInt" />
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>
<xsd:element name="OnBeginIdentifyStationResponse">
    <xsd:complexType/>
</xsd:element>

<!-- OnBootToConsoleModeChange([in] BOOL fBootToConsoleModeEnabled) -->
<xsd:element name="OnBootToConsoleModeChange">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="fBootToConsoleModeEnabled"
type="xsd:boolean" />
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>
<xsd:element name="OnBootToConsoleModeChangeResponse">
    <xsd:complexType/>
</xsd:element>

<!-- OnConfigureStation([in] DWORD idStation) -->
<xsd:element name="OnConfigureStation">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="idStation"
type="xsd:unsignedInt" />
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>
<xsd:element name="OnConfigureStationResponse">
    <xsd:complexType/>
</xsd:element>

<!-- OnDesktopMonitoringChange([in] BOOL fDesktopMonitoringEnabled) -->
<xsd:element name="OnDesktopMonitoringChange">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="fDesktopMonitoringEnabled"
type="xsd:boolean" />
        </xsd:sequence>
    </xsd:complexType>

```



```

</xsd:element>
<xsd:element name="OnDesktopMonitoringChangeResponse">
  <xsd:complexType/>
</xsd:element>

<!-- OnDeviceAdded([in] DWORD idStation, [in] EDeviceType eType, [in] DWORD
cDevices) -->
<xsd:element name="OnDeviceAdded">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="idStation"
type="xsd:unsignedInt" />
      <xsd:element minOccurs="1" maxOccurs="1" name="eType" type="xsd:unsignedInt"
/>
      <xsd:element minOccurs="1" maxOccurs="1" name="cDevices"
type="xsd:unsignedInt" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="OnDeviceAddedResponse">
  <xsd:complexType/>
</xsd:element>

<!-- OnDeviceRemoved([in] DWORD idStation, [in] EDeviceType eType, [in] DWORD
cDevices) -->
<xsd:element name="OnDeviceRemoved">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="idStation"
type="xsd:unsignedInt" />
      <xsd:element minOccurs="1" maxOccurs="1" name="eType" type="xsd:unsignedInt"
/>
      <xsd:element minOccurs="1" maxOccurs="1" name="cDevices"
type="xsd:unsignedInt" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="OnDeviceRemovedResponse">
  <xsd:complexType/>
</xsd:element>

<!-- OnEndIdentifySession([in] DWORD idSession) -->
<xsd:element name="OnEndIdentifySession">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="idSession"
type="xsd:unsignedInt" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="OnEndIdentifySessionResponse">
  <xsd:complexType/>
</xsd:element>

<!-- OnEndIdentifyStation([in] DWORD idStation) -->
<xsd:element name="OnEndIdentifyStation">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="1" maxOccurs="1" name="idStation"
type="xsd:unsignedInt" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="OnEndIdentifyStationResponse">
  <xsd:complexType/>
</xsd:element>

<!-- OnEnterSplitScreen([in] DWORD idStation) -->
<xsd:element name="OnEnterSplitScreen">

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        <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) -->
        <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:sequence>
    </xsd:complexType>
</xsd:element>
<xsd:element name="OnSystemAlertResponse">
    <xsd:complexType/>
</xsd:element>

<!-- OnSystemModeChange([in] EWmsMode eType) -->
<xsd:element name="OnSystemModeChange">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="eType" type="xsd:unsignedInt"
/>
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>
<xsd:element name="OnSystemModeChangeResponse">
    <xsd:complexType/>
</xsd:element>

<!-- OnVirtualDesktopNotification([in] EVirtualDesktopNotificationType
eVirtualDesktopNotificationType, [in] DWORD idProgress, [in] BSTR bstrMessage) -->
<xsd:element name="OnVirtualDesktopNotification">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1"
name="eVirtualDesktopNotificationType" type="xsd:unsignedInt" />
            <xsd:element minOccurs="1" maxOccurs="1" name="idProgress"
type="xsd:unsignedInt" />
            <xsd:element minOccurs="1" maxOccurs="1" name="wsMessage" nillable="true"
type="xsd:string" />
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>
<xsd:element name="OnVirtualDesktopNotificationResponse">
    <xsd:complexType/>
</xsd:element>

<!-- OnVirtualDesktopOnline([in] BSTR bstrVirtualMachineId, [in] BSTR bstrHostName)
-->
<xsd:element name="OnVirtualDesktopOnline">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="wsVirtualMachineId"
nillable="true" type="xsd:string" />
            <xsd:element minOccurs="1" maxOccurs="1" name="wsHostName" nillable="true"
type="xsd:string" />
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>
<xsd:element name="OnVirtualDesktopOnlineResponse">
    <xsd:complexType/>
</xsd:element>

<!-- ShutdownNotification() -->
<xsd:element name="ShutdownNotification">
    <xsd:complexType/>
</xsd:element>
<xsd:element name="ShutdownNotificationResponse">
    <xsd:complexType/>
</xsd:element>

<!-- OnUserCreated([in] BSTR bstrUserName) -->
<xsd:element name="OnUserCreated">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element minOccurs="1" maxOccurs="1" name="wsUserName" nillable="true"
type="xsd:string" />
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>

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```

        </xsd:complexType>
    </xsd:element>
    <xsd:element name="OnUserCreatedResponse">
        <xsd:complexType/>
    </xsd:element>

    <!-- OnUserUpdated([in] BSTR bstrUserName) -->
    <xsd:element name="OnUserUpdated">
        <xsd:complexType>
            <xsd:sequence>
                <xsd:element minOccurs="1" maxOccurs="1" name="wsUserName" nillable="true"
type="xsd:string" />
            </xsd:sequence>
        </xsd:complexType>
    </xsd:element>
    <xsd:element name="OnUserUpdatedResponse">
        <xsd:complexType/>
    </xsd:element>

    <!-- OnUserDeleted([in] BSTR bstrUserName) -->
    <xsd:element name="OnUserDeleted">
        <xsd:complexType>
            <xsd:sequence>
                <xsd:element minOccurs="1" maxOccurs="1" name="wsUserName" nillable="true"
type="xsd:string" />
            </xsd:sequence>
        </xsd:complexType>
    </xsd:element>
    <xsd:element name="OnUserDeletedResponse">
        <xsd:complexType/>
    </xsd:element>

    <!-- OnGroupUpdated() -->
    <xsd:element name="OnGroupUpdated">
        <xsd:complexType/>
    </xsd:element>
    <xsd:element name="OnGroupUpdatedResponse">
        <xsd:complexType/>
    </xsd:element>

</xsd:schema>
</wsdl:types>

<wsdl:message name="WmsFaultMessage">
    <wsdl:part name="parameters" element="tns:WmsFaultType" />
</wsdl:message>

<!-- IMultiPointCertificateRequest -->
<wsdl:message name="GetProtocolVersionSoapIn">
    <wsdl:part name="parameters" element="tns:GetProtocolVersion" />
</wsdl:message>
<wsdl:message name="GetProtocolVersionSoapOut">
    <wsdl:part name="parameters" element="tns:GetProtocolVersionResponse" />
</wsdl:message>

<wsdl:message name="RequestSslCertificateSoapIn">
    <wsdl:part name="parameters" element="tns:RequestSslCertificate" />
</wsdl:message>
<wsdl:message name="RequestSslCertificateSoapOut">
    <wsdl:part name="parameters" element="tns:RequestSslCertificateResponse" />
</wsdl:message>

<!-- IMultiPointCredentialRequest -->
<wsdl:message name="SetSslCertificateSoapIn">
    <wsdl:part name="parameters" element="tns:SetSslCertificate" />
</wsdl:message>
<wsdl:message name="SetSslCertificateSoapOut">
    <wsdl:part name="parameters" element="tns:SetSslCertificateResponse" />

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</wsdl:message>
<wsdl:message name="RequestWmsControlCredentialsSoapIn">
  <wsdl:part name="parameters" element="tns:RequestWmsControlCredentials" />
</wsdl:message>
<wsdl:message name="RequestWmsControlCredentialsSoapOut">
  <wsdl:part name="parameters" element="tns:RequestWmsControlCredentialsResponse" />
</wsdl:message>

<!-- IMultiPointSystemOnlineEventSink -->
<wsdl:message name="OnManagedServerOfflineNotifySoapIn">
  <wsdl:part name="parameters" element="tns:OnManagedServerOfflineNotify" />
</wsdl:message>
<wsdl:message name="OnManagedServerOfflineNotifySoapOut">
  <wsdl:part name="parameters" element="tns:OnManagedServerOfflineNotifyResponse" />
</wsdl:message>
<wsdl:message name="OnManagedServerOnlineNotifySoapIn">
  <wsdl:part name="parameters" element="tns:OnManagedServerOnlineNotify" />
</wsdl:message>
<wsdl:message name="OnManagedServerOnlineNotifySoapOut">
  <wsdl:part name="parameters" element="tns:OnManagedServerOnlineNotifyResponse" />
</wsdl:message>
<wsdl:message name="OnNewServerCertificateReadySoapIn">
  <wsdl:part name="parameters" element="tns:OnNewServerCertificateReady" />
</wsdl:message>
<wsdl:message name="OnNewServerCertificateReadySoapOut">
  <wsdl:part name="parameters" element="tns:OnNewServerCertificateReadyResponse" />
</wsdl:message>

<!-- IMultiPointServer -->
<wsdl:message name="EnumerateUsersSoapIn">
  <wsdl:part name="parameters" element="tns:EnumerateUsers" />
</wsdl:message>
<wsdl:message name="EnumerateUsersSoapOut">
  <wsdl:part name="parameters" element="tns:EnumerateUsersResponse" />
</wsdl:message>
<wsdl:message name="GetAllSessionsSoapIn">
  <wsdl:part name="parameters" element="tns:GetAllSessions" />
</wsdl:message>
<wsdl:message name="GetAllSessionsSoapOut">
  <wsdl:part name="parameters" element="tns:GetAllSessionsResponse" />
</wsdl:message>
<wsdl:message name="GetClientVersionSoapIn">
  <wsdl:part name="parameters" element="tns:GetClientVersion" />
</wsdl:message>
<wsdl:message name="GetClientVersionSoapOut">
  <wsdl:part name="parameters" element="tns:GetClientVersionResponse" />
</wsdl:message>
<wsdl:message name="GetPeerWmsServerListSoapIn">
  <wsdl:part name="parameters" element="tns:GetPeerWmsServerList" />
</wsdl:message>
<wsdl:message name="GetPeerWmsServerListSoapOut">
  <wsdl:part name="parameters" element="tns:GetPeerWmsServerListResponse" />
</wsdl:message>
<wsdl:message name="GetPeerWmsConnectorListSoapIn">
  <wsdl:part name="parameters" element="tns:GetPeerWmsConnectorList" />
</wsdl:message>
<wsdl:message name="GetPeerWmsConnectorListSoapOut">
  <wsdl:part name="parameters" element="tns:GetPeerWmsConnectorListResponse" />
</wsdl:message>
<wsdl:message name="GetServerVersionSoapIn">
  <wsdl:part name="parameters" element="tns:GetServerVersion" />
</wsdl:message>
<wsdl:message name="GetServerVersionSoapOut">
  <wsdl:part name="parameters" element="tns:GetServerVersionResponse" />
</wsdl:message>
<wsdl:message name="GetSystemAlertStatusSoapIn">
  <wsdl:part name="parameters" element="tns:GetSystemAlertStatus" />
</wsdl:message>
<wsdl:message name="GetSystemAlertStatusSoapOut">

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    <wsdl:part name="parameters" element="tns:GetSystemAlertStatusResponse" />
</wsdl:message>
<wsdl:message name="GetSystemModeSoapIn">
    <wsdl:part name="parameters" element="tns:GetSystemMode" />
</wsdl:message>
<wsdl:message name="GetSystemModeSoapOut">
    <wsdl:part name="parameters" element="tns:GetSystemModeResponse" />
</wsdl:message>
<wsdl:message name="GetVirtualMachineIpAddressSoapIn">
    <wsdl:part name="parameters" element="tns:GetVirtualMachineIpAddress" />
</wsdl:message>
<wsdl:message name="GetVirtualMachineIpAddressSoapOut">
    <wsdl:part name="parameters" element="tns:GetVirtualMachineIpAddressResponse" />
</wsdl:message>
<wsdl:message name="OnboardVirtualDesktopSoapIn">
    <wsdl:part name="parameters" element="tns:OnboardVirtualDesktop" />
</wsdl:message>
<wsdl:message name="OnboardVirtualDesktopSoapOut">
    <wsdl:part name="parameters" element="tns:OnboardVirtualDesktopResponse" />
</wsdl:message>
<wsdl:message name="RebootSoapIn">
    <wsdl:part name="parameters" element="tns:Reboot" />
</wsdl:message>
<wsdl:message name="RebootSoapOut">
    <wsdl:part name="parameters" element="tns:RebootResponse" />
</wsdl:message>
<wsdl:message name="RegisterChatEventSinkSoapIn">
    <wsdl:part name="parameters" element="tns:RegisterChatEventSink" />
</wsdl:message>
<wsdl:message name="RegisterChatEventSinkSoapOut">
    <wsdl:part name="parameters" element="tns:RegisterChatEventSinkResponse" />
</wsdl:message>
<wsdl:message name="RegisterCoreEventSinkSoapIn">
    <wsdl:part name="parameters" element="tns:RegisterCoreEventSink" />
</wsdl:message>
<wsdl:message name="RegisterCoreEventSinkSoapOut">
    <wsdl:part name="parameters" element="tns:RegisterCoreEventSinkResponse" />
</wsdl:message>
<wsdl:message name="ShutdownSoapIn">
    <wsdl:part name="parameters" element="tns:Shutdown" />
</wsdl:message>
<wsdl:message name="ShutdownSoapOut">
    <wsdl:part name="parameters" element="tns:ShutdownResponse" />
</wsdl:message>
<wsdl:message name="UnregisterChatEventSinkSoapIn">
    <wsdl:part name="parameters" element="tns:UnregisterChatEventSink" />
</wsdl:message>
<wsdl:message name="UnregisterChatEventSinkSoapOut">
    <wsdl:part name="parameters" element="tns:UnregisterChatEventSinkResponse" />
</wsdl:message>
<wsdl:message name="UnregisterCoreEventSinkSoapIn">
    <wsdl:part name="parameters" element="tns:UnregisterCoreEventSink" />
</wsdl:message>
<wsdl:message name="UnregisterCoreEventSinkSoapOut">
    <wsdl:part name="parameters" element="tns:UnregisterCoreEventSinkResponse" />
</wsdl:message>
<wsdl:message name="AddUserSoapIn">
    <wsdl:part name="parameters" element="tns:AddUser" />
</wsdl:message>
<wsdl:message name="AddUserSoapOut">
    <wsdl:part name="parameters" element="tns:AddUserResponse" />
</wsdl:message>
<wsdl:message name="EnableChatSoapIn">
    <wsdl:part name="parameters" element="tns:EnableChat" />
</wsdl:message>
<wsdl:message name="EnableChatSoapOut">
    <wsdl:part name="parameters" element="tns:EnableChatResponse" />
</wsdl:message>
<wsdl:message name="GetLicenseCountSoapIn">

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```

    <wsdl:part name="parameters" element="tns:GetLicenseCount" />
</wsdl:message>
<wsdl:message name="GetLicenseCountSoapOut">
    <wsdl:part name="parameters" element="tns:GetLicenseCountResponse" />
</wsdl:message>
<wsdl:message name="GetManagedSystemsTypeSoapIn">
    <wsdl:part name="parameters" element="tns:GetManagedSystemsType" />
</wsdl:message>
<wsdl:message name="GetManagedSystemsTypeSoapOut">
    <wsdl:part name="parameters" element="tns:GetManagedSystemsTypeResponse" />
</wsdl:message>
<wsdl:message name="GetNetJoinStatusSoapIn">
    <wsdl:part name="parameters" element="tns:GetNetJoinStatus" />
</wsdl:message>
<wsdl:message name="GetNetJoinStatusSoapOut">
    <wsdl:part name="parameters" element="tns:GetNetJoinStatusResponse" />
</wsdl:message>
<wsdl:message name="GetVirtualMachineHostnameSoapIn">
    <wsdl:part name="parameters" element="tns:GetVirtualMachineHostname" />
</wsdl:message>
<wsdl:message name="GetVirtualMachineHostnameSoapOut">
    <wsdl:part name="parameters" element="tns:GetVirtualMachineHostnameResponse" />
</wsdl:message>
<wsdl:message name="GetWmsWebLimitingSoapIn">
    <wsdl:part name="parameters" element="tns:GetWmsWebLimiting" />
</wsdl:message>
<wsdl:message name="GetWmsWebLimitingSoapOut">
    <wsdl:part name="parameters" element="tns:GetWmsWebLimitingResponse" />
</wsdl:message>
<wsdl:message name="IsBootToConsoleModeSoapIn">
    <wsdl:part name="parameters" element="tns:IsBootToConsoleMode" />
</wsdl:message>
<wsdl:message name="IsBootToConsoleModeSoapOut">
    <wsdl:part name="parameters" element="tns:IsBootToConsoleModeResponse" />
</wsdl:message>
<wsdl:message name="IsAdminOrchestrationModeSoapIn">
    <wsdl:part name="parameters" element="tns:IsAdminOrchestrationMode" />
</wsdl:message>
<wsdl:message name="IsAdminOrchestrationModeSoapOut">
    <wsdl:part name="parameters" element="tns:IsAdminOrchestrationModeResponse" />
</wsdl:message>
<wsdl:message name="IsChatEnabledSoapIn">
    <wsdl:part name="parameters" element="tns:IsChatEnabled" />
</wsdl:message>
<wsdl:message name="IsChatEnabledSoapOut">
    <wsdl:part name="parameters" element="tns:IsChatEnabledResponse" />
</wsdl:message>
<wsdl:message name="IsDesktopMonitoringAllowedSoapIn">
    <wsdl:part name="parameters" element="tns:IsDesktopMonitoringAllowed" />
</wsdl:message>
<wsdl:message name="IsDesktopMonitoringAllowedSoapOut">
    <wsdl:part name="parameters" element="tns:IsDesktopMonitoringAllowedResponse" />
</wsdl:message>
<wsdl:message name="IsHypervisorPresentSoapIn">
    <wsdl:part name="parameters" element="tns:IsHypervisorPresent" />
</wsdl:message>
<wsdl:message name="IsHypervisorPresentSoapOut">
    <wsdl:part name="parameters" element="tns:IsHypervisorPresentResponse" />
</wsdl:message>
<wsdl:message name="IsSingleSessionPerUserSoapIn">
    <wsdl:part name="parameters" element="tns:IsSingleSessionPerUser" />
</wsdl:message>
<wsdl:message name="IsSingleSessionPerUserSoapOut">
    <wsdl:part name="parameters" element="tns:IsSingleSessionPerUserResponse" />
</wsdl:message>
<wsdl:message name="IsSuppressPrivacyNotificationSetSoapIn">
    <wsdl:part name="parameters" element="tns:IsSuppressPrivacyNotificationSet" />
</wsdl:message>
<wsdl:message name="IsSuppressPrivacyNotificationSetSoapOut">

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```

    <wsdl:part name="parameters" element="tns:IsSuppressPrivacyNotificationSetResponse"
  />
</wsdl:message>
<wsdl:message name="ValidateAutoLogonAccountSoapIn">
  <wsdl:part name="parameters" element="tns:ValidateAutoLogonAccount" />
</wsdl:message>
<wsdl:message name="ValidateAutoLogonAccountSoapOut">
  <wsdl:part name="parameters" element="tns:ValidateAutoLogonAccountResponse" />
</wsdl:message>
<wsdl:message name="IsVirtualIpPerSessionEnabledSoapIn">
  <wsdl:part name="parameters" element="tns:IsVirtualIpPerSessionEnabled" />
</wsdl:message>
<wsdl:message name="IsVirtualIpPerSessionEnabledSoapOut">
  <wsdl:part name="parameters" element="tns:IsVirtualIpPerSessionEnabledResponse" />
</wsdl:message>
<wsdl:message name="LoadWindowsEditionSoapIn">
  <wsdl:part name="parameters" element="tns:LoadWindowsEdition" />
</wsdl:message>
<wsdl:message name="LoadWindowsEditionSoapOut">
  <wsdl:part name="parameters" element="tns:LoadWindowsEditionResponse" />
</wsdl:message>
<wsdl:message name="RemoveUserSoapIn">
  <wsdl:part name="parameters" element="tns:RemoveUser" />
</wsdl:message>
<wsdl:message name="RemoveUserSoapOut">
  <wsdl:part name="parameters" element="tns:RemoveUserResponse" />
</wsdl:message>
<wsdl:message name="SetBlockAllMessageSoapIn">
  <wsdl:part name="parameters" element="tns:SetBlockAllMessage" />
</wsdl:message>
<wsdl:message name="SetBlockAllMessageSoapOut">
  <wsdl:part name="parameters" element="tns:SetBlockAllMessageResponse" />
</wsdl:message>
<wsdl:message name="SetBootToConsoleModeSoapIn">
  <wsdl:part name="parameters" element="tns:SetBootToConsoleMode" />
</wsdl:message>
<wsdl:message name="SetBootToConsoleModeSoapOut">
  <wsdl:part name="parameters" element="tns:SetBootToConsoleModeResponse" />
</wsdl:message>
<wsdl:message name="SetAdminOrchestrationModeSoapIn">
  <wsdl:part name="parameters" element="tns:SetAdminOrchestrationMode" />
</wsdl:message>
<wsdl:message name="SetAdminOrchestrationModeSoapOut">
  <wsdl:part name="parameters" element="tns:SetAdminOrchestrationModeResponse" />
</wsdl:message>
<wsdl:message name="SetSuppressPrivacyNotificationSoapIn">
  <wsdl:part name="parameters" element="tns:SetSuppressPrivacyNotification" />
</wsdl:message>
<wsdl:message name="SetSuppressPrivacyNotificationSoapOut">
  <wsdl:part name="parameters" element="tns:SetSuppressPrivacyNotificationResponse" />
</wsdl:message>
<wsdl:message name="SetUserInfoSoapIn">
  <wsdl:part name="parameters" element="tns:SetUserInfo" />
</wsdl:message>
<wsdl:message name="SetUserInfoSoapOut">
  <wsdl:part name="parameters" element="tns:SetUserInfoResponse" />
</wsdl:message>
<wsdl:message name="EnableVirtualIpPerSessionSoapIn">
  <wsdl:part name="parameters" element="tns:EnableVirtualIpPerSession" />
</wsdl:message>
<wsdl:message name="EnableVirtualIpPerSessionSoapOut">
  <wsdl:part name="parameters" element="tns:EnableVirtualIpPerSessionResponse" />
</wsdl:message>
<wsdl:message name="SetDesktopMonitoringSoapIn">
  <wsdl:part name="parameters" element="tns:SetDesktopMonitoring" />
</wsdl:message>
<wsdl:message name="SetDesktopMonitoringSoapOut">
  <wsdl:part name="parameters" element="tns:SetDesktopMonitoringResponse" />
</wsdl:message>

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<wsdl:message name="SetSingleSessionPerUserSoapIn">
  <wsdl:part name="parameters" element="tns:SetSingleSessionPerUser" />
</wsdl:message>
<wsdl:message name="SetSingleSessionPerUserSoapOut">
  <wsdl:part name="parameters" element="tns:SetSingleSessionPerUserResponse" />
</wsdl:message>
<wsdl:message name="GetReplacementSslCertificateSoapIn">
  <wsdl:part name="parameters" element="tns:GetReplacementSslCertificate" />
</wsdl:message>
<wsdl:message name="GetReplacementSslCertificateSoapOut">
  <wsdl:part name="parameters" element="tns:GetReplacementSslCertificateResponse" />
</wsdl:message>
<wsdl:message name="SetReplacementSslCertificateSoapIn">
  <wsdl:part name="parameters" element="tns:SetReplacementSslCertificate" />
</wsdl:message>
<wsdl:message name="SetReplacementSslCertificateSoapOut">
  <wsdl:part name="parameters" element="tns:SetReplacementSslCertificateResponse" />
</wsdl:message>
<wsdl:message name="GetUseHardwareGpuSoapIn">
  <wsdl:part name="parameters" element="tns:GetUseHardwareGpu" />
</wsdl:message>
<wsdl:message name="GetUseHardwareGpuSoapOut">
  <wsdl:part name="parameters" element="tns:GetUseHardwareGpuResponse" />
</wsdl:message>
<wsdl:message name="SetUseHardwareGpuSoapIn">
  <wsdl:part name="parameters" element="tns:SetUseHardwareGpu" />
</wsdl:message>
<wsdl:message name="SetUseHardwareGpuSoapOut">
  <wsdl:part name="parameters" element="tns:SetUseHardwareGpuResponse" />
</wsdl:message>

<!-- IMultiPointStation -->
<wsdl:message name="GetNextStationIdentifierSoapIn">
  <wsdl:part name="parameters" element="tns:GetNextStationIdentifier" />
</wsdl:message>
<wsdl:message name="GetNextStationIdentifierSoapOut">
  <wsdl:part name="parameters" element="tns:GetNextStationIdentifierResponse" />
</wsdl:message>

<wsdl:message name="GetStationAlertStatusSoapIn">
  <wsdl:part name="parameters" element="tns:GetStationAlertStatus" />
</wsdl:message>
<wsdl:message name="GetStationAlertStatusSoapOut">
  <wsdl:part name="parameters" element="tns:GetStationAlertStatusResponse" />
</wsdl:message>

<wsdl:message name="GetStationAutoLogonInformationSoapIn">
  <wsdl:part name="parameters" element="tns:GetStationAutoLogonInformation" />
</wsdl:message>
<wsdl:message name="GetStationAutoLogonInformationSoapOut">
  <wsdl:part name="parameters" element="tns:GetStationAutoLogonInformationResponse" />
</wsdl:message>

<wsdl:message name="GetStationDeviceInformationSoapIn">
  <wsdl:part name="parameters" element="tns:GetStationDeviceInformation" />
</wsdl:message>
<wsdl:message name="GetStationDeviceInformationSoapOut">
  <wsdl:part name="parameters" element="tns:GetStationDeviceInformationResponse" />
</wsdl:message>

<wsdl:message name="GetStationFriendlyNameSoapIn">
  <wsdl:part name="parameters" element="tns:GetStationFriendlyName" />
</wsdl:message>
<wsdl:message name="GetStationFriendlyNameSoapOut">
  <wsdl:part name="parameters" element="tns:GetStationFriendlyNameResponse" />
</wsdl:message>

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<wsdl:message name="GetStationInformationSoapIn">
  <wsdl:part name="parameters" element="tns:GetStationInformation" />
</wsdl:message>
<wsdl:message name="GetStationInformationSoapOut">
  <wsdl:part name="parameters" element="tns:GetStationInformationResponse" />
</wsdl:message>

<wsdl:message name="GetStationServerNameSoapIn">
  <wsdl:part name="parameters" element="tns:GetStationServerName" />
</wsdl:message>
<wsdl:message name="GetStationServerNameSoapOut">
  <wsdl:part name="parameters" element="tns:GetStationServerNameResponse" />
</wsdl:message>

<wsdl:message name="GetStationSplitScreenInformationSoapIn">
  <wsdl:part name="parameters" element="tns:GetStationSplitScreenInformation" />
</wsdl:message>
<wsdl:message name="GetStationSplitScreenInformationSoapOut">
  <wsdl:part name="parameters" element="tns:GetStationSplitScreenInformationResponse"
/>
</wsdl:message>

<wsdl:message name="IdentifyStationSoapIn">
  <wsdl:part name="parameters" element="tns:IdentifyStation" />
</wsdl:message>
<wsdl:message name="IdentifyStationSoapOut">
  <wsdl:part name="parameters" element="tns:IdentifyStationResponse" />
</wsdl:message>

<wsdl:message name="RefreshStationSoapIn">
  <wsdl:part name="parameters" element="tns:RefreshStation" />
</wsdl:message>
<wsdl:message name="RefreshStationSoapOut">
  <wsdl:part name="parameters" element="tns:RefreshStationResponse" />
</wsdl:message>

<wsdl:message name="RemapStationsSoapIn">
  <wsdl:part name="parameters" element="tns:RemapStations" />
</wsdl:message>
<wsdl:message name="RemapStationsSoapOut">
  <wsdl:part name="parameters" element="tns:RemapStationsResponse" />
</wsdl:message>

<wsdl:message name="BlockUsbStorageDevicesAllStationsSoapIn">
  <wsdl:part name="parameters" element="tns:BlockUsbStorageDevicesAllStations" />
</wsdl:message>
<wsdl:message name="BlockUsbStorageDevicesAllStationsSoapOut">
  <wsdl:part name="parameters" element="tns:BlockUsbStorageDevicesAllStationsResponse"
/>
</wsdl:message>

<wsdl:message name="UnblockUsbStorageDevicesAllStationsSoapIn">
  <wsdl:part name="parameters" element="tns:UnblockUsbStorageDevicesAllStations" />
</wsdl:message>
<wsdl:message name="UnblockUsbStorageDevicesAllStationsSoapOut">
  <wsdl:part name="parameters"
element="tns:UnblockUsbStorageDevicesAllStationsResponse" />
</wsdl:message>

<wsdl:message name="BlockUsbStorageDevicesSoapIn">
  <wsdl:part name="parameters" element="tns:BlockUsbStorageDevices" />
</wsdl:message>
<wsdl:message name="BlockUsbStorageDevicesSoapOut">
  <wsdl:part name="parameters" element="tns:BlockUsbStorageDevicesResponse" />
</wsdl:message>

<wsdl:message name="UnblockUsbStorageDevicesSoapIn">
  <wsdl:part name="parameters" element="tns:UnblockUsbStorageDevices" />

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</wsdl:message>
<wsdl:message name="UnblockUsbStorageDevicesSoapOut">
  <wsdl:part name="parameters" element="tns:UnblockUsbStorageDevicesResponse" />
</wsdl:message>

<wsdl:message name="IsUsbStorageDeviceBlockedSoapIn">
  <wsdl:part name="parameters" element="tns:IsUsbStorageDeviceBlocked" />
</wsdl:message>
<wsdl:message name="IsUsbStorageDeviceBlockedSoapOut">
  <wsdl:part name="parameters" element="tns:IsUsbStorageDeviceBlockedResponse" />
</wsdl:message>

<wsdl:message name="SetStationAutoLogonSoapIn">
  <wsdl:part name="parameters" element="tns:SetStationAutoLogon" />
</wsdl:message>
<wsdl:message name="SetStationAutoLogonSoapOut">
  <wsdl:part name="parameters" element="tns:SetStationAutoLogonResponse" />
</wsdl:message>

<wsdl:message name="SetStationFriendlyNameSoapIn">
  <wsdl:part name="parameters" element="tns:SetStationFriendlyName" />
</wsdl:message>
<wsdl:message name="SetStationFriendlyNameSoapOut">
  <wsdl:part name="parameters" element="tns:SetStationFriendlyNameResponse" />
</wsdl:message>

<wsdl:message name="SetStationServerNameSoapIn">
  <wsdl:part name="parameters" element="tns:SetStationServerName" />
</wsdl:message>
<wsdl:message name="SetStationServerNameSoapOut">
  <wsdl:part name="parameters" element="tns:SetStationServerNameResponse" />
</wsdl:message>

<wsdl:message name="SplitStationSoapIn">
  <wsdl:part name="parameters" element="tns:SplitStation" />
</wsdl:message>
<wsdl:message name="SplitStationSoapOut">
  <wsdl:part name="parameters" element="tns:SplitStationResponse" />
</wsdl:message>

<wsdl:message name="StopIdentifyingStationSoapIn">
  <wsdl:part name="parameters" element="tns:StopIdentifyingStation" />
</wsdl:message>
<wsdl:message name="StopIdentifyingStationSoapOut">
  <wsdl:part name="parameters" element="tns:StopIdentifyingStationResponse" />
</wsdl:message>

<wsdl:message name="GetDisplayRotationSoapIn">
  <wsdl:part name="parameters" element="tns:GetDisplayRotation" />
</wsdl:message>
<wsdl:message name="GetDisplayRotationSoapOut">
  <wsdl:part name="parameters" element="tns:GetDisplayRotationResponse" />
</wsdl:message>

<wsdl:message name="SetDisplayRotationSoapIn">
  <wsdl:part name="parameters" element="tns:SetDisplayRotation" />
</wsdl:message>
<wsdl:message name="SetDisplayRotationSoapOut">
  <wsdl:part name="parameters" element="tns:SetDisplayRotationResponse" />
</wsdl:message>

<!-- IMultiPointSession -->
<wsdl:message name="CurrentActivitySoapIn">
  <wsdl:part name="parameters" element="tns:CurrentActivity" />
</wsdl:message>
<wsdl:message name="CurrentActivitySoapOut">
  <wsdl:part name="parameters" element="tns:CurrentActivityResponse" />
</wsdl:message>

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<wsdl:message name="CloseSessionApplicationSoapIn">
  <wsdl:part name="parameters" element="tns:CloseSessionApplication" />
</wsdl:message>
<wsdl:message name="CloseSessionApplicationSoapOut">
  <wsdl:part name="parameters" element="tns:CloseSessionApplicationResponse" />
</wsdl:message>

<wsdl:message name="ConfigureWebLimitingSoapIn">
  <wsdl:part name="parameters" element="tns:ConfigureWebLimiting" />
</wsdl:message>
<wsdl:message name="ConfigureWebLimitingSoapOut">
  <wsdl:part name="parameters" element="tns:ConfigureWebLimitingResponse" />
</wsdl:message>

<wsdl:message name="ConfigureWebLimitingAllSoapIn">
  <wsdl:part name="parameters" element="tns:ConfigureWebLimitingAll" />
</wsdl:message>
<wsdl:message name="ConfigureWebLimitingAllSoapOut">
  <wsdl:part name="parameters" element="tns:ConfigureWebLimitingAllResponse" />
</wsdl:message>

<wsdl:message name="EnableProjectToAllSoapIn">
  <wsdl:part name="parameters" element="tns:EnableProjectToAll" />
</wsdl:message>
<wsdl:message name="EnableProjectToAllSoapOut">
  <wsdl:part name="parameters" element="tns:EnableProjectToAllResponse" />
</wsdl:message>

<wsdl:message name="EnableWebLimitingAllSoapIn">
  <wsdl:part name="parameters" element="tns:EnableWebLimitingAll" />
</wsdl:message>
<wsdl:message name="EnableWebLimitingAllSoapOut">
  <wsdl:part name="parameters" element="tns:EnableWebLimitingAllResponse" />
</wsdl:message>

<wsdl:message name="GetScreenStateSoapIn">
  <wsdl:part name="parameters" element="tns:GetScreenState" />
</wsdl:message>
<wsdl:message name="GetScreenStateSoapOut">
  <wsdl:part name="parameters" element="tns:GetScreenStateResponse" />
</wsdl:message>

<wsdl:message name="GetSessionAgentStatusSoapIn">
  <wsdl:part name="parameters" element="tns:GetSessionAgentStatus" />
</wsdl:message>
<wsdl:message name="GetSessionAgentStatusSoapOut">
  <wsdl:part name="parameters" element="tns:GetSessionAgentStatusResponse" />
</wsdl:message>

<wsdl:message name="GetSessionRunningAppsSoapIn">
  <wsdl:part name="parameters" element="tns:GetSessionRunningApps" />
</wsdl:message>
<wsdl:message name="GetSessionRunningAppsSoapOut">
  <wsdl:part name="parameters" element="tns:GetSessionRunningAppsResponse" />
</wsdl:message>

<wsdl:message name="GetThumbnailBitsSoapIn">
  <wsdl:part name="parameters" element="tns:GetThumbnailBits" />
</wsdl:message>
<wsdl:message name="GetThumbnailBitsSoapOut">
  <wsdl:part name="parameters" element="tns:GetThumbnailBitsResponse" />
</wsdl:message>

<wsdl:message name="IdentifySessionSoapIn">
  <wsdl:part name="parameters" element="tns:IdentifySession" />
</wsdl:message>
<wsdl:message name="IdentifySessionSoapOut">
  <wsdl:part name="parameters" element="tns:IdentifySessionResponse" />
</wsdl:message>

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<wsdl:message name="GetSessionFlagsSoapIn">
  <wsdl:part name="parameters" element="tns:GetSessionFlags" />
</wsdl:message>
<wsdl:message name="GetSessionFlagsSoapOut">
  <wsdl:part name="parameters" element="tns:GetSessionFlagsResponse" />
</wsdl:message>

<wsdl:message name="LockSessionSoapIn">
  <wsdl:part name="parameters" element="tns:LockSession" />
</wsdl:message>
<wsdl:message name="LockSessionSoapOut">
  <wsdl:part name="parameters" element="tns:LockSessionResponse" />
</wsdl:message>

<wsdl:message name="LogOffSessionSoapIn">
  <wsdl:part name="parameters" element="tns:LogOffSession" />
</wsdl:message>
<wsdl:message name="LogOffSessionSoapOut">
  <wsdl:part name="parameters" element="tns:LogOffSessionResponse" />
</wsdl:message>

<wsdl:message name="RunFileSessionSoapIn">
  <wsdl:part name="parameters" element="tns:RunFileSession" />
</wsdl:message>
<wsdl:message name="RunFileSessionSoapOut">
  <wsdl:part name="parameters" element="tns:RunFileSessionResponse" />
</wsdl:message>

<wsdl:message name="ShareDesktopSoapIn">
  <wsdl:part name="parameters" element="tns:ShareDesktop" />
</wsdl:message>
<wsdl:message name="ShareDesktopSoapOut">
  <wsdl:part name="parameters" element="tns:ShareDesktopResponse" />
</wsdl:message>

<wsdl:message name="StopIdentifyingSessionSoapIn">
  <wsdl:part name="parameters" element="tns:StopIdentifyingSession" />
</wsdl:message>
<wsdl:message name="StopIdentifyingSessionSoapOut">
  <wsdl:part name="parameters" element="tns:StopIdentifyingSessionResponse" />
</wsdl:message>

<wsdl:message name="StopLockingSessionSoapIn">
  <wsdl:part name="parameters" element="tns:StopLockingSession" />
</wsdl:message>
<wsdl:message name="StopLockingSessionSoapOut">
  <wsdl:part name="parameters" element="tns:StopLockingSessionResponse" />
</wsdl:message>

<wsdl:message name="StopShareDesktopSoapIn">
  <wsdl:part name="parameters" element="tns:StopShareDesktop" />
</wsdl:message>
<wsdl:message name="StopShareDesktopSoapOut">
  <wsdl:part name="parameters" element="tns:StopShareDesktopResponse" />
</wsdl:message>

<wsdl:message name="ViewDesktopSoapIn">
  <wsdl:part name="parameters" element="tns:ViewDesktop" />
</wsdl:message>
<wsdl:message name="ViewDesktopSoapOut">
  <wsdl:part name="parameters" element="tns:ViewDesktopResponse" />
</wsdl:message>

<wsdl:message name="DisconnectSessionSoapIn">
  <wsdl:part name="parameters" element="tns:DisconnectSession" />
</wsdl:message>
<wsdl:message name="DisconnectSessionSoapOut">
  <wsdl:part name="parameters" element="tns:DisconnectSessionResponse" />
</wsdl:message>

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</wsdl:message>
<wsdl:message name="LogOffConsoleSessionSoapIn">
  <wsdl:part name="parameters" element="tns:LogOffConsoleSession" />
</wsdl:message>
<wsdl:message name="LogOffConsoleSessionSoapOut">
  <wsdl:part name="parameters" element="tns:LogOffConsoleSessionResponse" />
</wsdl:message>

<!-- IMultiPointDiskProtection -->
<wsdl:message name="GetFreeSpaceNeededSoapIn">
  <wsdl:part name="parameters" element="tns:GetFreeSpaceNeeded" />
</wsdl:message>
<wsdl:message name="GetFreeSpaceNeededSoapOut">
  <wsdl:part name="parameters" element="tns:GetFreeSpaceNeededResponse" />
</wsdl:message>

<wsdl:message name="GetModeSoapIn">
  <wsdl:part name="parameters" element="tns:GetMode" />
</wsdl:message>
<wsdl:message name="GetModeSoapOut">
  <wsdl:part name="parameters" element="tns:GetModeResponse" />
</wsdl:message>

<wsdl:message name="GetScheduledUpdateSettingsSoapIn">
  <wsdl:part name="parameters" element="tns:GetScheduledUpdateSettings" />
</wsdl:message>
<wsdl:message name="GetScheduledUpdateSettingsSoapOut">
  <wsdl:part name="parameters" element="tns:GetScheduledUpdateSettingsResponse" />
</wsdl:message>

<wsdl:message name="InstallSoapIn">
  <wsdl:part name="parameters" element="tns:Install" />
</wsdl:message>
<wsdl:message name="InstallSoapOut">
  <wsdl:part name="parameters" element="tns:InstallResponse" />
</wsdl:message>

<wsdl:message name="IsInstalledSoapIn">
  <wsdl:part name="parameters" element="tns:IsInstalled" />
</wsdl:message>
<wsdl:message name="IsInstalledSoapOut">
  <wsdl:part name="parameters" element="tns:IsInstalledResponse" />
</wsdl:message>

<wsdl:message name="SetModeSoapIn">
  <wsdl:part name="parameters" element="tns:SetMode" />
</wsdl:message>
<wsdl:message name="SetModeSoapOut">
  <wsdl:part name="parameters" element="tns:SetModeResponse" />
</wsdl:message>

<wsdl:message name="SetScheduledUpdateSettingsSoapIn">
  <wsdl:part name="parameters" element="tns:SetScheduledUpdateSettings" />
</wsdl:message>
<wsdl:message name="SetScheduledUpdateSettingsSoapOut">
  <wsdl:part name="parameters" element="tns:SetScheduledUpdateSettingsResponse" />
</wsdl:message>

<wsdl:message name="UninstallSoapIn">
  <wsdl:part name="parameters" element="tns:Uninstall" />
</wsdl:message>
<wsdl:message name="UninstallSoapOut">
  <wsdl:part name="parameters" element="tns:UninstallResponse" />
</wsdl:message>

<!-- IMultiPointChat -->
<wsdl:message name="ConnectSoapIn">

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    <wsdl:part name="parameters" element="tns:Connect" />
</wsdl:message>
<wsdl:message name="ConnectSoapOut">
    <wsdl:part name="parameters" element="tns:ConnectResponse" />
</wsdl:message>

<wsdl:message name="DisconnectSoapIn">
    <wsdl:part name="parameters" element="tns:Disconnect" />
</wsdl:message>
<wsdl:message name="DisconnectSoapOut">
    <wsdl:part name="parameters" element="tns:DisconnectResponse" />
</wsdl:message>

<wsdl:message name="GetChatIdSoapIn">
    <wsdl:part name="parameters" element="tns:GetChatId" />
</wsdl:message>
<wsdl:message name="GetChatIdSoapOut">
    <wsdl:part name="parameters" element="tns:GetChatIdResponse" />
</wsdl:message>

<wsdl:message name="PingSoapIn">
    <wsdl:part name="parameters" element="tns:Ping" />
</wsdl:message>
<wsdl:message name="PingSoapOut">
    <wsdl:part name="parameters" element="tns:PingResponse" />
</wsdl:message>

<wsdl:message name="SendErrorSoapIn">
    <wsdl:part name="parameters" element="tns:SendError" />
</wsdl:message>
<wsdl:message name="SendErrorSoapOut">
    <wsdl:part name="parameters" element="tns:SendErrorResponse" />
</wsdl:message>

<wsdl:message name="SendMsgSoapIn">
    <wsdl:part name="parameters" element="tns:SendMsg" />
</wsdl:message>
<wsdl:message name="SendMsgSoapOut">
    <wsdl:part name="parameters" element="tns:SendMsgResponse" />
</wsdl:message>

<!-- IMultiPointCoreEventSink -->
<wsdl:message name="OnAssociateSessionWithStationSoapIn">
    <wsdl:part name="parameters" element="tns:OnAssociateSessionWithStation" />
</wsdl:message>
<wsdl:message name="OnAssociateSessionWithStationSoapOut">
    <wsdl:part name="parameters" element="tns:OnAssociateSessionWithStationResponse" />
</wsdl:message>

<wsdl:message name="OnBeginIdentifySessionSoapIn">
    <wsdl:part name="parameters" element="tns:OnBeginIdentifySession" />
</wsdl:message>
<wsdl:message name="OnBeginIdentifySessionSoapOut">
    <wsdl:part name="parameters" element="tns:OnBeginIdentifySessionResponse" />
</wsdl:message>

<wsdl:message name="OnBeginIdentifyStationSoapIn">
    <wsdl:part name="parameters" element="tns:OnBeginIdentifyStation" />
</wsdl:message>
<wsdl:message name="OnBeginIdentifyStationSoapOut">
    <wsdl:part name="parameters" element="tns:OnBeginIdentifyStationResponse" />
</wsdl:message>

<wsdl:message name="OnBootToConsoleModeChangeSoapIn">
    <wsdl:part name="parameters" element="tns:OnBootToConsoleModeChange" />
</wsdl:message>
<wsdl:message name="OnBootToConsoleModeChangeSoapOut">
    <wsdl:part name="parameters" element="tns:OnBootToConsoleModeChangeResponse" />
</wsdl:message>

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<wsdl:message name="OnConfigureStationSoapIn">
  <wsdl:part name="parameters" element="tns:OnConfigureStation" />
</wsdl:message>
<wsdl:message name="OnConfigureStationSoapOut">
  <wsdl:part name="parameters" element="tns:OnConfigureStationResponse" />
</wsdl:message>

<wsdl:message name="OnDesktopMonitoringChangeSoapIn">
  <wsdl:part name="parameters" element="tns:OnDesktopMonitoringChange" />
</wsdl:message>
<wsdl:message name="OnDesktopMonitoringChangeSoapOut">
  <wsdl:part name="parameters" element="tns:OnDesktopMonitoringChangeResponse" />
</wsdl:message>

<wsdl:message name="OnDeviceAddedSoapIn">
  <wsdl:part name="parameters" element="tns:OnDeviceAdded" />
</wsdl:message>
<wsdl:message name="OnDeviceAddedSoapOut">
  <wsdl:part name="parameters" element="tns:OnDeviceAddedResponse" />
</wsdl:message>

<wsdl:message name="OnDeviceRemovedSoapIn">
  <wsdl:part name="parameters" element="tns:OnDeviceRemoved" />
</wsdl:message>
<wsdl:message name="OnDeviceRemovedSoapOut">
  <wsdl:part name="parameters" element="tns:OnDeviceRemovedResponse" />
</wsdl:message>

<wsdl:message name="OnEndIdentifySessionSoapIn">
  <wsdl:part name="parameters" element="tns:OnEndIdentifySession" />
</wsdl:message>
<wsdl:message name="OnEndIdentifySessionSoapOut">
  <wsdl:part name="parameters" element="tns:OnEndIdentifySessionResponse" />
</wsdl:message>

<wsdl:message name="OnEndIdentifyStationSoapIn">
  <wsdl:part name="parameters" element="tns:OnEndIdentifyStation" />
</wsdl:message>
<wsdl:message name="OnEndIdentifyStationSoapOut">
  <wsdl:part name="parameters" element="tns:OnEndIdentifyStationResponse" />
</wsdl:message>

<wsdl:message name="OnEnterSplitScreenSoapIn">
  <wsdl:part name="parameters" element="tns:OnEnterSplitScreen" />
</wsdl:message>
<wsdl:message name="OnEnterSplitScreenSoapOut">
  <wsdl:part name="parameters" element="tns:OnEnterSplitScreenResponse" />
</wsdl:message>

<wsdl:message name="OnExitSplitScreenSoapIn">
  <wsdl:part name="parameters" element="tns:OnExitSplitScreen" />
</wsdl:message>
<wsdl:message name="OnExitSplitScreenSoapOut">
  <wsdl:part name="parameters" element="tns:OnExitSplitScreenResponse" />
</wsdl:message>

<wsdl:message name="OnManagedServerOfflineSoapIn">
  <wsdl:part name="parameters" element="tns:OnManagedServerOffline" />
</wsdl:message>
<wsdl:message name="OnManagedServerOfflineSoapOut">
  <wsdl:part name="parameters" element="tns:OnManagedServerOfflineResponse" />
</wsdl:message>

<wsdl:message name="OnManagedServerOnlineSoapIn">
  <wsdl:part name="parameters" element="tns:OnManagedServerOnline" />
</wsdl:message>
<wsdl:message name="OnManagedServerOnlineSoapOut">
  <wsdl:part name="parameters" element="tns:OnManagedServerOnlineResponse" />

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</wsdl:message>

<wsdl:message name="OnPeerServerAddedSoapIn">
  <wsdl:part name="parameters" element="tns:OnPeerServerAdded" />
</wsdl:message>
<wsdl:message name="OnPeerServerAddedSoapOut">
  <wsdl:part name="parameters" element="tns:OnPeerServerAddedResponse" />
</wsdl:message>

<wsdl:message name="OnPeerServerDiscoveredSoapIn">
  <wsdl:part name="parameters" element="tns:OnPeerServerDiscovered" />
</wsdl:message>
<wsdl:message name="OnPeerServerDiscoveredSoapOut">
  <wsdl:part name="parameters" element="tns:OnPeerServerDiscoveredResponse" />
</wsdl:message>

<wsdl:message name="OnPeerServerRemovedSoapIn">
  <wsdl:part name="parameters" element="tns:OnPeerServerRemoved" />
</wsdl:message>
<wsdl:message name="OnPeerServerRemovedSoapOut">
  <wsdl:part name="parameters" element="tns:OnPeerServerRemovedResponse" />
</wsdl:message>

<wsdl:message name="OnProjectionStateChangeSoapIn">
  <wsdl:part name="parameters" element="tns:OnProjectionStateChange" />
</wsdl:message>
<wsdl:message name="OnProjectionStateChangeSoapOut">
  <wsdl:part name="parameters" element="tns:OnProjectionStateChangeResponse" />
</wsdl:message>

<wsdl:message name="OnScheduledUpdateSettingsChangedSoapIn">
  <wsdl:part name="parameters" element="tns:OnScheduledUpdateSettingsChanged" />
</wsdl:message>
<wsdl:message name="OnScheduledUpdateSettingsChangedSoapOut">
  <wsdl:part name="parameters" element="tns:OnScheduledUpdateSettingsChangedResponse" />
</wsdl:message>

<wsdl:message name="OnServiceControlSessionChangeSoapIn">
  <wsdl:part name="parameters" element="tns:OnServiceControlSessionChange" />
</wsdl:message>
<wsdl:message name="OnServiceControlSessionChangeSoapOut">
  <wsdl:part name="parameters" element="tns:OnServiceControlSessionChangeResponse" />
</wsdl:message>

<wsdl:message name="OnSessionAgentReadySoapIn">
  <wsdl:part name="parameters" element="tns:OnSessionAgentReady" />
</wsdl:message>
<wsdl:message name="OnSessionAgentReadySoapOut">
  <wsdl:part name="parameters" element="tns:OnSessionAgentReadyResponse" />
</wsdl:message>

<wsdl:message name="OnSessionBlockedSoapIn">
  <wsdl:part name="parameters" element="tns:OnSessionBlocked" />
</wsdl:message>
<wsdl:message name="OnSessionBlockedSoapOut">
  <wsdl:part name="parameters" element="tns:OnSessionBlockedResponse" />
</wsdl:message>

<wsdl:message name="OnSessionConnectingSoapIn">
  <wsdl:part name="parameters" element="tns:OnSessionConnecting" />
</wsdl:message>
<wsdl:message name="OnSessionConnectingSoapOut">
  <wsdl:part name="parameters" element="tns:OnSessionConnectingResponse" />
</wsdl:message>

<wsdl:message name="OnSessionDisconnectedSoapIn">
  <wsdl:part name="parameters" element="tns:OnSessionDisconnected" />
</wsdl:message>

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<wsdl:message name="OnSessionDisconnectedSoapOut">
  <wsdl:part name="parameters" element="tns:OnSessionDisconnectedResponse" />
</wsdl:message>

<wsdl:message name="OnSessionUnblockedSoapIn">
  <wsdl:part name="parameters" element="tns:OnSessionUnblocked" />
</wsdl:message>
<wsdl:message name="OnSessionUnblockedSoapOut">
  <wsdl:part name="parameters" element="tns:OnSessionUnblockedResponse" />
</wsdl:message>

<wsdl:message name="OnStationAddedSoapIn">
  <wsdl:part name="parameters" element="tns:OnStationAdded" />
</wsdl:message>
<wsdl:message name="OnStationAddedSoapOut">
  <wsdl:part name="parameters" element="tns:OnStationAddedResponse" />
</wsdl:message>

<wsdl:message name="OnStationAlertSoapIn">
  <wsdl:part name="parameters" element="tns:OnStationAlert" />
</wsdl:message>
<wsdl:message name="OnStationAlertSoapOut">
  <wsdl:part name="parameters" element="tns:OnStationAlertResponse" />
</wsdl:message>

<wsdl:message name="OnStationRemovedSoapIn">
  <wsdl:part name="parameters" element="tns:OnStationRemoved" />
</wsdl:message>
<wsdl:message name="OnStationRemovedSoapOut">
  <wsdl:part name="parameters" element="tns:OnStationRemovedResponse" />
</wsdl:message>

<wsdl:message name="OnSystemAlertSoapIn">
  <wsdl:part name="parameters" element="tns:OnSystemAlert" />
</wsdl:message>
<wsdl:message name="OnSystemAlertSoapOut">
  <wsdl:part name="parameters" element="tns:OnSystemAlertResponse" />
</wsdl:message>

<wsdl:message name="OnSystemModeChangeSoapIn">
  <wsdl:part name="parameters" element="tns:OnSystemModeChange" />
</wsdl:message>
<wsdl:message name="OnSystemModeChangeSoapOut">
  <wsdl:part name="parameters" element="tns:OnSystemModeChangeResponse" />
</wsdl:message>

<wsdl:message name="OnVirtualDesktopNotificationSoapIn">
  <wsdl:part name="parameters" element="tns:OnVirtualDesktopNotification" />
</wsdl:message>
<wsdl:message name="OnVirtualDesktopNotificationSoapOut">
  <wsdl:part name="parameters" element="tns:OnVirtualDesktopNotificationResponse" />
</wsdl:message>

<wsdl:message name="OnVirtualDesktopOnlineSoapIn">
  <wsdl:part name="parameters" element="tns:OnVirtualDesktopOnline" />
</wsdl:message>
<wsdl:message name="OnVirtualDesktopOnlineSoapOut">
  <wsdl:part name="parameters" element="tns:OnVirtualDesktopOnlineResponse" />
</wsdl:message>

<wsdl:message name="ShutdownNotificationSoapIn">
  <wsdl:part name="parameters" element="tns:ShutdownNotification" />
</wsdl:message>
<wsdl:message name="ShutdownNotificationSoapOut">
  <wsdl:part name="parameters" element="tns:ShutdownNotificationResponse" />
</wsdl:message>

<wsdl:message name="OnUserCreatedSoapIn">
  <wsdl:part name="parameters" element="tns:OnUserCreated" />

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</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: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" />

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        <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">
        <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/GetClientVersionRespons
e" message="tns:GetClientVersionSoapOut" />
        <wsdl:fault name="WmsFault"
wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" message="tns:WmsFaultMessage"
/>
    </wsdl:operation>
    <wsdl:operation name="GetPeerWmsServerList">

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        <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetPeerWmsServerList"
message="tns:GetPeerWmsServerListSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetPeerWmsServerListRes
ponse" 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/GetPeerWmsConnectorList
Response" 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/GetServerVersionRespons
e" 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/GetSystemAlertStatusRes
ponse" message="tns:GetSystemAlertStatusSoapOut" />
        <wsdl:fault name="WmsFault"
wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" message="tns:WmsFaultMessage"
/>
    </wsdl:operation>
    <wsdl:operation name="GetSystemMode">
        <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetSystemMode"
message="tns:GetSystemModeSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetSystemModeResponse"
message="tns:GetSystemModeSoapOut" />
        <wsdl:fault name="WmsFault"
wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" message="tns:WmsFaultMessage"
/>
    </wsdl:operation>
    <wsdl:operation name="GetVirtualMachineIpAddress">
        <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/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" />

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    <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" />
    <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" />

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        <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>
    <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"
/>

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    </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/IsBootToConsoleModeRes
ponse" 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" />
      <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/IsHypervisorPresentRes
ponse" 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" />

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        <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>
    <wsdl:operation name="GetReplacementSslCertificate">
        <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetReplacementSslCertif
icate" message="tns:GetReplacementSslCertificateSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetReplacementSslCertif
icateResponse" 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/SetReplacementSslCertif
icate" message="tns:SetReplacementSslCertificateSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/SetReplacementSslCertif
icateResponse" message="tns:SetReplacementSslCertificateSoapOut" />

```

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        <wsdl:fault name="WmsFault"
wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" message="tns:WmsFaultMessage"
/>
    </wsdl:operation>
    <wsdl:operation name="GetUseHardwareGpu">
        <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetUseHardwareGpu"
message="tns:GetUseHardwareGpuSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/GetUseHardwareGpuResponse"
message="tns:GetUseHardwareGpuSoapOut" />
        <wsdl:fault name="WmsFault"
wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" message="tns:WmsFaultMessage"
/>
    </wsdl:operation>
    <wsdl:operation name="SetUseHardwareGpu">
        <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/SetUseHardwareGpu"
message="tns:SetUseHardwareGpuSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointServer/SetUseHardwareGpuResponse"
message="tns:SetUseHardwareGpuSoapOut" />
        <wsdl:fault name="WmsFault"
wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" message="tns:WmsFaultMessage"
/>
    </wsdl:operation>
</wsdl:portType>

<wsdl:portType name="IMultiPointUserManager">
    <wsdl:operation name="AddUser">
        <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointUserManager/AddUser"
message="tns:AddUserSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointUserManager/AddUserResponse"
message="tns:AddUserSoapOut" />
        <wsdl:fault name="WmsFault"
wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" message="tns:WmsFaultMessage"
/>
    </wsdl:operation>
    <wsdl:operation name="EnumerateUsers">
        <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointUserManager/EnumerateUsers"
message="tns:EnumerateUsersSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointUserManager/EnumerateUsersResponse"
message="tns:EnumerateUsersSoapOut" />
        <wsdl:fault name="WmsFault"
wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" message="tns:WmsFaultMessage"
/>
    </wsdl:operation>
    <wsdl:operation name="RemoveUser">
        <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointUserManager/RemoveUser"
message="tns:RemoveUserSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointUserManager/RemoveUserResponse"
message="tns:RemoveUserSoapOut" />
        <wsdl:fault name="WmsFault"
wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" message="tns:WmsFaultMessage"
/>
    </wsdl:operation>
    <wsdl:operation name="SetUserInfo">
        <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointUserManager/SetUserInfo"
message="tns:SetUserInfoSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointUserManager/SetUserInfoResponse"
message="tns:SetUserInfoSoapOut" />

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        <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/GetNextStationIdentifi
er" message="tns:GetNextStationIdentifierSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/GetNextStationIdentifi
erResponse" 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/GetStationAlertStatusR
esponse" 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/GetStationAutoLogonInf
ormation" message="tns:GetStationAutoLogonInformationSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationAutoLogonInf
ormationResponse" 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/GetStationDeviceInform
ation" message="tns:GetStationDeviceInformationSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationDeviceInform
ationResponse" message="tns:GetStationDeviceInformationSoapOut" />
        <wsdl:fault name="WmsFault"
wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" message="tns:WmsFaultMessage"
/>
    </wsdl:operation>
    <wsdl:operation name="GetStationFriendlyName">
        <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/GetStationFriendlyName
" message="tns:GetStationFriendlyNameSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/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" />

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    <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" />
    <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" />

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    <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/BlockUsbStorageDevic
es" message="tns:BlockUsbStorageDevicesSoapIn" />
    <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointStation/BlockUsbStorageDevic
esResponse" 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" />
    <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"
/>

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    </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>
  </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/CurrentActivityRespons
e" message="tns:CurrentActivitySoapOut" />
      <wsdl:fault name="WmsFault"
wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" message="tns:WmsFaultMessage"
/>
    </wsdl:operation>
  </wsdl:portType>

```

```

    </wsdl:operation>
    <wsdl:operation name="CloseSessionApplication">
      <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/CloseSessionApplicatio
n" message="tns:CloseSessionApplicationSoapIn" />
      <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/CloseSessionApplicatio
nResponse" 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/ConfigureWebLimitingRe
sponse" 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/ConfigureWebLimitingAl
l" message="tns:ConfigureWebLimitingAllSoapIn" />
      <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/ConfigureWebLimitingAl
lResponse" 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/EnableProjectToAllResp
onse" 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/EnableWebLimitingAllRe
sponse" message="tns:EnableWebLimitingAllSoapOut" />
      <wsdl:fault name="WmsFault"
wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" message="tns:WmsFaultMessage"
/>
    </wsdl:operation>
    <wsdl:operation name="GetScreenState">
      <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/GetScreenState"
message="tns:GetScreenStateSoapIn" />
      <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/GetScreenStateResponse
" message="tns:GetScreenStateSoapOut" />
      <wsdl:fault name="WmsFault"
wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" message="tns:WmsFaultMessage"
/>
    </wsdl:operation>
    <wsdl:operation name="GetSessionAgentStatus">

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    <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/IdentifySessionRespon
se" 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/GetSessionFlagsRespon
se" message="tns:GetSessionFlagsSoapOut" />
    <wsdl:fault name="WmsFault"
wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" message="tns:WmsFaultMessage"
/>
    </wsdl:operation>
    <wsdl:operation name="LockSession">
    <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/LockSession"
message="tns:LockSessionSoapIn" />
    <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/LockSessionResponse"
message="tns:LockSessionSoapOut" />
    <wsdl:fault name="WmsFault"
wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" message="tns:WmsFaultMessage"
/>
    </wsdl:operation>
    <wsdl:operation name="LogOffSession">
    <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointSession/LogOffSession"
message="tns:LogOffSessionSoapIn" />

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    <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/StopLockingSessionRespon"
se" 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" />
    <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" />

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        <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/GetModeResponse
" message="tns:GetModeSoapOut" />
        <wsdl:fault name="WmsFault"
wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" message="tns:WmsFaultMessage"
/>
    </wsdl:operation>
    <wsdl:operation name="GetScheduledUpdateSettings">
        <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/GetScheduledUpd
ateSettings" message="tns:GetScheduledUpdateSettingsSoapIn" />
        <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/GetScheduledUpd
ateSettingsResponse" message="tns:GetScheduledUpdateSettingsSoapOut" />
        <wsdl:fault name="WmsFault"
wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" message="tns:WmsFaultMessage"
/>
    </wsdl:operation>
    <wsdl:operation name="Install">
        <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/Install"
message="tns:InstallSoapIn" />

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    <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: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" />

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        <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: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" />

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    <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>
    <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" />

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        <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" />
        <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"
/>

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    </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" />
      <wsdl:fault name="WmsFault"
wsaw:Action="http://MultiPoint/RemoteManagement/WmsFault" message="tns:WmsFaultMessage"
/>
    </wsdl:operation>
    <wsdl:operation name="OnSessionAgentReady">

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    <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>
    <wsdl:operation name="OnStationAlert">
    <wsdl:input
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnStationAlert"
message="tns:OnStationAlertSoapIn" />

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    <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" />
    <wsdl:output
wsaw:Action="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/ShutdownNotifica
tionResponse" message="tns:ShutdownNotificationSoapOut" />

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```

        <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">
        <soap:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointCertificateRequest/RequestSslCe
rtificate" 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/SetSslCertifi
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="RequestWmsControlCredentials">
    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointCredentialRequest/RequestWmsCon
trolCredentials" style="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/OnManaged
ServerOfflineNotify" style="document" />
    <wsdl: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/OnManaged
ServerOnlineNotify" style="document" />
    <wsdl:input>
      <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
      <soap12:body use="literal" />
    </wsdl:output>
    <wsdl:fault name="WmsFault" />
  </wsdl:operation>
  <wsdl:operation name="OnNewServerCertificateReady">

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    <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" />
        <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="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">

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```

    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointServer/RegisterChatEventSink"
style="document" />
    <wsdl:input>
        <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
        <soap12:body use="literal" />
    </wsdl:output>
    <wsdl:fault name="WmsFault" />
</wsdl:operation>
<wsdl:operation name="RegisterCoreEventSink">
    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointServer/RegisterCoreEventSink"
style="document" />
    <wsdl:input>
        <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
        <soap12:body use="literal" />
    </wsdl:output>
    <wsdl:fault name="WmsFault" />
</wsdl:operation>
<wsdl:operation name="Shutdown">
    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointServer/Shutdown"
style="document" />
    <wsdl:input>
        <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
        <soap12:body use="literal" />
    </wsdl:output>
    <wsdl:fault name="WmsFault" />
</wsdl:operation>
<wsdl:operation name="UnregisterChatEventSink">
    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointServer/UnregisterChatEventSink"
style="document" />
    <wsdl:input>
        <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
        <soap12:body use="literal" />
    </wsdl:output>
    <wsdl:fault name="WmsFault" />
</wsdl:operation>
<wsdl:operation name="UnregisterCoreEventSink">
    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointServer/UnregisterCoreEventSink"
style="document" />
    <wsdl:input>
        <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
        <soap12:body use="literal" />
    </wsdl:output>
    <wsdl:fault name="WmsFault" />
</wsdl:operation>
<wsdl:operation name="EnableChat">
    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointServer/EnableChat"
style="document" />
    <wsdl:input>
        <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
        <soap12:body use="literal" />
    </wsdl:output>

```

```

        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="GetLicenseCount">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointServer/GetLicenseCount"
style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="GetManagedSystemsType">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointServer/GetManagedSystemsType"
style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="GetNetJoinStatus">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointServer/GetNetJoinStatus"
style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="GetVirtualMachineHostname">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointServer/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>
        <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>
  <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>
        <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>
    <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">
        <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" />
      </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>

```

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        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="ConfigureWebLimitingAll">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointSession/ConfigureWebLimitingAll
" style="document" />
            <wsdl:input>
                <soap12:body use="literal" />
            </wsdl:input>
            <wsdl:output>
                <soap12:body use="literal" />
            </wsdl:output>
            <wsdl:fault name="WmsFault" />
        </wsdl:operation>
        <wsdl:operation name="EnableProjectToAll">
            <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointSession/EnableProjectToAll"
style="document" />
                <wsdl:input>
                    <soap12:body use="literal" />
                </wsdl:input>
                <wsdl:output>
                    <soap12:body use="literal" />
                </wsdl:output>
                <wsdl:fault name="WmsFault" />
            </wsdl:operation>
            <wsdl:operation name="EnableWebLimitingAll">
                <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointSession/EnableWebLimitingAll"
style="document" />
                    <wsdl:input>
                        <soap12:body use="literal" />
                    </wsdl:input>
                    <wsdl:output>
                        <soap12:body use="literal" />
                    </wsdl:output>
                    <wsdl:fault name="WmsFault" />
                </wsdl:operation>
                <wsdl:operation name="GetScreenState">
                    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointSession/GetScreenState"
style="document" />
                        <wsdl:input>
                            <soap12:body use="literal" />
                        </wsdl:input>
                        <wsdl:output>
                            <soap12:body use="literal" />
                        </wsdl:output>
                        <wsdl:fault name="WmsFault" />
                    </wsdl:operation>
                    <wsdl:operation name="GetSessionAgentStatus">
                        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointSession/GetSessionAgentStatus"
style="document" />
                            <wsdl:input>
                                <soap12:body use="literal" />
                            </wsdl:input>
                            <wsdl:output>
                                <soap12:body use="literal" />
                            </wsdl:output>
                            <wsdl:fault name="WmsFault" />
                        </wsdl:operation>
                        <wsdl:operation name="GetSessionRunningApps">
                            <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointSession/GetSessionRunningApps"
style="document" />
                                <wsdl:input>
                                    <soap12:body use="literal" />
                                </wsdl:input>
                                <wsdl:output>
                                    <soap12:body use="literal" />
                                </wsdl:output>
                                <wsdl:fault name="WmsFault" />
                            </wsdl:operation>
                        </wsdl:operation>
                    </wsdl:operation>
                </wsdl:operation>
            </wsdl:operation>
        </wsdl:operation>
    </wsdl:operation>

```

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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="GetThumbnailBits">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointSession/GetThumbnailBits"
style="document" />
        <wsdl:input>
          <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
          <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
      </wsdl:operation>
      <wsdl:operation name="IdentifySession">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointSession/IdentifySession"
style="document" />
        <wsdl:input>
          <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
          <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
      </wsdl:operation>
      <wsdl:operation name="GetSessionFlags">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointSession/GetSessionFlags"
style="document" />
        <wsdl:input>
          <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
          <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
      </wsdl:operation>
      <wsdl:operation name="LockSession">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointSession/LockSession"
style="document" />
        <wsdl:input>
          <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
          <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
      </wsdl:operation>
      <wsdl:operation name="LogOffSession">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointSession/LogOffSession"
style="document" />
        <wsdl:input>
          <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
          <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
      </wsdl:operation>
      <wsdl:operation name="RunFileSession">

```

```

    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointSession/RunFileSession"
style="document" />
    <wsdl:input>
        <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
        <soap12:body use="literal" />
    </wsdl:output>
    <wsdl:fault name="WmsFault" />
</wsdl:operation>
<wsdl:operation name="ShareDesktop">
    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointSession/ShareDesktop"
style="document" />
    <wsdl:input>
        <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
        <soap12:body use="literal" />
    </wsdl:output>
    <wsdl:fault name="WmsFault" />
</wsdl:operation>
<wsdl:operation name="StopIdentifyingSession">
    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointSession/StopIdentifyingSession"
style="document" />
    <wsdl:input>
        <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
        <soap12:body use="literal" />
    </wsdl:output>
    <wsdl:fault name="WmsFault" />
</wsdl:operation>
<wsdl:operation name="StopLockingSession">
    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointSession/StopLockingSession"
style="document" />
    <wsdl:input>
        <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
        <soap12:body use="literal" />
    </wsdl:output>
    <wsdl:fault name="WmsFault" />
</wsdl:operation>
<wsdl:operation name="StopShareDesktop">
    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointSession/StopShareDesktop"
style="document" />
    <wsdl:input>
        <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
        <soap12:body use="literal" />
    </wsdl:output>
    <wsdl:fault name="WmsFault" />
</wsdl:operation>
<wsdl:operation name="ViewDesktop">
    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointSession/ViewDesktop"
style="document" />
    <wsdl:input>
        <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
        <soap12:body use="literal" />
    </wsdl:output>

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```

        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="DisconnectSession">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointSession/DisconnectSession"
style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="LogOffConsoleSession">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointSession/LogOffConsoleSession"
style="document" />
        <wsdl:input>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
</wsdl:binding>

    <wsdl:binding name="MultiPointRemoting IMultiPointDiskProtection"
type="tns:IMultiPointDiskProtection">
        <wsp:PolicyReference URI='#policy' />
        <soap12:binding transport="http://schemas.xmlsoap.org/soap/http" />
        <wsdl:operation name="GetFreeSpaceNeeded">
            <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointDiskProtection/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: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>

```

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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="Disconnect">
    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointChat/Disconnect"
style="document" />
    <wsdl:input>
        <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
        <soap12:body use="literal" />
    </wsdl:output>
    <wsdl:fault name="WmsFault" />
</wsdl:operation>
<wsdl:operation name="GetChatId">
    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointChat/GetChatId"
style="document" />
    <wsdl:input>
        <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
        <soap12:body use="literal" />
    </wsdl:output>
    <wsdl:fault name="WmsFault" />
</wsdl:operation>
<wsdl:operation name="Ping">
    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointChat/Ping" style="document" />
    <wsdl:input>
        <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
        <soap12:body use="literal" />
    </wsdl:output>
    <wsdl:fault name="WmsFault" />
</wsdl:operation>
<wsdl:operation name="SendError">
    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointChat/SendError"
style="document" />
    <wsdl:input>
        <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
        <soap12:body use="literal" />
    </wsdl:output>
    <wsdl:fault name="WmsFault" />
</wsdl:operation>
<wsdl:operation name="SendMsg">
    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointChat/SendMsg" style="document"
/>
    <wsdl:input>
        <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
        <soap12:body use="literal" />
    </wsdl:output>
    <wsdl:fault name="WmsFault" />
</wsdl:operation>
</wsdl:binding>

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```

    <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: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" />
    <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="OnDeviceAdded">
    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnDeviceAdded"
style="document" />
    <wsdl:input>
        <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
        <soap12:body use="literal" />
    </wsdl:output>
    <wsdl:fault name="WmsFault" />
</wsdl:operation>
<wsdl:operation name="OnDeviceRemoved">
    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnDeviceRemoved"
style="document" />
    <wsdl:input>
        <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
        <soap12:body use="literal" />
    </wsdl:output>
    <wsdl:fault name="WmsFault" />
</wsdl:operation>
<wsdl:operation name="OnEndIdentifySession">
    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnEndIdentifySession"
style="document" />
    <wsdl:input>
        <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
        <soap12:body use="literal" />
    </wsdl:output>
    <wsdl:fault name="WmsFault" />
</wsdl:operation>
<wsdl:operation name="OnEndIdentifyStation">
    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnEndIdentifyStation"
style="document" />
    <wsdl:input>
        <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
        <soap12:body use="literal" />
    </wsdl:output>
    <wsdl:fault name="WmsFault" />
</wsdl:operation>
<wsdl:operation name="OnEnterSplitScreen">
    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnEnterSplitScreen"
style="document" />
    <wsdl:input>
        <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
        <soap12:body use="literal" />
    </wsdl:output>
    <wsdl:fault name="WmsFault" />
</wsdl:operation>
<wsdl:operation name="OnExitSplitScreen">

```

```

    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnExitSplitScreen
" style="document" />
    <wsdl:input>
        <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
        <soap12:body use="literal" />
    </wsdl:output>
    <wsdl:fault name="WmsFault" />
</wsdl:operation>
<wsdl:operation name="OnManagedServerOffline">
    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnManagedServerOf
fline" style="document" />
    <wsdl:input>
        <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
        <soap12:body use="literal" />
    </wsdl:output>
    <wsdl:fault name="WmsFault" />
</wsdl:operation>
<wsdl:operation name="OnManagedServerOnline">
    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnManagedServerOn
line" style="document" />
    <wsdl:input>
        <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
        <soap12:body use="literal" />
    </wsdl:output>
    <wsdl:fault name="WmsFault" />
</wsdl:operation>
<wsdl:operation name="OnPeerServerAdded">
    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnPeerServerAdded
" style="document" />
    <wsdl:input>
        <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
        <soap12:body use="literal" />
    </wsdl:output>
    <wsdl:fault name="WmsFault" />
</wsdl:operation>
<wsdl:operation name="OnPeerServerDiscovered">
    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnPeerServerDisco
vered" style="document" />
    <wsdl:input>
        <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
        <soap12:body use="literal" />
    </wsdl:output>
    <wsdl:fault name="WmsFault" />
</wsdl:operation>
<wsdl:operation name="OnPeerServerRemoved">
    <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnPeerServerRemov
ed" style="document" />
    <wsdl:input>
        <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
        <soap12:body use="literal" />
    </wsdl:output>

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```

        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="OnProjectionStateChange">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnProjectionState
Change" style="document" />
            <wsdl:input>
                <soap12:body use="literal" />
            </wsdl:input>
            <wsdl:output>
                <soap12:body use="literal" />
            </wsdl:output>
            <wsdl:fault name="WmsFault" />
        </wsdl:operation>
    <wsdl:operation name="OnScheduledUpdateSettingsChanged">
        <soap12:operation
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SettingsChanged" 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="OnServiceControlSessionChange">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnServiceControlS
essionChange" 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="OnSessionAgentReady">
        <soap12:operation
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dy" 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="OnSessionBlocked">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnSessionBlocked"
style="document" />
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                <soap12:body use="literal" />
            </wsdl:input>
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        </wsdl:operation>
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ng" style="document" />
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```

```

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    <wsdl:operation name="OnSessionDisconnected">
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cted" style="document" />
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    </wsdl:operation>
    <wsdl:operation name="OnSessionUnblocked">
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        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="OnStationAdded">
        <soap12:operation
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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="OnStationAlert">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnStationAlert"
style="document" />
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    </wsdl:operation>
    <wsdl:operation name="OnStationRemoved">
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style="document" />
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        <wsdl:output>
            <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="OnSystemAlert">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnSystemAlert"
style="document" />

```

```

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        </wsdl:input>
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      <wsdl:operation name="OnSystemModeChange">
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style="document" />
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      </wsdl:operation>
      <wsdl:operation name="OnVirtualDesktopNotification">
        <soap12:operation
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        </wsdl:input>
        <wsdl:output>
          <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
      </wsdl:operation>
      <wsdl:operation name="OnVirtualDesktopOnline">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnVirtualDesktopO
nline" 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="ShutdownNotification">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/ShutdownNotificat
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        </wsdl:input>
        <wsdl:output>
          <soap12:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="WmsFault" />
      </wsdl:operation>
      <wsdl:operation name="OnUserCreated">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnUserCreated"
style="document" />
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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="OnUserUpdated">

```



```

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        </wsdl:output>
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    </wsdl:operation>
    <wsdl:operation name="OnUserDeleted">
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style="document" />
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        <wsdl:fault name="WmsFault" />
    </wsdl:operation>
    <wsdl:operation name="OnGroupUpdated">
        <soap12:operation
soapAction="http://MultiPoint/RemoteManagement/IMultiPointCoreEventSink/OnGroupUpdated"
style="document" />
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<wsdl:service name="RemoteManagement">
    <wsdl:port name="MultiPointRemoting_IMultiPointCertificateRequest"
binding="tns: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>
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binding="tns:MultiPointRemoting_IMultiPointServer">
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    <wsdl:port name="MultiPointRemoting_IMultiPointUserManager"
binding="tns:MultiPointRemoting_IMultiPointUserManager">
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    </wsdl:port>
    <wsdl:port name="MultiPointRemoting_IMultiPointStation"
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        <soap12:address location="https://MultiPoint/RemoteManagement" />
    </wsdl:port>
    <wsdl:port name="MultiPointRemoting_IMultiPointSession"
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        <soap12:address location="https://MultiPoint/RemoteManagement" />
    </wsdl:port>
    <wsdl:port name="MultiPointRemoting_IMultiPointDiskProtection"
binding="tns:MultiPointRemoting_IMultiPointDiskProtection">
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    </wsdl:port>
    <wsdl:port name="MultiPointRemoting_IMultiPointChat"
binding="tns:MultiPointRemoting_IMultiPointChat">
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    </wsdl:port>

```

```
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```

## 7 Appendix B: Product Behavior

The information in this specification is applicable to the following Microsoft products or supplemental software. References to product versions include updates to those products.

- Windows 10 operating system
- Windows Server 2016 operating system
- Windows Server 2019 operating system
- Windows Server 2022 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](#): The **ArrayOfWMS\_SESSION\_INFO\_WS** type is not supported in Windows 10 v1507.

[<4> Section 3.6.4.8](#): The **GetUseHardwareGpu** method is not supported in Windows 10 v1507 and Windows 10 v1511.

[<5> Section 3.6.4.16](#): The **CanModifyWau** method is supported only in Windows 10 v1507 and Windows 10 v1511.

[<6> Section 3.6.4.17](#): The **EnableCeip** method is supported only in Windows 10 v1507 and Windows 10 v1511.

[<7> Section 3.6.4.18](#): The **EnableChat** operation is not supported in Windows 10 v1507.

[<8> Section 3.6.4.19](#): The **EnableWau** operation is supported only in Windows 10 v1507 and Windows 10 v1511.

[<9> Section 3.6.4.20](#): The **EnableWer** operation is supported only in Windows 10 v1507 and Windows 10 v1511.

[<10> Section 3.6.4.24](#): The **GetReplacementSslCertificate** operation is not supported in Windows 10 v1507.

[<11> Section 3.6.4.27](#): The **IsAdminOrchestrationMode** method is not supported in Windows 10 v1507 and Windows 10 v1511.

[<12> Section 3.6.4.29](#): The **IsCeipEnabled** method is supported only in Windows 10 v1507 and Windows 10 v1511.

[<13> Section 3.6.4.30](#): The **IsChatEnabled** operation is not supported in Windows 10 v1507.

[<14> Section 3.6.4.36](#): The **IsWauEnabled** method is supported only in Windows 10 v1507 and Windows 10 v1511.

<15> [Section 3.6.4.37](#): The **IsWerEnabled** method is supported only in Windows 10 v1507 and Windows 10 v1511.

<16> [Section 3.6.4.39](#): The **OnboardVirtualDesktop** method is not supported in Windows 10 v1507 and Windows 10 v1511.

<17> [Section 3.6.4.40](#): The **SetAdminOrchestrationMode** method is not supported in Windows 10 v1507 and Windows 10 v1511.

<18> [Section 3.6.4.43](#): The **SetReplacementSslCertificate** operation is not supported in Windows 10 v1507.

<19> [Section 3.6.4.45](#): The **SetUseHardwareGpu** method is not supported in Windows 10 v1507 and Windows 10 v1511.

<20> [Section 3.7.4.9.3.3](#): The **WMS\_RUNNING\_APP\_WS** complex type is not supported in Windows 10 v1507 and Windows 10 v1511.

<21> [Section 3.7.4.9.3.4](#): The **ArrayOfWMS\_RUNNING\_WS** complex type is not supported in Windows 10 v1507 and Windows 10 v1511.

<22> [Section 3.8.4.1](#): The **BlockUsbStorageDevicesAllStations** method is not supported in Windows 10 v1507.

<23> [Section 3.8.4.2](#): The **BlockUsbStorageDevices** method is not supported in Windows 10 v1507.

<24> [Section 3.8.4.3](#): The **GetDisplayRotation** method is not supported in Windows 10 v1507.

<25> [Section 3.8.4.13](#): The **IsUsbStorageDeviceBlocked** method is not supported in Windows 10 v1507.

<26> [Section 3.8.4.16](#): The **SetDisplayRotation** method is not supported in Windows 10 v1507.

<27> [Section 3.8.4.22](#): The **UnblockUsbStorageDevicesAllStations** method is not supported in Windows 10 v1507.

<28> [Section 3.8.4.23](#): The **UnblockUsbStorageDevices** method is not supported in Windows 10 v1507.

<29> [Section 3.9.4.3](#): The **OnNewServerCertificateReady** operation is not supported in Windows 10 v1507.

<30> [Section 3.10.4.2.3.4](#): The **ArrayOfWMS\_USER\_WS** complex type is not supported in Windows 10 v1507.

## 8 Change Tracking

This section identifies changes that were made to this document since the last release. Changes are classified as Major, Minor, or None.

The revision class **Major** means that the technical content in the document was significantly revised. Major changes affect protocol interoperability or implementation. Examples of major changes are:

- A document revision that incorporates changes to interoperability requirements.
- A document revision that captures changes to protocol functionality.

The revision class **Minor** means that the meaning of the technical content was clarified. Minor changes do not affect protocol interoperability or implementation. Examples of minor changes are updates to clarify ambiguity at the sentence, paragraph, or table level.

The revision class **None** means that no new technical changes were introduced. Minor editorial and formatting changes may have been made, but the relevant technical content is identical to the last released version.

The changes made to this document are listed in the following table. For more information, please contact [dochelp@microsoft.com](mailto:dochelp@microsoft.com).

Section	Description	Revision class
<a href="#">Z</a> Appendix B: Product Behavior	Updated for this version of Windows Server.	Major

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