



Polycom[®] RMX[®] 1500/2000/4000 XML API Release Notes

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This software has not achieved UC APL certification.

This document provides the latest information for security-conscious users running Version 7.6.1 software. The information in this document is not intended to imply that DoD or DISA certifies Polycom RMX systems.

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Regulatory Notices

United States Federal Communication Commission (FCC)

Part 15: Class A Statement. This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. Test limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio-frequency energy and, if not installed and used in accordance with the instruction manuals, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference, in which case the user will be required to correct the interference at his or her own expense.

Part 68: Network Registration Number. This equipment is registered with the FCC in accordance with Part 68 of the FCC Rules. This equipment is identified by the FCC registration number.

If requested, the FCC registration Number and REN must be provided to the telephone company.

Any repairs to this equipment must be carried out by Polycom Inc. or our designated agent. This stipulation is required by the FCC and applies during and after the warranty period.

United States Safety Construction Details:

- All connections are indoor only.
- Unit is intended for RESTRICTED ACCESS LOCATION.
- Unit is to be installed in accordance with the National Electrical Code.
- The branch circuit overcurrent protection shall be rated 20 A for the AC system.
- This equipment has a maximum operating ambient of 40°C, the ambient temperature in the rack shall not exceed this temperature.

To eliminate the risk of battery explosion, the battery should not be replaced by an incorrect type. Dispose of used batteries according to their instructions.

CE Mark R&TTE Directive

Polycom Inc., declares that the Polycom RMX™ 2000 is in conformity with the following relevant harmonized standards:

EN 60950-1:2001

EN 55022: 1998+A1:2000+A2:2003 class A

EN 300 386 V1.3.3: 2005

Following the provisions of the Council Directive 1999/CE on radio and telecommunication terminal equipment and the recognition of its conformity.

Canadian Department of Communications

This Class [A] digital apparatus complies with Canadian ICES-003.

Notice: The Industry Canada label identifies certified equipment. This certification means that the equipment meets telecommunication network protective, operational and safety requirements as prescribed in the appropriate Terminal Equipment Technical Requirements document(s). The Department does not guarantee the equipment will operate to the user's satisfaction.

Before installing this equipment, users should ensure that it is permissible to be connected to the facilities of the local telecommunications company. The equipment must also be installed using an acceptable method of connection. The customer should be aware that compliance with the above conditions may not prevent degradation of service in some situations. Repairs to certified equipment malfunctions, may give the telecommunications company causes to request the user to disconnect the equipment.

Users should ensure for their own protection that the electrical ground connections of the power utility, telephone lines and internal metallic water pipe system, if present, are connected together. This precaution may be particularly important in rural areas.

Caution: Users should not attempt to make such connections themselves, but should contact the appropriate electric inspection authority, or electrician, as appropriate.

RMX 2000: Chinese Communication Certificate

声 明

此为 A 级产品，在生活环境中，该产品可能会造成无线电干扰。在这种情况下，可能需要用户对其干扰采取切实可行的措施。

Regulatory Notices
Singapore Certificate RMX 2000 complies with IDA standards G0916-07

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Version 7.6.1 - New Schemas

The following schemas were added to the RMX XML API kit in version 7.6.1:

Table 1-1 New Schemas List

Schema Name	Description
obj_dynamic_content_table	Contains the information of content resolution settings and content rate as a function of conference rates for content enhancements support.
response_trans_conferences_rsrc	Contains the response to the trans_conferences_rsrc schema, which is used to manage the conference resources.
trans_conferences_rsrc	Used for retrieving conferences resources per conference to be applied for the DMA process.

Content Enhancement Support

Additional options for sharing *Content Protocols* have been included in this version, enabling conference participants to share higher quality *Content* in both standard and cascaded conferences.

In previous versions the following two *Content Protocols* were supported:

- **H.263**
 - *Content* is shared using the *H.263* protocol.
 - This option is used when most of the endpoints support *H.263* and some endpoints support *H.264*.
- **Up to H.264**
 - *Content* is shared using *H.263* if a mix of *H.263*-supporting and *H.264*-supporting endpoints are connected.
 - *Content* is shared using *H.264* if all connected endpoints have *H.264* capability.
 - If the first endpoint to connect to the conference only supports *H.263*, the *H.263* protocol is used for *Content* for all conference participants.
 - If *Content* is already being shared using the *H.264* protocol when a *H.263* endpoint connects, *Content* sharing is stopped and must be manually restarted using *H.263*, for all participants. If the *H.263* endpoint disconnects, *Content* sharing must be manually stopped and restarted and will automatically upgrade to the *H.264* protocol.
 - Endpoints that do not have at least *H.263* capability can connect to the conference but cannot share *Content*.

In this version:

- The **H.264 Cascade Optimized** option has been added.
 - When this option is selected, all content is shared using the *H.264* content protocol and is optimized for use in cascaded conferences.
- The **H.264 HD** option has been added.
 - This option ensures high quality content when most endpoints support *H.264* and *HD Resolutions*.
- The *H.263* option remains unchanged.

- The *Up to H.264* option has been renamed *H.263 & H264 Auto Selection* and remains the default selection.

H.264 Cascade Optimized

In versions prior to *Version 7.6.1*, *Content* could be sent over the cascading link only in *H.263* protocol. From *Version 7.6.1* *Content* can be sent over a cascading link using *H.264*.

However, to maintain the content quality and minimize the amount of *Content* refreshes that occur in large cascading conferences when participants connect or disconnect from the conference, the *H.264 Cascade Optimized* option uses fixed *Line Rates*, *Content Settings* and *Content Resolutions*.

When *H.264 Cascade Optimized* is selected, the *Send Content to Legacy Endpoints* selection is enabled by default in the *Conference Profile – Video Settings* tab.

Endpoints that do not support the content parameters (*H.264 and Content Resolution*), along with *ISDN* endpoints, are connected as *Legacy Endpoints* and receive content through their video channel. This ensures that *Content* is not interrupted when participants connect or disconnect from the conference. If the *Send Content to Legacy Endpoints* selection is disabled these endpoints will not receive content.

Conferences Resources

External conferencing applications such as the CMA and DMA, can request conference resource consumption information from the RMX on the amount of video and audio resources the RMX is currently using for each ongoing conference.

The *Conferences Resources* schemas provides updated RMX conferences resource consumption information to the external applications.

Schema `obj_dynamic_content_table` - New Elements, Groups, and Types

Table 1-2 `obj_dynamic_content_table` Schema - New Components

Item	Description
DYNAMIC_CONTENT_RATE_TABLE	<p>New Element.</p> <p>This element contains the content rate table and content resolution for the content enhancement support. Includes the type: <i>DynamicContentTable</i></p> <p>Sample code:</p> <pre><xsd:element name="DYNAMIC_CONTENT_RATE_TABLE" type="DynamicContentTable"/></pre>
CONTENT_RATE	<p>New Element.</p> <p>This element contains the content line rate. Includes the type: <i>ContentRateParam</i></p> <p>Sample code:</p> <pre><xsd:element name="CONTENT_RATE" type="ContentRateParam" /></pre>

Table 1-2 *obj_dynamic_content_table Schema - New Components (Continued)*

Item	Description
ContentRateParm	<p>New complexType. This type contains the content line rates for the dynamic content rate table. Includes references to the following elements:</p> <ul style="list-style-type: none"> ENTERPRISE_MODE CASCADE_OPTIMIZE_RESOLUTION TRANSFER_RATE <p>Sample code:</p> <pre><xsd:complexType name="ContentRateParm"> <xsd:sequence> <xsd:element ref="ENTERPRISE_MODE" minOccurs="1" /> <xsd:element ref="CASCADE_OPTIMIZE_RESOLUTION" minOccurs="1" /> <xsd:element ref="TRANSFER_RATE" minOccurs="1" /> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></pre>
DynamicContentTable	<p>New complexType. This type contains the table of conference line rates, resolutions, and the allocated content rate. Includes reference to the element: CONTENT_RATE</p> <p>Sample code:</p> <pre><xsd:complexType name="DynamicContentTable"> <xsd:sequence> <xsd:element ref="CONTENT_RATE" minOccurs="1" maxOccurs="unbounded" /> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></pre>

Schema `response_trans_conferences_rsrc` - New Elements, Groups and Types

Table 1-3 *response_trans_conferences_rsrc Schema - New Components*

Item	Description
RESPONSE_TRANS_CONFERENCES_RESOURCES	<p>New Element.</p> <p>This element contains the response to the trans_conferences_rsrc schema, which is used to manage conference resources.</p> <p>Includes reference to the following elements:</p> <ul style="list-style-type: none"> • RETURN_STATUS • ACTIONS (Group element) • ACTION <p>Sample code:</p> <pre><xsd:element name="RESPONSE_TRANS_CONFERENCES_RESOURCES"> <xsd:complexType> <xsd:sequence> <xsd:element ref="RETURN_STATUS"/> <xsd:choice> <xsd:group ref="ACTIONS"/> <xsd:element ref="ACTION"/> </xsd:choice> </xsd:sequence> </xsd:complexType> </xsd:element></pre>
GET_LS	<p>New Element.</p> <p>Indicates that the requested action is to retrieve a list of conference resources. Includes reference to the element: RSRC_REPORT_RMX_CONF_LIST</p> <p>Sample code:</p> <pre><xsd:element name="GET_LS"> <xsd:complexType> <xsd:sequence> <xsd:element ref="RSRC_REPORT_RMX_CONF_LIST" minOccurs="0" maxOccurs="unbounded"/> </xsd:sequence> </xsd:complexType> </xsd:element></pre>

Table 1-3 *response_trans_conferences_rsrc Schema - New Components (Continued)*

Item	Description
ACTIONS	<p>New Group. Identifies the conferences content enhancements resources operations to be performed. Includes reference to the element: GET_LS</p> <p>Used by the element: ACTION</p> <p>Sample code: <pre><xsd:group name="ACTIONS"> <xsd:choice> <xsd:element ref="GET_LS"/> </xsd:choice> </xsd:group></pre> </p>
ACTION	<p>New Element. This element contains the ACTIONS group which identifies the action that was requested. Includes the reference to the group: ACTIONS</p> <p>Used by the element: RESPONSE_TRANS_CONFERENCES_RESOURCES</p> <p>Sample code: <pre><xsd:element name="ACTION"> <xsd:complexType> <xsd:sequence> <xsd:group ref="ACTIONS"/> </xsd:sequence> </xsd:complexType> </xsd:element></pre> </p>

Schema trans_conferences_rsrc - New Elements, Groups and Types

Table 1-4 trans_conferences_rsrc Schema - New Components

Item	Description
TRANS_CONFERENCES_RESOURCES	<p>New Element.</p> <p>The TRANS_CONFERENCES_RESOURCES element is used to retrieve a list of conference resources per conference. Includes reference to the following elements:</p> <ul style="list-style-type: none"> TRANS_COMMON_PARAMS ACTIONS (group) ACTION <p>Sample code:</p> <pre><xsd:element name="TRANS_CONFERENCES_RESOURCES"> <xsd:complexType> <xsd:sequence> <xsd:element ref="TRANS_COMMON_PARAMS"/> > <xsd:choice> <xsd:group ref="ACTIONS"/> <xsd:element ref="ACTION"/> </xsd:choice> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType> </xsd:element></pre>
ACTION	<p>New Element.</p> <p>This element contains the ACTIONS group which identifies the operation to be performed. Contains reference to the group: ACTIONS</p> <p>Used by the element: TRANS_CONFERENCES_RESOURCES</p> <p>Sample code:</p> <pre><xsd:element name="ACTION"> <xsd:complexType> <xsd:sequence> <xsd:group ref="ACTIONS"/> </xsd:sequence> </xsd:complexType> </xsd:element></pre>

Table 1-4 *trans_conferences_rsrc Schema - New Components (Continued)*

Item	Description
ACTIONS	<p>New Group. Identifies the conferences resources operations to be performed. Contains reference to the element: GET_LS</p> <p>Used by the following elements:</p> <ul style="list-style-type: none"> TRANS_CONFERENCES_RESOURCES ACTION <p>Sample code:</p> <pre><xsd:group name="ACTIONS"> <xsd:choice> <xsd:element ref="GET_LS"/> </xsd:choice> </xsd:group></pre>
GET_LS	<p>New Element. Retrieves a list of conference resources per conference.</p> <p>Used by the group: ACTIONS</p> <p>Sample code:</p> <pre><xsd:element name="GET_LS"> <xsd:complexType> <xsd:sequence> <xsd:element ref="CONF_ID" minOccurs="0" maxOccurs="unbounded"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType> </xsd:element></pre>

Version 7.6.1 - Changes to Existing Schemas

Schema common_obj - Modifications

Table 2-1 common_obj Schema - Modifications

Item	Description
ENCRYPTION_TYPE	<p>Modified Element. This element, previously not supported, is now supported from version 7.6.1.</p> <p>Sample code: <code><xsd:element name="ENCRYPTION_TYPE" type="EncryptionType" default="all_encrypted"/></code> </p>
EncryptionType	<p>Modified simpleType. This type, previously not supported, is now supported in version 7.6.1. Deleted the following enumeration values:</p> <ul style="list-style-type: none"> all_dont_care all_connect_except_undefined <p>Added new enumeration value:</p> <ul style="list-style-type: none"> enumeration when_available - encrypt the conference when possible. <p>Sample code: <code><xsd:simpleType name="EncryptionType"> <xsd:restriction base="xsd:string"> <xsd:enumeration value="all_encrypted"/> <xsd:enumeration value="all_non_encrypted"/> <xsd:enumeration value="when_available"/> </xsd:restriction> </xsd:simpleType></code> </p>

Schema common_trans - Additions and Modifications

Table 2-2 common_trans Schema - Additions and Modifications

Item	Description
ENTERPRISE_MODE	<p>New Element.</p> <p>This element was moved from the obj_reservation schema. The transmission mode for the H.239 content channel. Includes the type: EnterpriseModeType.</p> <p>Used by the following complex types:</p> <ul style="list-style-type: none"> ContentRateParam ReservationContent <p>Sample code:</p> <pre><xsd:element name="ENTERPRISE_MODE" type="EnterpriseModeType" default="Graphics"/></pre>
CASCADE_OPTIMIZE_RESOLUTION	<p>New Element.</p> <p>This element contains the content resolution type for the H.264 Cascade Optimized option for content enhancements support. Includes the type: CascadeOptimizeResType.</p> <p>Used by the following complex types:</p> <ul style="list-style-type: none"> ContentRateParam ReservationContent <p>Sample code:</p> <pre><xsd:element name="CASCADE_OPTIMIZE_RESOLUTION" type="CascadeOptimizeResType" /></pre>
EnterpriseModeType	<p>New simpleType.</p> <p>This type was moved from the obj_reservation schema. This type contains the content bit rate when using the H.239/People+Content Dual Stream mode. Enumeration value.</p> <p>The values are:</p> <ul style="list-style-type: none"> enumeration Graphics - the bit rate for standard graphics enumeration HiResGraphics - the bit rate for high quality display or highly detailed graphics enumeration LiveVideo - the bit rate for video clips or live video display <p>Used by the element: ENTERPRISE_MODE</p> <p>Sample code:</p> <pre><xsd:simpleType name="EnterpriseModeType"> <xsd:restriction base="xsd:string"> <xsd:enumeration value="Graphics"/> <xsd:enumeration value="HiResGraphics"/> <xsd:enumeration value="LiveVideo"/> </xsd:restriction> </xsd:simpleType></pre>

Table 2-2 *common_trans Schema - Additions and Modifications (Continued)*

Item	Description
CascadeOptimizeResType	<p>New simpleType.</p> <p>This type contains the resolution types for the H.264 Cascaded Optimize option for content enhancements support. Enumeration value.</p> <p>The values are:</p> <ul style="list-style-type: none"> enumeration res_720_5fps - HD720 resolution at 5 frames per second. enumeration res_720_30fps - HD720 resolution at 30 frames per second enumeration res_1080_15fps - HD1080 resolution at 15 frames per second <p>Used by the element: CASCADE_OPTIMIZE_RESOLUTION</p> <p>Sample code:</p> <pre><xsd:simpleType name="CascadeOptimizeResType"> <xsd:restriction base="xsd:string"> <xsd:enumeration value="res_720_5fps"/> <xsd:enumeration value="res_720_30fps"/> <xsd:enumeration value="res_1080_15fps"/> </xsd:restriction> </xsd:simpleType></pre>

Schema common_trans_obj - Additions and Modifications

Table 2-3 common_trans_obj Schema - Additions and Modifications

Item	Description
MESSAGE_FONT_SIZE	Modified Element. This element is not supported. It is replaced by the MESSAGE_FONT_SIZE_INT element.
MESSAGE_FONT_SIZE_INT	New Element. This element replaces the MESSAGE_FONT_SIZE element. This element contains the size of the font (in points) in which the Message Overlay text will be displayed on the screen of the endpoints connected to the conference. Includes the type: MessageFontSizeIntType. Used by the complexType: MessageOverlayContent Sample code: <xsd:element name="MESSAGE_FONT_SIZE_INT" type="MessageFontSizeIntType" default="24"/>
MESSAGE_COLOR	Modified Element. The default message color was modified to white_font_on_red_background . Sample code: <xsd:element name="MESSAGE_COLOR" type="MessageColorType" default="white_font_on_red_background"/>
MESSAGE_DISPLAY_POSITION	Modified Element. This element is not supported. It is replaced by the MESSAGE_DISPLAY_POSITION_INT element.
MESSAGE_DISPLAY_POSITION_INT	New Element. This element replaces the MESSAGE_DISPLAY_POSITION element. This element contains the vertical font display position for the display of the Message Overlay on the endpoint screen. Possible range: 0 - 100. Includes the type: MessageDisplayPositionIntType. Used by the complexType: MessageOverlayContent Sample code: <xsd:element name="MESSAGE_DISPLAY_POSITION_INT" type="MessageDisplayPositionIntType" default="10"/>

Table 2-3 *common_trans_obj Schema - Additions and Modifications (Continued)*

Item	Description
MESSAGE_TRANSPARENCE	<p>New element.</p> <p>This element contains the percentage of the transparency of the Message Overlay display on the endpoint screen. Possible range: 0 - 100.</p> <p>Includes the type: MessageTransparency</p> <p>Used by the complexType: MessageOverlayContent</p> <p>Sample code: <xsd:element name="MESSAGE_TRANSPARENCE" type="MessageTransparency" default="50"/></p>
SITE_NAME	<p>New Element.</p> <p>This element contains the site display name of the participant in the conference. includes the type: SiteNameContent.</p> <p>Sample code: <xsd:element name="SITE_NAME" type="SiteNameContent"/></p>
SITE_NAME_DISPLAY_MODE	<p>New Element.</p> <p>This element contains how the site name is displayed. Includes the type: SiteNameDisplayMode.</p> <p>Used by the complexType: SiteNameContent</p> <p>Sample code: <xsd:element name="SITE_NAME_DISPLAY_MODE" type="SiteNameDisplayMode" default="Off"/></p>
SITE_NAME_FONT_SIZE	<p>New Element.</p> <p>This element contains the font size (in points) of the site name. Includes the type: SiteNameFontSize.</p> <p>Used by the complexType: SiteNameContent</p> <p>Sample code: <xsd:element name="SITE_NAME_FONT_SIZE" type="SiteNameFontSize" default="12"/></p>
SITE_NAME_COLOR	<p>New Element.</p> <p>This element contains the color of the displayed site name. Includes the type: MessageColorType.</p> <p>Used by the complexType: SiteNameContent</p> <p>Sample code: <xsd:element name="SITE_NAME_COLOR" type="MessageColorType" default="white_font_on_red_background"/></p>

Table 2-3 *common_trans_obj Schema - Additions and Modifications (Continued)*

Item	Description
SITE_NAME_TEXT_COLOR	<p>New Element.</p> <p>This element contains the color of the site name text. Includes the type: TextColorType.</p> <p>Used by the complexType: SiteNameContent</p> <p>Sample code: <xsd:element name="SITE_NAME_TEXT_COLOR" type="TextColorType" default="white_font"/></p>
SITE_NAME_DISPLAY_POSITION	<p>New Element.</p> <p>This element contains the pre-defined position for the display of the site name. Includes the type: SiteNameDisplayPosition.</p> <p>Used by the complexType: SiteNameContent</p> <p>Sample code: <xsd:element name="SITE_NAME_DISPLAY_POSITION" type="SiteNameDisplayPosition" default="Left Top"/></p>
SITE_NAME_TRANSPARENCE	<p>New Element.</p> <p>This element contains the percentage of the transparency for the site name. Includes the type: MessageTransparence.</p> <p>Used by the complexType: SiteNameContent</p> <p>Sample code: <xsd:element name="SITE_NAME_TRANSPARENCE" type="MessageTransparence" default="50"/></p>
SITE_NAME_HORIZONTAL_POSITION	<p>New Element.</p> <p>This element contains the horizontal position of the site name on the endpoint display. Includes the type: SiteNameHorizontalPosition.</p> <p>Used by the complexType: SiteNameContent</p> <p>Sample code: <xsd:element name="SITE_NAME_HORIZONTAL_POSITION" type="SiteNameHorizontalPosition" default="0"/></p>

Table 2-3 *common_trans_obj Schema - Additions and Modifications (Continued)*

Item	Description
SITE_NAME_VERTICAL_POSITION	<p>New Element.</p> <p>This element contains the vertical position of the site name on the endpoint display. Includes the type: SiteNameVerticalPosition.</p> <p>Used by the complexType: SiteNameContent</p> <p>Sample code:</p> <pre><xsd:element name="SITE_NAME_VERTICAL_POSITION" type="SiteNameVerticalPosition" default="0"/></pre>
ProcessNameType	<p>Modified simpleType.</p> <p>Added new enumeration value:</p> <ul style="list-style-type: none"> enumeration Utility - Internal utilities <p>Used by the element: PROCESS_NAME</p> <p>Sample code:</p> <pre><xsd:simpleType name="ProcessNameType"> <xsd:restriction base="xsd:string"> <xsd:enumeration value="InvalidProcess"/> <xsd:enumeration value="McmsDaemon"/> <xsd:enumeration value="Configurator"/> <xsd:enumeration value="Logger"/> : <xsd:enumeration value="ExchangeModule"/> <xsd:enumeration value="LdapModule"/> <xsd:enumeration value="BackupRestore"/> <xsd:enumeration value="Utility"/> </xsd:restriction> </xsd:simpleType></pre>

Table 2-3 common_trans_obj Schema - Additions and Modifications (Continued)

Item	Description
MessageOverlayContent	<p>Modified complexType.</p> <p>The following elements are not supported in version 7.6.1:</p> <ul style="list-style-type: none"> MESSAGE_FONT_SIZE MESSAGE_DISPLAY_POSITION <p>These elements were replaced with the following new elements:</p> <ul style="list-style-type: none"> MESSAGE_DISPLAY_POSITION_INT MESSAGE_FONT_SIZE_INT MESSAGE_TRANSPARENCE (new element) <p>Used by the element: MESSAGE_OVERLAY</p> <p>Sample code:</p> <pre><xsd:complexType name="MessageOverlayContent"> <xsd:sequence> <xsd:element ref="ON" minOccurs="0"/> <xsd:element ref="MESSAGE_TEXT" minOccurs="0"/> <xsd:element ref="MESSAGE_FONT_SIZE" minOccurs="0"/> <!--Not supported, replaced by MESSAGE_FONT_SIZE_INT--> : <xsd:element ref="MESSAGE_DISPLAY_POSITION" minOccurs="0"/> <!--Not supported, replaced by MESSAGE_DISPLAY_POSITION_INT--> <xsd:element ref="MESSAGE_DISPLAY_POSITION_INT" minOccurs="0"/> <xsd:element ref="MESSAGE_FONT_SIZE_INT" minOccurs="0"/> <xsd:element ref="MESSAGE_TRANSPARENCE" minOccurs="0"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></pre>
MessageFontSizeIntType	<p>New simpleType.</p> <p>This type contains the font size (in points) for the Message Overlay. Possible range: 0 - 32.</p> <p>Used by the element: MESSAGE_FONT_SIZE_INT</p> <p>Sample code:</p> <pre><xsd:simpleType name="MessageFontSizeIntType"> <xsd:restriction base="xsd:integer"> <xsd:maxInclusive value="32"/> <xsd:minInclusive value="9"/> </xsd:restriction> </xsd:simpleType></pre>

Table 2-3 *common_trans_obj Schema - Additions and Modifications (Continued)*

Item	Description
MessageDisplayPositionIntType	<p>New simpleType.</p> <p>This type contains the values of the Message Overlay display position on the endpoint display. Possible range: 0 - 100.</p> <p>Used by the element: MESSAGE_DISPLAY_POSITION_INT</p> <p>Sample code:</p> <pre><xsd:simpleType name="MessageDisplayPositionIntType"> <xsd:restriction base="xsd:integer"> <xsd:minInclusive value="0"/> <xsd:maxInclusive value="100"/> </xsd:restriction> </xsd:simpleType></pre>

Table 2-3 common_trans_obj Schema - Additions and Modifications (Continued)

Item	Description
MessageColorType	<p>Modified simpleType. Added the following Message Overlay text colors and backgrounds:</p> <ul style="list-style-type: none"> • enumeration red_font_on_white_background • enumeration white_font_on_deep_brown_background • enumeration white_font_on_brown_background • enumeration yellow_font_on_black_background • enumeration yellow_font_on_deep_blue_background • enumeration lightblue_font_on_black_background • enumeration blue_font_on_white_background • enumeration greygreen_font_on_white_background • enumeration black_font_on_gray_background • enumeration black_font_on_white_background <p>Used by the following elements:</p> <ul style="list-style-type: none"> • MESSAGE_COLOR • SITE_NAME_COLOR <p>Sample code:</p> <pre><xsd:simpleType name="MessageColorType"> <xsd:restriction base="xsd:string"> <xsd:enumeration value="white_font_on_light_blue_background"/> : <xsd:enumeration value="red_font_on_white_background"/> <xsd:enumeration value="white_font_on_deep_brown_background"/> > <xsd:enumeration value="white_font_on_brown_background"/> <xsd:enumeration value="yellow_font_on_black_background"/> <xsd:enumeration value="yellow_font_on_deep_blue_background"/> <xsd:enumeration value="lightblue_font_on_black_background"/> <xsd:enumeration value="blue_font_on_white_background"/> <xsd:enumeration value="greygreen_font_on_white_background"/> <xsd:enumeration value="black_font_on_gray_background"/> <xsd:enumeration value="black_font_on_white_background"/> </xsd:restriction> </xsd:simpleType></pre>

Table 2-3 *common_trans_obj Schema - Additions and Modifications (Continued)*

Item	Description
TextColorType	<p>New simpleType. This type contains the values of the text color for the site name on the endpoint display. Enumeration value. The values are:</p> <ul style="list-style-type: none"> • enumeration red_font • enumeration blue_font • enumeration skyblue_font • enumeration green_font • enumeration yellowgreen_font • enumeration lightyellow_font • enumeration yellow_font • enumeration black_font • enumeration white_font <p>Used by the element: SITE_NAME_TEXT_COLOR</p> <p>Sample code:</p> <pre><xsd:simpleType name="TextColorType"> <xsd:restriction base="xsd:string"> <xsd:enumeration value="red_font"/> <xsd:enumeration value="blue_font"/> <xsd:enumeration value="skyblue_font"/> <xsd:enumeration value="green_font"/> <xsd:enumeration value="yellowgreen_font"/> <xsd:enumeration value="lightyellow_font"/> <xsd:enumeration value="yellow_font"/> <xsd:enumeration value="black_font"/> <xsd:enumeration value="white_font"/> </xsd:restriction> </xsd:simpleType></pre>
MessageDisplayPosition	<p>New simpleType. Not supported in RMX. This type is replaced by the MessageDisplayPosition IntType.</p> <p>Sample code:</p> <pre><xsd:simpleType name="MessageDisplayPosition"> <xsd:restriction base="xsd:integer"> <xsd:maxInclusive value="100"/> <xsd:minInclusive value="0"/> </xsd:restriction> </xsd:simpleType></pre>

Table 2-3 *common_trans_obj Schema - Additions and Modifications (Continued)*

Item	Description
MessageTransparence	<p>New simpleType.</p> <p>This type contains the range of values of the transparency of the message overlay and site name on the endpoint display. Possible range: 0 - 100.</p> <p>Used by the elements:</p> <ul style="list-style-type: none">• MESSAGE_TRANSPARENCE• SITE_NAME_TRANSPARENCE <p>Sample code:</p> <pre><xsd:simpleType name="MessageTransparence"> <xsd:restriction base="xsd:integer"> <xsd:maxInclusive value="100"/> <xsd:minInclusive value="0"/> </xsd:restriction> </xsd:simpleType></pre>

Table 2-3 *common_trans_obj Schema - Additions and Modifications (Continued)*

Item	Description
SiteNameContent	<p>New complexType.</p> <p>This type contains the site name position, text and background configuration information.</p> <p>Includes references to the following elements:</p> <ul style="list-style-type: none"> • SITE_NAME_DISPLAY_MODE • SITE_NAME_FONT_SIZE • SITE_NAME_COLOR • SITE_NAME_TEXT_COLOR • SITE_NAME_DISPLAY_POSITION • SITE_NAME TRANSPARENCE • SITE_NAME_HORIZONTAL_POSITION • SITE_NAME_VERTICAL_POSITION <p>Used by the element: SITE_NAME</p> <p>Sample code:</p> <pre><xsd:complexType name="SiteNameContent"> <xsd:sequence> <xsd:element ref="SITE_NAME_DISPLAY_MODE" minOccurs="0"/> <xsd:element ref="SITE_NAME_FONT_SIZE" minOccurs="0"/> <xsd:element ref="SITE_NAME_COLOR" minOccurs="0"/> <xsd:element ref="SITE_NAME_TEXT_COLOR" minOccurs="0"/> <xsd:element ref="SITE_NAME_DISPLAY_POSITION" minOccurs="0"/> <xsd:element ref="SITE_NAME TRANSPARENCE" minOccurs="0"/> <xsd:element ref="SITE_NAME_HORIZONTAL_POSITION" minOccurs="0"/> <xsd:element ref="SITE_NAME_VERTICAL_POSITION" minOccurs="0"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></pre>

Table 2-3 *common_trans_obj Schema - Additions and Modifications (Continued)*

Item	Description
SiteNameDisplayMode	<p>New simpleType.</p> <p>This type contains the values for the mode of the site name on the endpoint display. Enumeration value.</p> <p>The values are:</p> <ul style="list-style-type: none"> enumeration Auto - Display the site names for 10 seconds whenever the conference layout changes enumeration On - Display the site names for the duration of the conference enumeration Off - Do not display the site names on the conference <p>Used by the element: SITE_NAME_DISPLAY_MODE</p> <p>Sample code:</p> <pre><xsd:simpleType name="SiteNameDisplayMode"> <xsd:restriction base="xsd:string"> <xsd:enumeration value="Auto"/> <xsd:enumeration value="On"/> <xsd:enumeration value="Off"/> </xsd:restriction> </xsd:simpleType></pre>
SiteNameFontSize	<p>New simpleType.</p> <p>This type contains the range values for the font size (in points) for the site name on the endpoint display. Possible range: 9 - 32</p> <p>Used by the element: SITE_NAME_FONT_SIZE</p> <p>Sample code:</p> <pre><xsd:simpleType name="SiteNameFontSize"> <xsd:restriction base="xsd:integer"> <xsd:maxInclusive value="32"/> <xsd:minInclusive value="9"/> </xsd:restriction> </xsd:simpleType></pre>

Table 2-3 *common_trans_obj Schema - Additions and Modifications (Continued)*

Item	Description
SiteNameDisplayPosition	<p>New simpleType.</p> <p>This type contains the values of the preset position for the site name on the endpoint display. Enumeration value.</p> <p>The values are:</p> <ul style="list-style-type: none"> • enumeration Left Top • enumeration Top • enumeration Right Top • enumeration Left Middle • enumeration Right Middle • enumeration Left Bottom • enumeration Bottom • enumeration Right Bottom • enumeration Custom <p>Used by the element: SITE_NAME_DISPLAY_POSITION</p> <p>Sample code:</p> <pre><xsd:simpleType name="SiteNameDisplayPosition"> <xsd:restriction base="xsd:string"> <xsd:enumeration value="Left Top"/> <xsd:enumeration value="Top"/> <xsd:enumeration value="Right Top"/> <xsd:enumeration value="Left Middle"/> <xsd:enumeration value="Right Middle"/> <xsd:enumeration value="Left Bottom"/> <xsd:enumeration value="Bottom"/> <xsd:enumeration value="Right Bottom"/> <xsd:enumeration value="Custom"/> </xsd:restriction> </xsd:simpleType></pre>
SiteNameHorizontalPosition	<p>New simpleType.</p> <p>This type contains the range values for the horizontal position of the site name on the endpoint display. Possible range: 0 - 100.</p> <p>Used by the element: SITE_NAME_HORIZONTAL_POSITION</p> <p>Sample code:</p> <pre><xsd:simpleType name="SiteNameHorizontalPosition"> <xsd:restriction base="xsd:integer"> <xsd:minInclusive value="0"/> <xsd:maxInclusive value="100"/> </xsd:restriction> </xsd:simpleType></pre>

Table 2-3 *common_trans_obj Schema - Additions and Modifications (Continued)*

Item	Description
SiteNameVerticalPosition	<p>New simpleType.</p> <p>This type contains the range values for the vertical position of the site name on the endpoint display. Possible range: 0 - 100.</p> <p>Used by the element: SITE_NAME_VERTICAL_POSITION</p> <p>Sample code:</p> <pre><xsd:simpleType name="SiteNameVerticalPosition"> <xsd:restriction base="xsd:integer"> <xsd:minInclusive value="0"/> <xsd:maxInclusive value="100"/> </xsd:restriction> </xsd:simpleType></pre>

Schema obj_av_msg_service - Additions and Modifications

Table 2-4 *obj_av_msg_service Schema - Additions and Modifications*

Item	Description
IVR_MSG_LIST	<p>Modified Element.</p> <p>This element is not supported in version 7.6.1.</p>
ON_HOLD_FOR_OPERATOR_ASSISTANCE	<p>Modified Element.</p> <p>This element is not supported in version 7.6.1. The value is always False.</p>
CONF_WELCOME_MSG_ENABLED	<p>Modified Element.</p> <p>This element is not supported in version 7.6.1.</p>
ENABLED_ON_FAILURE	<p>Modified Element.</p> <p>This element is not supported in version 7.6.1. The value is always Disabled.</p>
INVITE_PARTICIPANT	<p>New Element.</p> <p>This element contains the invite participant option. Includes the type: InviteParticipantContent.</p> <p>Used by the complexType: IvrParamsContent</p> <p>Sample code:</p> <pre><xsd:element name="INVITE_PARTICIPANT" type="InviteParticipantContent"/></pre>

Table 2-4 *obj_av_msg_service Schema - Additions and Modifications (Continued)*

Item	Description
DIAL_OUT_PROTOCOL_TYPE	<p>New Element.</p> <p>This element contains the dial out protocol type for an invited participant. Includes the type: DialOutProtocolType</p> <p>Used by the complexType: ProtocolTypeContent</p> <p>Sample code: <xsd:element name="DIAL_OUT_PROTOCOL_TYPE" type="DialOutProtocolType"/></p>
PROTOCOL_TYPE_CONTENT	<p>New Element.</p> <p>This element contains the protocol types for the invited participant. Includes the type: ProtocolTypeContent</p> <p>Used by the element: DIAL_OUT_PROTOCOL_TYPE_LIST</p> <p>Sample code: <xsd:element name="PROTOCOL_TYPE_CONTENT" type="ProtocolTypeContent"/></p>
DTMF_FORWARD_DURATION	<p>New Element.</p> <p>This element contains the number of seconds that the system will wait for the input of additional DTMF digits such as a password or conference number.</p> <p>Used by the complexType: InviteParticipantContent</p> <p>Sample code: <xsd:element name="DTMF_FORWARD_DURATION" type="xsd:integer"/></p>
MSG_PARTITIONS_32_SEC_LIST	<p>Modified Element.</p> <p>This element is not supported in version 7.6.1. The feature is always disabled.</p>
MSG_PARTITIONS_16_SEC_LIST	<p>Modified Element.</p> <p>This element is not supported in version 7.6.1. The feature is always disabled.</p>
MSG_PARTITIONS_8_SEC_LIST	<p>Modified Element.</p> <p>This element is not supported in version 7.6.1. The feature is always disabled.</p>
MSG_PARTITIONS_4_SEC_LIST	<p>Modified Element.</p> <p>This element is not supported in version 7.6.1. The feature is always disabled.</p>
MSG_PARTITIONS_2_SEC_LIST	<p>Modified Element.</p> <p>This element is not supported in version 7.6.1. The feature is always disabled.</p>
DOWNLOAD_STATUS	<p>Modified Element.</p> <p>This element is not supported in version 7.6.1. The feature is always disabled.</p>

Table 2-4 *obj_av_msg_service Schema - Additions and Modifications (Continued)*

Item	Description
IVR_MSG	Modified Element. This element is not supported in version 7.6.1. The feature is always disabled.
DOWNLOADED_FILE_NAME	Modified Element. This element is not supported in version 7.6.1. The feature is always disabled.
FILE_DOWNLOAD_STATUS	Modified Element. This element is not supported in version 7.6.1. The feature is always disabled.
NOISY_LINE	Modified Element. This element is not supported in version 7.6.1. The feature is always disabled.
RETURN_AND_UNMUTE	Modified Element. This element is not supported in version 7.6.1. The feature is always disabled.
RETURN_AND_MUTE	Modified Element. This element is not supported in version 7.6.1. The feature is always disabled.
ADJUST_NOISE_DETECTION	Modified Element. This element is not supported in version 7.6.1. The feature is always disabled.
DISABLE_NOISE_DETECTION	Modified Element. This element is not supported in version 7.6.1. The feature is always disabled.
PLAY_NOISY_LINE_MENU	Modified Element. This element is not supported in version 7.6.1. The feature is always disabled.
PLAY_NOISY_LINE_DETECTION_MESSAGE	Modified Element. This element is not supported in version 7.6.1. The feature is always disabled.
RECORDING_PARAMS	Modified Element. This element is not supported in version 7.6.1. The feature is always disabled.
PLAYBACK_PARAMS	Modified Element. This element is not supported in version 7.6.1. The feature is always disabled.
Ivr2MsgContent	Modified complexType. This type is not supported in version 7.6.1. The feature is always disabled.

Table 2-4 *obj_av_msg_service Schema - Additions and Modifications (Continued)*

Item	Description
IvrParamsContent	<p>Modified complexType. Added reference to the element: INVITE_PARTICIPANT.</p> <p>Used by the element: IVR_PARAMS</p> <p>Sample code:</p> <pre><xsd:complexType name="IvrParamsContent"> <xsd:sequence> <xsd:element ref="IS_ENTRY_QUEUE_SERVICE" minOccurs="0"/> <xsd:element ref="EXTERNAL_SERVER" minOccurs="0"/> <xsd:element ref="INPUT_RETRIES_NUMBER" minOccurs="0"/> <xsd:element ref="INPUT_TIMEOUT_SEC" minOccurs="0"/> : <xsd:element ref="RECORDING_PARAMS" minOccurs="0"/> <!--not supported- feature always disabled --> <xsd:element ref="PLAYBACK_PARAMS" minOccurs="0"/> <!--not supported- feature always disabled --> <xsd:element ref="INVITE_PARTICIPANT" minOccurs="0"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></pre>
NoisyLineContent	<p>Modified complexType. This type is not supported in version 7.6.1. The feature is always disabled.</p>

Table 2-4 *obj_av_msg_service Schema - Additions and Modifications (Continued)*

Item	Description
InviteParticipantContent	<p>New complexType.</p> <p>This type contains the details for the Invite Participant using DTMF option.</p> <p>Includes references to the following elements:</p> <ul style="list-style-type: none"> DIAL_OUT_PROTOCOL_TYPE_LIST DTMF_FORWARD_DURATION <p>Used by the element: INVITE_PARTICIPANT</p> <p>Sample code:</p> <pre><xsd:complexType name="InviteParticipantContent"> <xsd:sequence> <xsd:element ref="DIAL_OUT_PROTOCOL_TYPE_LIST" minOccurs="0" /> <xsd:element ref="DTMF_FORWARD_DURATION" minOccurs="0"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></pre>
ProtocolTypeContent	<p>New complexType.</p> <p>This type contains the details of the protocol types for the Invite Participant option. Includes reference to the element: DIAL_OUT_PROTOCOL_TYPE</p> <p>Used by the element: PROTOCOL_TYPE_CONTENT</p> <p>Sample code:</p> <pre><xsd:complexType name="ProtocolTypeContent"> <xsd:sequence> <xsd:element ref="DIAL_OUT_PROTOCOL_TYPE" minOccurs="0"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></pre>

Table 2-4 *obj_av_msg_service Schema - Additions and Modifications (Continued)*

Item	Description
DIAL_OUT_PROTOCOL_TYPE_LIST	<p>New Element.</p> <p>This element contains the list of dial out protocols for the Invite Participant option. Includes reference to the element: PROTOCOL_TYPE_CONTENT.</p> <p>Used by the complexType: InviteParticipantContent</p> <p>Sample code:</p> <pre><xsd:element name="DIAL_OUT_PROTOCOL_TYPE_LIST"> <xsd:complexType> <xsd:sequence> <xsd:element ref="PROTOCOL_TYPE_CONTENT" minOccurs="0" maxOccurs="unbounded"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType> </xsd:element></pre>
DialOutProtocolType	<p>New simpleType.</p> <p>This type contains the values of the dial out protocols for the Invite Participant option. Enumeration value.</p> <p>The values are:</p> <ul style="list-style-type: none"> enumeration off - No dial out protocol specified. enumeration h323 - The H.323 protocol was specified as a dial out protocol. enumeration sip - The SIP protocol was specified as a dial out protocol. enumeration isdn - The ISDN protocol was specified for the dial out protocol. enumeration pstn - The PSTN protocol was specified for the dial out protocol. <p>Used by the element: DIAL_OUT_PROTOCOL_TYPE</p> <p>Sample code:</p> <pre><xsd:simpleType name="DialOutProtocolType"> <xsd:restriction base="xsd:string"> <xsd:enumeration value="off"/> <xsd:enumeration value="h323"/> <xsd:enumeration value="sip"/> <xsd:enumeration value="isdn"/> <xsd:enumeration value="pstn"/> </xsd:restriction> </xsd:simpleType></pre>
OperatorAssistanceContent	<p>Modified complexType.</p> <p>Reference to element ENABLED_ON_FAILURE not supported in version 7.6.1.</p>

Table 2-4 *obj_av_msg_service Schema - Additions and Modifications (Continued)*

Item	Description
DtmfOpcodeType	<p>Modified simpleType. Added new enumeration value:</p> <ul style="list-style-type: none"> enumeration invite_party - DTMF operation code for the Invite Participant option. <p>Used by the element: OPCODE</p> <p>Sample code:</p> <pre> <xsd:simpleType name="DtmfOpcodeType"> <xsd:restriction base="xsd:string"> <xsd:enumeration value="private_assistance"/> <!--supported from v4.1--> <xsd:enumeration value="public_assistance"/> <!--supported from v4.1--> <xsd:enumeration value="mute_me"/> <xsd:enumeration value="unmute_me"/> : <xsd:enumeration value="start_pcm"/> <xsd:enumeration value="venus_controller"/><!-- supported from version 7.1--> <xsd:enumeration value="unknown"/> <!--not supported--> <xsd:enumeration value="invite_party"/> </xsd:restriction> </xsd:simpleType> </pre>

Table 2-4 *obj_av_msg_service Schema - Additions and Modifications (Continued)*

Item	Description
IvrEventType	<p>Modified simpleType.</p> <p>Added two new enumeration values:</p> <ul style="list-style-type: none"> enumeration blip_on_cascade_link - a ping signal when a cascade link joins a conference. enumeration invite_party - Invite Participant option. <p>Used by the element: EVENT_TYPE</p> <p>Sample code:</p> <pre><xsd:simpleType name="IvrEventType"> <xsd:restriction base="xsd:string"> <xsd:enumeration value="get_language"/> <!--not supported--> <xsd:enumeration value="get_language_retry"/> <!--not supported--> <xsd:enumeration value="get_conf_password"/> <xsd:enumeration value="get_conf_password_retry"/> : <xsd:enumeration value="dial_out_party_disconnected"/> <xsd:enumeration value="No_Video_Resources_Audio_Only"/> <xsd:enumeration value="blip_on_cascade_link"/> <xsd:enumeration value="invite_party"/> </xsd:restriction> </xsd:simpleType></pre>
IvrMsgListContent	<p>Modified complexType.</p> <p>This type is not supported in version 7.6.1.</p>

Schema obj_ip_service - Modifications

Table 2-5 obj_ip_service Schema - Modifications

Item	Description
ManagementSecurityContent	<p>Modified complexType. Reference to element REQUEST_PEER_CERTIFICATE is supported in version 7.6.1.</p> <p>Sample code:</p> <pre> <xsd:complexType name="ManagementSecurity Content"> <xsd:sequence> <xsd:element ref="REQUEST_PEER_ CERTIFICATE"/> <xsd:element ref="ENABLE_OCSP" minOccurs="0"/> <!--not supported--> <xsd:element ref="OCSP_GLOBAL_ RESPONDER_URI" minOccurs="0"/> <!--not supported--> <xsd:element ref="ALWAYS_USE_GLOBAL_ OCSP_RESPONDER" minOccurs="0"/> <!--not supported--> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType> </pre>

Schema obj_ongoing_party - Modifications

Table 2-6 obj_ongoing_party Schema - Modifications

Item	Description
IpChannelType	<p>Modified simpleType. Added new enumeration value:</p> <ul style="list-style-type: none"> enumeration bfc_p_udp - BFCP over UDP (For future use - will be supported in version 7.7) <p>Sample code:</p> <pre><xsd:simpleType name="IpChannelType"> <xsd:restriction base="xsd:string"> <xsd:enumeration value="h225"/> <xsd:enumeration value="h245"/> <xsd:enumeration value="audio_in"/> <xsd:enumeration value="audio_out"/> <xsd:enumeration value="video_in"/> <xsd:enumeration value="video_out"/> <xsd:enumeration value="t120_in"/> <xsd:enumeration value="t120_out"/> <xsd:enumeration value="audio_content_in"/> <xsd:enumeration value="audio_content_out"/> <xsd:enumeration value="video_content_in"/> <xsd:enumeration value="video_content_out"/> <xsd:enumeration value="fecc_in"/> <xsd:enumeration value="fecc_out"/> <xsd:enumeration value="bfc_p"/> <!-- This is bfc_p over tcp--> <xsd:enumeration value="bfc_p_udp"/> <!-- This is bfc_p over udp supported from version 7.7--> </xsd:restriction> </xsd:simpleType></pre>

Schema `obj_res_summary_list` - Modifications

Table 2-7 `obj_res_summary_list` Schema - Modifications

Item	Description
ProfileSummaryContent	<p>Modified complexType. Reference to element <code>ENCRYPTION_TYPE</code> is supported from version 7.6.1.</p> <p>Used by the element: <code>PROFILE_SUMMARY</code></p> <p>Sample code:</p> <pre> <xsd:complexType name="ProfileSummaryContent"> <xsd:sequence> <xsd:element ref="NAME" minOccurs="0"/> <xsd:element ref="ID"/> <xsd:element ref="RES_CHANGE"/> <xsd:element ref="DURATION" minOccurs="0" /> <!--not supported--> <xsd:element ref="MEET_ME_PHONE" minOccurs="0" /> : <xsd:element ref="ENCRYPTION_TYPE" minOccurs="0"/> : <xsd:element ref="RES_STATUS" minOccurs="0"/> > <xsd:element ref="TIP_COMPATIBILITY" minOccurs="0"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType> </pre>

Schema **obj_reservation** - Additions and Modifications

Table 2-8 *obj_reservation Schema - Additions and Modifications*

Item	Description
ENTERPRISE_MODE	Deleted Element. This element was deleted from the obj_reservation schema and moved to the common_trans schema.
EnterpriseModeType	Deleted simpleType. This type was deleted from the obj_reservation schema and moved to the common_trans schema.
EnterpriseProtocolType	<p>Modified simpleType. Added the following enumeration values:</p> <ul style="list-style-type: none"> enumeration h.264_fix - Fixed content mode for cascaded conferences. enumeration h.264_dynamic - Three possible H.264 content resolutions (HD720 5fps, HD720 30fps, and HD1080 15fps). <p>This value is configured as follows:</p> <ul style="list-style-type: none"> Highest common between the three resolutions Content rate is derived from the conference rate and several system flags <p>For both h.264_fix and h.264_dynamic, participant endpoints using H.263 Content only (including ISDN) are connected as legacy endpoints.</p> <p>Used by the element: ENTERPRISE_PROTOCOL</p> <p>Sample code:</p> <pre><xsd:simpleType name="EnterpriseProtocolType"> <xsd:restriction base="xsd:string"> <xsd:enumeration value="h.263"/> <xsd:enumeration value="up_to_h.264"/> <xsd:enumeration value="h.264_fix"/> <xsd:enumeration value="h.264_dynamic"/> </xsd:restriction> </xsd:simpleType></pre>

Table 2-8 *obj_reservation Schema - Additions and Modifications (Continued)*

Item	Description
ReservationContent	<p>Modified complexType.</p> <p>Added the following references to the elements:</p> <ul style="list-style-type: none"> • SITE_NAME • CASCADE_OPTIMIZE_RESOLUTION <p>Reference to element ENCRYPTION_TYPE supported from version 7.6.1.</p> <p>Used by the element: RESERVATION</p> <p>Sample code:</p> <pre><xsd:complexType name="ReservationContent"> <xsd:sequence> <xsd:element ref="OBJ_TOKEN" minOccurs="0"/> <xsd:element ref="CHANGED" minOccurs="0"/> <xsd:element ref="NAME" minOccurs="0"/> <!-- MUST param when starting a reservation --> <xsd:element ref="ID" minOccurs="0"/> <!-- MUST param when updating a reservation --> : <xsd:element ref="SITE_NAME" minOccurs="0"/> : <xsd:element ref="CASCADE_OPTIMIZE_RESOLUTION" minOccurs="0"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> <xsd:element ref="PARTY_LIST" minOccurs="0"/> </xsd:sequence> </xsd:complexType></pre>

Schema obj_tcp_dump - Modifications

Table 2-9 *obj_tcp_dump - Modifications*

Item	Description
STORAGE_IN_USED	<p>Modified Element.</p> <p>Added default value of 0.</p> <p>Sample code:</p> <pre><xsd:element name="STORAGE_IN_USED" type="xsd:integer" default="0"/></pre>

Schema response_trans_av_msg_service_list - Modifications

Table 2-10 response_trans_av_msg_service_list - Modifications

Item	Description
GET_IVR_MSG_LIST	<p>Modified Element. This element is not supported in version 7.6.1.</p> <p>Sample code:</p> <pre><xsd:element name="GET_IVR_MSG_LIST"> <!--not supported--> <xsd:complexType> <xsd:sequence> <xsd:element ref="IVR_MSG_LIST" minOccurs="0"/> </xsd:sequence> </xsd:complexType> </xsd:element></pre>

Schema response_trans_card - Modifications

Table 2-11 response_trans_card Schema - Modifications

Item	Description
ACTIONS	<p>Modified group. The following references are supported in version 7.6.1:</p> <ul style="list-style-type: none"> DISABLE_UNITS - The unit is disabled in the RMX and is not part of the resource allocation pool. ENABLE_UNITS - The unit is enabled in the RMX and is restored in the resource allocation pool. RESET_UNITS - The selected unit is reset. <p>Sample code:</p> <pre><xsd:group name="ACTIONS"> <xsd:choice> <xsd:element ref="GET"/> <xsd:element ref="NEW_CARD"/> <!--not supported--> : <xsd:element ref="DISABLE_UNITS"/> <xsd:element ref="ENABLE_UNITS"/> <xsd:element ref="RESET_UNITS"/> : <xsd:element ref="GET_UNIT"/> <xsd:element ref="GET_PERFORMANCE_ MONITORING"/> <!--not supported--> </xsd:choice> </xsd:group></pre>

Schema response_trans_conf - Additions

Table 2-12 response_trans_conf Schema - Additions

Item	Description
SET_SITE_NAME	<p>New Element.</p> <p>This element contains the site name configuration during a conference.</p> <p>Sample code:</p> <pre><xsd:element name="SET_SITE_NAME"/></pre>

Schema response_trans_mcu - Additions and Modifications

Table 2-13 response_trans_mcu Schema - Additions and Modifications

Item	Description
GET_DYNAMIC_CONTENT_RATE_TABLE	<p>New Element.</p> <p>This element contains the dynamic content rate table for content enhancements support. Includes reference to the element: DYNAMIC_CONTENT_RATE_TABLE</p> <p>Used by the group ACTIONS.</p> <p>Sample code:</p> <pre><xsd:element name="GET_DYNAMIC_CONTENT_RATE_TABLE"> <xsd:complexType> <xsd:sequence> <xsd:element ref="DYNAMIC_CONTENT_RATE_TABLE"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType> </xsd:element></pre>

Table 2-13 *response_trans_mcu Schema - Additions and Modifications (Continued)*

Item	Description
ACTIONS	<p>Modified Group. Added reference to the element: GET_DYNAMIC_CONTENT_RATE_TABLE.</p> <p>Sample code:</p> <pre><xsd:group name="ACTIONS"> <xsd:choice> <xsd:element ref="LOGIN"/> <xsd:element ref="LOGOUT"/> <xsd:element ref="GET_STATE"/> : <xsd:element ref="GET_LAST_UPDATE_KEY_CODE_INDICATION"/> <xsd:element ref="SHIFT_RESERVATIONS_TIME"/> <xsd:element ref="GET_DYNAMIC_CONTENT_RATE_TABLE"/> </xsd:choice> </xsd:group></pre>

Schema trans_av_msg_service_list - Modifications

Table 2-14 *trans_av_msg_service_list Schema - Modifications*

Item	Description
GET_IVR_MSG_LIST	<p>Modified Element. This element is not supported in version 7.6.1.</p> <p>Sample code:</p> <pre><xsd:element name="GET_IVR_MSG_LIST"> <!--not supported--> <xsd:complexType> <xsd:sequence> <xsd:element ref="OBJ_TOKEN"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType> </xsd:element></pre>

Schema trans_card - Modifications

Table 2-15 trans_card Schema - Modifications

Item	Description
ACTIONS	<p>Modified Group.</p> <p>The following references to elements are supported in version 7.6.1:</p> <ul style="list-style-type: none"> • DISABLE_UNITS • ENABLE_UNITS • RESET_UNITS <p>Sample code:</p> <pre> <xsd:group name="ACTIONS"> <xsd:choice> <xsd:element ref="GET"/> : <xsd:element ref="DISABLE_UNITS"/> <!--supported from v7.6.1--> <xsd:element ref="ENABLE_UNITS"/> <!--supported from v7.6.1--> <xsd:element ref="RESET_UNITS"/> <!--supported from v7.6.1--> : <xsd:element ref="GET_UNIT"/> <xsd:element ref="GET_PERFORMANCE_ MONITORING"/> <!--not supported--> </xsd:choice> </xsd:group> </pre>

Schema trans_conf_2 - Additions and Modifications

Table 2-16 trans_conf_2 Schema - Additions and Modifications

Item	Description
SET_SITE_NAME	<p>New Element.</p> <p>This element sets the site names for the conference. Includes references to the following elements:</p> <ul style="list-style-type: none"> • ID • SITE_NAME <p>Used by the Group ACTIONS</p> <p>Sample code:</p> <pre><xsd:element name="SET_SITE_NAME"> <xsd:complexType> <xsd:sequence> <xsd:element ref="ID"/> <xsd:element ref="SITE_NAME"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType> </xsd:element></pre>
ACTIONS	<p>Modified Group.</p> <p>Added reference to the element: SET_SITE_NAME</p> <p>Used by the element: ACTION</p> <p>Sample code:</p> <pre><xsd:group name="ACTIONS"> <xsd:choice> <xsd:element ref="GET"/> <xsd:element ref="SET_LOCK"/> <!--not supported--> <xsd:element ref="SET_END_TIME"/> <xsd:element ref="SET_AUDIO_VIDEO_MUTE"/> : <xsd:element ref="SET_MESSAGE_OVERLAY"/> <xsd:element ref="SET_PARTY_MESSAGE_ OVERLAY"/> <xsd:element ref="SET_SITE_NAME"/> </xsd:choice> </xsd:group></pre>

Schema trans_mcu - Additions and Modifications

Table 2-17 trans_mcu Schema - Additions and Modifications

Item	Description
GET_DYNAMIC_CONTENT_RATE_TABLE	<p>New Element.</p> <p>This element retrieves the dynamic content rate table for content enhancements support.</p> <p>Used by the group ACTIONS</p> <p>Sample code: <code><xsd:element name = "GET_DYNAMIC_CONTENT_RATE_TABLE" /></code></p>
ACTIONS	<p>Modified Group.</p> <p>Added reference to the element GET_DYNAMIC_CONTENT_RATE_TABLE.</p> <p>Used by the following elements:</p> <ul style="list-style-type: none"> TRANS_MCU ACTION <p>Sample code: <code><xsd:group name="ACTIONS"></code> <code><xsd:choice></code> <code><xsd:element ref="LOGIN"/></code> <code><xsd:element ref="LOGOUT"/></code> <code><xsd:element ref="GET_STATE"/></code> <code><xsd:element ref="GET_MEMORY_STATE"/></code> <code><!--not supported--></code> <code>:</code> <code><xsd:element ref="GET_LAST_UPDATE_KEY_CODE_INDICATION"/></code> <code><xsd:element ref="SHIFT_RESERVATIONS_TIME"/></code> <code><xsd:element ref="GET_DYNAMIC_CONTENT_RATE_TABLE"/></code> <code></xsd:choice></code> <code></xsd:group></code></p>

Version 7.6 - New Schemas

The following schemas were added to the RMX XML API kit in version 7.6:

Table 3-1 New Schemas List

Schema Name	Description
obj_active_directory	Holds information about the Active Directory.
obj_certificate_summary	Holds information of a security certificate used by the RMX.
obj_certificate_summary_list	Holds a list of the information of a security certificate used by the RMX.
obj_logger	Contains information about the Logger Configuration function.
response_trans_certificate_list	Contains the response to the trans_certificate_list schema, which is used to retrieve a list of certificates from the MCU.
response_trans_logger	Contains the response to the trans_logger schema, which is used to manage the Logger Configuration utility.
trans_certificate_list	Used for Server Certificate monitoring.
trans_logger	Used to manage the Logger Configuration utility.

Active Directory

RMX supports configuring direct interaction between the RMX and Microsoft Active Directory for authentication and authorization of Management Network users. The *obj_active_directory* schema contains information about the Active Directory deployed in the user environment. Information retrieval and updating the Active Directory is performed through the *trans_mcu* schema.

Certificate Security

The PKI (Public Key Infrastructure) is a set of tools and policies deployed to enhance the security of data communications between networking entities.

The implementation of PKI on the RMX has been enhanced to ensure that all networked entities are checked for the presence of unique certificates by implementing the following rules and procedures during the TLS negotiation:

- The RMX identifies itself with the same certificate when operating as a server and as a client.
- The RMX's management applications: RMX Web Client and RMX Manager, identify themselves with certificates.
- While establishing the required TLS connection, there is an exchange of certificates between all entities.
- Entities such as CMA and DMA that function as both client and server within the Management Network identify themselves with the same certificate for both their client and server functions.

The *obj_certificate_summary* schema holds information about a security certificate used by the RMX. The *obj_certificate_summary_list* schema holds a list of security certificates and their statuses. Information retrieval and updating the security certificates are implemented using the *trans_certificate* and *trans_certificate_list* schemas. The *response_trans_certificate_list* schema contains the responses to the *trans_certificate_list* requests.

Logger Configuration Utility

The Logger Configuration utility enables you to download logger files in real time, using an external Log Viewer application. The *obj_logger* schema contains information about the logger configuration function. Information retrieval and updating the logger configuration function are implemented using the *trans_logger* schema. The *response_trans_logger* schema contains the responses to the *trans_logger* requests.

Schema *obj_active_directory* - New Elements, Groups, and Types

Table 3-2 *obj_active_directory* Schema - New Components

Item	Description
ACTIVE_DIRECTORY_CONFIG_PARAMS	<p>New Element.</p> <p>This element contains a list of the Active Directory configuration parameters. Includes the type: <i>ActiveDirectoryConfigContent</i></p> <p>Sample code:</p> <pre><xsd:element name="ACTIVE_DIRECTORY_CONFIG_PARAMS" type="ActiveDirectoryConfigContent"/></pre>
ENABLE_DIRECTORY_SERVICES	<p>New Element.</p> <p>Indicates whether or not the Active Directory feature is enabled or disabled.</p> <p>Values are:</p> <ul style="list-style-type: none"> true - Active Directory feature is enabled false - Active Directory feature is disabled <p>Used by the complexType: <i>ActiveDirectoryConfigContent</i></p> <p>Sample code:</p> <pre><xsd:element name="ENABLE_DIRECTORY_SERVICES" type="xsd:boolean"/></pre>
DIRECTORY_TYPE	<p>New Element.</p> <p>Identifies the type of the Enterprise Directory Server. Includes the type: <i>DirectoryType</i></p> <p>Used by the complexType: <i>ActiveDirectoryConfigContent</i></p> <p>Sample code:</p> <pre><xsd:element name="DIRECTORY_TYPE" type="DirectoryType"/></pre>

Table 3-2 *obj_active_directory Schema - New Components (Continued)*

Item	Description
DIRECTORY_NAME_ADDRESS	<p>New Element. This element contains the IP address or DNS name of the Enterprise Directory Server (Active Directory).</p> <p>Used by the complexType: ActiveDirectoryConfigContent</p> <p>Sample code: <xsd:element name="DIRECTORY_NAME_ADDRESS" type="xsd:string"/></p>
DIRECTORY_PORT	<p>New Element. Identifies the Active Directory port number. Includes the type: DirectoryPortType</p> <p>Used by the complexType: ActiveDirectoryConfigContent</p> <p>Sample code: <xsd:element name="DIRECTORY_PORT" type="DirectoryPortType"/></p>
BASE_DN	<p>New Element. Contains the starting point when searching for User and Group information in the Active Directory.</p> <p>Used by the complexType: ActiveDirectoryConfigContent</p> <p>Sample code: <xsd:element name="BASE_DN" type="xsd:string"/></p>
AUTHENTICATION_TYPE	<p>New Element. This element identifies the Active Directory Authentication type. Includes the type: AuthenticationType</p> <p>Used by the complexType: ActiveDirectoryConfigContent</p> <p>Sample code: <xsd:element name="AUTHENTICATION_TYPE" type="AuthenticationType"/></p>
LDAP_ADMINISTRATOR_ROLE	<p>New Element. This element identifies whether the RMX user authorization level that is mapped to an Active Directory Group or Role is Administrator.</p> <p>Used by the complexType: ActiveDirectoryConfigContent</p> <p>Sample code: <xsd:element name="LDAP_ADMINISTRATOR_ROLE" type="xsd:string"/></p>

Table 3-2 *obj_active_directory Schema - New Components (Continued)*

Item	Description
LDAP_AUDITOR_ROLE	<p>New Element. This element identifies whether the RMX user authorization level that is mapped to an Active Directory Group or Role is Auditor.</p> <p>Used by the complexType: ActiveDirectoryConfigContent</p> <p>Sample code: <xsd:element name="LDAP_AUDITOR_ROLE" type="xsd:string"/></p>
LDAP_CHAIRPERSON_ROLE	<p>New Element. This element identifies whether the RMX user authorization level that is mapped to an Active Directory Group or Role is Chairperson.</p> <p>Used by the complexType: ActiveDirectoryConfigContent</p> <p>Sample code: <xsd:element name="LDAP_CHAIRPERSON_ROLE" type="xsd:string"/></p>
LDAP_OPERATOR_ROLE	<p>New Element. This element identifies whether the RMX user authorization level that is mapped to an Active Directory Group or Role is Operator.</p> <p>Used by the complexType: ActiveDirectoryConfigContent</p> <p>Sample code: <xsd:element name="LDAP_OPERATOR_ROLE" type="xsd:string"/></p>

Table 3-2 *obj_active_directory Schema - New Components (Continued)*

Item	Description
ActiveDirectoryConfigContent	<p>New complexType. This type contains the configuration parameters of the Active Directory. Includes references to the following elements:</p> <ul style="list-style-type: none"> • ENABLE_DIRECTORY_SERVICES • DIRECTORY_TYPE • DIRECTORY_NAME_ADDRESS • DIRECTORY_PORT • BASE_DN • AUTHENTICATION_TYPE • LDAP_ADMINISTRATOR_ROLE • LDAP_AUDITOR_ROLE • LDAP_CHAIRPERSON_ROLE • LDAP_OPERATOR_ROLE <p>Sample code:</p> <pre><xsd:complexType name="ActiveDirectoryConfigContent"> <xsd:sequence> <xsd:element ref="ENABLE_DIRECTORY_SERVICES" minOccurs="0"/> <xsd:element ref="DIRECTORY_TYPE" minOccurs="0"/> <xsd:element ref="DIRECTORY_NAME_ADDRESS" minOccurs="0"/> <xsd:element ref="DIRECTORY_PORT" minOccurs="0"/> <xsd:element ref="BASE_DN" minOccurs="0"/> <xsd:element ref="AUTHENTICATION_TYPE" minOccurs="0"/> <xsd:element ref="LDAP_ADMINISTRATOR_ROLE" minOccurs="0"/> <xsd:element ref="LDAP_AUDITOR_ROLE" minOccurs="0"/> <xsd:element ref="LDAP_CHAIRPERSON_ROLE" minOccurs="0"/> <xsd:element ref="LDAP_OPERATOR_ROLE" minOccurs="0"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></pre>

Table 3-2 *obj_active_directory Schema - New Components (Continued)*

Item	Description
DirectoryType	<p>New simpleType. This type contains the type of the Enterprise Directory Server. Enumeration value. Values are:</p> <ul style="list-style-type: none"> enumeration ms_active_directory - Microsoft Active Directory <p>Sample code:</p> <pre><xsd:simpleType name="DirectoryType"> <xsd:restriction base="xsd:string"> <xsd:enumeration value="ms_active_directory"/> </xsd:restriction> </xsd:simpleType></pre>
DirectoryPortType	<p>New simpleType. This type contains the Active Directory port number. Enumeration value. Values are:</p> <ul style="list-style-type: none"> enumeration 389 - Port 389 enumeration 636 - Port 636 <p>Sample code:</p> <pre><xsd:simpleType name="DirectoryPortType"> <xsd:restriction base="xsd:string"> <xsd:enumeration value="389"/> <xsd:enumeration value="636"/> </xsd:restriction> </xsd:simpleType></pre>
AuthenticationType	<p>New simpleType. This type contains the Active Directory Authentication type. Enumeration value. Values are:</p> <ul style="list-style-type: none"> enumeration plain - Plain text enumeration ntlm - NTLM <p>Sample code:</p> <pre><xsd:simpleType name="AuthenticationType"> <xsd:restriction base="xsd:string"> <xsd:enumeration value="plain"/> <xsd:enumeration value="ntlm"/> </xsd:restriction> </xsd:simpleType></pre>

Schema `obj_certificate_summary` - New Elements, Groups, and Types

Table 3-3 *obj_certificate_summary Schema - New Components*

Item	Description
CERTIFICATE_SUMMARY	<p>New Element. Contains summary information of the certificate, such as Issued To, Issued By, Expiration Date and Status. Includes the type: CertificateSummaryContent</p> <p>Sample code: <code><xsd:element name="CERTIFICATE_SUMMARY" type="CertificateSummaryContent"/></code> </p>
SERIAL_NUMBER	<p>New Element. Contains a unique CA certificate and Personal certificate serial number.</p> <p>Used in the complexType: CertificateSummaryContent</p> <p>Sample code: <code><xsd:element name="SERIAL_NUMBER" type="xsd:string"/></code> </p>
ISSUED_TO	<p>New Element. Indicates the organization/entity to which the certificate was issued.</p> <p>Used in the complexType: CertificateSummaryContent</p> <p>Sample code: <code><xsd:element name="ISSUED_TO" type="xsd:string"/></code> </p>
ISSUED_BY	<p>New Element. Indicates the Certificate Authority that issues the certificate.</p> <p>Used in the complexType: CertificateSummaryContent</p> <p>Sample code: <code><xsd:element name="ISSUED_BY" type="xsd:string"/></code> </p>
VALID_FROM	<p>New Element. Indicates the date the certificate became valid.</p> <p>Used in the complexType: CertificateSummaryContent</p> <p>Sample code: <code><xsd:element name="VALID_FROM" type="xsd:dateTime"/></code> </p>

Table 3-3 *obj_certificate_summary Schema - New Components (Continued)*

Item	Description
VALID_TO	<p>New Element. Indicates the date the certificate will expire.</p> <p>Used in the complexType: CertificateSummaryContent</p> <p>Sample code: <xsd:element name="VALID_TO" type="xsd:dateTime"/></p>
CERTIFICATE_STATUS	<p>New Element. Indicates the status of the certificate. Includes the type: CertificateStatusType</p> <p>Used in the complexType: CertificateSummaryContent</p> <p>Sample code: <xsd:element name="CERTIFICATE_STATUS" type="CertificateStatusType"/></p>

Table 3-3 *obj_certificate_summary Schema - New Components (Continued)*

Item	Description
CertificateSummaryContent	<p>New complexType. Contains the summary parameters of a certificate. Parameters change if the certificate is a CA/personal certificate or a certificate in the Certificate Revocation List (CRL). Includes references to the following elements:</p> <ul style="list-style-type: none"> • ID • SERIAL_NUMBER • ISSUED_TO • ISSUED_BY • VALID_FROM • VALID_TO • CERTIFICATE_STATUS • SERVICE_NAME <p>Sample code:</p> <pre><xsd:complexType name="CertificateSummaryContent"> <xsd:sequence> <xsd:element ref="ID" minOccurs="0"/> <xsd:element ref="SERIAL_NUMBER" minOccurs="0"/> <xsd:element ref="ISSUED_TO" minOccurs="0"/> <xsd:element ref="ISSUED_BY" minOccurs="0"/> <xsd:element ref="VALID_FROM" minOccurs="0"/> <xsd:element ref="VALID_TO" minOccurs="0"/> <xsd:element ref="CERTIFICATE_STATUS" minOccurs="0"/> <xsd:element ref="SERVICE_NAME" minOccurs="0"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></pre>

Schema `obj_certificate_summary_list` - New Elements, Groups, and Types

Table 3-4 `obj_certificate_summary_list` Schema - New Components

Item	Description
CERTIFICATE_SUMMARY_LIST	<p>New Element.</p> <p>Contains a list of summary information of the certificate, such as Issued To, Issued By, Expiration Date and Status. Includes the type: <code>CertificateSummaryListContent</code></p> <p>Sample code:</p> <pre><xsd:element name="CERTIFICATE_SUMMARY_LIST" type="CertificateSummaryListContent"/></pre>
<code>CertificateSummaryListContent</code>	<p>New complexType</p> <p>Contains a list of the summary parameters of a certificate. Parameters change if the certificate is a CA/personal certificate or a certificate in the Certificate Revocation List (CRL).</p> <p>Includes references to the following elements:</p> <ul style="list-style-type: none"> • OBJ_TOKEN • CHANGED • CERTIFICATE_SUMMARY <p>Used by the element: <code>CERTIFICATE_SUMMARY_LIST</code></p> <p>Sample code:</p> <pre><xsd:complexType name="CertificateSummaryListContent"> <xsd:sequence> <xsd:element ref="OBJ_TOKEN"/> <xsd:element ref="CHANGED"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> <xsd:element ref="CERTIFICATE_SUMMARY" minOccurs="0" maxOccurs="unbounded"/> </xsd:sequence> </xsd:complexType></pre>

Schema obj_logger - New Elements, Groups, and Types

Table 3-5 *obj_logger Schema - New Components*

Item	Description
LOG_CONFIG_DATA	<p>New Element. Contains details about the logger configuration data. Includes the type: LogConfigDataContent</p> <p>Sample code: <xsd:element name="LOG_CONFIG_DATA" type="LogConfigDataContent"/></p>
LOCAL_APPENDER	<p>New Element. Contains the modules to be configured for the local log. Includes the type: LocalLogContent</p> <p>Used by the complexType: LogConfigDataContent</p> <p>Sample code: <xsd:element name="LOCAL_APPENDER" type="LocalLogContent"/></p>
UDP_APPENDER	<p>New Element. Contains details about external log receivers configuration. Includes the type: UdpAppender</p> <p>Used by the complexType: LogConfigDataContent</p> <p>Sample code: <xsd:element name="UDP_APPENDER" type="UdpAppender"/></p>
SYSLOG_APPENDER	This element is not currently used.
MSG_AVG_RATE	<p>New Element. Contains the number of log traces handled by the Logger process.</p> <p>Used by the complexType: LogConfigDataContent</p> <p>Sample code: <xsd:element name="MSG_AVG_RATE" type="xsd:integer"/></p>

Table 3-5 *obj_logger Schema - New Components (Continued)*

Item	Description
CHECKED	<p>New Element.</p> <p>Indicates whether or not the module is enabled for logging.</p> <p>Values are:</p> <ul style="list-style-type: none"> true - the module is enabled for logging false - the module is disabled for logging <p>Used by the following complexTypes:</p> <ul style="list-style-type: none"> ProcessInfo ModuleInfo LocalLogContent UdpAppender <p>Sample code:</p> <pre><xsd:element name="CHECKED" type="xsd:boolean"/></pre>
REMOTE_VIEWER_DURATION	<p>New Element.</p> <p>Contains the amount of time (in hours) that the MCU sends log traces to the external logger receiver. Includes the type: UDPSendDuration</p> <p>Used in the complexType: UdpAppender</p> <p>Sample code:</p> <pre><xsd:element name="REMOTE_VIEWER_DURATION" type="UDPSendDuration"/></pre>
LOG4CXX_LEVEL	<p>New Element.</p> <p>Specifies the log4cxx level for each log message sent to the external receiver. Includes the type: Log4cxxLogLevel</p> <p>Used by the complexType: ModuleInfo</p> <p>sample code:</p> <pre><xsd:element name="LOG4CXX_LEVEL" type="Log4cxxLogLevel"/></pre>
MODULE_NAME	<p>New Element.</p> <p>Contains the module name. Includes the type: ModuleName</p> <p>Used by the complexType: ModuleInfo</p> <p>Sample code:</p> <pre><xsd:element name="MODULE_NAME" type="ModuleName"/></pre>

Table 3-5 *obj_logger Schema - New Components (Continued)*

Item	Description
ALL_MODULE_PROCESS_NAME	<p>New Element.</p> <p>Contains the process names for all modules. Includes the type: ProcessName</p> <p>Used by the complexType: ProcessInfo</p> <p>Sample code: <code><xsd:element name="ALL_MODULE_PROCESS_NAME" type="ProcessName"/></code></p>
MODULE_INFO	<p>New Element.</p> <p>Contains the module name, the log4cxx level, and the process to be configured for the Logger function. Includes the type: ModuleInfo</p> <p>Used by the complexType: ModuleList</p> <p>Sample code: <code><xsd:element name="MODULE_LIST" type="ModuleList"/></code></p>
PROCESS_INFO	<p>New Element.</p> <p>Contains a list of each process module and whether the process is enabled or disabled for Logger Configuration. Includes the type: ProcessInfo</p> <p>Used by the complexType: ProcessList</p> <p>Sample code: <code><xsd:element name="PROCESS_INFO" type="ProcessInfo"/></code></p>
PROCESS_LIST	<p>New Element.</p> <p>Specifies the source of the log message. Includes the type: ProcessList</p> <p>Used by the complexType: ModuleInfo</p> <p>Sample code: <code><xsd:element name="PROCESS_LIST" type="ProcessList"/></code></p>

Table 3-5 *obj_logger Schema - New Components (Continued)*

Item	Description
LogConfigDataContent	<p>New complexType. This type contains Logger Configuration parameters. Includes references to the following elements:</p> <ul style="list-style-type: none"> • LOCAL_APPENDER • UDP_APPENDER • SYSLOG_APPENDER (Not used) • MSG_AVG_RATE <p>Sample code:</p> <pre><xsd:complexType name="LogConfigDataContent"> <xsd:sequence> <xsd:element ref="LOCAL_APPENDER" minOccurs="0"/> <xsd:element ref="UDP_APPENDER" minOccurs="0"/> <xsd:element ref="SYSLOG_APPENDER" minOccurs="0"/> <xsd:element ref="MSG_AVG_RATE" minOccurs="0"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></pre>
Log4cxxLogLevel	<p>New simpleType. This type contains the log4cxx level for each log message sent to the external receiver. Enumeration value. Values are:</p> <ul style="list-style-type: none"> • enumeration TRACE - Trace • enumeration DEBUG - Debug • enumeration INFO - Information • enumeration WARN - Warning • enumeration ERROR - Error • enumeration FATAL - Fatal <p>Used in the element: LOG4CXX_LEVEL</p> <p>Sample code:</p> <pre><xsd:simpleType name="Log4cxxLogLevel"> <xsd:restriction base="xsd:string"> <xsd:enumeration value="TRACE"/> <xsd:enumeration value="DEBUG"/> <xsd:enumeration value="INFO"/> <xsd:enumeration value="WARN"/> <xsd:enumeration value="ERROR"/> <xsd:enumeration value="FATAL"/> </xsd:restriction> </xsd:simpleType></pre>

Table 3-5 *obj_logger Schema - New Components (Continued)*

Item	Description
UDPSendDuration	<p>New simpleType.</p> <p>This type contains the amount of time (in hours) that the MCU sends log traces to the external logger receiver. Enumeration value.</p> <p>Values are:</p> <ul style="list-style-type: none"> enumeration 1 - 1 hour enumeration 2 - 2 hours enumeration 4 - 4 hours enumeration 6 - 6 hours enumeration 8 - 8 hours enumeration 12 - 12 hours enumeration 16 - 16 hours enumeration 24 - 24 hours enumeration 48 - 48 hours <p>Used by the element: REMOTE_VIEWER_DURATION</p> <p>Sample code:</p> <pre><xsd:simpleType name="UDPSendDuration"> <xsd:restriction base="xsd:string"> <xsd:enumeration value="1"/> <xsd:enumeration value="2"/> <xsd:enumeration value="4"/> <xsd:enumeration value="6"/> <xsd:enumeration value="8"/> <xsd:enumeration value="12"/> <xsd:enumeration value="16"/> <xsd:enumeration value="24"/> <xsd:enumeration value="48"/> </xsd:restriction> </xsd:simpleType></pre>

Table 3-5 *obj_logger Schema - New Components (Continued)*

Item	Description
ProcessName	<p>New simpleType. This type contains the process names for the Logger Configuration. Enumeration value.</p> <p>Used by the element: ALL_MODULE_PROCESS_NAME</p> <p>Sample code:</p> <pre><xsd:simpleType name="ProcessName"> <xsd:restriction base="xsd:string"> <xsd:enumeration value="InvalidProcess"/> <xsd:enumeration value="McmsDaemon"/> <xsd:enumeration value="Configurator"/> <xsd:enumeration value="Logger"/> <xsd:enumeration value="Auditor"/> <xsd:enumeration value="Faults"/> <xsd:enumeration value="IPMCInterface"/> <xsd:enumeration value="SNMPProcess"/> <xsd:enumeration value="CSMgr"/> <xsd:enumeration value="CertMgr"/> <xsd:enumeration value="McuMgr"/> <xsd:enumeration value="ConfParty"/> <xsd:enumeration value="Cards"/> <xsd:enumeration value="CDR"/> <xsd:enumeration value="Resource"/> <xsd:enumeration value="SipProxy"/> <xsd:enumeration value="DNSAgent"/> <xsd:enumeration value="Gatekeeper"/> <xsd:enumeration value="QAAPi"/> <xsd:enumeration value="ExchangeModule"/> <xsd:enumeration value="EncryptionKeyServer"/> <xsd:enumeration value="Authentication"/> <xsd:enumeration value="Installer"/> <xsd:enumeration value="RtmIsdnMgr"/> <xsd:enumeration value="BackupRestore"/> <xsd:enumeration value="MplApi"/> <xsd:enumeration value="CSApi"/> <xsd:enumeration value="Collector"/> <xsd:enumeration value="SystemMonitoring"/> <xsd:enumeration value="MediaMgr"/> <xsd:enumeration value="Failover"/> <xsd:enumeration value="LdapModule"/> <xsd:enumeration value="AntiVirus"/> <xsd:enumeration value="ApacheModule"/> <xsd:enumeration value="GideonSim"/> <xsd:enumeration value="EndpointsSim"/> <xsd:enumeration value="TestClient"/> <xsd:enumeration value="Demo"/> <xsd:enumeration value="McuCmd"/> </xsd:restriction> </xsd:simpleType></pre>

Table 3-5 *obj_logger Schema - New Components (Continued)*

Item	Description
	<pre> <xsd:enumeration value="ClientLogger"/> <xsd:enumeration value="Diagnostics"/> <xsd:enumeration value="CS"/> <xsd:enumeration value="Utility"/> <xsd:enumeration value="EMA"/> <xsd:enumeration value="MplProcess"/> <xsd:enumeration value="MfaCardManager"/> <xsd:enumeration value="SwitchCardManager"/> <xsd:enumeration value="VideoDsp"/> <xsd:enumeration value="ArtDsp"/> <xsd:enumeration value="EmbeddedApacheModule"/> <xsd:enumeration value="UndefinedProcess"/> </xsd:restriction> </xsd:simpleType> </pre>
ModuleName	<p>New simpleType. This type contains the module name. Enumeration value. Values are:</p> <ul style="list-style-type: none"> • enumeration Mcms • enumeration EMA • enumeration MediaCard <p>Used by the element: MODULE_NAME</p> <p>Sample code:</p> <pre> <xsd:simpleType name="ModuleName"> <xsd:restriction base="xsd:string"> <xsd:enumeration value="Mcms"/> <xsd:enumeration value="EMA"/> <xsd:enumeration value="MediaCard"/> </xsd:restriction> </xsd:simpleType> </pre>

Table 3-5 *obj_logger Schema - New Components (Continued)*

Item	Description
ProcessInfo	<p>New complexType.</p> <p>This type contains the processes and whether they are enabled or disabled for the Logger Configuration function. Includes references to the following elements:</p> <ul style="list-style-type: none"> ALL_MODULE_PROCESS_NAME CHECKED <p>Used by the element: PROCESS_INFO</p> <p>Sample code:</p> <pre><xsd:complexType name="ProcessInfo"> <xsd:sequence> <xsd:element ref="ALL_MODULE_PROCESS_NAME" minOccurs="0"/> <xsd:element ref="CHECKED" minOccurs="0"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></pre>
ModuleInfo	<p>New complexType.</p> <p>This type contains the module names, whether the modules are enabled or disabled for Logger Configuration, the level of each log message sent to the external receiver, and the processes to be logged. Includes references to the following elements:</p> <ul style="list-style-type: none"> MODULE_NAME CHECKED LOG4CXX_LEVEL PROCESS_LIST <p>Used by the element: MODULE_INFO</p> <p>Sample code:</p> <pre><xsd:complexType name="ModuleInfo"> <xsd:sequence> <xsd:element ref="MODULE_NAME" minOccurs="0"/> <xsd:element ref="CHECKED" minOccurs="0"/> <xsd:element ref="LOG4CXX_LEVEL" minOccurs="0"/> <xsd:element ref="PROCESS_LIST" minOccurs="0"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></pre>

Table 3-5 *obj_logger Schema - New Components (Continued)*

Item	Description
ModuleList	<p>New complexType. This type contains a list of module configuration parameters. Includes reference to the element: MODULE_INFO</p> <p>Used by the element: MODULE_LIST</p> <p>Sample code: <pre><xsd:complexType name="ModuleList"> <xsd:sequence> <xsd:element ref="MODULE_INFO" minOccurs="0" maxOccurs="unbounded"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></pre> </p>
ProcessList	<p>New complexType. This type contains a list of process configuration parameters. Includes reference to the element: PROCESS_INFO</p> <p>Used by the element: PROCESS_LIST</p> <p>Sample code: <pre><xsd:complexType name="ProcessList"> <xsd:sequence> <xsd:element ref="PROCESS_INFO" minOccurs="0" maxOccurs="unbounded"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></pre> </p>
LocalLogContent	<p>New complexType. This type contains local log configuration parameters. Includes references to the following elements:</p> <ul style="list-style-type: none"> CHECKED MODULE_LIST <p>Used by the element: LOCAL_APPENDER</p> <p>Sample code: <pre><xsd:complexType name="LocalLogContent"> <xsd:sequence> <xsd:element ref="CHECKED" minOccurs="0"/> <xsd:element ref="MODULE_LIST" minOccurs="0"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></pre> </p>

Table 3-5 *obj_logger Schema - New Components (Continued)*

Item	Description
UdpAppender	<p>New complexType. This type contains external log receivers configuration parameters. Includes references to the following elements:</p> <ul style="list-style-type: none"> • IP • PORT • CHECKED • MODULE_LIST • REMOTE_VIEWER_DURATION <p>Used by the element: UDP_APPENDER</p> <p>Sample code:</p> <pre><xsd:complexType name="UdpAppender"> <xsd:sequence> <xsd:element ref="IP" minOccurs="0"/> <xsd:element ref="PORT" minOccurs="0"/> <xsd:element ref="CHECKED" minOccurs="0"/> <xsd:element ref="MODULE_LIST" minOccurs="0"/> <xsd:element ref="REMOTE_VIEWER_DURATION" minOccurs="0"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></pre>
SyslogAppender	<p>New complexType. This type is not currently used.</p>

Schema response_trans_certificate_list - New Elements, Groups, and Types

Table 3-6 *response_trans_certificate_list Schema - New Components*

Item	Description
UPDATE_CERTIFICATE_REPOSITORY	<p>New Element. Indicates to the MCU that the certificate repository is to be updated.</p> <p>Used by the group element: ACTIONS</p> <p>Sample code:</p> <pre><xsd:element name="UPDATE_CERTIFICATE_REPOSITORY"/></pre>

Table 3-6 *response_trans_certificate_list Schema - New Components (Continued)*

Item	Description
REPOSITORY_CHANGED_BUT_NOT_UPDATED	<p>New Element.</p> <p>Indicates whether or not the certificate repository has been updated but the MCU cannot yet ascertain the new updated values.</p> <p>Values are:</p> <ul style="list-style-type: none"> true - the certificate repository has been updated but the MCU cannot yet ascertain the new values false - the certificate repository has not been updated <p>Used in the element: CERTIFICATES_LIST_CONTENT</p> <p>Sample code:</p> <pre><xsd:element name="REPOSITORY_CHANGED_BUT_NOT_UPDATED" type="xsd:boolean"/></pre>
RESPONSE_TRANS_CERTIFICATE_LIST	<p>New Element.</p> <p>This element contains the response to the trans_certificate_list schema, which is used to manage and configure certificates.</p> <p>Includes reference to the following elements:</p> <ul style="list-style-type: none"> RETURN_STATUS ACTIONS (Group element) ACTION <p>Sample code:</p> <pre><xsd:element name="RESPONSE_TRANS_CERTIFICATE_LIST"> <xsd:complexType> <xsd:sequence> <xsd:element ref="RETURN_STATUS"/> <xsd:choice> <xsd:group ref="ACTIONS"/> <xsd:element ref="ACTION"/> </xsd:choice> </xsd:sequence> </xsd:complexType> </xsd:element></pre>

Table 3-6 *response_trans_certificate_list Schema - New Components (Continued)*

Item	Description
TRUSTED_CA_LIST	<p>New Element.</p> <p>Contains the list of trusted CA certificates. Includes reference to the element: CERTIFICATE_SUMMARY_LIST</p> <p>Used by the element: CERTIFICATES_LIST_CONTENT</p> <p>Sample code:</p> <pre><xsd:element name="TRUSTED_CA_LIST"> <xsd:complexType> <xsd:sequence> <xsd:element ref="CERTIFICATE_SUMMARY_LIST" minOccurs="0"/> </xsd:sequence> </xsd:complexType> </xsd:element></pre>
PERSONAL_CERTIFICATE_LIST	<p>New Element.</p> <p>Contains the list of personal certificates (Management Certificates) in the MCU. Includes reference to the element: CERTIFICATE_SUMMARY_LIST</p> <p>Used by the element: CERTIFICATES_LIST_CONTENT</p> <p>Sample code:</p> <pre><xsd:element name="PERSONAL_CERTIFICATE_LIST"> <xsd:complexType> <xsd:sequence> <xsd:element ref="CERTIFICATE_SUMMARY_LIST" minOccurs="0"/> </xsd:sequence> </xsd:complexType> </xsd:element></pre>
UNTRUSTED_CERTIFICATE_LIST	<p>New Element.</p> <p>Contains the list of untrusted certificates in the CRL. Includes reference to the element: CERTIFICATE_SUMMARY_LIST</p> <p>Used by the element: CERTIFICATES_LIST_CONTENT</p> <p>Sample code:</p> <pre><xsd:element name="UNTRUSTED_CERTIFICATE_LIST"> <xsd:complexType> <xsd:sequence> <xsd:element ref="CERTIFICATE_SUMMARY_LIST" minOccurs="0"/> </xsd:sequence> </xsd:complexType> </xsd:element></pre>

Table 3-6 *response_trans_certificate_list Schema - New Components (Continued)*

Item	Description
GET	<p>New Element.</p> <p>Indicates that the requested action is to retrieve a certificate list from the MCU. Includes reference to the element: CERTIFICATE_LIST_CONTENT</p> <p>Used by the group element: ACTIONS</p> <p>Sample code"</p> <pre><xsd:element name="GET"> <xsd:complexType> <xsd:sequence> <xsd:element ref="CERTIFICATES_LIST_CONTENT" minOccurs="0"/> </xsd:sequence> </xsd:complexType> </xsd:element></pre>
CERTIFICATES_LIST_CONTENT	<p>New Element.</p> <p>Contains the contents of one of the three types of certificates lists retrieved from the MCU. Includes reference to the following elements:</p> <ul style="list-style-type: none"> • TRUSTED_CA_LIST • PERSONAL_CERTIFICATE_LIST • UNTRUSTED_CERTIFICATE_LIST • REPOSITORY_CHANGED_BUT_NOT_UPDATED <p>Used by the element: GET</p> <p>Sample code:</p> <pre><xsd:element name="CERTIFICATES_LIST_CONTENT"> <xsd:complexType> <xsd:sequence> <xsd:element ref="TRUSTED_CA_LIST" minOccurs="0"/> <xsd:element ref="PERSONAL_CERTIFICATE_LIST" minOccurs="0"/> <xsd:element ref="UNTRUSTED_CERTIFICATE_LIST" minOccurs="0"/> <xsd:element ref="REPOSITORY_CHANGED_BUT_NOT_UPDATED" minOccurs="0"/> </xsd:sequence> </xsd:complexType> </xsd:element></pre>

Table 3-6 *response_trans_certificate_list Schema - New Components (Continued)*

Item	Description
ACTIONS	<p>New Group.</p> <p>Identifies the Certificates list operations to be performed. Contains reference to the following:</p> <ul style="list-style-type: none"> • GET • UPDATE_CERTIFICATE_REPOSITORY <p>Used by the element: ACTION</p> <p>Sample code:</p> <pre><xsd:group name="ACTIONS"> <xsd:choice> <xsd:element ref="GET"/> <xsd:element ref="UPDATE_CERTIFICATE_REPOSITORY"/> </xsd:choice> </xsd:group></pre>
ACTION	<p>New Element.</p> <p>This element contains the ACTIONS group which identifies the action that was requested. Includes the reference to the group: ACTIONS</p> <p>Used by the element: RESPONSE_TRANS_CERTIFICATE_LIST</p> <p>Sample code:</p> <pre><xsd:element name="ACTION"> <xsd:complexType> <xsd:sequence> <xsd:group ref="ACTIONS"/> </xsd:sequence> </xsd:complexType> </xsd:element></pre>

Schema response_trans_logger - New Elements, Groups, and Types

Table 3-7 *response_trans_logger Schema - New Components*

Item	Description
UPDATE	<p>New Element.</p> <p>Updates the logger configuration utility.</p> <p>Used by the group: ACTIONS</p> <p>Sample code:</p> <pre><xsd:element name="UPDATE"/></pre>

Table 3-7 *response_trans_logger Schema - New Components (Continued)*

Item	Description
RESPONSE_TRANS_LOGGER	<p>New Element.</p> <p>The response for logger configuration update request. Includes references to the following elements:</p> <ul style="list-style-type: none"> • RETURN_STATUS • ACTIONS • ACTION <p>Sample code:</p> <pre><xsd:element name="RESPONSE_TRANS_LOGGER"> <xsd:complexType> <xsd:sequence> <xsd:element ref="RETURN_STATUS"/> <xsd:choice> <xsd:group ref="ACTIONS"/> <xsd:element ref="ACTION"/> </xsd:choice> </xsd:sequence> </xsd:complexType> </xsd:element></pre>
GET	<p>New Element.</p> <p>Retrieves the logger configuration data. Includes reference to the element: LOG_CONFIG_DATA</p> <p>Used by the group: ACTIONS</p> <p>Sample code:</p> <pre><xsd:element name="GET"> <xsd:complexType> <xsd:sequence> <xsd:element ref="LOG_CONFIG_DATA" minOccurs="0"/> </xsd:sequence> </xsd:complexType> </xsd:element></pre>

Table 3-7 *response_trans_logger Schema - New Components (Continued)*

Item	Description
ACTIONS	<p>New Group. Identifies the Logger Configuration operations to be performed. Contains references to the following elements:</p> <ul style="list-style-type: none"> • UPDATE • GET <p>Used by the following elements:</p> <ul style="list-style-type: none"> • RESPONSE_TRANS_LOGGER • ACTION <p>Sample code:</p> <pre><xsd:group name="ACTIONS"> <xsd:choice> <xsd:element ref="UPDATE"/> <xsd:element ref="GET"/> </xsd:choice> </xsd:group></pre>
ACTION	<p>New Element. Identifies the operation to be performed. This element contains the ACTIONS group which identifies the operation to be performed.</p> <p>Used by the element: RESPONSE_TRANS_LOGGER</p> <p>Sample code:</p> <pre><xsd:element name="ACTION"> <xsd:complexType> <xsd:sequence> <xsd:group ref="ACTIONS"/> </xsd:sequence> </xsd:complexType> </xsd:element></pre>

Schema trans_certificate_list - New Elements, Groups, and Types

Table 3-8 *trans_certificate_list Schema - New Components*

Item	Description
GET	<p>New Element. Retrieves the Certificate Authority certificate repository.</p> <p>Used by the group: ACTIONS</p> <p>Sample code:</p> <pre><xsd:element name="GET"/></pre>

Table 3-8 *trans_certificate_list Schema - New Components (Continued)*

Item	Description
UPDATE_CERTIFICATE_REPOSITORY	<p>New Element.</p> <p>This element updates the certificate repository.</p> <p>Used by the group: ACTIONS</p> <p>Sample code:</p> <pre><xsd:element name="UPDATE_CERTIFICATE_REPOSITORY"/></pre>
TRANS_CERTIFICATE_LIST	<p>New Element.</p> <p>The TRANS_CERTIFICATE_LIST element is used to manage the CA certificate repository. Includes reference to the following elements:</p> <ul style="list-style-type: none"> TRANS_COMMON_PARAMS ACTIONS (group) ACTION <p>Sample code:</p> <pre><xsd:element name="TRANS_CERTIFICATE_LIST"> <xsd:complexType> <xsd:sequence> <xsd:element ref="TRANS_COMMON_PARAMS"/> <xsd:choice> <xsd:group ref="ACTIONS"/> <xsd:element ref="ACTION"/> </xsd:choice> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType> </xsd:element></pre>
ACTIONS	<p>New Group.</p> <p>Identifies the Certificates list operations to be performed. Contains reference to the following:</p> <ul style="list-style-type: none"> GET UPDATE_CERTIFICATE_REPOSITORY <p>Used by the following elements:</p> <ul style="list-style-type: none"> TRANS_CERTIFICATE_LIST ACTION <p>Sample code:</p> <pre><xsd:group name="ACTIONS"> <xsd:choice> <xsd:element ref="GET"/> <xsd:element ref="UPDATE_CERTIFICATE_REPOSITORY"/> </xsd:choice> </xsd:group></pre>

Table 3-8 *trans_certificate_list Schema - New Components (Continued)*

Item	Description
ACTION	<p>New Element.</p> <p>This element contains the ACTIONS group which identifies the operation to be performed. Contains reference to the group: ACTIONS</p> <p>Used by the element: TRANS_CERTIFICATE_LIST</p> <p>Sample code:</p> <pre><xsd:element name="ACTION"> <xsd:complexType> <xsd:sequence> <xsd:group ref="ACTIONS"/> </xsd:sequence> </xsd:complexType> </xsd:element></pre>

Schema trans_logger - New Elements, Groups, and Types

Table 3-9 *trans_logger Schema - New Components*

Item	Description
GET	<p>New Element.</p> <p>Retrieves details about the Logger Configuration utility.</p> <p>Used by the group: ACTIONS</p> <p>Sample code:</p> <pre><xsd:element name="GET"/></pre>

Table 3-9 *trans_logger Schema - New Components (Continued)*

Item	Description
TRANS_LOGGER	<p>New Element.</p> <p>The TRANS_LOGGER element is used to manage the Logger Configuration utility.</p> <p>Includes references to the following elements:</p> <ul style="list-style-type: none"> TRANS_COMMON_PARAMS ACTIONS ACTION <p>Sample code:</p> <pre><xsd:element name="TRANS_LOGGER"> <xsd:complexType> <xsd:sequence> <xsd:element ref="TRANS_COMMON_PARAMS"/> > <xsd:choice> <xsd:group ref="ACTIONS"/> <xsd:element ref="ACTION"/> </xsd:choice> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType> </xsd:element></pre>
UPDATE	<p>New Element.</p> <p>Updates the Logger Configuration utility. Includes reference to the element: LOG_CONFIG_DATA</p> <p>Used by the group: ACTIONS</p> <p>Sample code:</p> <pre><xsd:element name="UPDATE"> <xsd:complexType> <xsd:sequence> <xsd:element ref="LOG_CONFIG_DATA"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType> </xsd:element></pre>

Table 3-9 *trans_logger Schema - New Components (Continued)*

Item	Description
ACTIONS	<p>New Group. Identifies the Logger Configuration operations to be performed. Contains references to the following elements:</p> <ul style="list-style-type: none"> • UPDATE • GET <p>Used by the following elements:</p> <ul style="list-style-type: none"> • TRANS_LOGGER • ACTION <p>Sample code:</p> <pre><xsd:group name="ACTIONS"> <xsd:choice> <xsd:element ref="UPDATE"/> <xsd:element ref="GET"/> </xsd:choice> </xsd:group></pre>
ACTION	<p>New Element. This element contains the ACTIONS group which identifies the operation to be performed. Includes reference to the group: ACTIONS</p> <p>Used by the element: TRANS_LOGGER</p> <p>Sample code:</p> <pre><xsd:element name="ACTION"> <xsd:complexType> <xsd:sequence> <xsd:group ref="ACTIONS"/> </xsd:sequence> </xsd:complexType> </xsd:element></pre>

Version 7.6 - Changes to Existing Schemas

Schema common_obj - Additions and Modifications

Table 4-1 common_obj Schema - Additions and Modifications

Item	Description
CertificateStatusType	<p>New SimpleType. This type contains the status of the CA certificate. Enumeration value. Values are:</p> <ul style="list-style-type: none"> enumeration ok - Certificate is valid. enumeration revoked - The certificate was revoked. enumeration not_trusted_not_in_ca_store - The certificate was not trusted or not found in the CA store. enumeration expired_or_not_yet_valid - The Certificate has expired or is not valid. <p>Sample code:</p> <pre><xsd:simpleType name="CertificateStatusType"> <xsd:restriction base="xsd:string"> <xsd:enumeration value="ok"/> <xsd:enumeration value="revoked"/> <xsd:enumeration value="not_trusted_not_in_ ca_store"/> <xsd:enumeration value="expired_or_not_ yet_valid"/> </xsd:restriction> </xsd:simpleType></pre>

Table 4-1 common_obj Schema - Additions and Modifications (Continued)

Item	Description
VideoProtocolType	<p>Modified simpleType.</p> <p>Added new video protocol for H.264 High Profile:</p> <ul style="list-style-type: none"> enumeration h264_high_profile - H.264 High Profile protocol that enables high definition resolutions at lower line rates. <p>Note: For CP conferences, this value is applicable from version 7.0. For VSW conferences, this value is applicable from version 7.6.</p> <p>Used by the element: VIDEO_PROTOCOL</p> <p>Sample code:</p> <pre><xsd:simpleType name="VideoProtocolType"> <xsd:restriction base="xsd:string"> <xsd:enumeration value="auto"/> <xsd:enumeration value="h261"/> <xsd:enumeration value="h263"/> <xsd:enumeration value="h26L"/> <xsd:enumeration value="h264"/> <xsd:enumeration value="h264_high_profile"/> <xsd:enumeration value="rtv"/> </xsd:restriction> </xsd:simpleType></pre>

Schema common_trans - Additions and Modifications

Table 4-2 common_trans Schema - Additions and Modifications

Item	Description
V35_FOR_JITC	<p>New Element.</p> <p>Indicates whether or not the RMX Serial Gateway (S4GW) Ultra Secured Support using the V35 protocol is enabled.</p> <p>Values are:</p> <ul style="list-style-type: none"> true - the Serial Gateway is enabled false - the Serial Gateway is disabled <p>Used in the complexType: LoginResponseContent</p> <p>Sample code:</p> <pre><xsd:element name="V35_FOR_JITC" type="xsd:boolean" default="false"/></pre>

Table 4-2 *common_trans Schema - Additions and Modifications*

Item	Description
LoginResponseContent	<p>Modified complexType. The V35_FOR_JITC element was added to the Login Response details.</p> <p>Sample code:</p> <pre><xsd:complexType name="LoginResponseContent"> <xsd:sequence> <xsd:element ref="MCU_TOKEN" minOccurs="0"/> <xsd:element ref="MCU_USER_TOKEN" minOccurs="0"/> <xsd:element ref="VERSION_LIST" minOccurs="0"/> <xsd:element ref="AUTHORIZATION_GROUP" minOccurs="0"/> : <xsd:element ref="V35_FOR_JITC" minOccurs="0"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></pre>
ProductType	<p>Modified simpleType. Added new enumeration value for the AIO product:</p> <ul style="list-style-type: none"> enumeration Aio_1500 - AIO 1500 <p>Used by the element: PRODUCT_TYPE</p> <p>Sample code:</p> <pre><xsd:simpleType name="ProductType"> <xsd:restriction base="xsd:string"> <xsd:enumeration value="Rmx"/> <!-- before identifying the specific type --> <xsd:enumeration value="mgc_100"/> : <xsd:enumeration value="Rmx_2000"/> <xsd:enumeration value="Rmx_1000"/> <xsd:enumeration value="Rmx_6000"/> <xsd:enumeration value="npg_2000"/> <xsd:enumeration value="Rmx_4000"/> <xsd:enumeration value="Rmx_1500"/> <!--Supported since v7.0--> <xsd:enumeration value="Aio_1500"/> <xsd:enumeration value="Call_Generator"/> <!--not supported--> </xsd:restriction> </xsd:simpleType></pre>

Schema common_trans_obj - Additions and Modifications

Table 4-3 common_trans_obj - Additions and Modifications

Item	Description
PERMANENT	<p>New Element.</p> <p>Indicates whether the Permanent conference is enabled or disabled for the conference according to the conference end time.</p> <p>Values are:</p> <ul style="list-style-type: none"> true - Permanent conference is enabled for the conference and no end time is set for the conference. false - Permanent conference is disabled for the conference and an end time is set for the conference. <p>Sample code:</p> <pre><xsd:element name="PERMANENT" type="xsd:boolean"/></pre>
ProcessNameType	<p>Modified simpleType.</p> <p>Added the following processes:</p> <ul style="list-style-type: none"> enumeration LdapModule - LDAP Module enumeration BackupRestore - Backup/Restore <p>Sample code:</p> <pre><xsd:simpleType name="ProcessNameType"> <xsd:restriction base="xsd:string"> <xsd:enumeration value="InvalidProcess"/> <xsd:enumeration value="McmsDaemon"/> <xsd:enumeration value="Configurator"/> <xsd:enumeration value="Logger"/> <xsd:enumeration value="Faults"/> : <xsd:enumeration value="ExchangeModule"/> <xsd:enumeration value="LdapModule"/> <xsd:enumeration value="BackupRestore"/> </xsd:restriction> </xsd:simpleType></pre>

Schema obj_collect_info - Modifications

Table 4-4 obj_collect_info Schema - Modifications

Item	Description
CollectingType	<p>Modified simpleType. Added new enumeration value:</p> <ul style="list-style-type: none"> enumeration collecting_type_nids <p>Used by the element: TYPE</p> <p>Sample code:</p> <pre><xsd:simpleType name="CollectingType"> <xsd:restriction base="xsd:string"> <xsd:enumeration value="collecting_type_audit"/> <xsd:enumeration value="collecting_type_cdr"/> <xsd:enumeration value="collecting_type_cfg"/> <xsd:enumeration value="collecting_type_core_dumps"/> <xsd:enumeration value="collecting_type_cs"/> <xsd:enumeration value="collecting_type_faults_logs"/> <xsd:enumeration value="collecting_type_logs"/> <xsd:enumeration value="collecting_type_processes_info"/> <xsd:enumeration value="collecting_type_network_traffic_capture"/> <xsd:enumeration value="collecting_type_participants_recordings"/> <xsd:enumeration value="collecting_type_nids"/> </xsd:restriction> </xsd:simpleType></pre>

Schema `obj_dynamic_ip_service` - Modifications

Table 4-5 `obj_dynamic_ip_service` Schema - Modifications

Item	Description
GateKeeperConnectionState Type	<p>Modified simpleType. Added new enumeration value:</p> <ul style="list-style-type: none"> enumeration GK_Authentication_Failed - Gatekeeper authentication failed - H235 authentication status. <p>Sample code:</p> <pre><xsd:simpleType name="GateKeeperConnectionState Type"> <xsd:restriction base="xsd:string"> <xsd:enumeration value="GK_State_Invalid"/> <xsd:enumeration value="GK_Non_Registered"/> <xsd:enumeration value="GK_Discovery"/> <xsd:enumeration value="GK_Registration"/> <xsd:enumeration value="GK_Registered"/> <xsd:enumeration value="GK_Unregistration"/> <xsd:enumeration value="GK_Timeout_ Registration"/> <xsd:enumeration value="GK_Authentication_ Failed"/> </xsd:restriction> </xsd:simpleType></pre>

Schema obj_ethernet_settings - Additions and Modifications

Table 4-6 obj_ethernet_settings Schema - Additions and Modifications

Item	Description
EthernetPortType	<p>Modified simpleType.</p> <p>Added the following enumeration values:</p> <ul style="list-style-type: none"> enumeration Media_Signaling_Management - Not supported enumeration Media_Signaling - Media port used with multiple services. <p>Used by the element: ETHERNET_PORT_TYPE</p> <p>Sample code:</p> <pre><xsd:simpleType name="EthernetPortType"> <xsd:restriction base="xsd:string"> <xsd:enumeration value="Management_1"/> <xsd:enumeration value="Management_2"/> <xsd:enumeration value="ShM"/> <xsd:enumeration value="Signaling_1"/> <xsd:enumeration value="Signaling_2"/> <xsd:enumeration value="Media"/> <xsd:enumeration value="Modem"/> <xsd:enumeration value="Media_Signaling_Management"/> <xsd:enumeration value="Media_Signaling"/> </xsd:restriction> </xsd:simpleType></pre>

Schema obj_ip_service - Additions and Modifications

Table 4-7 obj_ip_service Schema - Additions and Modifications

Item	Description
MANAGEMENT_SECURITY	<p>New Element.</p> <p>Contains the management security details. Includes the type: ManagementSecurityContent</p> <p>Used by the group: IP_DETAILS</p> <p>Sample code:</p> <pre><xsd:element name="MANAGEMENT_SECURITY" type="ManagementSecurityContent"/></pre>

Table 4-7 *obj_ip_service Schema - Additions and Modifications (Continued)*

Item	Description
REQUEST_PEER_CERTIFICATE	<p>New Element.</p> <p>Indicates whether or not the Peer Certificate was verified with the CA and CRL.</p> <p>Used by the complexType: ManagementSecurityContent</p> <p>Sample code:</p> <pre><xsd:element name="REQUEST_PEER_CERTIFICATE" type="xsd:boolean" default="false"/></pre>
ENABLE_OCSP	<p><i>Not supported in this version.</i></p> <p>Indicates whether or not the OCSP server is enabled.</p> <p>Values are:</p> <ul style="list-style-type: none"> true - the OCSP server is enabled false - the OCSP server is disabled <p>Used by the complexType: ManagementSecurityContent</p> <p>Sample code:</p> <pre><xsd:element name="ENABLE_OCSP" type="xsd:boolean" default="false"/> <!--not supported--></pre>
OCSP_GLOBAL_RESPONDER_URI	<p><i>Not supported in this version.</i></p> <p>The OCSP Global Responder URI.</p> <p>Used by the complexType: ManagementSecurityContent</p> <p>Sample code:</p> <pre><xsd:element name="OCSP_GLOBAL_RESPONDER_URI" type="xsd:string"/> <!--not supported--></pre>
ALWAYS_USE_GLOBAL_OCSP_RESPONDER	<p><i>Not supported in this version.</i></p> <p>Indicates whether or not to always use the Global OCSP Responder.</p> <p>Used by the complexType: ManagementSecurityContent</p> <p>Sample code:</p> <pre><xsd:element name="ALWAYS_USE_GLOBAL_OCSP_RESPONDER" type="xsd:boolean" default="false"/> <!--not supported--></pre>

Table 4-7 *obj_ip_service Schema - Additions and Modifications (Continued)*

Item	Description
V35_GATEWAY	<p>New Element, Contains the V.35 gateway configuration. This configuration points to the gateway which is directly connected to the RMX and enables Gateway functionality/ configuration with the Web Client application. Includes the type: V35GatewayContent</p> <p>Used by the group: IP_DETAILS</p> <p>Sample code: <xsd:element name="V35_GATEWAY" type="V35GatewayContent"/></p>
V35_GATEWAY_ENABLED	<p>New Element. Indicates whether the gateway is enabled.</p> <p>Used by the complexType: V35GatewayContent</p> <p>Sample code: <xsd:element name="V35_GATEWAY_ENABLED" type="xsd:boolean" default="false"/></p>
V35_GATEWAY_IP	<p>New Element. Contains the gateway IP Address. Includes the type: IpAddressType</p> <p>Used by the complexType: V35GatewayContent</p> <p>Sample code: <xsd:element name="V35_GATEWAY_IP" type="IpAddressType"/></p>
V35_GATEWAY_USER_NAME	<p>New Element. Contains the user name of the gateway.</p> <p>Used by the complexType: V35GatewayContent</p> <p>Sample code: <xsd:element name="V35_GATEWAY_USER_NAME" type="xsd:string"/></p>
V35_GATEWAY_PASSWORD	<p>New Element. Contains the gateway password.</p> <p>Used by the complexType: V35GatewayContent</p> <p>Sample code: <xsd:element name="V35_GATEWAY_PASSWORD" type="xsd:string"/></p>

Table 4-7 *obj_ip_service Schema - Additions and Modifications (Continued)*

Item	Description
HttpDigestContent	<p>Modified complexType. Added reference to the element: ENABLE</p> <p>Used by the element: HTTP_DIGEST</p> <p>Sample code:</p> <pre><xsd:complexType name="HttpDigestContent"> <xsd:sequence> <xsd:element ref="USER" minOccurs="0"/> <xsd:element ref="PASSWORD" minOccurs="0"/> <xsd:element ref="DOMAIN" minOccurs="0"/> <!--not supported--> <xsd:element ref="SERVER_NAME" minOccurs="0"/> <!--not supported--> <xsd:element ref="KEYS_IP" minOccurs="0"/> <!--not supported--> <xsd:element ref="ENABLE" minOccurs="0"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></pre>
GateKeeperContent	<p>Modified complexType. Added the following references to the elements:</p> <ul style="list-style-type: none"> • USER_NAME • PASSWORD <p>Used by the element: GATEKEEPER</p> <p>Sample code:</p> <pre><xsd:complexType name="GateKeeperContent"> <xsd:sequence> <xsd:element ref="EXTERNAL_GATEKEEPER_ ADDRESS" minOccurs="0"/> <!--not supported--> <xsd:element ref="GATEKEEPER_DISCOVERY_ PORT" minOccurs="0"/> <xsd:element ref="GATE_KEEPER_MODE" minOccurs="0"/> <xsd:element ref="ALIAS" minOccurs="0"/> <xsd:element ref="RRQ_POLLING" minOccurs="0"/> <xsd:element ref="RRQ_POLLING_INTERVAL" minOccurs="0"/> <xsd:element ref="USER_NAME" minOccurs="0"/> <xsd:element ref="PASSWORD" minOccurs="0"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></pre>

Table 4-7 *obj_ip_service Schema - Additions and Modifications (Continued)*

Item	Description
ManagementSecurityContent	<p>New complexType. This type contains the parameters of management security element.</p> <p>Used by the element: MANAGEMENT_SECURITY</p> <p>Sample code: <code><xsd:complexType name="ManagementSecurityContent"></code> <code> <xsd:sequence></code> <code> <xsd:element ref="REQUEST_PEER_CERTIFICATE"/></code> <code> <xsd:element ref="ENABLE_OCSP" minOccurs="0"/> <!--not supported--></code> <code> <xsd:element ref="OCSP_GLOBAL_RESPONDER_URI" minOccurs="0"/></code> <code> <!--not supported--></code> <code> <xsd:element ref="ALWAYS_USE_GLOBAL_OCSP_RESPONDER" minOccurs="0"/></code> <code> <!--not supported--></code> <code> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/></code> <code> </xsd:sequence></code> <code></xsd:complexType></code></p>
V35GatewayContent	<p>New complexType. This type contains the V.35 Gateway parameters.</p> <p>Used by the element: V35_GATEWAY</p> <p>Sample code: <code><xsd:complexType name="V35GatewayContent"></code> <code> <xsd:sequence></code> <code> <xsd:element ref="V35_GATEWAY_ENABLED" minOccurs="0"/></code> <code> <xsd:element ref="V35_GATEWAY_IP" minOccurs="0"/></code> <code> <xsd:element ref="V35_GATEWAY_USER_NAME" minOccurs="0"/></code> <code> <xsd:element ref="V35_GATEWAY_PASSWORD" minOccurs="0"/></code> <code> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/></code> <code> </xsd:sequence></code> <code></xsd:complexType></code></p>

Table 4-7 *obj_ip_service Schema - Additions and Modifications (Continued)*

Item	Description
IP_DETAILS	<p>Modified Group.</p> <p>Added references to the following elements:</p> <ul style="list-style-type: none"> • MANAGEMENT_SECURITY • V35_GATEWAY <p>The PERMANENT_NETWORK is not supported in the IP_DETAILS group. The fixed value is true.</p> <p>Used by the complexType: IpServiceContent</p> <p>Sample code:</p> <pre><xsd:group name="IP_DETAILS"> <xsd:sequence> <xsd:element ref="NAME"/> <xsd:element ref="IP" minOccurs="0"/> <xsd:element ref="MASK" minOccurs="0"/> <xsd:element ref="ROUTER_LIST" minOccurs="0"/> : <xsd:element ref="MANAGEMENT_SECURITY" minOccurs="0"/> <xsd:element ref="SERVICE_ID" minOccurs="0"/> > <xsd:element ref="CFG_TYPE" minOccurs="0"/> <xsd:element ref="SERVICE_CFG" minOccurs="0"/> <xsd:element ref="V35_GATEWAY" minOccurs="0"/> </xsd:sequence> </xsd:group></pre>

Schema obj_ip_service_list - Additions and Modifications

Table 4-8 obj_ip_service_list Schema - Additions and Modifications

Item	Description
IP_SERVICE_LIST	<p>New Element.</p> <p>This element contains details of IP or Management Network Services. The DEFAULT_NAME element contains the name of the default H.323 IP Service. Includes the type: IpServiceListContent</p> <p>Note: The following elements are only supported for IP Network Services:</p> <ul style="list-style-type: none"> • DEFAULT_NAME • DEFAULT_SIP_NAME <p>Note: Currently there is only one IP Network Service and one Management Network Service.</p> <p>Sample code:</p> <pre><xsd:element name="IP_SERVICE_LIST" type="IpServiceListContent"/></pre>
DEFAULT_SIP_NAME	<p>New Element.</p> <p>The name of the default SIP IP Network Service.</p> <p>Used in the complexType: IpServiceListContent</p> <p>Sample code:</p> <pre><xsd:element name="DEFAULT_SIP_NAME" type="xsd:string"/></pre>

Table 4-8 *obj_ip_service_list Schema - Additions and Modifications (Continued)*

Item	Description
IpServiceListContent	<p>Modified complexType.</p> <p>Note: This type was renamed from FullIpServiceListType to IpServiceListContent.</p> <p>Added references to the following elements:</p> <ul style="list-style-type: none"> • DEFAULT_NAME • DEFAULT_SIP_NAME • IP_SERVICE <p>Deleted reference to the element: FULL_IP_SERVICE</p> <p>Used by the element; IP_SERVICE_LIST</p> <p>Sample code:</p> <pre><xsd:complexType name="IpServiceListContent"> <xsd:sequence> <xsd:element ref="OBJ_TOKEN"/> <xsd:element ref="CHANGED"/> <xsd:element ref="DEFAULT_NAME" minOccurs="0"/> <xsd:element ref="DEFAULT_SIP_NAME" minOccurs="0"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> <xsd:element ref="IP_SERVICE" minOccurs="0" maxOccurs="unbounded"/> </xsd:sequence> </xsd:complexType></pre>
FULL_IP_SERVICE_LIST	<p>Deleted Element.</p> <p>This element was replaced by IP_SERVICE_LIST.</p>

Schema obj_mcu_time - Additions and Modifications

Table 4-9 *obj_mcu_time Schema - Additions and Modifications*

Item	Description
NTP_IPV6_ADDRESS	<p>New Element.</p> <p>The IPv6 address of an NTP Server. Includes the type: IpV6AddressType</p> <p>Used by the complexType: NtpServerParametersContent</p> <p>Sample code:</p> <pre><xsd:element name="NTP_IPV6_ADDRESS" type="IpV6AddressType"/></pre>

Table 4-9 *obj_mcu_time Schema - Additions and Modifications (Continued)*

Item	Description
NtpServerParametersContent	<p>Modified complexType. Added reference to the new element: NTP_IPV6_ADDRESS</p> <p>Used by the element: NTP_SERVERS_PARAMETERS</p> <p>Sample code: <code><xsd:complexType name="NtpServerParametersContent"></code> <code><xsd:sequence></code> <code><xsd:element ref="NTP_IP_ADDRESS"/></code> <code><xsd:element ref="NTP_IPV6_ADDRESS"/></code> <code><xsd:element ref="NTP_SERVER_STATUS"/></code> <code></xsd:sequence></code> <code></xsd:complexType></code> </p>

Schema obj_ongoing_party - Additions and Modifications

Table 4-10 *obj_ongoing_party Schema - Additions and Modifications*

Item	Description
TIP_MODE	<p>New Element. Identifies whether the participant is connected to a Cisco CTS endpoint and its role as the master or slave. Includes the type: TipModeType</p> <p>Used by the complexType: OngoingPartyContent</p> <p>Sample code: <code><xsd:element name="TIP_MODE" type="TipModeType"/></code> </p>
CAC_STATUS	<p>New Element. Contains the allocated and requested bandwidths using the Microsoft Call Admission Control (CAC) protocol. Includes the type: CacStatusContent</p> <p>Used by the complexType: OngoingPartyContent</p> <p>Sample code: <code><xsd:element name="CAC_STATUS" type="CacStatusContent"/></code> </p>

Table 4-10 *obj_ongoing_party Schema - Additions and Modifications (Continued)*

Item	Description
CapCodeType	<p>Modified simpleType. Added new capability types for SirenLPR and SirenLPRS.</p> <p>Used by the following elements:</p> <ul style="list-style-type: none"> • CAP_CODE • PROTOCOL <p>Sample code:</p> <pre><xsd:simpleType name="CapCodeType"> <xsd:restriction base="xsd:string"> <xsd:enumeration value="g711Alaw64k"/> <xsd:enumeration value="g711Alaw56k"/> <xsd:enumeration value="g711Ulaw64k"/> <xsd:enumeration value="g711Ulaw56k"/> <xsd:enumeration value="g722_64k"/> <xsd:enumeration value="g722_56k"/> <xsd:enumeration value="g722_48k"/> : <xsd:enumeration value="sirenLPR_32k"/> <xsd:enumeration value="sirenLPR_48k"/> <xsd:enumeration value="sirenLPR_64k"/> <xsd:enumeration value="sirenLPRS_64k"/> <xsd:enumeration value="sirenLPRS_96k"/> <xsd:enumeration value="sirenLPRS_128k"/> : <xsd:enumeration value="annexQ"/> <xsd:enumeration value="rad_vision_fecc"/> <xsd:enumeration value="H239ControlCapCode"/> <xsd:enumeration value="DBC2CapCode"/> <xsd:enumeration value="UnknownAlgorithm"/> </xsd:restriction> </xsd:simpleType></pre>
CacStatusContent	<p>New complexType. This type contains the allocated and requested bandwidths using the Microsoft Call Admission Control (CAC) protocol.</p> <p>Used by the element: CAC_STATUS</p> <p>Sample code:</p> <pre><xsd:complexType name="CacStatusContent"> <xsd:sequence> <xsd:element ref="ALLOC_BANDWIDTH" minOccurs="0"/> <xsd:element ref="REQ_BANDWIDTH" minOccurs="0"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></pre>

Table 4-10 *obj_ongoing_party Schema - Additions and Modifications (Continued)*

Item	Description
TipModeType	<p>New SimpleType.</p> <p>This type contains the mode of the participant connected to a Cisco CTS endpoint and its role as the master or slave. Enumeration value.</p> <p>Values are:</p> <ul style="list-style-type: none"> enumeration none - The participant is not connected to a Cisco CTS endpoint. enumeration tip_master - The participant is the master Cisco CTS endpoint, and controls signaling of the additional participants slaves. enumeration tip_slave - The additional participants are the slave Cisco CTS endpoints and is controlled by the master CTS endpoint. <p>Used by the element: TIP_MODE</p> <p>Sample code:</p> <pre><xsd:simpleType name="TipModeType"> <xsd:restriction base="xsd:string"> <xsd:enumeration value="none"/> <xsd:enumeration value="tip_master"/> <xsd:enumeration value="tip_slave"/> </xsd:restriction> </xsd:simpleType></pre>

Table 4-10 *obj_ongoing_party Schema - Additions and Modifications (Continued)*

Item	Description
OngoingPartyContent	<p>Modified complexType.</p> <p>This type contains the parameters of a participant. Added references to the following new elements:</p> <ul style="list-style-type: none"> TIP_MODE CAC_STATUS <p>Used by the element: ONGOING_PARTY</p> <p>Sample code:</p> <pre><xsd:complexType name="OngoingPartyContent"> <xsd:sequence> <xsd:element ref="ONGOING_PARTY_CHANGE" minOccurs="0"/> <xsd:element ref="PARTY" minOccurs="0"/> <xsd:element ref="L_SYNC_LOSS" minOccurs="0"/> <!--supported from version 3.0--> <xsd:element ref="R_SYNC_LOSS" minOccurs="0"/> <!--supported from version 3.0--> <xsd:element ref="L_VIDEO_SYNC_LOSS" minOccurs="0"/> : <xsd:element ref="LPR_HEADERS_ACTIVATION" minOccurs="0"/> <xsd:element ref="TIP_MODE" minOccurs="0"/> <xsd:element ref="CAC_STATUS" minOccurs="0"/> > <!--this field is relevant only for sip interface type , valid from version 7.6--> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></pre>

Schema `obj_operator` - Additions and Modifications

Table 4-11 *obj_operator Schema - Additions and Modifications*

Item	Description
MACHINE_ACCOUNT	<p>New Element.</p> <p>Indicates whether this user account is associated with a machine or application such as CMA or DMA.</p> <p>Possible values are:</p> <ul style="list-style-type: none"> • true - the RMX user is associated with a machine or application such as CMA or DMA. • false - the RMX user is a standard application user and is not associated with a machine or application. <p>Used by the complexType: UserContent</p> <p>Sample code: <code><xsd:element name="MACHINE_ACCOUNT" type="xsd:boolean"/></code> </p>
FQDN_NAME	<p>New Element.</p> <p>Indicates the FQDN that is associated with the application-user's name. It is used for User names that are associated with servers (machines) or applications such as CMA and DMA.</p> <p>Used by the complexType: UserContent</p> <p>Sample code: <code><xsd:element name="FQDN_NAME" type="xsd:string"/></code> </p>

Table 4-11 *obj_operator Schema - Additions and Modifications (Continued)*

Item	Description
UserContent	<p>Modified complexType.</p> <p>This type contains the parameters of a User. Added references to the following new elements:</p> <ul style="list-style-type: none"> MACHINE_ACCOUNT FQDN_NAME <p>Used by the element: OPERATOR</p> <p>Sample code:</p> <pre><xsd:complexType name="UserContent"> <xsd:sequence> <xsd:element ref="USER_NAME" minOccurs="0"/> <xsd:element ref="PASSWORD" minOccurs="0"/> <xsd:element ref="AUTHORIZATION_GROUP" minOccurs="0"/> <xsd:element ref="OLD_USER_NAME" minOccurs="0"/> <xsd:element ref="NEW_USER_NAME" minOccurs="0"/> <xsd:element ref="DISABLED" minOccurs="0"/> <xsd:element ref="LOCKED" minOccurs="0"/> <xsd:element ref="MACHINE_ACCOUNT" minOccurs="0"/> <xsd:element ref="FQDN_NAME" minOccurs="0"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></pre>

Schema obj_party - Modifications

Table 4-12 obj_party Schema - Modifications

Item	Description
TelePresencePartyType	<p>Modified simpletype.</p> <p>Added new enumeration value for CTS TIP support:</p> <ul style="list-style-type: none"> enumeration cts - Cisco Telepresence Systems (CTS) mode. <p>Used by the element: TELEPRESENCE_MODE</p> <p>Sample code:</p> <pre><xsd:simpleType name="TelePresencePartyType"> <xsd:restriction base="xsd:string"> <xsd:enumeration value="none"/> <xsd:enumeration value="rpx"/> <xsd:enumeration value="tpx"/> <xsd:enumeration value="cts"/> </xsd:restriction> </xsd:simpleType></pre>

Schema `obj_res_summary_list` - Modifications

Table 4-13 `obj_res_summary_list` Schema - Modifications

Item	Description
MeetingRoomSummaryContent	<p>Modified complexType.</p> <p>Added reference to new element PERMANENT to indicate whether or not the conference is permanent (no end time).</p> <p>Used by the element: MEETING_ROOM_SUMMARY</p> <p>Sample code:</p> <pre><xsd:complexType name="MeetingRoomSummaryContent"> <xsd:sequence> <xsd:element ref="NAME" minOccurs="0"/> <xsd:element ref="ID"/> <xsd:element ref="RES_CHANGE"/> <xsd:element ref="RES_STATUS" minOccurs="0" /> <xsd:element ref="DURATION" minOccurs="0" /> <xsd:element ref="PERMANENT" minOccurs="0" /> : <xsd:element ref="SIP_REGISTRATIONS_ STATUS" minOccurs="0" /> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></pre>
ProfileSummaryContent	<p>Modified complexType.</p> <p>Added reference to new element TIP_COMPATIBILITY for Cisco CTS TIP compatibility.</p> <p>Used by the element: PROFILE_SUMMARY</p> <p>Sample code:</p> <pre><xsd:complexType name="ProfileSummaryContent"> <xsd:sequence> <xsd:element ref="NAME" minOccurs="0"/> <xsd:element ref="ID"/> <xsd:element ref="RES_CHANGE"/> <xsd:element ref="DURATION" minOccurs="0" /> <!--not supported--> : <xsd:element ref="RES_STATUS" minOccurs="0"/> <xsd:element ref="TIP_COMPATIBILITY" minOccurs="0"/> > <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></pre>

Schema obj_reservation - Additions and Modifications

Table 4-14 obj_reservation Schema - Additions and Modifications

Item	Description
H264_VSW_HIGH_PROFILE_PREFERENCE	<p>New Element.</p> <p>Identifies whether to use high profile endpoints in the Video Switching (VSW) conference or to connect participants as secondary (audio only). Includes the type: H264VSWHighProfilePreferenceType</p> <p>Used by the complexType: ReservationContent</p> <p>Sample code:</p> <pre><xsd:element name="H264_VSW_HIGH_PROFILE_PREFERENCE" type="H264VSWHighProfilePreferenceType" default="base_line_only"/></pre>
SITE_NAMES	<p>New Element.</p> <p>Indicates whether or not to display the site names on the endpoint screens during the conference, whenever the conference speaker changes.</p> <p>Values are:</p> <ul style="list-style-type: none"> true - the site name of the conference speaker is displayed on the endpoint screens during the conference false - the site name of the conference speaker is not displayed on the endpoint screens during the conference <p>Used by the complexType: ReservationContent</p> <p>Sample code:</p> <pre><xsd:element name="SITE_NAMES" type="xsd:boolean" default="true"/></pre>
TIP_COMPATIBILITY	<p>New Element.</p> <p>Determines the compatibility of video and content with Cisco telepresence endpoints. Includes the type: TipCompatibilityType.</p> <p>Used by the complexType: ReservationContent</p> <p>Sample code:</p> <pre><xsd:element name="TIP_COMPATIBILITY" type="TipCompatibilityType" default="none"/></pre>

Table 4-14 *obj_reservation Schema - Additions and Modifications (Continued)*

Item	Description
HDResolutionType	<p>Modified simpleType. Added enumeration value:</p> <ul style="list-style-type: none"> enumeration h261cif - H.261 CIF <p>Used by the element: HD_RESOLUTION</p> <p>Sample code:</p> <pre><xsd:simpleType name="HDResolutionType"> <xsd:restriction base="xsd:string"> <xsd:enumeration value="hd_1080"/> <xsd:enumeration value="hd_720"/> <xsd:enumeration value="hd_720p30"/> <!--not supported hd_720 is actually hd_720p30--> <xsd:enumeration value="hd_720p60"/> <xsd:enumeration value="sd"/> <xsd:enumeration value="h264cif"/> <xsd:enumeration value="h263cif"/> <xsd:enumeration value="h261cif"/> </xsd:restriction> </xsd:simpleType></pre>
H264VSWHighProfilePreferenceType	<p>New simpleType. This type contains the H.256 High Profile preference for endpoints connecting to a VSW conference. Enumeration value.</p> <p>Values are:</p> <ul style="list-style-type: none"> enumeration always - Always use high profile endpoints in this conference. Non high profile endpoints will connect as secondary. enumeration base_line_only - Non high profile endpoints and endpoints that support the H.264 protocol will connect to the conference. High profile endpoints will connect as secondary. <p>Used by the element: H264_VSW_HIGH_PROFILE_PREFERENCE</p> <p>Sample code:</p> <pre><xsd:simpleType name="H264VSWHighProfilePreferenceType"> <xsd:restriction base="xsd:string"> <xsd:enumeration value="always" /> <xsd:enumeration value="base_line_only" /> </xsd:restriction> </xsd:simpleType></pre>

Table 4-14 *obj_reservation Schema - Additions and Modifications (Continued)*

Item	Description
TipCompatibilityType	<p>New simpleType. This type contains the Cisco telepresence endpoints compatibility type. Enumeration value. Values are:</p> <ul style="list-style-type: none"> enumeration none - Cisco telepresence endpoints do not receive video or content. enumeration video_only - Cisco telepresence endpoints only receive video. enumeration video_and_content - Cisco telepresence endpoints receive both video and content. <p>Used by the element: TIP_COMPATIBILITY</p> <p>Sample code:</p> <pre><xsd:simpleType name="TipCompatibilityType"> <xsd:restriction base="xsd:string"> <xsd:enumeration value="none" /> <xsd:enumeration value="video_only" /> <xsd:enumeration value="video_and_content" /> </xsd:restriction> </xsd:simpleType></pre>

Table 4-14 *obj_reservation Schema - Additions and Modifications (Continued)*

Item	Description
ReservationContent	<p>Modified complexType.</p> <p>Added references to the following new elements:</p> <ul style="list-style-type: none"> • H264_VSW_HIGH_PROFILE_PREFERENCE • SITE_NAMES • TIP_COMPATIBILITY <p>Used by the element: RESERVATION</p> <p>Sample code:</p> <pre> xsd:complexType name="ReservationContent"> <xsd:sequence> <xsd:element ref="OBJ_TOKEN" minOccurs="0"/> <xsd:element ref="CHANGED" minOccurs="0"/> <xsd:element ref="NAME" minOccurs="0"/> <!-- MUST param when starting a reservation --> <xsd:element ref="ID" minOccurs="0"/> <!-- MUST param when updating a reservation --> <xsd:element ref="REMARK" minOccurs="0"/> <!--not supported--> : <xsd:element ref="H264_VSW_HIGH_PROFILE_PREFERENCE" minOccurs="0"/> <xsd:element ref="SERVICE_REGISTRATION_LIST" minOccurs="0"/> <xsd:element ref="SITE_NAMES" minOccurs="0"/> > <!--supported from version 4.7.2--> <xsd:element ref="TIP_COMPATIBILITY" minOccurs="0"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> <xsd:element ref="PARTY_LIST" minOccurs="0"/> </xsd:sequence> </xsd:complexType> </pre>

Schema response_trans_certificate - Additions and Modifications

Table 4-15 response_trans_certificate Schema - Additions and Modifications

Item	Description
SEND_CA	<p>New Element.</p> <p>Indicates that the requested action was to send a certificate from the MCU to the SIP Server directly to the CA.</p> <p>Used by the group element: ACTIONS</p> <p>Sample code: <xsd:element name="SEND_CA"/></p>
DELETE_CA	<p>New Element.</p> <p>Deletes a certificate from the CA.</p> <p>Used by the group element: ACTIONS</p> <p>Sample code: <xsd:element name="DELETE_CA"/></p>
DELETE_CRL	<p>New Element.</p> <p>Deletes a certificate from the CRL.</p> <p>Used by the group element: ACTIONS</p> <p>Sample code: <xsd:element name="DELETE_CRL"/></p>
CERTIFICATE_DETAILS	<p>New Element.</p> <p>Contains information about a certificate. Includes the type: CertificateDetailsContent</p> <p>Used by the following elements:</p> <ul style="list-style-type: none"> • GET • GET_CA • GET_CRL <p>Sample code: <xsd:element name="CERTIFICATE_DETAILS" type="CertificateDetailsContent"/></p>
CERTIFICATE_DETAILS_STRING	<p>New Element.</p> <p>Contains certificate information in a string.</p> <p>Used by the complexType: CertificateDetailsContent</p> <p>Sample code: <xsd:element name="CERTIFICATE_DETAILS_STRING" type="xsd:string"/></p>

Table 4-15 *response_trans_certificate Schema - Additions and Modifications (Continued)*

Item	Description
CertificateDetailsContent	<p>New complexType. This type contains the details of the certificates.</p> <p>Used by the element: CERTIFICATE_DETAILS</p> <p>Sample code:</p> <pre><xsd:complexType name="CertificateDetailsContent"> <xsd:sequence> <xsd:element ref="CERTIFICATE_DETAILS_STRING" minOccurs="0"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></pre>
GET	<p>New Element. Indicates that requested action is to retrieve a certificate from the MCU. Includes reference to the element: CERTIFICATE_DETAILS</p> <p>Used by the group element: ACTIONS</p> <p>Sample code:</p> <pre><xsd:element name="GET"> <xsd:complexType> <xsd:sequence> <xsd:element ref="CERTIFICATE_DETAILS"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType> </xsd:element></pre>
GET_CA	<p>New Element. Indicates that requested action is to retrieve a certificate from the CA. Includes reference to the element: CERTIFICATE_DETAILS</p> <p>Used by the group element: ACTIONS</p> <p>Sample code:</p> <pre><xsd:element name="GET_CA"> <xsd:complexType> <xsd:sequence> <xsd:element ref="CERTIFICATE_DETAILS"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType> </xsd:element></pre>

Table 4-15 *response_trans_certificate Schema - Additions and Modifications (Continued)*

Item	Description
GET_CRL	<p>New Element.</p> <p>Indicates that requested action is to retrieve a certificate from the CRL. Includes reference to the element: CERTIFICATE_DETAILS</p> <p>Used by the group element: ACTIONS</p> <p>Sample code:</p> <pre><xsd:element name="GET_CRL"> <xsd:complexType> <xsd:sequence> <xsd:element ref="CERTIFICATE_DETAILS"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType> </xsd:element></pre>

Table 4-15 *response_trans_certificate Schema - Additions and Modifications (Continued)*

Item	Description
ACTIONS	<p>Modified Group.</p> <p>The following new actions were added to the actions in this group:</p> <ul style="list-style-type: none"> • SEND_CA • DELETE_CA • DELETE_CRL • GET • GET_CA • GET_CRL <p>Used by the element: ACTION</p> <p>Sample code:</p> <pre> <xsd:group name="ACTIONS"> <xsd:choice> <xsd:element ref="SEND"/> <!-- supported from version 2.0.2--> <xsd:element ref="SEND_CS"/> <!-- supported from version 6.0--> <xsd:element ref="SEND_CA"/> <!-- supported from version 7.6--> <xsd:element ref="DELETE_CA"/> <!-- supported from version 7.6--> <xsd:element ref="DELETE_CRL"/> <!-- supported from version 7.6--> <xsd:element ref="GET"/> <!-- supported from version 7.6--> <xsd:element ref="GET_CA"/> <!-- supported from version 7.6--> <xsd:element ref="GET_CRL"/> <!-- supported from version 7.6--> </xsd:choice> </xsd:group> </pre>

Schema response_trans_conf - Additions and Modifications

Table 4-16 response_trans_conf Schema - Additions and Modifications

Item	Description
SET_PARTY_MESSAGE_OVERLAY	<p>New Element.</p> <p>Response to the request to display a text message on top of the live video on a specific participant screen during an ongoing conference.</p> <p>Used by the group: ACTIONS</p> <p>Sample code:</p> <pre><xsd:element name="SET_PARTY_MESSAGE_OVERLAY"/></pre>
ACTIONS	<p>Modified Group.</p> <p>A new action was added to the actions in this group: SET_PARTY_MESSAGE_OVERLAY</p> <p>Used by the element: ACTION</p> <p>Sample code:</p> <pre><xsd:group name="ACTIONS"> <xsd:choice> <xsd:element ref="GET"/> <xsd:element ref="ADD_PARTY"/> <xsd:element ref="UPDATE_PARTY"/> <xsd:element ref="SET_PARTY_VIDEO_LAYOUT"/> <!--not supported--> <xsd:element ref="SET_LECTURE_MODE"/> : <xsd:element ref="SET_AUTO_REDIAL"/> <xsd:element ref="SET_MESSAGE_OVERLAY"/> <xsd:element ref="SET_PARTY_MESSAGE_OVERLAY"/> <xsd:element ref="SET_EXCLUSIVE_CONTENT"/> <xsd:element ref="REMOVE_EXCLUSIVE_CONTENT"/> </xsd:choice> </xsd:group></pre>

Schema response_trans_mcu - Additions and Modifications

Table 4-17 *response_trans_mcu Schema - Additions and Modifications*

Item	Description
GET_ACTIVE_DIRECTORY_CONFIGURATION	<p>New Element.</p> <p>Indicates that the requested action was to retrieve Active Directory configuration settings on the MCU, and contains the requested information. Includes the type: GetActiveDirectoryConfiguration</p> <p>Used by the group: ACTIONS</p> <p>Sample code: <xsd:element name="GET_ACTIVE_DIRECTORY_CONFIGURATION" type="GetActiveDirectoryConfiguration"/></p>
SET_ACTIVE_DIRECTORY_CONFIGURATION	<p>New Element.</p> <p>Indicates that the requested action is to set the Active Directory configuration settings.</p> <p>Used by the group: ACTIONS</p> <p>Sample code: <xsd:element name="SET_ACTIVE_DIRECTORY_CONFIGURATION"/></p>
GET_AD_SERVER_AVAILABILITY_STATUS	<p>New Element.</p> <p>Indicates that the requested action is to retrieve the status of the last Active Directory configuration settings using the SET_ACTIVE_DIRECTORY_CONFIGURATION element, and contains the requested information.</p> <p>Used by the group: ACTIONS</p> <p>Sample code: <xsd:element name="GET_AD_SERVER_AVAILABILITY_STATUS"/></p>

Table 4-17 *response_trans_mcu Schema - Additions and Modifications (Continued)*

Item	Description
GetActiveDirectoryConfiguration	<p>New complexType.</p> <p>This type contains the list of the Active Directory configuration parameters. Includes reference to the element: ACTIVE_DIRECTORY_CONFIG_PARAMS</p> <p>Used by the element: GET_ACTIVE_DIRECTORY_CONFIGURATION</p> <p>Sample code:</p> <pre><xsd:complexType name="GetActiveDirectoryConfiguration"> <xsd:sequence> <xsd:element ref="ACTIVE_DIRECTORY_CONFIG_PARAMS"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></pre>
ACTIONS	<p>Modified Group.</p> <p>The following new actions were added to the actions in this group:</p> <ul style="list-style-type: none"> • GET_ACTIVE_DIRECTORY_CONFIGURATION • SET_ACTIVE_DIRECTORY_CONFIGURATION • GET_AD_SERVER_AVAILABILITY_STATUS <p>Used by the element: ACTION</p> <p>Sample code:</p> <pre><xsd:group name="ACTIONS"> <xsd:choice> <xsd:element ref="LOGIN"/> <xsd:element ref="LOGOUT"/> <xsd:element ref="GET_STATE"/> <xsd:element ref="GET_MEMORY_STATE"/> <!--not supported--> <xsd:element ref="RESET"/> : <xsd:element ref="SET_RESOLUTIONS_SET"/> <xsd:element ref="GET_ACTIVE_DIRECTORY_CONFIGURATION"/> <xsd:element ref="SET_ACTIVE_DIRECTORY_CONFIGURATION"/> <xsd:element ref="GET_AD_SERVER_AVAILABILITY_STATUS"/> <xsd:element ref="GET_LAST_UPDATE_KEY_CODE_INDICATION"/> <xsd:element ref="SHIFT_RESERVATIONS_TIME"/> </xsd:choice> </xsd:group></pre>

Schema trans_certificate - Additions and Modifications

Table 4-18 trans_certificate Schema - Additions and Modifications

Item	Description
SEND_CA	<p>New Element.</p> <p>Indicates that the requested action is to send a certificate from the MCU to the SIP Server directly to the CA. Includes reference to the element: CERTIFICATE</p> <p>Used by the group: ACTIONS</p> <p>Sample code:</p> <pre><xsd:element name="SEND_CA"> <xsd:complexType> <xsd:sequence> <xsd:element ref="CERTIFICATE"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType> </xsd:element></pre>
DELETE_CA	<p>New Element.</p> <p>Deletes a certificate from the CA. Includes references to the following elements:</p> <ul style="list-style-type: none"> SERIAL_NUMBER ISSUED_BY ID <p>Used by the group: ACTIONS</p> <p>Sample code:</p> <pre><xsd:element name="DELETE_CA"> <xsd:complexType> <xsd:sequence> <xsd:element ref="SERIAL_NUMBER"/> <xsd:element ref="ISSUED_BY"/> <xsd:element ref="ID"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType> </xsd:element></pre>

Table 4-18 *trans_certificate Schema - Additions and Modifications (Continued)*

Item	Description
DELETE_CRL	<p>New Element.</p> <p>Deletes a certificate from the CRL. Includes references to the following elements:</p> <ul style="list-style-type: none"> ISSUED_BY ID <p>Used by the group: ACTIONS</p> <p>Sample code:</p> <pre><xsd:element name="DELETE_CRL"> <xsd:complexType> <xsd:sequence> <xsd:element ref="ISSUED_BY"/> <xsd:element ref="ID"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType> </xsd:element></pre>
GET	<p>New Element.</p> <p>Indicates that requested action is to retrieve a certificate from the MCU. Includes references to the following elements:</p> <ul style="list-style-type: none"> SERIAL_NUMBER ISSUED_BY ID <p>Used by the group: ACTIONS</p> <p>Sample code:</p> <pre><xsd:element name="GET"> <xsd:complexType> <xsd:sequence> <xsd:element ref="SERIAL_NUMBER"/> <xsd:element ref="ISSUED_BY"/> <xsd:element ref="ID"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType> </xsd:element></pre>

Table 4-18 *trans_certificate Schema - Additions and Modifications (Continued)*

Item	Description
GET_CA	<p>New Element.</p> <p>Retrieves a certificate from the CA. Includes references to the following elements:</p> <ul style="list-style-type: none"> SERIAL_NUMBER ISSUED_BY ID <p>Used by the group: ACTIONS</p> <p>Sample code:</p> <pre><xsd:element name="GET_CA"> <xsd:complexType> <xsd:sequence> <xsd:element ref="SERIAL_NUMBER"/> <xsd:element ref="ISSUED_BY"/> <xsd:element ref="ID"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType> </xsd:element></pre>
GET_CRL	<p>New Element.</p> <p>Retrieves a certificate from the CRL. Includes references to the following elements:</p> <ul style="list-style-type: none"> ISSUED_BY ID <p>Used by the group: ACTIONS</p> <p>Sample code:</p> <pre><xsd:element name="GET_CRL"> <xsd:complexType> <xsd:sequence> <xsd:element ref="ISSUED_BY"/> <xsd:element ref="ID"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType> </xsd:element></pre>

Table 4-18 *trans_certificate Schema - Additions and Modifications (Continued)*

Item	Description
ACTIONS	<p>Modified Group.</p> <p>The following new actions were added to the actions in this group:</p> <ul style="list-style-type: none"> • SEND_CA • DELETE_CA • DELETE_CRL • GET • GET_CA • GET_CRL <p>Used by the following elements:</p> <ul style="list-style-type: none"> • TRANS_CERTIFICATE • ACTION <p>Sample code:</p> <pre> <xsd:group name="ACTIONS"> <xsd:choice> <xsd:element ref="SEND"/> <!-- supported from version 2.0.2--> <xsd:element ref="SEND_CS"/> <!-- supported from version 6.0--> <xsd:element ref="SEND_CA"/> <!-- supported from version 7.G--> <xsd:element ref="DELETE_CA"/> <!-- supported from version 7.G--> <xsd:element ref="DELETE_CRL"/> <!-- supported from version 7.G--> <xsd:element ref="GET"/> <!-- supported from version 7.G--> <xsd:element ref="GET_CA"/> <!-- supported from version 7.G--> <xsd:element ref="GET_CRL"/> <!-- supported from version 7.G--> </xsd:choice> </xsd:group> </pre>

Schema trans_conf_2 - Additions and Modifications

Table 4-19 trans_conf_2 Schema - Additions and Modifications

Item	Description
SET_PARTY_MESSAGE_OVERLAY	<p>New Element.</p> <p>Contains the message overlay settings for sending text messages to a participant. Includes references to the following elements:</p> <ul style="list-style-type: none"> • ID • PARTY_ID • MESSAGE_OVERLAY <p>Used by the group: ACTIONS</p> <p>Sample code:</p> <pre><xsd:element name="SET_PARTY_MESSAGE_OVERLAY"> <xsd:complexType> <xsd:sequence> <xsd:element ref="ID"/> <xsd:element ref="PARTY_ID"/> <xsd:element ref="MESSAGE_OVERLAY"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType> </xsd:element></pre>

Table 4-19 *trans_conf_2 Schema - Additions and Modifications (Continued)*

Item	Description
ACTIONS	<p>Modified Group.</p> <p>A new action was added to the actions in this group: SET_PARTY_MESSAGE_OVERLAY</p> <p>Used by the following elements:</p> <ul style="list-style-type: none"> TRANS_CONF_2 ACTION <p>Sample code:</p> <pre><xsd:group name="ACTIONS"> <xsd:choice> <xsd:element ref="GET"/> <xsd:element ref="SET_LOCK"/> <!--not supported--> <xsd:element ref="SET_END_TIME"/> <xsd:element ref="SET_AUDIO_VIDEO_MUTE"/> <xsd:element ref="SET_CONNECT"/> <xsd:element ref="TERMINATE_CONF"/> <xsd:element ref="SET_AUDIO_VOLUME"/> : <xsd:element ref="SET_EXCLUSIVE_ CONTENT"/> <xsd:element ref="REMOVE_EXCLUSIVE_ CONTENT"/> <xsd:element ref="SET_MESSAGE_OVERLAY"/> <xsd:element ref="SET_PARTY_MESSAGE_ OVERLAY"/> </xsd:choice> </xsd:group></pre>

Schema trans_mcu - Additions and Modifications

Table 4-20 *trans_mcu Schema - Additions and Modifications*

Item	Description
GET_ACTIVE_DIRECTORY_CONFIGURATION	<p>New Element.</p> <p>Retrieves the Active Directory configuration settings from the MCU.</p> <p>Used by the group: ACTIONS</p> <p>Sample code:</p> <pre><xsd:element name="GET_ACTIVE_DIRECTORY_ CONFIGURATION"/></pre>

Table 4-20 *trans_mcu Schema - Additions and Modifications (Continued)*

Item	Description
SET_ACTIVE_DIRECTORY_CONFIGURATION	<p>New Element.</p> <p>Sets the Active Directory configuration settings on the MCU. Includes the type: SetActiveDirectoryConfiguration</p> <p>Used by the group: ACTIONS</p> <p>Sample code:</p> <pre><xsd:element name="SET_ACTIVE_DIRECTORY_CONFIGURATION" type="SetActiveDirectoryConfiguration"/></pre>
GET_AD_SERVER_AVAILABILITY_STATUS	<p>New Element.</p> <p>Retrieves the status of the last Active Directory configuration settings operation using the SET_ACTIVE_DIRECTORY_CONFIGURATION element.</p> <p>Used by the group: ACTIONS</p> <p>Sample code:</p> <pre><xsd:element name="GET_AD_SERVER_AVAILABILITY_STATUS"/></pre>
SetActiveDirectoryConfiguration	<p>New complexType.</p> <p>This type contains the Active Directory configuration settings. Includes reference to the element: ACTIVE_DIRECTORY_CONFIG_PARAMS</p> <p>Used by the element: SET_ACTIVE_DIRECTORY_CONFIGURATION</p> <p>Sample code:</p> <pre><xsd:complexType name="SetActiveDirectoryConfiguration"> <xsd:sequence> <xsd:element ref="ACTIVE_DIRECTORY_CONFIG_PARAMS"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></pre>

Table 4-20 *trans_mcu Schema - Additions and Modifications (Continued)*

Item	Description
ACTIONS	<p>Modified Group.</p> <p>The following new actions were added to the actions in this group:</p> <ul style="list-style-type: none"> • GET_ACTIVE_DIRECTORY_CONFIGURATION • SET_ACTIVE_DIRECTORY_CONFIGURATION • GET_AD_SERVER_AVAILABILITY_STATUS <p>Used by the following elements:</p> <ul style="list-style-type: none"> • TRANS_MCU • ACTION <p>Sample code:</p> <pre><xsd:group name="ACTIONS"> <xsd:choice> <xsd:element ref="LOGIN"/> <xsd:element ref="LOGOUT"/> <xsd:element ref="GET_STATE"/> <xsd:element ref="GET_MEMORY_STATE"/> <!--not supported--> <xsd:element ref="RESET"/> <!--not supported--> <xsd:element ref="GET_LAN_CONFIGURATION"/> <!--not supported--> : <xsd:element ref="GET_RESOLUTIONS_SET"/> <xsd:element ref="SET_RESOLUTIONS_SET"/> <xsd:element ref="GET_ACTIVE_DIRECTORY_CONFIGURATION"/> <xsd:element ref="SET_ACTIVE_DIRECTORY_CONFIGURATION"/> <xsd:element ref="GET_AD_SERVER_AVAILABILITY_STATUS"/> <xsd:element ref="GET_LAST_UPDATE_KEY_CODE_INDICATION"/> <xsd:element ref="SHIFT_RESERVATIONS_TIME"/> </xsd:choice> </xsd:group></pre>

Elements that are not Supported in RMX

The RMX XML API contains some elements that are not supported by the RMX, but are included in the RMX schemas for future use or for compatibility with the MGC. The RMX will ignore the contents of these elements, and their value will not be written to the CDR. This chapter lists elements and groups which contain one or more non supported elements, and lists the non supported elements.



In some cases, the property represented by a non supported element may be applicable to the RMX, but its value is either set in the code or can set by means of a system configuration flag. The lists of non supported elements in this chapter include system set values in brackets after the element name.

Schema common_obj

Table 5-1 common_obj Schema

Element or Group Name	Non Supported Sub-Elements
CT_STATE	<ul style="list-style-type: none"> PASSIVE ACTIVE INITIALIZE

Schema common_obj_ip_span

Table 5-2 common_obj_ip_span Schema

Element or Group Name	Non Supported Sub-Elements
IP_SPAN	<ul style="list-style-type: none"> SERVICE_PROVIDER_NAME
PORT_RANGE	<ul style="list-style-type: none"> AUDIO_FIRST_PORT AUDIO_NUM_PORTS CONTROL_FIRST_PORT CONTROL_NUM_PORTS DATA_FIRST_PORT DATA_NUM_PORTS DYNAMIC_PORT_ALLOCATION FECC_FIRST_PORT FECC_NUM_PORTS NUM_INTENDED_CALLS SIGNALING_FIRST_PORT SIGNALING_NUM_PORTS VIDEO_FIRST_PORT VIDEO_NUM_PORTS

Schema common_trans

Table 5-3 common_trans Schema

Element or Group Name	Non Supported Sub-Elements
MCU_STATE	<ul style="list-style-type: none"> LAST_FAULT_ID NUM_CONFERENCES NUM_CONFERENCES_TEMPLATES NUM_GW_CONFERENCES NUM_MEETING_ROOMS NUM_ONGOING_PLAYBACKS NUM_ONGOING_RECORDINGS
MCU_STATE (cont.)	<ul style="list-style-type: none"> NUM_PARTY_QUEUES NUM_PROFILES NUM_QUEUE_PARTIES NUM_RESERVATIONS

Schema obj_av_msg_service

Table 5-4 obj_av_msg_service Schema

Element or Group Name	Non Supported Sub-Elements
AV_COMMON	<ul style="list-style-type: none"> AUDIO_ON_HOLD_FILE_NAME (empty) AUDIO_WELCOME_MESSAGE_FILE_NAME (empty) MUSIC (false) WELCOME_MESSAGE_PERIOD (0)
AV_SERVICE_LIST	<ul style="list-style-type: none"> AV_MSG_SERVICE
CHAIRPERSON	<ul style="list-style-type: none"> CHAIRMAN_PASSWORD_AS_CONF_PASSWORD (true)
IVR_PARAMS	<ul style="list-style-type: none"> LANGUAGE_MENU NOISY_LINE OPERATOR_ASSISTANCE PERSONAL_PIN_CODE PLAYBACK_PARAMS RECORDING_PARAMS
IVR_MESSAGE	<ul style="list-style-type: none"> LANGUAGE_NUMBER (0)
LANGUAGE	<ul style="list-style-type: none"> DTMF_OPCODE (0) NUMBER (0)
WELCOME_MSG	<ul style="list-style-type: none"> CONF_WELCOME_MSG_ENABLED ON_HOLD_FOR_OPERATOR_ASSISTANCE (false)

Schema **obj_cards_list**

Table 5-5 *obj_cards_list* Schema

Element or Group Name	Non Supported Sub-Elements
CARD_COMMON_DATA	<ul style="list-style-type: none"> SERIAL_NUMBER SOFTWARE_VERSION
CARD_SUMMARY_DESCRIPTOR	<ul style="list-style-type: none"> MGC_25_SPECIFIC_CARD_DATA UNIT_RESOURCE_DESCRIPTOR
CARDS_LIST	<ul style="list-style-type: none"> BACKUP_CLOCK_BOARD BACKUP_CLOCK_UNIT CONFIGURED_BACKUP_CLOCK_BOARD CONFIGURED_BACKUP_CLOCK_UNIT CONFIGURED_MASTER_CLOCK_BOARD CONFIGURED_MASTER_CLOCK_UNIT MASTER_CLOCK_BOARD MASTER_CLOCK_UNIT

Schema **obj_cdr_full**

Table 5-6 *obj_cdr_full* Schema

Element or Group Name	Non Supported Sub-Elements
EVENT_TYPE	<ul style="list-style-type: none"> ATM_CHANNEL_CONNECT ATM_CHANNEL_DISCONNECTED MPI_CHANNEL_CONNECT MPI_CHANNEL_DISCONNECTED

Schema **obj_conf_summary_list**

Table 5-7 *obj_conf_summary_list Schema*

Element or Group Name	Non Supported Sub-Elements
CONF_SUMMARY	<ul style="list-style-type: none"> AUDIO_CONF DOWNSPEED ENTRY_QUEUE_ACCESS EXCLUSIVE_SPEAKER H323_ONLY IN_VOTE INVITE_PARTY IVR JOIN_CONF_ID LECTURE_PRESENTATION LOCK MEET_ME_PHONE NETWORK ON_HOLD ROLL_CALL VIDEO_SESSION (continuous_presence) WEB_DB_ID WEB_OWNER_UID WEB_RESERVED WEB_RESERVED_UID

Schema **obj_conference**

Table 5-8 *obj_conference Schema*

Element or Group Name	Non Supported Sub-Elements
CONFERENCE	<ul style="list-style-type: none"> ACTUAL_LSD_RATE CHAIR_ID CONF_CHANGE_TYPE CURRENT_CASCADE_MODE DOWNSPEED EXCLUSIVE_SPEAKER_ID HSD_SOURCE_ID JOIN_CONF_ID QA REMARKS_HISTORY VOTE

Schema obj_isdn_srv

Table 5-9 obj_isdn_srv Schema

Element or Group Name	Non Supported Sub-Elements
ISDN_SERVICE	<ul style="list-style-type: none"> • BACKUP_NFAS_SPAN • DEFAULT_SUB_SERVICE_NAME • DIAL_IN_SERVICE_LIST • DIALING_CONSTRAINTS • MASTER_D_CHANNEL_PORT • MASTER_NFAS_SPAN • NFAS • PORT_ALLOC_METHOD • PREFER_MODE • RESTRICT • SUB_SERVICE_LIST

Schema obj_ip_service

Table 5-10 obj_ip_service Schema

Element or Group Name	Non Supported Sub-Elements
GATEKEEPER	<ul style="list-style-type: none"> • EXTERNAL_GATEKEEPER_ADDRESS
IP_DETAILS	<ul style="list-style-type: none"> • PERMANENT_NETWORK (true)
SIP	<ul style="list-style-type: none"> • REGISTRATION_MODE

Schema obj_lecture_mode

Table 5-11 obj_lecture_mode Schema

Element or Group Name	Non Supported Sub-Elements
LECTURE_MODE	<ul style="list-style-type: none"> • AUDIO_ACTIVATED (true) • INTERVAL (15) • LECTURE_ID (value set by the system) • ON

Schema **obj_ongoing_party**

Table 5-12 *obj_ongoing_party* Schema

Element or Group Name	Non Supported Sub-Elements
ONGOING_PARTY	<ul style="list-style-type: none"> AUDIO_ACTIVATED_FLAG AUDIO_DECODE_LOOPBACK AUDIO_LOOPBACK BCH BCH_SYNC CAPABILITIES CASCADE_NODE CASCADE_STATUS CHAIR CURRENT_QA DOWNSPEED_STATE EXCLUSIVE_SPEAKER FECC_STATUS GK_STATUS H323_CHANNELS H323_VIDEO_STREAM_PARAMS HSD_BLOCK HSD_LOOPBACK HSD_MEMBER HSD_SELF_BLOCK IN_QA IS_H323_SYNC IS_R_SYNC_LOSS IS_SYNC_LOSS JOIN_CONF_NAME LAST_VOTE LSD_BLOCK LSD_LOOPBACK LSD_MEMBER LSD_SELF_BLOCK OPERATOR_ATTENDING OPERATOR_GUEST

Table 5-12 *obj_ongoing_party Schema (Continued)*

Element or Group Name	Non Supported Sub-Elements
ONGOING_PARTY (cont.)	<ul style="list-style-type: none"> PARTY_RESOURCES_DETAILS POSITION_QA Q931_DISCONNECTION_CAUSE RECORDING_STATE SOFTWARE_CP_PARTY_MONITORING SUBCONF_NAME T120_MEMBER TIME_QA TOTAL_LOOPBACK VIDEO_DECODE_LOOPBACK VIDEO_LOOPBACK WAIT_FOR_ASSISTANCE

Schema obj_party

Table 5-13 *obj_party Schema*

Element or Group Name	Non Supported Sub-Elements
PARTY	<ul style="list-style-type: none"> ATM_QOS AUTO_DETECT BACKUP_SERVICE_NAME BACKUP_SUB_SERVICE_NAME DEFAULT_TEMPLATE EMAIL ENHANCED_VIDEO H323_PSTN IP_QOS MULTI_RATE RECORDING_PORT RESTRICT SUB_SERVICE_NAME USER_IDENTIFIER_STRING VIP (false) WEB_USER_ID

Schema **obj_res_summary_list**

Table 5-14 *obj_res_summary_list* Schema

Element or Group Name	Non Supported Sub-Elements
MEETING_ROOM_SUMMARY	<ul style="list-style-type: none"> AUDIO_CONF CONTACT_INFO_LIST ENTRY_QUEUE_TYPE H323_ONLY RES_STATUS WEB_DB_ID WEB_OWNER_UID WEB_RESERVED WEB_RESERVED_UID
PROFILE_SUMMARY	<ul style="list-style-type: none"> AD_HOC_PROFILE_ID AUDIO_CONF CONTACT_INFO_LIST DIAL_IN_H323_SRV_PREFIX_LIST DURATION ENTRY_PASSWORD ENTRY_QUEUE_TYPE H323_ONLY NUM_PARTIES NUM_UNDEFINED_PARTIES NUMERIC_ID PASSWORD RES_STATUS SIP_FACTORY

Schema **obj_reservation**

Table 5-15 *obj_reservation* Schema

Element or Group Name	Non Supported Sub-Elements
CONFERENCE_TEMPLATE	<ul style="list-style-type: none"> LIMITED_SEQ
MEET_ME_PER_CONF	<ul style="list-style-type: none"> AUTO_ADD (true) MIN_NUM_OF_PARTIES (0) ON (true) SERVICE
MEETING_ROOM	<ul style="list-style-type: none"> LIMITED_SEQ

Table 5-15 *obj_reservation Schema (Continued)*

Element or Group Name	Non Supported Sub-Elements
RESERVATION	<ul style="list-style-type: none"> • ADVANCED_AUDIO • ADVANCED_VIDEO • ANNEX_F • ANNEX_N • ANNEX_P • ATTENDED_MODE (ivr) • AUDIO_MIX_DEPTH (5) • AUDIO_RATE (auto) • CHAIR_MODE • CONF_CONTROL • CONF_PROTOCOL • CONFERENCE_TYPE (standard) • COP • COP_NUM_OF_PORTS • COUGH_DELAY • CREATOR • DB_EQ_ACCESS_NAME • DUAL_VIDEO_MODE • DUO_VIDEO • END_TIME_ALERT_TONE • END_TIME_ALERT_TONE_EX • ENTRY_QUEUE_TYPE (normal) • ENTRY_TONE • EXIT_TONE • EXTERNAL_MASTER • FRAME_RATE (auto) • GUEST_OPER • H323_BIT_RATE (384) • HSD_RATE • INTERLACED_MODE • INVITE_PARTY • LEADER_PASSWORD • LOCK • LSD_RATE • MEDIA (video_audio) • MEET_ME_PER_ENTRY_QUEUE (true) • MUTE_INCOMING_PARTIES • NETWORK (h320_h323) • ON_HOLD • PEOPLE_AND_CONTENT • QCIF_FRAME_RATE (auto) • REC_LINK_ID • REMARK • REPEATED_ID

Table 5-15 *obj_reservation Schema (Continued)*

Element or Group Name	Non Supported Sub-Elements
RESERVATION (cont.)	<ul style="list-style-type: none"> • RESOURCE_FORCE • RESTRICT_MODE • ROLL_CALL • SILENCE_IT • STAND_BY (false) • T120_RATE • TALK_HOLD_TIME (150) • TERMINATE_AFTER_LEADER_EXIT (Note: The field value can be set using the TERMINATE_CONF_AFTER_CHAIR_DROPPED system configuration flag.) • VIDEO_FORMAT (auto) • VIDEO_PLUS • VIDEO_PROTOCOL (auto) • VIDEO_SESSION (continuous_presence) • VISUAL_CONCERT • VTX • WEB_DB_ID • WEB_OWNER_UID • WEB_RESERVED • WEB_RESERVED_UID

Schema obj_service

Table 5-16 *obj_service Schema*

Element or Group Name	Non Supported Sub-Elements
COMMON_SERVICE_PARAMS	<ul style="list-style-type: none"> • GW_RANGE_MODE_LIST • SPAN_LIST
SPAN_DEFINITION	<ul style="list-style-type: none"> • CALLS_SUPPORTED • LEASED_PARTY_LIST • LINE_LENGTH • RCV_THRESHOLD • SIGNALING_MODEL

Schema response_trans_av_msg_service

Table 5-17 response_trans_av_msg_service Schema

Element or Group Name	Non Supported Sub-Elements
ACTIONS	<ul style="list-style-type: none"> • ADD_AV_MESSAGE • REMOVE_IVR_LANGUAGE • UPDATE_AV_MESSAGE

Schema response_trans_av_msg_service_list

Table 5-18 response_trans_av_msg_service_list Schema

Element or Group Name	Non Supported Sub-Elements
ACTIONS	<ul style="list-style-type: none"> • GET_AV_MSG_LIST • GET_IVR_MSG_LIST

Schema response_trans_card

Table 5-19 response_trans_card Schema

Element or Group Name	Non Supported Sub-Elements
ACTIONS	<ul style="list-style-type: none"> • CARD_RESET • CFG_AUDIO_BRIDGE • CFG_DATA_UNITS • CFG_MUX_UNITS • DEL_CARD • DISABLE_UNITS • ENABLE_UNITS • GET_PERFORMANCE_MONITORING • NEW_CARD • RESET_UNITS • SET_CLOCK_SOURCE • UPDATE_CARD

Schema response_trans_cdr_full

Table 5-20 response_trans_cdr_full Schema

Element or Group Name	Non Supported Sub-Elements
ACTIONS	<ul style="list-style-type: none"> • GET_UNFORMATTED

Schema response_trans_conf

Table 5-21 response_trans_conf Schema

Element or Group Name	Non Supported Sub-Elements
ACTIONS	<ul style="list-style-type: none"> • ADD_PARTY_QA • ATTEND_PARTY • BACK_TO_CONF_PARTY • CANCEL_JOIN_CONFERENCE • CANCEL_VOTE • CLEAR_QA • DECREASE_PARTY_QA • INCREASE_PARTY_QA • JOIN_CONFERENCE • MOVE_PARTY_BOTTOM_QA • MOVE_PARTY_TOP_QA • NEW_VOTE • NEXT_QUESTIONER • ONHOLD_PARTY • REFRESH_VIDEO • REMOVE_EXCLUSIVE_SPEAKER • REMOVE_PARTY_QA • SET_CONF_ON_HOLD • SET_DOWNSPEED • SET_EXCLUSIVE_SPEAKER • SET_LOCK • SET_MUTE_INCOMING_PARTIES • SET_OPERATOR_GUIDANCE • SET_PARTY_VIDEO_LAYOUT • SET_REMARK • SET_ROLL_CALL • SET_SILENCE_IT • SET_VIP • SET_VOTE • START_VOTE • STOP_VOTE • WITHDRAW_CHAIR_TOKEN • WITHDRAW_TOKEN

Schema response_trans_conf_list

Table 5-22 response_trans_conf Schema

Element or Group Name	Non Supported Sub-Elements
ACTIONS	<ul style="list-style-type: none"> • GET_GW_LS • GET_PLAYBACK_LS • GET_RECORDING_LS

Schema response_trans_ip_service

Table 5-23 response_trans_ip_service Schema

Element or Group Name	Non Supported Sub-Elements
ACTIONS	<ul style="list-style-type: none"> • GET

Schema response_trans_isdn_phone

Table 5-24 response_trans_isdn_phone Schema

Element or Group Name	Non Supported Sub-Elements
ACTIONS	<ul style="list-style-type: none"> • UPDATE_ISDN_PHONE

Schema response_trans_isdn_service

Table 5-25 response_trans_isdn_service Schema

Element or Group Name	Non Supported Sub-Elements
ACTIONS	<ul style="list-style-type: none"> • GET

Schema response_trans_mcu

Table 5-26 response_trans_mcu Schema

Element or Group Name	Non Supported Sub-Elements
ACTIONS	<ul style="list-style-type: none"> • FILE_UPDATED • GET_DIRECTORY_RECURSIVE • GET_LAN_CONFIGURATION • GET_MEMORY_STATE • SET_LAN_CONFIGURATION

Table 5-26 *response_trans_mcu Schema (Continued)*

Element or Group Name	Non Supported Sub-Elements
LOGIN	<ul style="list-style-type: none"> • API_MANDATORY_SECURITY • ENTRY_QUEUE_ROUTING • FILE_MANDATORY_SECURITY • HTTP_SECURED_PORT • OPERATING_SYSTEM • PASSWORD_EXPIRATION_DAYS_LEFT

Schema response_trans_res

Table 5-27 *response_trans_res Schema*

Element or Group Name	Non Supported Sub-Elements
ACTIONS	<ul style="list-style-type: none"> • AWAKE_MEETING_ROOM • AWAKE_CONFERENCE_TEMPLATE • GET_DOUBLE_BOOKING • GET_PERIOD_PARTY_LIST • LOGIN_START • START_REPEATED • TERMINATE_RES

Schema response_trans_rsrc_report

Table 5-28 *response_trans_rsrc_report Schema*

Element or Group Name	Non Supported Sub-Elements
ACTIONS	<ul style="list-style-type: none"> • GET_MGC • GET_MGC_25 • SET_METHOD

Schema trans_av_msg_service

Table 5-29 *response_trans_rsrc_report Schema*

Element or Group Name	Non Supported Sub-Elements
ACTIONS	<ul style="list-style-type: none"> • ADD_AV_MESSAGE • REMOVE_IVR_LANGUAGE • UPDATE_AV_MESSAGE

Schema trans_av_msg_service_list

Table 5-30 trans_av_msg_service_list Schema

Element or Group Name	Non Supported Sub-Elements
ACTIONS	<ul style="list-style-type: none"> • GET_AV_MSG_LIST • GET_IVR_MSG_LIST

Schema trans_card

Table 5-31 trans_card Schema

Element or Group Name	Non Supported Sub-Elements
ACTIONS	<ul style="list-style-type: none"> • CARD_RESET • CFG_AUDIO_BRIDGE • CFG_DATA_UNITS • CFG_MUX_UNITS • DEL_CARD • DISABLE_UNITS • ENABLE_UNITS • GET_PERFORMANCE_MONITORING • NEW_CARD • RESET_UNITS • SET_CLOCK_SOURCE • UPDATE_CARD

Schema trans_cdr_full

Table 5-32 trans_cdr_full Schema

Element or Group Name	Non Supported Sub-Elements
ACTIONS	<ul style="list-style-type: none"> • GET_UNFORMATTED

Schema trans_conf_list

Table 5-33 trans_conf_list Schema

Element or Group Name	Non Supported Sub-Elements
ACTIONS	<ul style="list-style-type: none"> • GET_GW_LS • GET_PLAYBACK_LS • GET_RECORDING_LS

Schema trans_conf_1

Table 5-34 trans_conf_1 Schema

Element or Group Name	Non Supported Sub-Elements
ACTIONS	<ul style="list-style-type: none"> SET_PARTY_VIDEO_LAYOUT

Schema trans_conf_2

Table 5-35 trans_conf_2 Schema

Element or Group Name	Non Supported Sub-Elements
ACTIONS	<ul style="list-style-type: none"> ADD_PARTY_QA CANCEL_JOIN_CONFERENCE CANCEL_VOTE CLEAR_QA DECREASE_PARTY_QA INCREASE_PARTY_QA JOIN_CONFERENCE MOVE_PARTY_BOTTOM_QA MOVE_PARTY_TOP_QA NEW_VOTE NEXT_QUESTIONER ONHOLD_PARTY REFRESH_VIDEO REMOVE_EXCLUSIVE_SPEAKER REMOVE_PARTY_QA SET_CONF_ON_HOLD SET_DOWNSPEED SET_EXCLUSIVE_SPEAKER SET_LOCK SET_MUTE_INCOMING_PARTIES SET_OPERATOR_GUIDANCE SET_REMARK SET_ROLL_CALL SET_SILENCE_IT SET_VIP SET_VOTE START_VOTE STOP_VOTE WITHDRAW_CHAIR_TOKEN WITHDRAW_TOKEN

Schema trans_ip_service

Table 5-36 trans_ip_service Schema

Element or Group Name	Non Supported Sub-Elements
ACTIONS	<ul style="list-style-type: none"> GET

Schema trans_isdn_phone

Table 5-37 trans_isdn_phone Schema

Element or Group Name	Non Supported Sub-Elements
ACTIONS	<ul style="list-style-type: none"> UPDATE_ISDN_PHONE

Schema trans_isdn_service

Table 5-38 trans_isdn_service Schema

Element or Group Name	Non Supported Sub-Elements
ACTIONS	<ul style="list-style-type: none"> GET

Schema trans_mcu

Table 5-39 trans_mcu Schema

Element or Group Name	Non Supported Sub-Elements
ACTIONS	<ul style="list-style-type: none"> FILE_UPDATED GET_DIRECTORY_RECURSIVE
ACTIONS (cont.)	<ul style="list-style-type: none"> GET_DONGLE_CONFIGURATION GET_LAN_CONFIGURATION GET_MEMORY_STATE SET_LAN_CONFIGURATION UPDATE_DONGLE_CONFIGURATION
LOGIN	<ul style="list-style-type: none"> CONFERENCE_RECORDER NEW_PASSWORD

Schema trans_res_1

Table 5-40 *trans_res_1 Schema*

Element or Group Name	Non Supported Sub-Elements
ACTIONS	<ul style="list-style-type: none"> • LOGIN_START • START_REPEATED

Schema trans_res_2

Table 5-41 *trans_res_2 Schema*

Element or Group Name	Non Supported Sub-Elements
ACTIONS	<ul style="list-style-type: none"> • AWAKE_MEETING_ROOM • AWAKE_CONFERENCE_TEMPLATE • GET_DOUBLE_BOOKING • GET_PERIOD_PARTY_LIST • TERMINATE_RES

Schema trans_rsrc_report

Table 5-42 *trans_rsrc_report Schema*

Element or Group Name	Non Supported Sub-Elements
ACTIONS	<ul style="list-style-type: none"> • GET_MGC • GET_MGC_25 • SET_METHOD

Items Supported in RMX Version 4.0 and Later but not in RMX Version 3.0

Schema response_trans_res

Table 6-1 response_trans_res Schema

Element or Group Name	Sub-Elements Supported in V4.0 but not in V3.0
ACTIONS	<ul style="list-style-type: none">CANCEL_REPEATEDGET_RES

Schema response_trans_res_list

Table 6-2 response_trans_res_list Schema

Element or Group Name	Sub-Elements Supported in V4.0 but not in V3.0
ACTIONS	<ul style="list-style-type: none">GET_RES_LIST

Schema trans_res_2

Table 6-3 trans_res_2 Schema

Element or Group Name	Sub-Elements Supported in V4.0 but not in V3.0
ACTIONS	<ul style="list-style-type: none">CANCEL_REPEATEDGET_RES

Schema trans_res_list

Table 6-4 trans_res_list Schema

Element or Group Name	Sub-Elements Supported in V4.0 but not in V3.0
ACTIONS	<ul style="list-style-type: none">GET_RES_LIST

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