



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

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Version 7.2 - New Schemas

The following schemas were added to the RMX XML API kit in version 7.2.

Table 1-1 New Schema List

Schema Name	Description
obj_collect_info	Contains elements used for the Information Collector.
obj_tcp_dump	Contains elements used for the TCP dump Network Traffic Capture interface.
response_trans_tcp_dump	Contains the response to the trans_tcp_dump schema, which is used for the TCP dump Network Traffic Capture interface.
trans_tcp_dump	Contains the requests for the TCP dump Network Traffic Capture interface.

The obj_collect_info XML schema enables the support administrator to manage the *Information Collector*. The Information Collector comprehensively attains all information from all the MCU internal entities for data analysis. That data, stored in a central repository, is logged from the following system components:

- System Log Files
- CDR
- OS (Core dumps, CFG - DNS, DHCP, NTP, kernal state, event logs
- Signaling Trace files (H.323 & SIP)
- Central Signaling logs
- Apache logs
- CFG directory (without IVR)
- SW version number
- Cards info: HW version, state and status
- Processes internal state and statistics
- Participant Recordings
- NIC Traffic Dump

The data collected is saved into a single compressed file containing all the information from each system component in its relative format (.txt, .xml, etc.). In case the disk is malfunctioning, the file will be written to the RAM (involves only a small amount of information where the RAM size is 1/2 a gigabyte). The zipped file (info.tgz) can be opened with the WinRAR and WinZip applications. The entire zipped file is then sent to Polycom for analysis and troubleshooting.

The following XML schemas enable the support administrator to manage and control the *Network Traffic Capture* interface:

- obj_tcp_dump
- response_trans_tcp_dump
- trans_tcp_dump

The *Network Traffic Capture* comprehensively saves all information from MCU's Network TCP Interfaces/components and can be selected for data analysis. The following Network TCP Interfaces are available:

- Management
- Central Signaling
- Media Cards 1-4 (depending on the RMX type)

The *Network Traffic Capture* interface enables you to select listed Network Interfaces and define the following parameters:

- Maximum Capture Size
- Capture Duration
- Cyclic Duration
- Storage Filter

Captured data, stored in a central repository, is logged from selected system components. The data collected is saved into a single compressed file containing all the information from each system component in its relative format (.txt, .xml, etc.). In case the disk malfunctions, the file will be written to the RAM (involves only a small amount of information where the RAM size is 1/2 a gigabyte). Saved files must be retrieved using the *Information Collector*. Once retrieved, the zipped file (info.tgz) can be opened with the WinRAR and WinZip applications. The entire zipped file must be sent to Polycom for analysis and troubleshooting.

Guidelines

- This method is used when the user can login with *Administrator* or *Support* system permissions.
- On systems with multiple networks, the signaling data is captured from the Media cards and not from the Central Signaling (CS) component.
- When Network Redundancy is enabled, only data from the active NIC is captured
- Each capture has a timestamp using the following format:
[yymmdd_hh:mm:ss]_[card]_[ip_address].
- Supported with IPv4

Schema obj_collect_info - New Elements, Groups, and Types

Table 1-2 obj_collect_info Schema - New Components

Item	Description
COLLECT_INFO_LIST	<p>New Element.</p> <p>This element contains a list of Information Collector types. Includes the type; CollectInfoList</p> <p>Used by the following complexTypes:</p> <ul style="list-style-type: none"> • CollectInfoSettingsContent • CollectInfoContent <p>Sample code:</p> <pre><xsd:element name="COLLECT_INFO_LIST" type="CollectInfoList"/></pre>

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

Item	Description
CollectInfoList	<p>New complexType. This type contains a list of Information Collector types.</p> <p>Used by the element: COLLECT_INFO_LIST</p> <p>Sample code: <pre><xsd:complexType name="CollectInfoList"> <xsd:sequence> <xsd:element ref="COLLECT_TYPE" minOccurs="0" maxOccurs="unbounded"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></pre> </p>
COLLECT_TYPE	<p>New Element. This element contains the Information Collector type. Includes the type: CollectType</p> <p>Used by the complexType: CollectInfoList</p> <p>Sample code: <pre><xsd:element name="COLLECT_TYPE" type="CollectType"/></pre> </p>
CollectType	<p>New complexType. This type contains the Information Collector component type and a boolean field that defines whether or not this information type should be collected.</p> <p>Used by the element: COLLECT_TYPE</p> <p>Sample code: <pre><xsd:complexType name="CollectType"> <xsd:sequence> <xsd:element ref="TYPE"/> <xsd:element name="MARK_FOR_COLLECTION" type="xsd:boolean"/> </xsd:sequence> </xsd:complexType></pre> </p>

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

Item	Description
MARK_FOR_COLLECTION	<p>New Element.</p> <p>Indicates whether or not the Information Collector type is to be collected. This element is defined in the CollectType complexType.</p> <p>Values are:</p> <p>true - the data for the Information Collector type is to be collected.</p> <p>false - the data for the Information Collector type is not to be collected.</p> <p>Used by the complexType: CollectInfoList</p> <p>Sample code:</p> <pre><xsd:element name="MARK_FOR_COLLECTION" type="xsd:boolean"/></pre>
TYPE	<p>New Element.</p> <p>This element contains the Information Collector type. Includes the type: CollectingType.</p> <p>Used by the complexType: CollectInfoList</p> <p>Sample code:</p> <pre><xsd:element name="TYPE" type="CollectingType"/></pre>

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

Item	Description
CollectingType	<p>New simpleType.</p> <p>This type contains the values of the Information Collector component types. Enumeration value.</p> <p>Values are:</p> <ul style="list-style-type: none"> • enumeration collecting_type_audit • enumeration collecting_type_cdr • enumeration collecting_type_cfg • enumeration collecting_type_core_dumps • enumeration collecting_type_cs • enumeration collecting_type_faults_logs • enumeration collecting_type_logs • enumeration collecting_type_processes_info • enumeration collecting_type_network_traffic_capture • enumeration collecting_type_participants_recording <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:restriction> </xsd:simpleType></pre>

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

Table 1-3 *obj_tcp_dump* - New Components

Item	Description
ENTITY	<p>New Element.</p> <p>This element contains the TCP dump entity. Includes the type: TcpDumpEntityContent</p> <p>Used by the complexType EntityListContent</p> <p>Sample code: <code><xsd:element name="ENTITY" type="TcpDumpEntityContent"/></code> </p>
TcpDumpEntityContent	<p>New complexType.</p> <p>This type contains the TCP dump entity parameters. Includes reference to the following elements:</p> <ul style="list-style-type: none"> • BOARD_ID • ENTITY_TYPE • FILTER • IP_LIST <p>Used by the element: ENTITY</p> <p>Sample code: <code><xsd:complexType name="TcpDumpEntityContent"> <xsd:sequence> <xsd:element ref="ENTITY_TYPE"/> <xsd:element ref="FILTER" minOccurs="0"/> <xsd:element ref="IP_LIST"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></code> </p>
ENTITY_TYPE	<p>New Element.</p> <p>This element contains the TCP dump entity type. Includes the type: TcpDumpEntityType</p> <p>Used by the complexType: TcpDumpEntityContent</p> <p>Sample code: <code><xsd:element name="ENTITY_TYPE" type="TcpDumpEntityType"/></code> </p>

Table 1-3 obj_tcp_dump - New Components (Continued)

Item	Description
TcpDumpEntityType	<p>New simpleType. Contains the TCP dump entity type. Values are:</p> <ul style="list-style-type: none"> enumeration management enumeration central_signaling enumeration media_card <p>Sample code:</p> <pre><xsd:simpleType name="TcpDumpEntityType"> <xsd:restriction base="xsd:string"> <xsd:enumeration value="management"/> <xsd:enumeration value="central_signaling"/> <xsd:enumeration value="media_card"/> </xsd:restriction> </xsd:simpleType></pre>
IP_LIST	<p>New Element. This element contains the IP address list of the entity for the packet analyzer. Includes the type: IPListContent</p> <p>Used by the complexType: TcpDumpEntityContent</p> <p>Sample code:</p> <pre><xsd:element name="IP_LIST" type="IPListContent"</pre>
IPListContent	<p>New complexType. This type contains the IP addresses entity list.</p> <p>Used by the element: IP_LIST</p> <p>Sample code:</p> <pre><xsd:complexType name="IPListContent"> <xsd:sequence> <xsd:element ref="IP_ENTITY" minOccurs="0" maxOccurs="unbounded"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></pre>
IP_ENTITY	<p>New Element. This element contains the IP entity (IP address) selected for the packet analyzer. Includes the type: IPEntityContent</p> <p>Used by the complexType: IPListContent</p> <p>Sample code:</p> <pre><xsd:element name="IP_ENTITY" type="IPEntityContent"/></pre>

Table 1-3 *obj_tcp_dump - New Components (Continued)*

Item	Description
IPEntityContent	<p>New complexType. This type contains the IP entity parameters. Includes reference to the following elements:</p> <ul style="list-style-type: none"> IP_V4_V6 SELECTED <p>Used by the element: IP_ENTITY</p> <p>Sample code:</p> <pre><xsd:complexType name="IPEntityContent"> <xsd:sequence> <xsd:element ref="IP_V4_V6" minOccurs="0"/> <xsd:element ref="SELECTED" minOccurs="0"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></pre>
TCP_DUMP_ENTITIES	<p>New Element. Contains a list of TCP entities to be used in the packet analyzer. Includes the type: EntityListContent</p> <p>Used by the following complexTypes:</p> <ul style="list-style-type: none"> TcpDumpCfgResponseContent TcpDumpStartRequestContent <p>Sample code:</p> <pre><xsd:element name="TCP_DUMP_ENTITIES" type="EntityListContent"/></pre>
EntityListContent	<p>New complexType. This type contains a list of entities and their statuses for the TCP dump process. Includes reference to the following element:</p> <ul style="list-style-type: none"> ENTITY <p>Used by the element: TCP_DUMP_ENTITIES</p> <p>Sample code:</p> <pre><xsd:complexType name="EntityListContent"> <xsd:sequence> <xsd:element ref="ENTITY" minOccurs="0" maxOccurs="unbounded"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></pre>

Table 1-3 *obj_tcp_dump - New Components (Continued)*

Item	Description
FILTER	<p>New Element.</p> <p>A free-text filter to be used with the tcpdump filtering packet analyzer data.</p> <p>Used by the complexType: TcpDumpEntityContent</p> <p>Sample code:</p> <pre><xsd:element name="FILTER" type="xsd:string"/></pre>
CYCLIC_STORAGE	<p>New Element.</p> <p>Indicates whether or not to use a cyclic storage for the generated TCP dump files.</p> <p>Values are:</p> <ul style="list-style-type: none"> true - cyclic storage for generated TCP dump files are enabled false - cyclic storage for generated TCP dump files are disabled <p>Used by the following complexTypes:</p> <ul style="list-style-type: none"> TcpDumpCfgResponseContent TcpDumpStartRequestContent <p>Sample code:</p> <pre><xsd:element name="CYCLIC_STORAGE" type="xsd:boolean"/></pre>
SELECTED	<p>New Element.</p> <p>Indicates whether or not the IP address is selected for the TCP dump packet analyzer.</p> <p>Values are:</p> <ul style="list-style-type: none"> true - the IP address is selected false - the IP address is not selected <p>Used by the complexType: IPEntityContent</p> <p>Sample code:</p> <pre><xsd:element name="SELECTED" type="xsd:boolean"/></pre>
MAX_CAPTURE_SIZE	<p>New Element.</p> <p>This element defines the maximum file size of a TCP dump. Includes the type: MaxCaptureSizeType</p> <p>Used by the following complexTypes:</p> <ul style="list-style-type: none"> TcpDumpCfgResponseContent TcpDumpStartRequestContent <p>Sample code:</p> <pre><xsd:element name="MAX_CAPTURE_SIZE" type="MaxCaptureSizeType"/></pre>

Table 1-3 *obj_tcp_dump - New Components (Continued)*

Item	Description
MaxCaptureSizeType	<p>New SimpleType.</p> <p>Contains the maximum capture size of a TCP dump (in Gigabytes).</p> <p>Values are:</p> <ul style="list-style-type: none"> • enumeration none • enumeration 0.5_gb • enumeration 1_gb • enumeration 1.5_gb • enumeration 2_gb • enumeration 2.5_gb <p>Used by the element: MAX_CAPTURE_SIZE</p> <p>Sample code:</p> <pre><xsd:simpleType name="MaxCaptureSizeType"> <xsd:restriction base="xsd:string"> <xsd:enumeration value="none"/> <xsd:enumeration value="0.5_gb"/> <xsd:enumeration value="1_gb"/> <xsd:enumeration value="1.5_gb"/> <xsd:enumeration value="2.5_gb"/> </xsd:restriction> </xsd:simpleType></pre>
MAX_CAPTURE_DURATION	<p>New Element.</p> <p>This element defines the maximum capture duration of a TCP dump. Includes the type: MaxCaptureDurationType.</p> <p>Used by the following complexTypes:</p> <ul style="list-style-type: none"> • TcpDumpCfgResponseContent • TcpDumpStartRequestContent <p>Sample code:</p> <pre><xsd:element name="MAX_CAPTURE_DURATION" type="MaxCaptureDurationType"/></pre>

Table 1-3 *obj_tcp_dump - New Components (Continued)*

Item	Description
MaxCaptureDurationType	<p>New simpleType. Contains the maximum capture duration (in time) of a TCP dump. Values are:</p> <ul style="list-style-type: none"> enumeration none enumeration 15_sec enumeration 30_sec enumeration 1_min enumeration 2_min enumeration 3_min enumeration 4_min enumeration 5_min <p>Used by the element: MAX_CAPTURE_DURATION</p> <p>Sample code:</p> <pre><xsd:simpleType name="MaxCaptureDurationType"> <xsd:restriction base="xsd:string"> <xsd:enumeration value="none"/> <xsd:enumeration value="15_sec"/> <xsd:enumeration value="30_sec"/> <xsd:enumeration value="1_min"/> <xsd:enumeration value="2_min"/> <xsd:enumeration value="3_min"/> <xsd:enumeration value="4_min"/> <xsd:enumeration value="5_min"/> </xsd:restriction> </xsd:simpleType></pre>
TIME_ELAPSED	<p>New Element. This element is used for TCP dump monitoring - how much time has passed since the TCP dump start request. Includes the type: DurationContent.</p> <p>Used by the following complexTypes:</p> <ul style="list-style-type: none"> GetTcpDumpStatusContent TcpDumpCfgResponseContent <p>Sample code:</p> <pre><xsd:element name="TIME_ELAPSED" type="DurationContent"/></pre>

Table 1-3 *obj_tcp_dump - New Components (Continued)*

Item	Description
STORAGE_IN_USED	<p>New Element.</p> <p>This element is used for TCP dump monitoring - the amount of memory that has been consumed by the TXCP dump process.</p> <p>Used by the following complexTypes:</p> <ul style="list-style-type: none"> • GetTcpDumpStatusContent • TcpDumpCfgResponseContent <p>Sample code:</p> <pre><xsd:element name="STORAGE_IN_USED" type="xsd:integer"/></pre>
IP_V4_V6	<p>New Element.</p> <p>Contains the IP_V4 or IP_V6 address. Includes the type: IpV6AddressType.</p> <p>Used by the complexType: IPEntityContent</p> <p>Sample code:</p> <pre><xsd:element name="IP_V4_V6" type="IpV6AddressType"/></pre>
TCP_DUMP_STATE	<p>New Element.</p> <p>This element is used for TCP dump monitoring - the status of the TCP dump process. Includes the type: TcpDumpStateType.</p> <p>Used by the following complexTypes:</p> <ul style="list-style-type: none"> • GetTcpDumpStatusContent • TcpDumpCfgResponseContent <p>Sample code:</p> <pre><xsd:element name="TCP_DUMP_STATE" type="TcpDumpStateType"/></pre>

Table 1-3 *obj_tcp_dump - New Components (Continued)*

Item	Description
TcpDumpStateType	<p>New simpleType. This type defines the status of the TCP dump process for monitoring. Values are:</p> <ul style="list-style-type: none"> enumeration idle enumeration success enumeration running enumeration failed <p>Used by the element: TCP_DUMP_STATE</p> <p>Sample code:</p> <pre><xsd:simpleType name="TcpDumpStateType"> <xsd:restriction base="xsd:string"> <xsd:enumeration value="idle"/> <xsd:enumeration value="success"/> <xsd:enumeration value="running"/> <xsd:enumeration value="failed"/> </xsd:restriction> </xsd:simpleType></pre>
BOARD_ID	<p>New Element. Defines the board to be used in the packet analyzer.</p> <p>Used by the complexType: TcpDumpEntityContent</p> <p>Sample code:</p> <pre><xsd:element name="BOARD_ID" type="xsd:integer"/></pre>
GetTcpDumpStatusContent	<p>New complexType. This type contains TCP dump monitoring parameters. Includes reference to the following elements:</p> <ul style="list-style-type: none"> TCP_DUMP_STATE DESCRIPTION TIME_ELAPSED STORAGE_IN_USED <p>Used by the element: TCP_DUMP_STATUS</p> <p>Sample code:</p> <pre><xsd:complexType name="GetTcpDumpStatusContent"> <xsd:sequence> <xsd:element ref="TCP_DUMP_STATE"/> <xsd:element ref="DESCRIPTION"/> <xsd:element ref="TIME_ELAPSED"/> <xsd:element ref="STORAGE_IN_USED"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></pre>

Table 1-3 *obj_tcp_dump - New Components (Continued)*

Item	Description
TcpDumpCfgResponseContent	<p>New complexType. This type contains TCP dump configuration parameters. Includes reference to the following elements:</p> <ul style="list-style-type: none"> • TCP_DUMP_STATE • TCP_DUMP_ENTITIES • CYCLIC_STORAGE • TIME_ELAPSED • STORAGE_IN_USED • MAX_CAPTURE_SIZE • MAX_CAPTURE_DURATION <p>Used by the element: TCP_DUMP_CFG</p> <p>Sample code:</p> <pre><xsd:complexType name="TcpDumpCfgResponseContent"> <xsd:sequence> <xsd:element ref="TCP_DUMP_STATE"/> <xsd:element ref="TCP_DUMP_ENTITIES"/> <xsd:element ref="CYCLIC_STORAGE" minOccurs="0"/> <xsd:element ref="TIME_ELAPSED" minOccurs="0"/> > <xsd:element ref="STORAGE_IN_USED" minOccurs="0"/> <xsd:element ref="MAX_CAPTURE_SIZE" minOccurs="0"/> <xsd:element ref="MAX_CAPTURE_DURATION" minOccurs="0"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></pre>

Table 1-3 *obj_tcp_dump - New Components (Continued)*

Item	Description
TcpDumpStartRequestContent	<p>New complexType.</p> <p>This type defines the parameters of the TCP dump start request. Includes reference to the following elements:</p> <ul style="list-style-type: none"> TCP_DUMP_ENTITIES CYCLIC_STORAGE MAX_CAPTURE_DURATION MAX_CAPTURE_SIZE <p>Used by the element: START_TCP_DUMP</p> <p>Sample code:</p> <pre><xsd:complexType name="TcpDumpStartRequestContent"> <xsd:sequence> <xsd:element ref="TCP_DUMP_ENTITIES"/> <xsd:element ref="CYCLIC_STORAGE"/> <xsd:element ref="MAX_CAPTURE_DURATION"/> <xsd:element ref="MAX_CAPTURE_SIZE"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></pre>

Schema response_trans_tcp_dump - New Elements, Groups, and Types

Table 1-4 *response_trans_tcp_dump - New Components*

Item	Description
TCP_DUMP_CFG	<p>New Element.</p> <p>Contains the TCP dump configuration parameters for the response transaction. Includes the type: TcpDumpCfgResponseContent</p> <p>Used by the complexType GET_TCP_DUMP_CFG</p> <p>Source code:</p> <pre><xsd:element name="TCP_DUMP_CFG" type="TcpDumpCfgResponseContent"/></pre>

Table 1-4 *response_trans_tcp_dump - New Components (Continued)*

Item	Description
TCP_DUMP_STATUS	<p>New Element.</p> <p>Contains TCP dump status parameters. Includes the type: GetTcpDumpStatusContent.</p> <p>Used by the complexType: GET_TCP_DUMP_STATUS</p> <p>Sample code:</p> <pre><xsd:element name="TCP_DUMP_STATUS" type="GetTcpDumpStatusContent"/></pre>
GET_TCP_DUMP_CFG	<p>New complexType.</p> <p>Gets TCP dump configuration parameters. Includes reference to the element: TCP_DUMP_CFG.</p> <p>Used by the group: ACTIONS</p> <p>Sample code:</p> <pre><xsd:element name="GET_TCP_DUMP_CFG"> <xsd:complexType> <xsd:sequence> <xsd:element ref="TCP_DUMP_CFG" minOccurs="0"/> </xsd:sequence> </xsd:complexType> </xsd:element></pre>
GET_TCP_DUMP_STATUS	<p>New complexType.</p> <p>Gets the TCP dump status. Includes reference to the element: TCP_DUMP_STATUS.</p> <p>Used by the group ACTIONS</p> <p>Sample code:</p> <pre><xsd:element name="GET_TCP_DUMP_STATUS"> <xsd:complexType> <xsd:sequence> <xsd:element ref="TCP_DUMP_STATUS" minOccurs="0"/> </xsd:sequence> </xsd:complexType> </xsd:element></pre>
START_TCP_DUMP	<p>new Element.</p> <p>Starts the TCP dump process.</p> <p>Used by the group ACTIONS</p> <p>Sample code:</p> <pre><xsd:element name="START_TCP_DUMP"/></pre>

Table 1-4 *response_trans_tcp_dump - New Components (Continued)*

Item	Description
CLEAR_STORAGE	<p>New Element. Clears the storage.</p> <p>Used by the group ACTIONS</p> <p>Sample code: <xsd:element name="CLEAR_STORAGE"/></p>
STOP_TCP_DUMP	<p>New Element. Stops the TCP dump process.</p> <p>Used by the group ACTIONS</p> <p>Sample code: <xsd:element name="STOP_TCP_DUMP"/></p>
RESPONSE_TRANS_TCP_DUMP	<p>New complexType. Contains the response transaction for the TCP dump process. Includes reference to the following:</p> <ul style="list-style-type: none"> • RETURN_STATUS • ACTIONS • ACTION <p>Sample code: <xsd:element name="RESPONSE_TRANS_TCP_DUMP"> <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></p>

Table 1-4 *response_trans_tcp_dump - New Components (Continued)*

Item	Description
ACTIONS	<p>New Group. Identifies the TCP dump operations to be performed. It contains reference to the following:</p> <ul style="list-style-type: none"> • GET_TCP_DUMP_CFG • GET_TCP_DUMP_STATUS • START_TCP_DUMP • CLEAR_STORAGE • STOP_TCP_DUMP <p>Used by the following complexTypes:</p> <ul style="list-style-type: none"> • RESPONSE_TRANS_TCP_DUMP • ACTION <p>Sample code:</p> <pre><xsd:group name="ACTIONS"> <xsd:choice> <xsd:element ref="GET_TCP_DUMP_CFG"/> <xsd:element ref="GET_TCP_DUMP_STATUS"/> <xsd:element ref="START_TCP_DUMP"/> <xsd:element ref="CLEAR_STORAGE"/> <xsd:element ref="STOP_TCP_DUMP"/> </xsd:choice> </xsd:group></pre>
ACTION	<p>New complexType. Identifies the TCP dump operation to be performed. It contains reference to the group ACTIONS.</p> <p>Used by the complexType: RESPONSE_TRANS_TCP_DUMP</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_tcp_dump - New Elements, Groups, and Types

Table 1-5 trans_tcp_dump - New Components

Item	Description
START_TCP_DUMP	<p>New Element. Starts the TCP dump process.</p> <p>Used by the complexType: TcpDumpStartRequestContent</p> <p>Sample code: <xsd:element name="START_TCP_DUMP" type="TcpDumpStartRequestContent"/></p>
STOP_TCP_DUMP	<p>New Element. Stops the TCP dump process.</p> <p>Used by the group ACTIONS</p> <p>Sample code: <xsd:element name="STOP_TCP_DUMP"/></p>
CLEAR_STORAGE	<p>New Element. Clears the storage.</p> <p>Used by the group ACTIONS</p> <p>Sample code: <xsd:element name="CLEAR_STORAGE"/></p>
GET_TCP_DUMP_CFG	<p>New Element. Gets the TCP dump configuration parameters.</p> <p>Used by the group ACTIONS</p> <p>Sample code: <xsd:element name="GET_TCP_DUMP_CFG"/></p>
GET_TCP_DUMP_STATUS	<p>New Element. Gets the TCP dump status.</p> <p>Used by the group ACTIONS</p> <p>Sample code: <xsd:element name="GET_TCP_DUMP_STATUS"/></p>

Table 1-5 *trans_tcp_dump - New Components (Continued)*

Item	Description
TRANS_TCP_DUMP	<p>New complexType. Contains elements that are used for the TCP dump process. It contains references to the following:</p> <ul style="list-style-type: none"> TRANS_COMMON_PARAMS ACTIONS ACTION <p>Sample code:</p> <pre><xsd:element name="TRANS_TCP_DUMP"> <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. Identifies the TCP dump operations to be performed. It contains reference to the following:</p> <ul style="list-style-type: none"> START_TCP_DUMP STOP_TCP_DUMP CLEAR_STORAGE GET_TCP_DUMP_CFG GET_TCP_DUMP_STATUS <p>Used by the following complexTypes:</p> <ul style="list-style-type: none"> TRANS_TCP_DUMP ACTION <p>Sample code:</p> <pre><xsd:group name="ACTIONS"> <xsd:choice> <xsd:element ref="START_TCP_DUMP"/> <xsd:element ref="STOP_TCP_DUMP"/> <xsd:element ref="CLEAR_STORAGE"/> <xsd:element ref="GET_TCP_DUMP_CFG"/> <xsd:element ref="GET_TCP_DUMP_STATUS"/> </xsd:choice> </xsd:group></pre>

Table 1-5 *trans_tcp_dump - New Components (Continued)*

Item	Description
ACTION	<p>New complexType. Identifies the TCP dump operation to be performed. It contains reference to the group ACTIONS.</p> <p>Used by the complexType: TRANS_TCP_DUMP</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 7.2 - Changes to Existing Schemas

Schema common_obj - Modifications

Table 1-6 common_obj Schema - Modifications

Item	Description
VideoProtocolType	<p>Modified simpleType.</p> <p>A new video protocol.(RTV) was added for Microsoft RTV (Real Time Video) support for video conferencing capability to Microsoft OC (Office Communicator) Client endpoints.</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"/> <!-- relevant only for reservations --> <xsd:enumeration value="h264"/> <!-- relevant only for reservations --> <xsd:enumeration value="rtv"/> </xsd:restriction> </xsd:simpleType> </pre>

Schema common_trans - Modifications

Table 1-7 common_trans Schema - Modifications

Item	Description
SystemRamSizeType	<p>Modified simpleType. Added two enumeration values.</p> <ul style="list-style-type: none"> enumeration 2048_mb enumeration 4096_mb <p>Used by the element: SYSTEM_RAM_SIZE</p> <p>Sample code:</p> <pre><xsd:simpleType name="SystemRamSizeType"> <xsd:restriction base="xsd:string"> <xsd:enumeration value="512_mb"/> <xsd:enumeration value="1024_mb"/> <xsd:enumeration value="2048_mb"/> <xsd:enumeration value="4096_mb"/> </xsd:restriction> </xsd:simpleType></pre>

Schema common_trans_obj - Additions and Modifications

Table 1-8 common_trans_obj Schema - Additions and Modifications

Item	Description
SIP_REGISTRATIONS_STATUS	<p>New Element. This element summarizes the statuses of all SIP registrations that are set in a conference.</p> <p>Used by the following types:</p> <ul style="list-style-type: none"> Group CONF_SUMMARY_DETAILS complexType MeetingRoomSummaryContent <p>Sample code:</p> <pre><xsd:element name="SIP_REGISTRATIONS_STATUS" type="SipRegistrationsStatusType"/></pre>

Table 1-8 *common_trans_obj Schema - Additions and Modifications (Continued)*

Item	Description
SipRegistrationsStatusType	<p>New simpleType. Contains the SIP registrations status type. Enumeration value. Values are:</p> <ul style="list-style-type: none"> • Not Configured - SIP registration is not enabled in the Conference Profile assigned to this conferencing entity. • Registered - the conferencing entity is registered with the SIP Server. • Partially Registered - This status is available only in multiple networks configuration, when the conferencing entity failed to register to one or more Network Services, while there is at least one successful registration (if more than one Network Service was selected for Registration). • Failed - Registration with the SIP Server failed. This may be due to incorrect definition of the SIP Server in the IP Network Service, or the SIP Server may be down, or any other reason that affects the connection between the RMX or the SIP Server to the network. <p>Used by the element: SIP_REGISTRATION_STATUS</p> <p>Sample code:</p> <pre><xsd:simpleType name="SipRegistrationsStatusType"> <xsd:restriction base="xsd:string"> <xsd:enumeration value="not_configured"/> <xsd:enumeration value="registered"/> <xsd:enumeration value="partially_registered"/> <xsd:enumeration value="failed"/> </xsd:restriction> </xsd:simpleType></pre>

Schema `obj_conf_summary_list` - Additions and Modifications

Table 1-9 `obj_conf_summary_list` Schema - Additions and Modifications

Item	Description
SIP_REGISTRATIONS-STATUS	<p>new group element.</p> <p>A new group element was added to the conference summary details, which summarizes the statuses of all SIP registrations that are set in the conference.</p> <p>Used by the complexType: ConferenceSummaryContent</p> <p>Sample code:</p> <pre> <xsd:group name="CONF_SUMMARY_DETAILS"> <xsd:sequence> <xsd:element ref="CONF_STATUS"/> <xsd:element ref="START_TIME"/> <!-- in GMT !!! --> <xsd:element ref="END_TIME"/> <!-- in GMT !!! --> <xsd:element ref="OPERATOR_CONF" minOccurs="0"/> <!-- supported from version 4.1 --> <xsd:element ref="LECTURE_CONF"/> <xsd:element ref="NUM_PARTIES"/> <xsd:element ref="NUM_CONNECTED_PARTIES"/> <xsd:element ref="ENTRY_QUEUE"/> : <xsd:element ref="HD"/> <xsd:element ref="DISPLAY_NAME"/> <xsd:element ref="EPC_CONTENT_SOURCE_ID" minOccurs="0"/> <xsd:element ref="GATEWAY" minOccurs="0"/> <xsd:element ref="IS_TELEPRESENCE_MODE" minOccurs="0"/> <xsd:element ref="TELEPRESENCE_MODE_CONFIGURATIO N" minOccurs="0"/> <xsd:element ref="TELEPRESENCE_LAYOUT_MODE" minOccurs="0"/> <xsd:element ref="SIP_REGISTRATIONS_STATUS" minOccurs="0"/> </xsd:sequence> </xsd:group> </pre>

Schema `obj_ongoing_party` - Modifications

Table 1-10 `obj_ongoing_party` Schema - Modifications

Item	Description
CapCodeType	<p>Modified simpleType.</p> <p>Added new capability type - rtv. A new video protocol.(RTV) was added for Microsoft RTV (Real Time Video) support for video conferencing capability to Microsoft OC (Office Communicator) Client endpoints. Modified the enumeration value "UnknownAlgorithm".</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="rtv"/> <xsd:enumeration value="IS11172Video"/> <xsd:enumeration value="genericVideo"/> <xsd:enumeration value="t120Data"/> <xsd:enumeration value="h224Data"/> <xsd:enumeration value="nonStandard"/> <xsd:enumeration value="generic"/> <xsd:enumeration value="PeopleContent"/> <xsd:enumeration value="RoleLabel"/> <xsd:enumeration value="ChairControl"/> <xsd:enumeration value="Encryption"/> <xsd:enumeration value="rfc2833Dtmf"/> <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>

Table 1-10 *obj_ongoing_party Schema - Modifications (Continued)*

Item	Description
IpChannelType	<p>Modified simpleType. Added new IP channel type - BFCP protocol.</p> <p>Used by the following elements:</p> <ul style="list-style-type: none"> • H323_CHANNEL_TYPE • CHANNEL_TYPE <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="bfcf"/> </xsd:restriction> </xsd:simpleType> </pre>

Table 1-10 *obj_ongoing_party Schema - Modifications (Continued)*

Item	Description
VideoResolutionType	<p>Modified simpleType. Added new video resolution type - 1080p. Endpoints that support H.264 can now receive H.239 <i>Content</i> with the HD1080p resolution at 15fps.</p> <p>Used by the following elements:</p> <ul style="list-style-type: none"> • VIDEO_RESOLUTION • RESOLUTION <p>Sample code:</p> <pre> xsd:simpleType name="VideoResolutionType"> <xsd:restriction base="xsd:string"> <xsd:enumeration value="unknown"/> <xsd:enumeration value="qcif"/> <xsd:enumeration value="cif"/> <xsd:enumeration value="4cif"/> <xsd:enumeration value="16cif"/> <xsd:enumeration value="vga"/> <xsd:enumeration value="ntsc"/> <xsd:enumeration value="svga"/> <xsd:enumeration value="xga"/> <xsd:enumeration value="sif"/> <xsd:enumeration value="qvga"/> <xsd:enumeration value="2cif"/> <xsd:enumeration value="2sif"/> <xsd:enumeration value="4sif"/> <xsd:enumeration value="525sd"/> <xsd:enumeration value="625sd"/> <xsd:enumeration value="720p"/> <xsd:enumeration value="1080p"/> </xsd:restriction> </xsd:simpleType> </pre>

Schema obj_res-summary_list - Modifications

Table 1-11 obj_res_summary_list Schema - Modifications

Item	Description
MeetingRoomSummaryContent	<p>Modified complexType.</p> <p>Added new element to the MeetingRoom summary details - SIP_REGISTRATIONS_STATUS, which summarizes the statuses of all SIP registrations that are set in the meeting room.</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="MEET_ME_PHONE" minOccurs="0"/> <!--supported from version 2.0 --> <xsd:element ref="MR_STATE" minOccurs="0"/> <xsd:element ref="OPERATOR_CONF" minOccurs="0"/> <!--supported from version 4.1 --> : <xsd:element ref="IS_TELEPRESENCE_MODE" minOccurs="0"/> <xsd:element ref="GATEWAY" minOccurs="0"/> <xsd:element ref="TELEPRESENCE_MODE_CONFIGURATION" minOccurs="0"/> <xsd:element ref="TELEPRESENCE_LAYOUT_MODE" 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>

Schema obj_reservation - Additions and Modifications

Table 1-12 obj_reservation Schema - Additions and Modifications

Item	Description
SIP_REGISTRATION_STATUS	<p>New element.</p> <p>This element contains the registration status of the conference to the SIP Server. Included in the type: SipRegistrationStatusType.</p> <p>Used by the complexType: ServiceRegistrationContent</p> <p>Sample code: <code><xsd:element name="SIP_REGISTRATION_STATUS" type="SipRegistrationStatusType"/></code> </p>
SipRegistrationStatusType	<p>New simpleType.</p> <p>Contains the SIP registrations status type. Enumeration value.</p> <p>Values are:</p> <ul style="list-style-type: none"> • Not Configured - SIP registration is not enabled in the Conference Profile assigned to this conferencing entity. • Registered - the conferencing entity is registered with the SIP Server. • Failed - Registration with the SIP Server failed. This may be due to incorrect definition of the SIP Server in the IP Network Service, or the SIP Server may be down, or any other reason that affects the connection between the RMX or the SIP Server to the network. <p>Used by the element: SIP_REGISTRATION_STATUS</p> <p>Sample code: <code><xsd:simpleType name="SipRegistrationStatusType"> <xsd:restriction base="xsd:string"> <xsd:enumeration value="not_configured"/> <xsd:enumeration value="registered"/> <xsd:enumeration value="failed"/> </xsd:restriction> </xsd:simpleType></code> </p>

Table 1-12 *obj_reservation Schema - Additions and Modifications (Continued)*

Item	Description
ServiceRegistrationContent	<p>Modified complexType.</p> <p>A new element was added to the service registration parameters - SIP_REGISTRATION_STATUS, which contains the registration status of the conference to the SIP Server.</p> <p>Used by the element: SERVICE_REGISTRATION_CONTENT</p> <p>Sample code:</p> <pre><xsd:complexType name="ServiceRegistrationContent"> <xsd:sequence> <xsd:element ref="SERVICE_NAME" minOccurs="0"/> <xsd:element ref="SIP_REGISTRATION" minOccurs="0"/> <xsd:element ref="ACCEPT_CALLS" minOccurs="0"/> <xsd:element ref="SIP_REGISTRATION_STATUS" minOccurs="0"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></pre>

Schema obj_snmp - Additions and Modifications

Table 1-13 *obj_snmp Schema - Additions and Modifications*

Item	Description
SNMP_VERSION	<p>New element.</p> <p>This element contains the SNMP version type. Includes the type: SNMPVersionType.</p> <p>Used by the complexType: SnmpDataContent</p> <p>Sample code:</p> <pre><xsd:element name="SNMP_VERSION" type="SNMPVersionType"/></pre>

Table 1-13 *obj_snmp Schema - Additions and Modifications (Continued)*

Item	Description
SNMPVersionType	<p>New simpleType. This type contains the SNMP version of the traps being sent to the IP Host. Enumeration value.</p> <p>Note: For Version 7.2, the default for SNMP version is v3. Previous to Version 7.2, the SNMP version is v2.</p> <p>Values are:</p> <ul style="list-style-type: none"> enumeration snmpv1 enumeration snmpv2 enumeration snmpv3 <p>Used by the element: SNMP_VERSION</p> <p>Sample code:</p> <pre><xsd:simpleType name="SNMPVersionType"> <xsd:restriction base="xsd:string"> <xsd:enumeration value="snmpv1"/> <xsd:enumeration value="snmpv2"/> <xsd:enumeration value="snmpv3"/> </xsd:restriction> </xsd:simpleType></pre>
SECURITY_USER_NAME	<p>New Element. This element contains the security user name.</p> <p>Used by the following complexTypes:</p> <ul style="list-style-type: none"> TrapDestinationContent CommunityPermissionContent <p>Sample code:</p> <pre><xsd:element name="SECURITY_USER_NAME" type="xsd:string"/></pre>
AUTHENTICATION_PROTOCOL	<p>New Element. This element contains the Authentication protocol type. Includes the type: AuthenticationProtocolType.</p> <p>Used by the following complexTypes:</p> <ul style="list-style-type: none"> TrapDestinationContent CommunityPermissionContent <p>Sample code:</p> <pre><xsd:element name="AUTHENTICATION_PROTOCOL" type="AuthenticationProtocolType"/></pre>

Table 1-13 *obj_snmp Schema - Additions and Modifications (Continued)*

Item	Description
AuthenticationProtocolType	<p>New simpleType. This type contains the authentication protocol types. Enumeration value. Values are:</p> <ul style="list-style-type: none"> enumeration MD5 enumeration SHA <p>Used by the element: AUTHENTICATION_PROTOCOL</p> <p>Sample code:</p> <pre><xsd:simpleType name="AuthenticationProtocolType"> <xsd:restriction base="xsd:string"> <xsd:enumeration value="MD5"/> <xsd:enumeration value="SHA"/> </xsd:restriction> </xsd:simpleType></pre>
AUTHENTICATION_PASSWORD	<p>New Element. This element contains the authentication password</p> <p>Used by the following complexTypes:</p> <ul style="list-style-type: none"> TrapDestinationContent CommunityPermissionContent <p>Sample code:</p> <pre><xsd:element name="AUTHENTICATION_PASSWORD" type="xsd:string"/></pre>
PRIVACY_PROTOCOL	<p>New Element. This element contains the Privacy Protocol Type. Includes the type: PrivacyProtocolType.</p> <p>Used by the following complexTypes:</p> <ul style="list-style-type: none"> TrapDestinationContent CommunityPermissionContent <p>Sample code:</p> <pre><xsd:element name="PRIVACY_PROTOCOL" type="PrivacyProtocolType"/></pre>

Table 1-13 *obj_snmp Schema - Additions and Modifications (Continued)*

Item	Description
PrivacyProtocolType	<p>New simpleType. This type contains the Privacy Protocol types. Enumeration value. Values are:</p> <ul style="list-style-type: none"> enumeration AES enumeration DES <p>Used by the element: PRIVACY_PROTOCOL</p> <p>Sample code:</p> <pre><xsd:simpleType name="PrivacyProtocolType"> <xsd:restriction base="xsd:string"> <xsd:enumeration value="DES"/> <xsd:enumeration value="AES"/> </xsd:restriction> </xsd:simpleType></pre>
PRIVACY_PASSWORD	<p>New Element. This element contains the Privacy password.</p> <p>Used by the following complexTypes:</p> <ul style="list-style-type: none"> TrapDestinationContent CommunityPermissionContent <p>Sample code:</p> <pre><xsd:element name="PRIVACY_PASSWORD" type="xsd:string"/></pre>
SECURITY_LEVEL	<p>New Element. This element contains the security level type for SNMP traps. Includes the type: SecurityLevelType.</p> <p>Used by the following complexTypes:</p> <ul style="list-style-type: none"> TrapDestinationContent CommunityPermissionContent <p>Sample code:</p> <pre><xsd:element name="SECURITY_LEVEL" type="SecurityLevelType"/></pre>

Table 1-13 *obj_snmp Schema - Additions and Modifications (Continued)*

Item	Description
SecurityLevelType	<p>New simpleType. This type contains the values for the security level type for SNMP traps. Values are:</p> <ul style="list-style-type: none"> • noauth - no authentication • auth - authentication • priv - private authentication <p>Used by the element: SECURITY_LEVEL</p> <p>Sample code:</p> <pre><xsd:simpleType name="SecurityLevelType"> <xsd:restriction base="xsd:string"> <xsd:enumeration value="noauth"/> <xsd:enumeration value="auth"/> <xsd:enumeration value="priv"/> </xsd:restriction> </xsd:simpleType></pre>
ENGINE_ID	<p>New Element. This element contains the Engine ID for both the Agent and the SNMP traps.</p> <p>Used by the complexType: TrapDestinationContent</p> <p>Sample code:</p> <pre><xsd:element name="ENGINE_ID" type="xsd:string"/></pre>
SnmpDataContent	<p>Modified complexType. This type contains SNMP data parameters. Added SNMP_VERSION element.</p> <p>Used by the element: SNMP_DATA</p> <p>Sample code:</p> <pre><xsd:complexType name="SnmpDataContent"> <xsd:sequence> <xsd:element ref="LOCATION" minOccurs="0"/> <xsd:element ref="CONTACT_NAME" minOccurs="0"/> <xsd:element ref="SYSTEM_NAME" minOccurs="0"/> <xsd:element ref="SNMP_VERSION" minOccurs="0"/> <xsd:element ref="SECURITY" minOccurs="0"/> <xsd:element ref="SNMP_ENABLED" minOccurs="0"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></pre>

Table 1-13 *obj_snmp Schema - Additions and Modifications (Continued)*

Item	Description
TrapDestinationContent	<p>Modified complexType. This type contains SNMP Trap Destination parameters. Includes reference to the following new elements:</p> <ul style="list-style-type: none"> • SECURITY_USER_NAME • AUTHENTICATION_PROTOCOL • AUTHENTICATION_PASSWORD • PRIVACY_PROTOCOL • PRIVACY_PASSWORD • SECURITY_LEVEL • ENGINE_ID • TRAP_VERSION <p>Used by the element: TRAP_DESTINATION</p> <p>Sample code:</p> <pre><xsd:complexType name="TrapDestinationContent"> <xsd:sequence> <xsd:element ref="IP" minOccurs="0"/> <xsd:element ref="COMMUNITY_NAME" minOccurs="0"/> <xsd:element ref="SECURITY_USER_NAME" minOccurs="0"/> <xsd:element ref="AUTHENTICATION_PROTOCOL" minOccurs="0"/> <xsd:element ref="AUTHENTICATION_PASSWORD" minOccurs="0"/> <xsd:element ref="PRIVACY_PROTOCOL" minOccurs="0"/> <xsd:element ref="PRIVACY_PASSWORD" minOccurs="0"/> <xsd:element ref="SECURITY_LEVEL" minOccurs="0"/> <xsd:element ref="ENGINE_ID" minOccurs="0"/> <xsd:element ref="TRAP_VERSION" minOccurs="0"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></pre>

Table 1-13 *obj_snmp Schema - Additions and Modifications (Continued)*

Item	Description
CommunityPermissionContent	<p>Modified complexType.</p> <p>This type contains Community Permission parameters. Includes reference to the following new elements:</p> <ul style="list-style-type: none"> SECURITY_USER_NAME AUTHENTICATION_PROTOCOL AUTHENTICATION_PASSWORD PRIVACY_PROTOCOL PRIVACY_PASSWORD SECURITY_LEVEL <p>Used by the element: COMMUNITY_PERMISSION</p> <p>Sample code:</p> <pre><xsd:complexType name="CommunityPermissionContent"> <xsd:sequence> <xsd:element ref="COMMUNITY_PERMISSION_SPECIFIC" minOccurs="0"/> <xsd:element ref="COMMUNITY_NAME" minOccurs="0"/> <xsd:element ref="SECURITY_USER_NAME" minOccurs="0"/> <xsd:element ref="AUTHENTICATION_PROTOCOL" minOccurs="0"/> <xsd:element ref="AUTHENTICATION_PASSWORD" minOccurs="0"/> <xsd:element ref="PRIVACY_PROTOCOL" minOccurs="0"/> <xsd:element ref="PRIVACY_PASSWORD" minOccurs="0"/> <xsd:element ref="SECURITY_LEVEL" minOccurs="0"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></pre>

Table 1-13 *obj_snmp Schema - Additions and Modifications (Continued)*

Item	Description
TrapVersionType	<p>Modified simpleType. Added enumeration value "snmpv3" (SNMP Version 3) to the list of SNMP versions.</p> <p>Used by the element: TRAP_VERSION</p> <p>Sample code:</p> <pre><xsd:simpleType name="TrapVersionType"> <xsd:restriction base="xsd:string"> <xsd:enumeration value="snmpv1"/> <xsd:enumeration value="snmpv2"/> <xsd:enumeration value="snmpv3"/> </xsd:restriction> </xsd:simpleType></pre>

Schema response_trans_mcu - Additions and Modifications

Table 1-14 response_trans_mcu Schema - Additions and Modifications

Item	Description
GET_COLLECT_INFO_SETTINGS	<p>new complexType. Contains the Collection Information settings.</p> <p>Used by the group: ACTIONS</p> <p>Sample code:</p> <pre><xsd:element name="GET_COLLECT_INFO_SETTINGS"> <xsd:complexType> <xsd:sequence> <xsd:element ref="COLLECT_INFO_SETTINGS" minOccurs="0"/> </xsd:sequence> </xsd:complexType> </xsd:element></pre>
COLLECT_INFO_SETTINGS	<p>New Element. This element contains the information collector settings. Includes the type: CollectInfoSettingsContent</p> <p>Used by the complexType: GET_COLLECT_INFO_SETTINGS</p> <p>Sample code:</p> <pre><xsd:element name="COLLECT_INFO_SETTINGS" type="CollectInfoSettingsContent"/></pre>
CollectInfoSettingsContent	<p>New complexType. This type contains the information collector settings parameters. Includes reference to the following elements:</p> <ul style="list-style-type: none"> • LAST_GENERATED_FILE • START_TIME • END_TIME • COLLECT_INFO_LIST <p>Used by the element: COLLECT_INFO_SETTINGS</p> <p>Sample code:</p> <pre>xsd:complexType name="CollectInfoSettingsContent"> <xsd:sequence> <xsd:element ref="LAST_GENERATED_FILE"/> <xsd:element ref="START_TIME"/> <xsd:element ref="END_TIME"/> <xsd:element ref="COLLECT_INFO_LIST"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></pre>

Table 1-14 *response_trans_mcu Schema - Additions and Modifications (Continued)*

Item	Description
ABORT_COLLECT_INFO	<p>New Element. This element contains aborting collection information.</p> <p>Used by the group ACTIONS</p> <p>Sample code: <xsd:element name="ABORT_COLLECT_INFO"/></p>
LAST_GENERATED_FILE	<p>New Element. This element contains the name of the information file that was generated in the previous collection request.</p> <p>Used by the complexType: CollectInfoSettingsContent</p> <p>Sample code: <xsd:element name="LAST_GENERATED_FILE" type="xsd:string"/></p>

Table 1-14 response_trans_mcu Schema - Additions and Modifications (Continued)

Item	Description
ACTIONS	<p>Modified group.</p> <p>A group of elements that identifies the action that was requested using the response_trans_mcu schema.</p> <p>New elements were added to this group:</p> <ul style="list-style-type: none"> • GET_COLLECT_INFO_SETTINGS • ABORT_COLLECT_INFO <p>Used by the following complexTypes:</p> <ul style="list-style-type: none"> • RESPONSE_TRANS_MCU • ACTION <p>Sample code:</p> <pre> <xsd:group name="ACTIONS"> <xsd:choice> <xsd:element ref="SET_MCU_EXCHANGE_CONFIG_PARAMS" /> <xsd:element ref="GET_LAST_SET_MCU_EXCHANGE_CONFIG_INDICATION"/> <xsd:element ref="LOGIN"/> <xsd:element ref="LOGOUT"/> <xsd:element ref="GET_STATE"/> <xsd:element ref="RESET"/> <xsd:element ref="GET_TIME"/> : : <xsd:element ref="GET_COLLECT_INFO_SETTINGS"/> <xsd:element ref="ABORT_COLLECT_INFO"/> <xsd:element ref="GET_INSTALLATION_STATUS"/> <xsd:element ref="TURN_SSH"/> : : <xsd:element ref="BACKUP_CONFIG_FINISH"/> <xsd:element ref="RESTORE_CONFIG_START"/> > <xsd:element ref="SET_PING"/> <xsd:element ref="GET_PING"/> <xsd:element ref="RMX_GET_STATE_EX"/> <xsd:element ref="GET_MCU_EXCHANGE_CONFIG_PARAMS" /> <xsd:element ref="GET_RESOLUTIONS_SET"/> <xsd:element ref="SET_RESOLUTIONS_SET"/> <xsd:element ref="GET_LAST_UPDATE_KEY_CODE_INDICATION"/> </xsd:choice> </xsd:group> </pre>

Schema trans_mcu - Additions and Modifications

Table 1-15 trans_mcu Schema - Additions and Modifications

Item	Description
GET_COLLECT_INFO_SETTINGS	<p>New Element. This element contains the Collection Information settings.</p> <p>Used by the group ACTIONS</p> <p>Sample code: <xsd:element name="GET_COLLECT_INFO_SETTINGS"/></p>
ABORT_COLLECT_INFO	<p>New Element. This element contains aborting collection information.</p> <p>Used by the group ACTIONS</p> <p>Sample code: <xsd:element name="ABORT_COLLECT_INFO"/></p>
CollectInfoContent	<p>Modified complexType. This type contains the parameters for the requested collection information. A new element was added to this type: COLLECT_INFO_LIST</p> <p>Used by the element: COLLECT_INFO</p> <p>Sample code: xsd:complexType name="CollectInfoContent"> <xsd:sequence> <xsd:element ref="START_TIME"/> <xsd:element ref="END_TIME"/> <xsd:element ref="COLLECT_INFO_LIST"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></p>

Table 1-15 *trans_mcu Schema - Additions and Modifications*

Item	Description
ACTIONS	<p>Modified group.</p> <p>A group of elements that identifies the action that was requested using the trans_mcu schema.</p> <p>New elements were added to this group:</p> <ul style="list-style-type: none"> • GET_COLLECT_INFO_SETTINGS • ABORT_COLLECT_INFO <p>Used by the following complexTypes:</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_TIME"/> <xsd:element ref="SET_TIME"/> <xsd:element ref="GET_DIRECTORY"/> : <xsd:element ref="COLLECT_INFO"/> <xsd:element ref="GET_COLLECT_INFO_SETTINGS"/> <xsd:element ref="ABORT_COLLECT_INFO"/> <xsd:element ref="GET_INSTALLATION_STATUS"/> <xsd:element ref="TURN_SSH"/> <xsd:element ref="REMOVE_DIRECTORY_CONTENT"/> : <xsd:element ref="SET_PING"/> <xsd:element ref="GET_PING"/> <xsd:element ref="RMX_GET_STATE_EX"/> <xsd:element ref="GET_MCU_EXCHANGE_CONFIG_PARAMS "/> <xsd:element ref="SET_MCU_EXCHANGE_CONFIG_PARAMS "/> <xsd:element ref="GET_LAST_SET_MCU_EXCHANGE_CONF IG_INDICATION"/> <xsd:element ref="GET_RESOLUTIONS_SET"/> <xsd:element ref="SET_RESOLUTIONS_SET"/> <xsd:element ref="GET_LAST_UPDATE_KEY_CODE_INDICAT ION"/> </xsd:choice> </xsd:group> </pre>

Corrections to the RMX API Documentation

When using the obj_lecture_mode schema, the LECTURE_MODE_TYPE element automatically changes from "lecture_none" to "lecture_mode" when the LECTURE_NAME element is given a value other than "" (empty).

Version 7.1 - Changes to Existing Schemas

Schema common_obj_ip_span - Additions and Modifications

Table 1-16 common_obj_ip_span Schema - Additions and Modifications

Item	Description
IpSpanContent	<p>Modified complexType. Contains various Network Service parameters. Includes reference to the following new elements:</p> <ul style="list-style-type: none"> IS_SPAN_ENABLE <p>Used by the element: IP_SPAN</p> <p>Sample code:</p> <pre> <xsd:complexType name="IpSpanContent"> <xsd:sequence> <xsd:element ref="LINE_NUMBER"/> <xsd:element ref="SERVICE_PROVIDER_NAME" minOccurs="0"/> <!--not supported--> <xsd:element ref="IP" minOccurs="0"/> <xsd:element ref="ALIAS_LIST" minOccurs="0"/> <xsd:element ref="RAS_PORT" minOccurs="0"/> <xsd:element ref="CALL_SIGNAL_PORT" minOccurs="0"/> <xsd:element ref="SPEED" minOccurs="0"/> <xsd:element ref="PORT_RANGE" minOccurs="0"/> <xsd:element ref="HOST_NAME" minOccurs="0"/> <xsd:element ref="NAT" minOccurs="0"/> <xsd:element ref="IP_V6_LIST" minOccurs="0"/> <xsd:element ref="IS_SPAN_ENABLE" minOccurs="0"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="###other"/> </xsd:sequence> </xsd:complexType> </pre>

Table 1-16 *common_obj_ip_span Schema - Additions and Modifications (Continued)*

Item	Description
IS_SPAN_ENABLE	<p>New Element.</p> <p>Indicates if the Media card LAN port is already assigned to another Network Service and therefore cannot be assigned or it is enabled for assignment. Possible values are:</p> <ul style="list-style-type: none"> true - the port is enabled for assignment false - the port is already assigned and cannot be assigned to this Service. <p>Used by the complexType: IpSpanContent</p> <p>Sample code:</p> <pre><xsd:element name="IS_SPAN_ENABLE" type="xsd:boolean" default="true"/></pre>

Schema common_trans - Additions and Modifications

Table 1-17 *common_trans Schema - Additions and Modifications*

Item	Description
MULTIPLE_SERVICES	<p>New element.</p> <p>Indicates whether or not the Multiple Services mode is enabled. Possible values are:</p> <ul style="list-style-type: none"> true - Multiple Services mode is enabled false - Multiple Services mode is disabled <p>Used by complexType:</p> <ul style="list-style-type: none"> LoginResponseContent LicensingAttributesContent <p>Sample Code:</p> <pre><xsd:element name="MULTIPLE_SERVICES" type="xsd:boolean" default="false"/></pre>
VIDEO_PREVIEW_ENABLE	<p>New element.</p> <p>Indicates whether the Video Preview is enabled or disabled in the system. Possible values are:</p> <ul style="list-style-type: none"> true - Video Preview is enabled false - Video Preview mode is disabled <p>Used by complexType: LoginResponseContent</p> <p>Sample Code:</p> <pre><xsd:element name=" VIDEO_PREVIEW_ENABLE " type="xsd:boolean"> </xsd:element></pre>

Table 1-17 *common_trans Schema - Additions and Modifications (Continued)*

Item	Description
LoginResponseContent	<p>Modified complexType.</p> <p>This type is used to return login information that contains general system parameters and enabled features. Includes reference to the following new elements:</p> <ul style="list-style-type: none"> MULTIPLE_SERVICES VIDEO_PREVIEW_ENABLE <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="API_NUMBER" minOccurs="0"/> <xsd:element ref="PRODUCT_TYPE" minOccurs="0"/> > <xsd:element ref="HTTP_PORT" minOccurs="0"/> : : <xsd:element ref="LOGIN_RECORDS" minOccurs="0"/> <xsd:element ref="PASSWORD_EXPIRATION_WARNING_DAYS" minOccurs="0"/> <xsd:element ref="HIDE_CONFERENCE_PASSWORD" minOccurs="0"/> <xsd:element ref="SEPARATED_MANAGEMENT_NETWORK" minOccurs="0"/> <xsd:element ref="AUDIBLE_ALARM_ENABLE" minOccurs="0"/> <xsd:element ref="HOTBACKUP_ACTUAL_TYPE" minOccurs="0"/> <xsd:element ref="TOTAL_NUMBER_OF_PARTICIPANTS" minOccurs="0"/> <!--not supported--> <xsd:element ref="TOTAL_NUMBER_OF_EVENT_MODE_PARTICIPANTS" minOccurs="0"/> <xsd:element ref="MULTIPLE_SERVICES" minOccurs="0"/> <xsd:element ref="VIDEO_PREVIEW_ENABLE" minOccurs="0"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType> </pre>

Schema common_trans_obj - Additions and Modifications

Table 1-18 common_trans_obj - Additions and Modifications

Item	Description
USE_SERVICE_PHONES_AS_RANGE	<p>New element.</p> <p>When set to true, the RMX uses the two dial-in numbers assigned to the ISDN Network Service (sent by the API) as a first and last numbers in the dial-in numbers range.</p> <p>Values are:</p> <ul style="list-style-type: none"> true - the dial in numbers defined in the ISDN Network Service will be used as first and last dial in numbers in the range defined in the Gateway Profile. false - the USE_SERVICE_PHONES_AS_RANGE is disabled in the Gateway Profile. <p>Used by complexType: ServiceContent</p> <p>Sample code:</p> <pre><xsd:element name=" USE_SERVICE_PHONES_AS_RANGE " type="xsd:boolean"> </xsd:element></pre>
SERVICE_PHONES_PREFIX_FORWARD	<p>New Element.</p> <p>The DMA prefix or the RMX prefix in the Gatekeeper for use in automatic dial string generation. This prefix replaces the digits that are truncated from the dial-in strings and to which the remaining dial in digits are appended to create the destination number.</p> <p>Used by complexType: ServiceContent</p> <p>Sample code:</p> <pre><xsd:element name=" SERVICE_PHONES_PREFIX_FORWARD " type="xsd:string"> </xsd:element></pre>
SERVICE_PHONES_NUM_DIGITS_FORWARD	<p>New Element.</p> <p>The number of rightmost digits of the dialed string to be appended to the Destination Prefix (DMA/RMX prefix in the gatekeeper) when automatically generating the forwarded dial string. For example, if the number of digits to append is 4 and the dialing string is 5705555, the system will append the digits 5555 to the DMA prefix (26) and creating the destination number 265555.</p> <p>Used by complexType: ServiceContent</p> <p>Sample code:</p> <pre><xsd:element name=" SERVICE_PHONES_NUM_DIGITS_FORWARD " type="xsd:boolean"> </xsd:element></pre>

Table 1-18 *common_trans_obj - Additions and Modifications (Continued)*

Item	Description
ServiceContent	<p>Modified complexType.</p> <p>Contains various ISDN Network Service parameters as defined for the Gateway Profile. Includes reference to the following new elements:</p> <ul style="list-style-type: none"> • USE_SERVICE_PHONES_AS_RANGE • SERVICE_PHONES_PREFIX_FORWARD • SERVICE_PHONES_NUM_DIGITS_FORWARD <p>Used by the element: SERVICE</p> <p>Sample code:</p> <pre><xsd:complexType name="ServiceContent"> <xsd:sequence> <xsd:element ref="NAME" minOccurs="0"/> <xsd:element ref="PHONE1" minOccurs="0"/> <xsd:element ref="PHONE2" minOccurs="0"/> <xsd:element ref="PHONE_LIST_EX" minOccurs="0"/> <xsd:element ref="USE_SERVICE_PHONES_AS_RANGE" minOccurs="0"/> > <xsd:element ref="SERVICE_PHONES_PREFIX_FORWARD" minOccurs="0"/> <xsd:element ref="SERVICE_PHONES_NUM_DIGITS_FORWARD" minOccurs="0"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></pre>

Schema **obj_av_msg_service** - Additions and Modifications

Table 1-19 *obj_av_msg_service* - Additions and Modifications

Item	Description
DtmfOpcodeType	<p>Modified simpleType.</p> <p>A new Opcode (DTMF code) was added to enable conference control via Polycom Touch Control device:</p> <p>venus_controller</p> <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="lock_conference"/> <xsd:enumeration value="unlock_conference"/>--> <xsd:enumeration value="increase_my_volume"/> <xsd:enumeration value="decrease_my_volume"/> <xsd:enumeration value="mute_all_xpt_me"/> <xsd:enumeration value="cancel_mute_all_xpt_me"/> : : : <xsd:enumeration value="start_resume_recording"/><!-- supported from version 2.0.2--> <xsd:enumeration value="stop_recording"/><!-- supported from version 2.0.2--> <xsd:enumeration value="pause_recording"/><!-- supported from version 2.0.2--> <xsd:enumeration value="playback_menu"/><!--not supported--> <xsd:enumeration value="request_to_speak"/> <xsd:enumeration value="start_pcm"/> <xsd:enumeration value="venus_controller"/> <xsd:enumeration value="unknown"/> <!--not supported--> </xsd:restriction> </xsd:simpleType> </pre>

Schema Obj_cfg - Additions and Modifications

Table 1-20 *Obj_cfg - Additions and Modifications*

Item	Description
CFG_TYPE	<p>New element. Indicates the configuration type. Includes reference to the following new elements:</p> <ul style="list-style-type: none"> MULTIPLE_SERVICES <p>Used by the elements:</p> <ul style="list-style-type: none"> IP_DETAILS GET_CFG SET_CFG <p>Sample code: <xsd:element name="CFG_TYPE" type="CfgTypeType"/></p>
CfgTypeType	<p>New simpleType. Contains the configuration type. Possible values are:</p> <ul style="list-style-type: none"> enumeration user enumeration debug <p>Used by the element: CFG_TYPE</p> <p>Sample code: <xsd:simpleType name="CfgTypeType"> <xsd:restriction base="xsd:string"> <xsd:enumeration value="user"/> <xsd:enumeration value="debug"/> </xsd:restriction> </xsd:simpleType></p>

Schema **obj_ip_service** - Additions and Modifications

Table 1-21 *obj_ip_service* - Additions and Modifications

Item	Description
ENABLE_RECORDING_INDICATION	<p>New Elements.</p> <p>Indicates whether the option to display a recording status icon on the participant's monitor is enabled or disabled for the conference. Possible values are:</p> <ul style="list-style-type: none"> • true - The display of the recording status icon (ENABLE_RECORDING_INDICATION) is enabled in the Conference Profile. • false - The display of the recording status icon (ENABLE_RECORDING_INDICATION) is disabled in the Conference Profile. <p>Used by the complexType: ReservationContent</p> <p>Sample code:</p> <pre><xsd:element name=" ENABLE_RECORDING_INDICATION" type="xsd:boolean"> </xsd:element></pre>

Table 1-21 *obj_ip_service - Additions and Modifications (Continued)*

Item	Description
IP_DETAILS	<p>Modified Group.</p> <p>This group contains the parameters of an IP or Management Network Service.</p> <p>Includes the new elements:</p> <p>SERVICE_CFG SERVICE_ID CFG_TYPE</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="DEFAULT_ROUTER" minOccurs="0"/> <xsd:element ref="ROUTER_LIST" minOccurs="0"/> <xsd:element ref="DHCP_SERVER" minOccurs="0"/> <xsd:element ref="GATEKEEPER_TYPE" minOccurs="0"/> <xsd:element ref="GATEKEEPER" minOccurs="0"/> <xsd:element ref="IP_SPAN_LIST" minOccurs="0"/> <xsd:element ref="IP_QOS" minOccurs="0"/> <xsd:element ref="FORWARDING" minOccurs="0"/> <xsd:element ref="PROTOCOL_TYPE" minOccurs="0"/> <xsd:element ref="DNS" minOccurs="0"/> <xsd:element ref="SECURITY" minOccurs="0"/> <xsd:element ref="SIP" minOccurs="0"/> <xsd:element ref="GATEKEEPER_NAME" minOccurs="0"/> <xsd:element ref="ALT_GATEKEEPER_NAME" minOccurs="0"/> <xsd:element ref="VPN_IP" minOccurs="0"/> <xsd:element ref="AUTO_REGISTRATION_SPAN_HOST_NAME" minOccurs="0"/> <xsd:element ref="IP_SERVICE_TYPE" minOccurs="0"/> <xsd:element ref="IS_REGISTER_AS_GATEWAY" minOccurs="0"/> : : <xsd:element ref="IP_TYPE" minOccurs="0"/> <xsd:element ref="IP_V6_CONFIGURATION_TYPE" minOccurs="0"/> <xsd:element ref="DEFAULT_ROUTER_IP_V6" minOccurs="0"/> <xsd:element ref="SECONDARY_NETWROK" minOccurs="0"/> <xsd:element ref="SIP_ADVANCED" minOccurs="0"/> <xsd:element ref="SERVICE_ID" minOccurs="0"/> <xsd:element ref="CFG_TYPE" minOccurs="0"/> <xsd:element ref="SERVICE_CFG" minOccurs="0"/> </xsd:sequence> </xsd:group> </pre>

Table 1-21 *obj_ip_service - Additions and Modifications (Continued)*

Item	Description
SERVICE_CFG	<p>New element.</p> <p>Sample code: <code><xsd:element name="CFG_TYPE" type="CfgTypeType"/></code></p>
SERVICE_ID	<p>New element. Indicates the Service ID of a Network Service.</p> <p>Used by the group:</p> <ul style="list-style-type: none"> IP_DETAILS <p>Sample code: <code><xsd:element name=" SERVICE_ID " type="xsd:integer"></code></p>
SIP_SERVER_TYPE	<p>New element. Indicates the SIP server type: Generic or Microsoft.</p> <p>Used by complexType: SipContent</p> <p>Sample code: <code><<xsd:element name="SIP_SERVER_TYPE" type="SipServerTypeType "/></code></p>
SipServerType	<p>New simpleType. Contains the SIP server type:</p> <ul style="list-style-type: none"> enumeration generic enumeration ms_ocs <p>Used by the element: SIP_SERVER_TYPE</p> <p>Sample code: <code><xsd:simpleType name="SipServerTypeType"> <xsd:restriction base="xsd:string"> <xsd:enumeration value="generic"/> <xsd:enumeration value="ms_ocs"/> </xsd:restriction> </xsd:simpleType></code></p>

Table 1-21 *obj_ip_service - Additions and Modifications (Continued)*

Item	Description
SipContent	<p>Modified complexType. This type contains the SIP parameters. Includes reference to the following new element: SIP_SERVER_TYPE</p> <p>Note: Several elements references by this complex type are no longer supported in version 7.1 and later. Please use SERVICE_REGISTRATION_LIST in reservationcontent instead. For details, see "Schema trans_mcu - Additions and Modifications" on page 1-62.</p> <p>Used by the element: SIP</p> <p>Sample code:</p> <pre><xsd:complexType name="SipContent"> <xsd:sequence> <xsd:element ref="OUTBOUND_PROXY" minOccurs="0"/> <xsd:element ref="PREFERRED_SIP_SERVER" minOccurs="0"/> <xsd:element ref="ALTERNATE_SIP_SERVER" minOccurs="0"/> <xsd:element ref="TRANSPORT_TYPE" minOccurs="0"/> <xsd:element ref="CONFIGURATION_SIP_SERVERS_MODE" minOccurs="0"/> : : <xsd:element ref="SIP_SERVER_TYPE" minOccurs="0"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></pre>

Schema **obj_licensing_configuration** - Additions and Modifications

Table 1-22 *obj_licensing_configuration - Additions and Modifications*

Item	Description
LicensingAttributesContent	<p>Modified complexType. This type contains license attributes. Includes reference to the following new elements:</p> <ul style="list-style-type: none"> MULTIPLE_SERVICES <p>Used by the element: LICENSING_ATTRIBUTES</p> <p>Sample code:</p> <pre><xsd:complexType name="LicensingAttributesContent"> <xsd:sequence> <xsd:element ref="ENCRYPTION"/> <xsd:element ref="CFS_PSTN_ENABLED"/> <xsd:element ref="CFS_TELEPRESENCE_ENABLED"/> <xsd:element ref="FEDERAL"/> <!-- not supported --> <xsd:element ref="MULTIPLE_SERVICES"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></pre>

Schema **obj_reservation** - Additions and Modifications

Table 1-23 *obj_reservation - Additions and Modifications*

Item	Description
SERVICE_REGISTRATION_LIST	<p>New element. The list of IP Network Services to which the conferencing entities can register.</p> <p>Used by the complexType: ServiceRegistrationListContent</p> <p>Sample code:</p> <pre><xsd:element name="SERVICE_REGISTRATION_LIST" type="ServiceRegistrationListContent" /></pre>

Table 1-23 *obj_reservation - Additions and Modifications (Continued)*

Item	Description
ReservationContent	<p>Modified complexType.</p> <p>Contains various conference parameters.</p> <p>Includes reference to the following new elements:</p> <ul style="list-style-type: none"> ENABLE_RECORDING_INDICATION SERVICE_REGISTRATION_LIST <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="VISUAL_EFFECTS" minOccurs="0"/> <xsd:element ref="COP" minOccurs="0"/><!-- supported from 4.6--> <xsd:element ref="PROFILE" minOccurs="0"/> <xsd:element ref="DIAL_IN_H323_SRV_PREFIX_LIST" minOccurs="0"/> : <xsd:element ref="ENABLE_RECORDING" minOccurs="0"/> <xsd:element ref="ENABLE_RECORDING_INDICATION" minOccurs="0"/> <!--supported from version 2.0.2--> <xsd:element ref="START_REC_POLICY" minOccurs="0"/> <!--supported from version 2.0.2--> <xsd:element ref="REC_LINK_NAME" minOccurs="0"/> <!--supported from version 2.0.2--> : : <xsd:element ref="TELEPRESENCE_MODE_CONFIGURATION" minOccurs="0"/> <xsd:element ref="TELEPRESENCE_LAYOUT_MODE" minOccurs="0"/> <xsd:element ref="CROPPING" minOccurs="0"/><!--not supported--> <xsd:element ref="MAX_RESOLUTION" minOccurs="0"/> <xsd:element ref="AUTO_BRIGHTNESS" minOccurs="0"/> <xsd:element ref="AUDIO_CLARITY" minOccurs="0"/> <xsd:element ref="IVR_PROVIDER_EQ" minOccurs="0"/> <xsd:element ref="SERVICE_REGISTRATION_LIST" minOccurs="0"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> <xsd:element ref="PARTY_LIST" minOccurs="0"/> </xsd:sequence> </xsd:complexType> </pre>

Table 1-23 *obj_reservation - Additions and Modifications (Continued)*

Item	Description
ServiceRegistrationListContent	<p>New complexType. Contains the list of IP Network Services to which the conferencing entities can register. Referenced by the element: SERVICE_REGISTRATION_CONTENT</p> <p>Used by the complexType: ReservationContent</p> <p>Sample code: <pre><xsd:complexType name="ServiceRegistrationListContent"> <xsd:sequence> <xsd:element ref="SERVICE_REGISTRATION_CONTENT" minOccurs="0" maxOccurs="unbounded"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other" /> </xsd:sequence> </xsd:complexType></pre> </p>
SERVICE_REGISTRATION_CONTENT	<p>New element. The list of IP Network Services to which the conferencing entities are registered.</p> <p>Used by the complexType: ServiceRegistrationListContent</p> <p>Sample code: <pre><xsd:element name="SERVICE_REGISTRATION_CONTENT" type="ServiceRegistrationContent" /></pre> </p>
ServiceRegistrationContent	<p>New complexType. Contains the IP Network Services to which the conferencing entities are registered. Referenced by the element:</p> <ul style="list-style-type: none"> SERVICE_NAME SIP_REGISTRATION ACCEPT_CALLS <p>Used by the complexType: ServiceRegistrationListContent</p> <p>Sample code: <pre><xsd:complexType name="ServiceRegistrationContent"> <xsd:sequence> <xsd:element ref="SERVICE_NAME" minOccurs="0"/> <xsd:element ref="SIP_REGISTRATION" minOccurs="0"/> <xsd:element ref="ACCEPT_CALLS" minOccurs="0"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other" /> </xsd:sequence> </xsd:complexType></pre> </p>

Table 1-23 *obj_reservation - Additions and Modifications (Continued)*

Item	Description
SIP_REGISTRATION	<p>New element.</p> <p>Indicates whether the IP Network service was selected for registration with the SIP Server for the conferencing entity. Values are:</p> <ul style="list-style-type: none"> true - the IP Network Service was selected for registration with the SIP Server false - the IP Network Service was not selected for registration with the SIP Server <p>Used by the complexType: ServiceRegistrationContent</p> <p>Sample code: <xsd:element name="SIP_REGISTRATION" type="xsd:boolean" default="false"/> </p>
ACCEPT_CALLS	<p>New element.</p> <p>Indicates whether the IP Network service can accept H.323 incoming calls. Values are:</p> <ul style="list-style-type: none"> true - the IP Network Service can accept H.323 incoming calls false - the IP Network Service cannot accept H.323 incoming calls <p>Used by the complexType: ServiceRegistrationContent</p> <p>Sample code: <xsd:element name="ACCEPT_CALLS" type="xsd:boolean" default="true"/> </p>
SERVICE_NAME_FOR_MIN_PARTIES	<p>New element.</p> <p>Indicates the IP Network service that will be used for dialing out to H.323 participants for which resources are reserved on the MCU.</p> <p>Used by the simpleType: MeetMePerConfContent</p> <p>Sample code: <xsd:element name="SERVICE_NAME_FOR_MIN_PARTIES" type="xsd:string"/> </p>

Schema **obj_rsrc_report** - Additions and Modifications

Table 1-24 *obj_rsrc_report* - Additions and Modifications

Item	Description
RSRC_SERVICES_REPORT_RMX_LIST	<p>New element.</p> <p>The list of Resource Reports for each IP Network Service defined in the system.</p> <p>Used by the complexType: RsrcServicesReportRmxListContent</p> <p>Sample code: <code><xsd:element name="RSRC_SERVICES_REPORT_RMX_LIST" type="RsrcServicesReportRmxListContent"/></code> </p>
RsrcServicesReportRmxListContent	<p>New complexType.</p> <p>Contains the list of Resource Reports for each IP Network Service defined in the system.</p> <p>Used by the complexType: GET_CARMEL_SERVICES_REPORT</p> <p>Sample code: <code><xsd:complexType name="RsrcServicesReportRmxListContent"> <xsd:sequence> <xsd:element ref="RSRC_SERVICES_REPORT" minOccurs="0" maxOccurs="unbounded"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></code> </p>
RsrcServicesReportContent	<p>New complexType.</p> <p>Contains the Resource Report for an IP Network Service defined in the system.</p> <p>Includes references to the following elements:</p> <ul style="list-style-type: none"> RSRC_SERVICES_REPORT_LIST SERVICE_NAME <p>Used by the complexType: RsrcServicesReportRmxListContent</p> <p>Sample code: <code><xsd:complexType name="RsrcServicesReportContent"> <xsd:sequence> <xsd:element ref="RSRC_REPORT_RMX_LIST"/> <xsd:element ref="SERVICE_NAME"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></code> </p>

Table 1-24 *obj_rsrc_report - Additions and Modifications (Continued)*

Item	Description
RSRC_SERVICES_REPORT	<p>New element.</p> <p>The Resource Report for an IP Network Service defined in the system.</p> <p>Used by the complexType: RsrcServicesReportContent</p> <p>Sample code:</p> <pre><xsd:element name="RSRC_SERVICES_REPORT" type="RsrcServicesReportContent"/></pre>

Schema trans_mcu - Additions and Modifications

Table 1-25 trans_mcu - Additions and Modifications

Item	Description
ACTIONS	<p>Modified group.</p> <p>A new action was added to the actions in this group: GET_LAST_UPDATE_KEY_CODE_INDICATION.</p> <p>Used by the elements:</p> <ul style="list-style-type: none"> ACTION TRANS_MCU <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="REMOVE_DIRECTORY"/> <xsd:element ref="BEGIN_RECEIVING_VERSION"/> <xsd:element ref="FINISHED_TRANSFER_VERSION"/> <xsd:element ref="UPDATE_KEY_CODE"/> <xsd:element ref="FLUSH"/> <xsd:element ref="GET_CFS"/> <xsd:element ref="STOP_ALL_MEDIA_RECORDING"/> <xsd:element ref="GET_RECORDING_JUNCTION_LIST"/> <xsd:element ref="SET_RESTORE_TYPE"/> <xsd:element ref="COLLECT_INFO"/> <xsd:element ref="GET_INSTALLATION_STATUS"/> <xsd:element ref="TURN_SSH"/> <xsd:element ref="REMOVE_DIRECTORY_CONTENT"/> <xsd:element ref="GET_PORT_CONFIGURATION"/> <xsd:element ref="SET_PORT_CONFIGURATION"/> <xsd:element ref="GET_RESOLUTIONS_SET"/> <xsd:element ref="SET_RESOLUTIONS_SET"/> <xsd:element ref="GET_LAST_UPDATE_KEY_CODE_INDICATION"/> </xsd:choice> </xsd:group></pre>
GET_LAST_UPDATE_KEY_CODE_INDICATION	<p>New element.</p> <p>Retrieves the features that are enabled by the currently installed product activation key.</p> <p>Used by the element: ACTIONS</p> <p>Sample code:</p> <pre><xsd:element name="GET_LAST_UPDATE_KEY_CODE_INDICATION"> </xsd:element></pre>

Schema response_trans_mcu - Additions and Modifications

Table 1-26 response_trans_mcu - Additions and Modifications

Item	Description
ACTIONS	<p>Modified group.</p> <p>Indicates the requested action. A new action was added to the actions in this group: GET_LAST_UPDATE_KEY_CODE_INDICATION.</p> <p>Used by the elements:</p> <ul style="list-style-type: none"> ACTION RESPONSE_TRANS_MCU <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="REMOVE_DIRECTORY"/> <xsd:element ref="BEGIN_RECEIVING_VERSION"/> <xsd:element ref="FINISHED_TRANSFER_VERSION"/> <xsd:element ref="UPDATE_KEY_CODE"/> <xsd:element ref="FLUSH"/> <xsd:element ref="GET_CFS"/> <xsd:element ref="STOP_ALL_MEDIA_RECORDING"/> <xsd:element ref="GET_RECORDING_JUNCTION_LIST"/> <xsd:element ref="SET_RESTORE_TYPE"/> <xsd:element ref="COLLECT_INFO"/> <xsd:element ref="GET_INSTALLATION_STATUS"/> <xsd:element ref="TURN_SSH"/> <xsd:element ref="REMOVE_DIRECTORY_CONTENT"/> <xsd:element ref="GET_PORT_CONFIGURATION"/> <xsd:element ref="SET_PORT_CONFIGURATION"/> <xsd:element ref="GET_RESOLUTIONS_SET"/> <xsd:element ref="SET_RESOLUTIONS_SET"/> <xsd:element ref="GET_LAST_UPDATE_KEY_CODE_INDICATION"/> </xsd:choice> </xsd:group></pre>
GET_LAST_UPDATE_KEY_CODE_INDICATION	<p>New element.</p> <p>Retrieves the features that are enabled by the currently installed product activation key.</p> <p>Used by the element: ACTIONS</p> <p>Sample code:</p> <pre><xsd:element name="GET_LAST_UPDATE_KEY_CODE_INDICATION"> </xsd:element></pre>

Schema trans_rsrc_report - Additions and Modifications

Table 1-27 trans_rsrc_report - Additions and Modifications

Item	Description
ACTIONS	<p>Modified group.</p> <p>A new action was added to the actions in this group: GET_CARMEL_SERVICES_REPORT.</p> <p>Used by the elements:</p> <ul style="list-style-type: none"> • ACTION • TRANS_RSRC_REPORT <p>Sample code:</p> <pre><xsd:group name="ACTIONS"> <xsd:choice> <xsd:element ref="GET_MGC"/><!--not supported--> <xsd:element ref="GET_MGC_25"/><!--not supported--> <xsd:element ref="SET_METHOD"/><!--not supported--> <xsd:element ref="GET_CARMEL_REPORT"/> <xsd:element ref="SET_PORT_GAUGE"/> <xsd:element ref="GET_CARMEL_SERVICES_REPORT"/> </xsd:choice> </xsd:group></pre>
GET_CARMEL_SERVICES_REPORT	<p>New element.</p> <p>Retrieves the Resource Report for each IP Network Service defined in the system.</p> <p>Used by the element: TRANS_RSRC_REPORT</p> <p>Sample code:</p> <pre><xsd:element name="GET_CARMEL_SERVICES_REPORT"> <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 response_trans_rsrc_report - Additions and Modifications

Table 1-28 response_trans_rsrc_report - Additions and Modifications

Item	Description
ACTIONS	<p>Modified group.</p> <p>A response to a new action that was added to the actions in this group: GET_CARMEL_SERVICES_REPORT.</p> <p>Used by the elements:</p> <ul style="list-style-type: none"> ACTION RESPONSE_TRANS_RSRC_REPORT <p>Sample code:</p> <pre><xsd:group name="ACTIONS"> <xsd:choice> <xsd:element ref="GET_MGC"/><!--not supported--> <xsd:element ref="GET_MGC_25"/><!--not supported--> <xsd:element ref="SET_METHOD"/><!--not supported--> <xsd:element ref="GET_CARMEL_REPORT"/> <xsd:element ref="SET_PORT_GAUGE"/> <xsd:element ref="GET_CARMEL_SERVICES_REPORT"/> </xsd:choice> </xsd:group></pre>
GET_CARMEL_SERVICES_REPORT	<p>New element.</p> <p>Response to the request to retrieve the Resource Report for each IP Network Service defined in the system. References the element: RSRC_SERVICES_REPORT_RMX_LIST</p> <p>Used by the complexType: RESPONSE_TRANS_RSRC_REPORT</p> <p>Sample code:</p> <pre><xsd:element name="GET_CARMEL_SERVICES_REPORT"> <xsd:complexType> <xsd:sequence> <xsd:element ref="RSRC_SERVICES_REPORT_RMX_LIST" minOccurs="0"/> </xsd:sequence> </xsd:complexType></pre>

Elements No Longer Supported in Version 7.1

Following a change in the registration of the conferencing entities from the Network Service Level to the conferencing entity level (i.e. definition in the Profile assigned to the conferencing entity), the following elements are no longer supported in version 7.1. **SERVICE_REGISTRATION_LIST** in the *obj_reservation* schema must be used instead to register the conferencing entities with the SIP Server.

Elements no longer supported in version 7.1

- REGISTRATION_ONGOING_CONFERENCES
- REGISTRATION_MEETING_ROOMS
- REGISTRATION_ENTRY_QUEUE
- ACCEPT_MEET_ME
- ACCEPT_ADHOC
- ACCEPT_FACTORY
- REGISTRATION_MODE
- REFRESH_REGISTRATION_TOUT
- REGISTRATION_FACTORIES
- REGISTRATION_GATEWAY_PROFILES

Version 7.0.2 - Changes to Existing Schemas

Change in System Behavior

In version 6.0.2 and versions 7.x, a new status: **STATUS_RESPONSE_TOO_LONG** may be returned as a response to an API transaction.

This response is returned when Compressed communication is NOT used and the response size is larger than 3000000 Bytes and contains a large amount of data (for example, TRANS_CONF_2 Action=GET).

Schema common_trans - Additions and Modifications

Table 1-29 common_trans Schema - Additions and Modifications

Item	Description
PARTY_PORTS_INFO	<p>New Element. Contains the Ports information for the participant. Includes reference to the element:</p> <ul style="list-style-type: none"> PORTS_INFO <p>Used by the element: GET_PARTY_PORTS_INFO</p> <p>Sample code: <xsd:element name="PARTY_PORTS_INFO" type="PartyPortsInfoContent"/></p>
PORTS_INFO	<p>New Element. Contains the string of the Ports information for the participant.</p> <p>Used by the element: PARTY_PORTS_INFO</p> <p>Sample code: <xsd:element name="PORTS_INFO" type="xsd:string"/></p>
PartyPortsInfoContent	<p>New complexType. Contains the string of the Ports information. Includes reference to the following new elements:</p> <ul style="list-style-type: none"> PORTS_INFO <p>Used by the element: GET_PARTY_PORTS_INFO</p> <p>Sample code: <xsd:complexType name="PartyPortsInfoContent"> <xsd:sequence> <xsd:element ref="PORTS_INFO" minOccurs="0"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></p>

Schema obj_licensing_configuration - Additions and Modifications

Table 2 obj_licensing_configuration Schema - Additions and Modifications

Item	Description
BIOS_VERSION	<p>New Element.</p> <p>The BIOS version of the MCU.</p> <p>Used by the complexType: LicensingConfigurationContent</p> <p>Sample code:</p> <pre><xsd:element name="BIOS_VERSION" type="xsd:string"/></pre>
LicensingConfigurationContent	<p>Modified complexType.</p> <p>Contains the licensing parameters that include general parameters, MCU version, licensing attributes, licensed partners and the BIOS version.</p> <p>Includes reference to the following new element:</p> <ul style="list-style-type: none"> BIOS_VERSION <p>Used by the element: LICENSING_CONFIGURATION</p> <p>Sample code:</p> <pre><xsd:complexType name="LicensingConfigurationContent"> <xsd:sequence> <xsd:element ref="COMMON_LICENSING_PARAMS"/> <xsd:element ref="MCU_VERSION"/> <xsd:element ref="GENERAL_LICENSING_PARAMS"/> <xsd:element ref="LICENSING_ATTRIBUTES"/> <xsd:element ref="PARTNERS"/> <xsd:element ref="BIOS_VERSION"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></pre>

Schema **obj_resolutions_set** - Additions and Modifications

Table 3 *obj_resolutions_set* Schema - Additions and Modifications

Item	Description
RESOLUTIONS_PARAMS	<p>Modified Element.</p> <p>The MCU resolution parameters.</p> <p>Includes reference to the following <u>new</u> elements:</p> <ul style="list-style-type: none"> SHARPNESS_HIGH_PROFILE_RESOLUTIONS MOTION_HIGH_PROFILE_RESOLUTIONS SET_SHARPNESS_HIGH_PROFILE_RESOLUTIONS SET_MOTION_HIGH_PROFILE_RESOLUTIONS <p>Used by the element: GET_RESOLUTIONS_SET</p> <p>Sample code:</p> <pre><xsd:element name="RESOLUTIONS_PARAMS" type="ResolutionsContent"> </xsd:element></pre>
ResolutionsContent	<p>Modified complexType.</p> <p>Contains the pre-defined Resolution Configurations that matched video resolutions to connection line rates according to various criteria, such as optimizing resource usage and optimizing the video quality.</p> <p>Includes reference to the following new elements:</p> <ul style="list-style-type: none"> SHARPNESS_HIGH_PROFILE_RESOLUTIONS MOTION_HIGH_PROFILE_RESOLUTIONS <p>Used by the element: RESOLUTIONS_PARAMS</p> <p>Sample code:</p> <pre>xsd:complexType name="ResolutionsContent"> <xsd:sequence> <xsd:element ref="CP_MAX_RESOLUTION"/> <xsd:element ref="CONFIGURATION_TYPE"/> <xsd:element ref="SHARPNESS_RESOLUTIONS"/> <xsd:element ref="MOTION_RESOLUTIONS "/> <xsd:element ref="SHARPNESS_HIGH_PROFILE_RESOLUTIONS"/> <xsd:element ref="MOTION_HIGH_PROFILE_RESOLUTIONS"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></pre>

Table 3 *obj_resolutions_set Schema - Additions and Modifications (Continued)*

Item	Description
ResolutionsSetContent	<p>New complexType. Contains the MCU resolutions configuration sets. Includes reference to the element:</p> <ul style="list-style-type: none"> RESOLUTION_SLIDER_PARAMS_LIST <p>Used by the elements:</p> <ul style="list-style-type: none"> SHARPNESS_RESOLUTIONS MOTION_RESOLUTIONS SHARPNESS_HIGH_PROFILE_RESOLUTIONS MOTION_HIGH_PROFILE_RESOLUTIONS <p>Sample code:</p> <pre><xsd:complexType name="ResolutionsSetContent"> <xsd:sequence> <xsd:element ref="RESOLUTION_SLIDER_PARAMS_LIST"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></pre>
SHARPNESS_HIGH_PROFILE_RESOLUTIONS	<p>New Element. The resolution parameters that will be used when the conference quality is set to Sharpness and endpoints connect using H.264 High Profile protocol.</p> <p>Used by the element: RESOLUTIONS_PARAMS</p> <p>Sample code:</p> <pre><xsd:element name="SHARPNESS_HIGH_PROFILE_RESOLUTIONS" type="ResolutionsSetContent"> </xsd:element></pre>
MOTION_HIGH_PROFILE_RESOLUTIONS	<p>New Element. The resolution parameters that will be used when the conference video quality is set to Motion and endpoints connect using H.264 High Profile protocol.</p> <p>Used by the element: RESOLUTIONS_PARAMS</p> <p>Sample code:</p> <pre><xsd:element name="MOTION_HIGH_PROFILE_RESOLUTIONS" type="ResolutionsSetContent"> </xsd:element></pre>

Table 3 *obj_resolutions_set Schema - Additions and Modifications (Continued)*

Item	Description
RESOLUTIONS_SLIDER_PARAMS_LIST	<p>Modified element.</p> <p>The list of resolution configurations and their line rate settings for each resolution. Includes the type:</p> <ul style="list-style-type: none"> ResolutionsSliderParamsListContent <p>Used by:</p> <ul style="list-style-type: none"> SHARPNESS_RESOLUTIONS MOTION_RESOLUTIONS SHARPNESS_HIGH_PROFILE_RESOLUTIONS MOTION_HIGH_PROFILE_RESOLUTIONS <p>Sample code:</p> <pre><xsd:element name="RESOLUTION_SLIDER_PARAMS_LIST" type="ResolutionsSliderParamsListContent"> </xsd:element></pre>
ResolutionsSliderParamsListContent	<p>Modified complexType.</p> <p>Contains the list of resolution configurations and their line rate settings for each resolution. Includes reference to the element:</p> <ul style="list-style-type: none"> RESOLUTION_SLIDER_PARAMS_LIST <p>Used by the element</p> <ul style="list-style-type: none"> SHARPNESS_RESOLUTIONS MOTION_RESOLUTIONS SHARPNESS_HIGH_PROFILE_RESOLUTIONS MOTION_HIGH_PROFILE_RESOLUTIONS <p>Sample code:</p> <pre><xsd:complexType name=" ResolutionsSliderParamsListContent "> <xsd:sequence> <xsd:element ref="RESOLUTION_SLIDER_PARAMS"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></pre>

Table 3 *obj_resolutions_set Schema - Additions and Modifications (Continued)*

Item	Description
SET_RESOLUTIONS_PARAMS	<p>Modify element.</p> <p>The Resolution Configuration parameters. Includes reference to the following new elements:</p> <ul style="list-style-type: none"> SET_SHARPNESS_HIGH_PROFILE_RESOLUTIONS SET_MOTION_HIGH_PROFILE_RESOLUTIONS <p>Used by the element: SET_RESOLUTIONS_SET</p> <p>Sample code:</p> <pre><xsd:element name="SET_RESOLUTIONS_PARAMS" type="SetResolutionsContent"> </xsd:element></pre>
SetResolutionsContent	<p>Modified complexType.</p> <p>Contains the parameters of the various Resolution Configuration categories: Maximum CP resolution, the line rate thresholds for the various resolutions when the conference Video Quality is set to Sharpness or Motion. Includes references to the following new elements:</p> <ul style="list-style-type: none"> SET_SHARPNESS_HIGH_PROFILE_RESOLUTIONS SET_MOTION_HIGH_PROFILE_RESOLUTIONS <p>Used by the element: element SET_RESOLUTIONS_PARAMS</p> <p>Sample code:</p> <pre><xsd:complexType name="SetResolutionsContent"> <xsd:sequence> <xsd:element ref="CP_MAX_RESOLUTION"/> <xsd:element ref="CONFIGURATION_TYPE"/> <xsd:element ref="SET_SHARPNESS_RESOLUTIONS"/> <xsd:element ref="SET_MOTION_RESOLUTIONS"/> <xsd:element ref="SET_SHARPNESS_HIGH_PROFILE_RESOLUTIONS"/> <xsd:element ref="SET_MOTION_HIGH_PROFILE_RESOLUTIONS"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></pre>

Table 3 *obj_resolutions_set Schema - Additions and Modifications (Continued)*

Item	Description
SET_SHARPNESS_HIGH_PROFILE_RESOLUTIONS	<p>New element.</p> <p>Sets the resolution configuration parameters that will be applied to video connections when the conference Video Quality is set to Sharpness and the endpoints use H.264 High Profile. Reference to: RESOLUTION_SLIDER_SHORT_PARAMS_LIST</p> <p>Used by the element SET_RESOLUTIONS_PARAMS</p> <p>Sample code: <xsd:element name="SET_SHARPNESS_HIGH_PROFILE_RESOLUTIONS" type="SetResolutionsSetContent"> </xsd:element></p>
SET_MOTION_HIGH_PROFILE_RESOLUTION	<p>New element.</p> <p>Sets the resolution configuration parameters that will be applied to video connections when the conference Video Quality is set to Motion and the endpoints use H.264 High Profile. Reference to: RESOLUTION_SLIDER_SHORT_PARAMS_LIST</p> <p>Used by the element SET_RESOLUTIONS_PARAMS</p> <p>Sample code: <xsd:element name="SET_MOTION_HIGH_PROFILE_RESOLUTIONS" type="SetResolutionsSetContent"> </xsd:element></p>
SetResolutionsSetContent	<p>Modified complexType.</p> <p>Contains the resolution configuration parameters.</p> <p>Used by the element:</p> <ul style="list-style-type: none"> • SET_SHARPNESS_RESOLUTIONS • SET_MOTION_RESOLUTIONS • SET_SHARPNESS_HIGH_PROFILE_RESOLUTIONS • SET_MOTION_HIGH_PROFILE_RESOLUTIONS <p>Sample code: <xsd:complexType name="SetResolutionsSetContent"> <xsd:sequence> <xsd:element ref="RESOLUTION_SLIDER_SHORT_PARAMS_LIST"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></p>

Table 3 *obj_resolutions_set Schema - Additions and Modifications (Continued)*

Item	Description
RESOLUTIONS_SLIDER_SHORT_PARAMS_LIST	<p>Modified element.</p> <p>Includes a summary of the Resolution Configuration parameters.</p> <p>Used by the elements:</p> <ul style="list-style-type: none"> • SET_SHARPNESS_RESOLUTIONS • SET_MOTION_RESOLUTIONS • SET_SHARPNESS_HIGH_PROFILE_RESOLUTIONS • SET_MOTION_HIGH_PROFILE_RESOLUTIONS <p>Sample code:</p> <pre><xsd:element name="RESOLUTION_SLIDER_SHORT_PARAMS_LIST " type="ResolutionsSliderShortParamsListContent"> </xsd:element></pre>
ResolutionsSliderShortParamsListContent	<p>Modified complexType.</p> <p>Contains the resolution configuration parameters.</p> <p>Used by the element:</p> <ul style="list-style-type: none"> • SET_SHARPNESS_RESOLUTIONS • SET_MOTION_RESOLUTIONS • SET_SHARPNESS_HIGH_PROFILE_RESOLUTIONS • SET_MOTION_HIGH_PROFILE_RESOLUTIONS <p>Sample code:</p> <pre><xsd:complexType name=" ResolutionsSliderShortParamsListContent "> <xsd:sequence> <xsd:element ref="RESOLUTION_SLIDER_SHORT_PARAMS"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></pre>

Schema response_trans_conf - Additions and Modifications

Table 4 response_trans_conf Schema - Additions and Modifications

Item	Description
GET_PARTY_PORTS_INFO	<p>New element. Contains the Ports information.</p> <p>Used by the Group: ACTIONS</p> <p>Sample Code:</p> <pre><xsd:element name="GET_PARTY_PORTS_INFO"> <xsd:complexType> <xsd:sequence> <xsd:element ref="PARTY_PORTS_INFO"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType> </xsd:element></pre>

Schema trans_conf_2 - Additions and Modifications

Table 5 trans_conf_2 Schema - Additions and Modifications

Item	Description
GET_PARTY_PORTS_INFO	<p>New element. Contains the conference ID and participant ID for which to retrieve the Ports information. Contains reference to:</p> <ul style="list-style-type: none"> ID PARTY_ID <p>Used by the Group: ACTIONS</p> <p>Sample Code:</p> <pre><xsd:element name="GET_PARTY_PORTS_INFO"> <xsd:complexType> <xsd:sequence> <xsd:element ref="ID"/> <xsd:element ref="PARTY_ID"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType> </xsd:element></pre>

Version 7.0 - New Schemas

The following schemas were added to the RMX XML API kit in version 7.0.

Table 1-1 *New Schema List*

Schema Name	Description
obj_resolutions_set	Contains the video resolution decision matrix. System resource usage is also affected by the Resolution Configuration settings.

Schema obj_resolutions_set - New Elements, Groups and Types

Table 2 *obj_resolutions_set - New Components*

Item	Description
RESOLUTIONS_PARAMS	<p>New Element.</p> <p>The MCU resolutions parameters.</p> <p>Includes reference to the following elements:</p> <ul style="list-style-type: none"> • CP_MAX_RESOLUTION • CONFIGURATION_TYPE • SHAPRNESS_RESOLUTIONS • MOTION_RESOLUTIONS <p>Used by the element: GET_RESOLUTIONS_SET</p> <p>Sample code:</p> <pre><xsd:element name="RESOLUTIONS_PARAMS" type="ResolutionsContent"> </xsd:element></pre>

Table 2 *obj_resolutions_set - New Components (Continued)*

Item	Description
CP_MAX_RESOLUTION	<p>New Element.</p> <p>Indicates the maximum resolution that can be used to connect participants to conferences. Participants can connect at a lower resolution (unless CIF is selected). Values are:</p> <ul style="list-style-type: none"> • cif30 - CIF resolution, 30 fps • cif60 - CIF resolution, 60 fps • wcif - CIF resolution, wide • sd30 - SD resolution, 30 fps • sd60 - SD resolution, 60 fps • hd720p30 - HD 720p, 30 fps • hd720p60 - HD 720p, 60 fps (only in MPMx Card Configuration Mode) • hd1080p30 - HD 1080p, 30 fps (only in MPMx Card Configuration Mode) • hd1080p60 - HD 1080p, 60 fps (not supported) <p>Used by the complexType:</p> <ul style="list-style-type: none"> • ResolutionContent • SetResolutionContent <p>Sample code:</p> <pre><xsd:element name=" CP_MAX_RESOLUTION " type="ResolutionType"> </xsd:element></pre>

Table 2 *obj_resolutions_set - New Components (Continued)*

Item	Description
ResolutionType	<p>New simpleType. Contains a video resolution.</p> <ul style="list-style-type: none"> • enumeration cif30 • enumeration cif60 • enumeration wcif • enumeration sd15 • enumeration sd30 • enumeration hd720p30 • enumeration hd720p60 (only in MPMx Card Configuration Mode) • enumeration hd1080p30 (only in MPMx Card Configuration Mode) • enumeration hd1080p60 (not supported) <p>Sample code:</p> <pre> source<xsd:simpleType name="ResolutionType"> <xsd:restriction base="xsd:string"> <xsd:enumeration value="cif30"/> <xsd:enumeration value="cif60"/> <xsd:enumeration value="wcif"/> <xsd:enumeration value="sd15"/> <xsd:enumeration value="sd30"/> <xsd:enumeration value="hd720p30"/> <xsd:enumeration value="hd720p60"/> <xsd:enumeration value="hd1080p30"/> <xsd:enumeration value="hd1080p60"/> </xsd:restriction> </xsd:simpleType> </pre>

Table 2 *obj_resolutions_set - New Components (Continued)*

Item	Description
CONFIGURATION_TYPE	<p>New element.</p> <p>Indicates the selected Resolution Configurations.</p> <p>Values are:</p> <ul style="list-style-type: none"> • balanced - A balance between the optimized video quality and optimized resource usage. This is the only available resolution configuration in version 6.0.x and earlier. • resource_optimized - System resource usage is optimized by allowing high resolution connections only at high line rates and may result in lower video resolutions (in comparison to other resolution configurations) for some line rates. This allows to save MCU resources and increase the number of participant connections. • user_exp_optimized - Video is optimized through higher resolution connections at lower line rates increasing the resource usage at lower line rates. This may decrease the number of participant connections. • high_profile_optimized - Video resolutions are optimized for use with H.264 High Profile. This option is available only in <i>MPMx Card Configuration Mode</i>. Applicable only in version 7.0 and Version 7.0.1. • manual - for each resolution, the user defines the line rate threshold. <p>Used by complexType:</p> <ul style="list-style-type: none"> • ResolutionContent • SetResolutionContent <p>Sample Code:</p> <pre><xsd:element name=" CONFIGURATION_TYPE " type="ResolutionConfigurationType"> </xsd:element></pre>

Table 2 *obj_resolutions_set - New Components (Continued)*

Item	Description
ResolutionConfigurationType	<p>New SimpleType. Contains the resolution configuration type. Values are:</p> <ul style="list-style-type: none"> • enumeration balanced • enumeration resource_optimized • enumeration user_exp_optimized • enumeration high_profile_optimized • enumeration manual <p>Sample code:</p> <pre><xsd:simpleType name="ResolutionConfigurationType"> <xsd:restriction base="xsd:string"> <xsd:enumeration value="balanced"/> <xsd:enumeration value="resource_optimized"/> <xsd:enumeration value="user_exp_optimized"/> <xsd:enumeration value="high_profile_optimized"/> <xsd:enumeration value="manual"/> </xsd:restriction> </xsd:simpleType></pre>
ResolutionsContent	<p>New complexType. Contains the pre-defined Resolution Configurations that matched video resolutions to connection line rates according to various criteria, such as optimizing resource usage and optimizing the video quality. Includes reference to:</p> <ul style="list-style-type: none"> • CP_MAX_RESOLUTION • CONFIGURATION_TYPE • SHARPNESS_RESOLUTIONS • MOTION_RESOLUTIONS <p>Used by the element: RESOLUTIONS_PARAMS</p> <p>Sample code:</p> <pre>xsd:complexType name="ResolutionsContent"> <xsd:sequence> <xsd:element ref="CP_MAX_RESOLUTION"/> <xsd:element ref="CONFIGURATION_TYPE"/> <xsd:element ref="SHARPNESS_RESOLUTIONS"/> <xsd:element ref="MOTION_RESOLUTIONS "/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></pre>

Table 2 *obj_resolutions_set - New Components (Continued)*

Item	Description
SHARPNESS_RESOLUTIONS	<p>New element.</p> <p>Contains the resolution configuration parameters that will be applied to video connections when the conference Video Quality is set to Sharpness.</p> <p>Includes reference to: RESOLUTION_SLIDER_PARAMS_LIST</p> <p>Used by the element: RESOLUTIONS_PARAMS</p> <p>Sample code: <code><xsd:element name="SHARPNESS_RESOLUTIONS" type="ResolutionsSetContent"></code> <code></xsd:element></code> </p>
MOTION_RESOLUTIONS	<p>New element.</p> <p>Contains the resolution configuration parameters that will be applied to video connections when the conference Video Quality is set to Motion.</p> <p>Includes reference to: RESOLUTION_SLIDER_PARAMS_LIST</p> <p>Used by the element: RESOLUTIONS_PARAMS</p> <p>Sample code: <code><xsd:element name="MOTION_RESOLUTIONS" type="ResolutionsSetContent"></code> <code></xsd:element></code> </p>
ResolutionsSetContent	<p>New complexType.</p> <p>Contains the MCU resolutions configuration sets.</p> <p>Includes reference to:</p> <ul style="list-style-type: none"> RESOLUTION_SLIDER_PARAMS_LIST <p>Used by the element:</p> <ul style="list-style-type: none"> SHARPNESS_RESOLUTIONS MOTION_RESOLUTIONS <p>Sample code: <code><xsd:complexType name="ResolutionsSetContent"></code> <code><xsd:sequence></code> <code><xsd:element</code> <code>ref="RESOLUTION_SLIDER_PARAMS_LIST"/></code> <code><xsd:any processContents="skip" minOccurs="0"</code> <code>maxOccurs="unbounded" namespace="##other"/></code> <code></xsd:sequence></code> <code></xsd:complexType></code> </p>

Table 2 *obj_resolutions_set - New Components (Continued)*

Item	Description
RESOLUTIONS_SLIDER_PARAMS_LIST	<p>New element.</p> <p>The list of resolution configurations and their line rate settings for each resolution. Includes the type:</p> <ul style="list-style-type: none"> ResolutionsSliderParamsListContent <p>Used by:</p> <ul style="list-style-type: none"> SHARPNESS_RESOLUTIONS MOTION_RESOLUTIONS <p>Sample code:</p> <pre><xsd:element name="RESOLUTION_SLIDER_PARAMS_LIST" type="ResolutionsSliderParamsListContent"> </xsd:element></pre>
ResolutionsSliderParamsListContent	<p>New complexType.</p> <p>Contains the list of resolution configurations and their line rate settings for each resolution.</p> <p>Includes reference to the element:</p> <ul style="list-style-type: none"> RESOLUTION_SLIDER_PARAMS_LIST <p>Used by the element</p> <ul style="list-style-type: none"> SHARPNESS_RESOLUTIONS MOTION_RESOLUTIONS <p>Sample code:</p> <pre><xsd:complexType name=" ResolutionsSliderParamsListContent "> <xsd:sequence> <xsd:element ref="RESOLUTION_SLIDER_PARAMS"/ > <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></pre>

Table 2 *obj_resolutions_set - New Components (Continued)*

Item	Description
RESOLUTIONS_SLIDER_PARAMS	<p>New element.</p> <p>The list of resolution configurations and their line rate settings for each resolution.</p> <p>Includes the reference to the following:</p> <ul style="list-style-type: none"> RESOLUTION_TYPE RESOURCE_UNITS MINIMAL_RESOLUTION_RATE BALANCED_MODE_RATE RESOURCE_OPTIMIZED_MODE_RATE USER_OPTIMIZED_MODE_RATE HIGH_PROFILE_OPTIMIZED_MODE_RATE <p>Used by:</p> <ul style="list-style-type: none"> RESOLUTION_SLIDER_PARAMS_LIST <p>Sample code:</p> <pre><xsd:element name="RESOLUTION_SLIDER_PARAMS" type="ResolutionsSliderParamsContent"> </xsd:element></pre>
ResolutionsSliderParamsContent	<p>New complexType.</p> <p>Contains the list of Resolution Configuration sets.</p> <p>Includes reference to:</p> <ul style="list-style-type: none"> RESOLUTION_SLIDER_PARAMS_LIST <p>Used by element: RESOLUTION_SLIDER_PARAMS</p> <p>Sample code:</p> <pre><xsd:complexType name=" ResolutionsSliderParamsContent "> <xsd:sequence> <xsd:element ref="RESOLUTION_TYPE"/> <xsd:element ref="RESOURCE_UNITS"/> <xsd:element ref="MINIMAL_RESOLUTION_RATE"/> <xsd:element ref="BALANCED_MODE_RATE"/> <xsd:element ref="RESOURCE_OPTIMIZED_MODE_ RATE"/> <xsd:element ref="USER_OPTIMIZED_MODE_ RATE"/> <xsd:element ref="HIGH_PROFILE_OPTIMIZED_MODE_RATE"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></pre>

Table 2 *obj_resolutions_set - New Components (Continued)*

Item	Description
RESOLUTION_TYPE	<p>New element.</p> <p>Indicates the video resolutions for which line rate thresholds are configured.</p> <p>Values are:</p> <ul style="list-style-type: none"> • cif30 - CIF resolution, 30 fps • cif60 - CIF resolution, 60 fps • wcif - CIF resolution, wide • sd30 - SD resolution, 30 fps • sd60 - SD resolution, 60 fps • hd720p30 - HD 720p, 30 fps • hd720p60 - HD 720p, 60 fps (only in MPMx Card Configuration Mode) • hd1080p30 - HD 1080p, 30 fps (only in MPMx Card Configuration Mode) • hd1080p60 - HD 1080p, 60 fps (not supported) <p>Used by the complexType:</p> <ul style="list-style-type: none"> • ResolutionsSliderParamsContent • ResolutionsSliderShortParamsContent <p>Sample code:</p> <pre><xsd:element name="RESOLUTION_TYPE" type="ResolutionType"> </xsd:element></pre>
RESOURCE_UNITS	<p>New element.</p> <p>Indicates the number of resources, in percentages of CIF resources, required to connect a participant at a given resolution.</p> <p>Used by complexType: ResolutionsSliderParamsContent</p> <p>Sample code:</p> <pre><xsd:element name=" RESOURCE_UNITS " type="xsd:int"> </xsd:element></pre>

Table 2 *obj_resolutions_set - New Components (Continued)*

Item	Description
MINIMAL_RESOLUTION_RATE	<p>New element.</p> <p>Indicates the minimum line rate that will be declared by the MCU for each line rate threshold set in the resolution configuration.</p> <p>Values are:</p> <ul style="list-style-type: none"> • 64 - 64 kbps • 96 - 96 kbps • 128 - 128 kbps • 192 - 192 kbps • 256 - 256 kbps • 320 - 320 kbps • 384 - 384 kbps • 512 - 512 kbps • 768 - 768 kbps • 832 - 832 kbps • 1024 - 1024 kbps • 1152 - 1152 kbps • 1280 - 1280 kbps • 1472 - 1472 kbps • 1536 - 1536 kbps • 1728 - 1728 kbps • 1920 - 1920 kbps • 2048 - 2048 kbps • 2560 - 2560 kbps • 3072 - 3072 kbps • 4096 - 4096 kbps • 6144 - 6144 kbps (only in VSW conferences and MPMx Card Configuration Mode) • 8192 - 8192 kbps (not supported) <p>Used by complexType:</p> <ul style="list-style-type: none"> • ResolutionsSliderParamsContent • ResolutionsSliderShortParamsContent <p>Sample code:</p> <pre><xsd:element name="MINIMAL_RESOLUTION_RATE" type="ResolutionTransferRateType"> </xsd:element></pre>

Table 2 *obj_resolutions_set - New Components (Continued)*

Item	Description
ResolutionTransferRateType	<p>New simpleType.</p> <p>Contains the line rates in kbps that can be set as thresholds for the resolution configuration.</p> <ul style="list-style-type: none"> • enumeration 64 • enumeration 96 • enumeration 128 • enumeration 192 • enumeration 256 • enumeration 320 • enumeration 384 • enumeration 512 • enumeration 768 • enumeration 832 • enumeration 1024 • enumeration 1152 • enumeration 1280 • enumeration 1472 • enumeration 1536 • enumeration 1728 • enumeration 1920 • enumeration 2048 • enumeration 2560 • enumeration 3072 • enumeration 4096 • enumeration 6144 (only in VSW conferences and MPMx Card Configuration Mode) • enumeration 8192 (not supported) <p>Used by the element: MINIMAL_RESOLUTION_RATE</p> <p>Sample code:</p> <pre><xsd:simpleType name="ResolutionTransferRateType"> <xsd:restriction base="xsd:string"> <xsd:enumeration value="64"/> <xsd:enumeration value="96"/> <xsd:enumeration value="128"/> <xsd:enumeration value="192"/> <xsd:enumeration value="256"/> <xsd:enumeration value="320"/> <xsd:enumeration value="384"/> <xsd:enumeration value="512"/> <xsd:enumeration value="768"/> <xsd:enumeration value="832"/> <xsd:enumeration value="1024"/> <xsd:enumeration value="1152"/> <xsd:enumeration value="1280"/> <xsd:enumeration value="1472"/> <xsd:enumeration value="1536"/> <xsd:enumeration value="1728"/></pre>

Table 2 *obj_resolutions_set - New Components (Continued)*

Item	Description
ResolutionTransferRateType (continued)	<pre> <xsd:enumeration value="1920"/> <xsd:enumeration value="2048"/> <xsd:enumeration value="2560"/> <xsd:enumeration value="3072"/> <xsd:enumeration value="4096"/> <xsd:enumeration value="6144"/> <xsd:enumeration value="8192"/> </xsd:restriction> </xsd:simpleType> </pre>
BALANCED_MODE_RATE	<p>New element.</p> <p>Indicates the minimum line rate that will be declared by the MCU for each line rate threshold set in the Balanced resolution configuration.</p> <p>Includes reference to: ResolutionTransferRateType</p> <p>Values are:</p> <ul style="list-style-type: none"> • 64 - 64 kbps • 96 - 96 kbps • 128 - 128 kbps • 192 - 192 kbps • 256 - 256 kbps • 320 - 320 kbps • 384 - 384 kbps • 512 - 512 kbps • 768 - 768 kbps • 832 - 832 kbps • 1024 - 1024 kbps • 1152 - 1152 kbps • 1280 - 1280 kbps • 1472 - 1472 kbps • 1536 - 1536 kbps • 1728 - 1728 kbps • 1920 - 1920 kbps • 2048 - 2048 kbps • 2560 - 2560 kbps • 3072 - 3072 kbps • 4096 - 4096 kbps • 6144 - 6144 kbps (only in VSW conferences and MPMx Card Configuration Mode) • 8192 - 8192 kbps (not supported) <p>Used by complexType: ResolutionsSliderParamsContent</p> <p>Sample code:</p> <pre> <xsd:element name="BALANCED_MODE_RATE" type="ResolutionTransferRateType"> </xsd:element> </pre>

Table 2 *obj_resolutions_set - New Components (Continued)*

Item	Description
RESOURCE_OPTIMIZED_MODE_RATE	<p>New element.</p> <p>Indicates the minimum line rate that will be declared by the MCU for each line rate threshold set in the Resource Optimized resolution configuration mode.</p> <p>Includes reference to: ResolutionTransferRateType</p> <p>Values are:</p> <ul style="list-style-type: none"> • 64 - 64 kbps • 96 - 96 kbps • 128 - 128 kbps • 192 - 192 kbps • 256 - 256 kbps • 320 - 320 kbps • 384 - 384 kbps • 512 - 512 kbps • 768 - 768 kbps • 832 - 832 kbps • 1024 - 1024 kbps • 1152 - 1152 kbps • 1280 - 1280 kbps • 1472 - 1472 kbps • 1536 - 1536 kbps • 1728 - 1728 kbps • 1920 - 1920 kbps • 2048 - 2048 kbps • 2560 - 2560 kbps • 3072 - 3072 kbps • 4096 - 4096 kbps • 6144 - 6144 kbps (only in VSW conferences and MPMx Card Configuration Mode) • 8192 - 8192 kbps (not supported) <p>Used by complexType: ResolutionsSliderParamsContent</p> <p>Sample code:</p> <pre><xsd:element name="RESOURCE_OPTIMIZED_MODE_RATE" type="ResolutionTransferRateType"> </xsd:element></pre>

Table 2 *obj_resolutions_set - New Components (Continued)*

Item	Description
USER_OPTIMIZED_MODE_RATE	<p>New element.</p> <p>Indicates the minimum line rate that will be declared by the MCU for each line rate threshold set in the Video Quality (user experience) Optimized resolution configuration mode.</p> <p>Includes reference to: ResolutionTransferRateType</p> <p>Values are:</p> <ul style="list-style-type: none"> • 64 - 64 kbps • 96 - 96 kbps • 128 - 128 kbps • 192 - 192 kbps • 256 - 256 kbps • 320 - 320 kbps • 384 - 384 kbps • 512 - 512 kbps • 768 - 768 kbps • 832 - 832 kbps • 1024 - 1024 kbps • 1152 - 1152 kbps • 1280 - 1280 kbps • 1472 - 1472 kbps • 1536 - 1536 kbps • 1728 - 1728 kbps • 1920 - 1920 kbps • 2048 - 2048 kbps • 2560 - 2560 kbps • 3072 - 3072 kbps • 4096 - 4096 kbps • 6144 - 6144 kbps (only in VSW conferences and MPMx Card Configuration Mode) • 8192 - 8192 kbps (not supported) <p>Used by complexType: ResolutionsSliderParamsContent</p> <p>Sample code:</p> <pre><xsd:element name="USER_OPTIMIZED_MODE_RATE" type="ResolutionTransferRateType"> </xsd:element></pre>

Table 2 *obj_resolutions_set - New Components (Continued)*

Item	Description
HIGH_PROFILE_OPTIMIZED_MODE_RATE	<p>New element.</p> <p>Indicates the minimum line rate that will be declared by the MCU for each line rate threshold set in the High Profile Optimized resolution configuration mode. This mode is available only in MPMx Card Configuration Mode.</p> <p>Includes reference to: ResolutionTransferRateType</p> <p>Values are:</p> <ul style="list-style-type: none"> • 64 - 64 kbps • 96 - 96 kbps • 128 - 128 kbps • 192 - 192 kbps • 256 - 256 kbps • 320 - 320 kbps • 384 - 384 kbps • 512 - 512 kbps • 768 - 768 kbps • 832 - 832 kbps • 1024 - 1024 kbps • 1152 - 1152 kbps • 1280 - 1280 kbps • 1472 - 1472 kbps • 1536 - 1536 kbps • 1728 - 1728 kbps • 1920 - 1920 kbps • 2048 - 2048 kbps • 2560 - 2560 kbps • 3072 - 3072 kbps • 4096 - 4096 kbps • 6144 - 6144 kbps (only in VSW conferences and MPMx Card Configuration Mode) • 8192 - 8192 kbps (not supported) <p>Used by complexType: ResolutionsSliderParamsContent</p> <p>Sample code:</p> <pre><xsd:element name="HIGH_PROFILE_OPTIMIZED_MODE_RATE" type="ResolutionTransferRateType"> </xsd:element></pre>
SET_RESOLUTIONS_PARAMS	<p>New element.</p> <p>The Resolution Configuration parameters.</p> <p>Used by the element: SET_RESOLUTIONS_SET</p> <p>Sample code:</p> <pre><xsd:element name="SET_RESOLUTIONS_PARAMS" type="SetResolutionsContent"> </xsd:element></pre>

Table 2 *obj_resolutions_set - New Components (Continued)*

Item	Description
SetResolutionsContent	<p>New complexType.</p> <p>Contains the parameters of the various Resolution Configuration categories: Maximum CP resolution, the line rate thresholds for the various resolutions when the conference Video Quality is set to Sharpness or Motion.</p> <p>Includes the following references:</p> <ul style="list-style-type: none"> • CP_MAX_RESOLUTION • CONFIGURATION_TYPE • SHARPNESS_RESOLUTIONS • MOTION_RESOLUTIONS <p>Used by the element: element SET_RESOLUTIONS_PARAMS</p> <p>Sample code:</p> <pre><xsd:complexType name="SetResolutionsContent"> <xsd:sequence> <xsd:element ref="CP_MAX_RESOLUTION"/> <xsd:element ref="CONFIGURATION_TYPE"/> <xsd:element ref="SET_SHARPNESS_RESOLUTIONS"/> <xsd:element ref="SET_MOTION_RESOLUTIONS "/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></pre>
SET_SHARPNESS_RESOLUTIONS	<p>New element.</p> <p>Sets the resolution configuration parameters that will be applied to video connections when the conference Video Quality is set to Sharpness.</p> <p>Reference to: RESOLUTION_SLIDER_SHORT_PARAMS_LIST</p> <p>Used by the element SET_RESOLUTIONS_PARAMS</p> <p>Sample code:</p> <pre><xsd:element name="SET_SHARPNESS_RESOLUTIONS" type="SetResolutionsSetContent"> </xsd:element></pre>

Table 2 *obj_resolutions_set - New Components (Continued)*

Item	Description
SET_MOTION_RESOLUTIONS	<p>New element.</p> <p>Sets the resolution configuration parameters that will be applied to video connections when the conference Video Quality is set to Motion.</p> <p>Reference to: RESOLUTION_SLIDER_SHORT_PARAMS_LIST</p> <p>Used by the element SET_RESOLUTIONS_PARAMS</p> <p>Sample code: <pre><xsd:element name="SET_MOTION_RESOLUTIONS" type="SetResolutionsSetContent"> </xsd:element></pre> </p>
SetResolutionsSetContent	<p>New complexType.</p> <p>Contains the resolution configuration parameters.</p> <p>Used by the element:</p> <ul style="list-style-type: none"> • SET_SHARPNESS_RESOLUTIONS • SET_MOTION_RESOLUTIONS <p>Sample code: <pre><xsd:complexType name="SetResolutionsSetContent"> <xsd:sequence> <xsd:element ref="RESOLUTION_SLIDER_SHORT_PARAMS_LIST"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></pre> </p>
RESOLUTIONS_SLIDER_SHORT_PARAMS_LIST	<p>New element.</p> <p>Includes a summary of the Resolution Configuration parameters.</p> <p>Used by the element:</p> <ul style="list-style-type: none"> • SET_SHARPNESS_RESOLUTIONS • SET_MOTION_RESOLUTIONS <p>Sample code: <pre><xsd:element name="RESOLUTION_SLIDER_SHORT_PARAMS_LIST" type="ResolutionsSliderShortParamsListContent"> </xsd:element></pre> </p>

Table 2 *obj_resolutions_set - New Components (Continued)*

Item	Description
ResolutionsSliderShortParamsListContent	<p>New complexType. Contains the resolution configuration parameters.</p> <p>Used by the element:</p> <ul style="list-style-type: none"> SET_SHARPNESS_RESOLUTIONS SET_MOTION_RESOLUTIONS <p>Sample code:</p> <pre><xsd:complexType name=" ResolutionsSliderShortParamsListContent "> <xsd:sequence> <xsd:element ref="RESOLUTION_SLIDER_SHORT_PARAMS"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></pre>
RESOLUTIONS_SLIDER_SHORT_PARAMS	<p>New element. Includes a summary of the Resolution Configuration parameters.</p> <p>Used by the element:</p> <p>RESOLUTION_TYPE MINIMAL_RESOLUTION_RATE</p> <p>Sample code:</p> <pre><xsd:element name="RESOLUTION_SLIDER_SHORT_PARAMS" type="ResolutionsSliderShortParamsContent"> </xsd:element></pre>
ResolutionsSliderShortParamsContent	<p>New complexType. Contains the resolution configuration parameters.</p> <p>Used by the element:</p> <p>RESOLUTION_SLIDER_SHORT_PARAMS</p> <p>Sample code:</p> <pre><xsd:complexType name=" ResolutionsSliderShortParamsContent "> <xsd:sequence> <xsd:element ref="RESOLUTION_TYPE"/> <xsd:element ref="MINIMAL_RESOLUTION_RATE"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></pre>

Version 7.0 - Changes to Existing Schemas

Schema common_obj - Additions and Modifications

Table 3 common_obj Schema - Additions and Modifications

Item	Description
MCUStateContent	<p>Modified complexType. Contains MCU status information. A new Card Configuration Mode was added to the element SYSTEM_CARDS_MODE.</p> <p>Used by the element: MCU_STATE</p> <p>Sample code: <xsd:complexType name="MCUStateContent"></p> <pre> <xsd:sequence> <xsd:element ref="ID"/> <xsd:element ref="DESCRIPTION"/> <xsd:element ref="NUM_MEETING_ROOMS" minOccurs="0"/> <!--not supported--> : : <xsd:element ref="NUMBER_OF_ACTIVE_ALARMS"/> <xsd:element ref="NUMBER_OF_CORE_DUMPS"/> <xsd:element ref="MEDIA_RECORDING"/> <xsd:element ref="COLLECTING_INFO"/> <xsd:element ref="PRODUCT_TYPE"/> <xsd:element ref="SYSTEM_CARDS_MODE"/> <xsd:element ref="SSH"/> : <xsd:element ref="SYSTEM_STARTUP_DURATION"/> <xsd:element ref="BACKUP_STATE"/> <xsd:element ref="RESTORE_STATE"/> <xsd:element ref="INSTALL_PHASES_LIST"/> <xsd:any namespace="##other" processContents="skip" minOccurs="0" maxOccurs="unbounded"/> </xsd:sequence> </xsd:complexType> </pre>

Table 3 *common_obj Schema - Additions and Modifications (Continued)*

Item	Description
SYSTEM_CARDS_MODE	<p>Modified element.</p> <p>Indicates the Card Configuration Mode. A new Card Configuration Mode was added.</p> <p>Values are:</p> <ul style="list-style-type: none"> enumeration mpm Only MPM cards are supported. Installed MPM+/MPMx cards are disabled. enumeration mpm_plus Only MPM+ cards are supported. Installed MPM/MPMx cards are disabled. enumeration mpm-x Only MPMx cards are supported. Installed MPM/MPM+ cards are disabled. <p>Used by: LoginResponseContent MCUStateContent</p> <p>Sample code: <pre><xsd:element name="SYSTEM_CARDS_MODE" type="SystemCardsModeType"> </xsd:element></pre> </p>
TRANSFER_RATE	<p>Modified element.</p> <p>The following transfer rates were added:</p> <ul style="list-style-type: none"> Enumeration 192 Enumeration 320 Enumeration 832 Enumeration 1282 Enumeration 1536 Enumeration 1728 Enumeration 2048 Enumeration 2560 Enumeration 3072 Enumeration 3584 Enumeration 8192 (not supported) <p>Sample code: <pre><xsd:element name="TRANSFER_RATE" type="TransferRateType" default="2x64"> </xsd:element></pre> </p>

Table 3 *common_obj Schema - Additions and Modifications (Continued)*

Item	Description
TransferRateType	<p>Modified simpleType</p> <p>New conference line rates were added:</p> <ul style="list-style-type: none"> • Enumeration 192 • Enumeration 320 • Enumeration 832 • Enumeration 1282 • Enumeration 1536 • Enumeration 1728 • Enumeration 2048 • Enumeration 2560 • Enumeration 3072 • Enumeration 3584 • Enumeration 8192 (not supported) <p>Used by the element: TRANSFER_RATE</p> <p>Sample Code:</p> <pre><xsd:simpleType name="TransferRateType"> <xsd:restriction base="xsd:string"> <xsd:enumeration value="192"/> <xsd:enumeration value="320"/> <xsd:enumeration value="832"/> <xsd:enumeration value="1536"/> <xsd:enumeration value="1728"/> <xsd:enumeration value="2048"/> <xsd:enumeration value="2560"/> <xsd:enumeration value="3072"/> <xsd:enumeration value="3584"/> <xsd:enumeration value="8192"/> </xsd:restriction> </xsd:simpleType></pre>

Table 3 common_obj Schema - Additions and Modifications (Continued)

Item	Description
WaitForAssistanceType	<p>Modified simpleType</p> <p>New cause for the participant to wait for the operator's assistance was added:</p> <ul style="list-style-type: none"> enumeration assistance_type_none <p>Used by the element WAIT_FOR_ASSISTANCE</p> <p>Sample code:</p> <pre><xsd:simpleType name="WaitForAssistanceType"> <xsd:restriction base="xsd:string"> <xsd:enumeration value="assistance_type_none"/> <xsd:enumeration value="conf_pwd_fail"/> <xsd:enumeration value="chair_pwd_fail"/> <xsd:enumeration value="req_private"/> <xsd:enumeration value="req_public"/> <xsd:enumeration value="eq_move_fail"/> <xsd:enumeration value="hold_by_oper"/> <xsd:enumeration value="hold_by_ivr"/> <xsd:enumeration value="conf_locked"/> <xsd:enumeration value="conf_secured"/> <xsd:enumeration value="illegal_audio_types"/> <xsd:enumeration value="video_party_to_audio_conf"/> <xsd:enumeration value="attended_wait"/> <xsd:enumeration value="numeric_id_fail"/> </xsd:restriction> </xsd:simpleType></pre>
ICE_SERVER_ROLE	<p>New Element.</p> <p>Indicates the type of the server to which the RMX is connected in ICE environment: STUN Server or Relay Server.</p> <p>Used by complexType: IceServerContent</p> <p>Sample code:</p> <pre><xsd:element name="ICE_SERVER_ROLE" type="IceServerRoleType"/></pre>

Table 3 *common_obj Schema - Additions and Modifications (Continued)*

Item	Description
IceServerRoleType	<p>New SimpleType.</p> <p>Contains the type of the server to which the RMX is connected in ICE environment: STUN Server or Relay Server. Values are:</p> <ul style="list-style-type: none"> enumeration ice_server_role_not_available enumeration ice_server_role_stun_password_server enumeration ice_server_role_stun_server_udp enumeration ice_server_role_stun_server_tcp enumeration ice_server_role_relay_server_udp enumeration ice_server_role_relay_server_tcp <p>Used by the elements:</p> <ul style="list-style-type: none"> ICE_SERVER_ROLE ICE_CONNECTION_TYPE <p>Sample code:</p> <pre><xsd:simpleType name="IceServerRoleType"> <xsd:restriction base="xsd:string"> <xsd:enumeration value="ice_server_role_not_available"> <xsd:enumeration value="ice_server_role_stun_password_server"> <xsd:enumeration value="ice_server_role_stun_server_udp"> <xsd:enumeration value="ice_server_role_stun_server_tcp"> <xsd:enumeration value="ice_server_role_relay_server_udp"> <xsd:enumeration value="ice_server_role_relay_server_tcp"> </xsd:restriction></pre>

Schema common_trans - Additions and Modifications

Table 4 common_trans Schema - Additions and Modifications

Item	Description
ProductType	<p>Modified simple type.</p> <p>A new product type was added to this type: Rmx_1500 (RMX 1500)</p> <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="mgc_100"/> <xsd:enumeration value="mgc_50"/> <xsd:enumeration value="mgc_25"/> <xsd:enumeration value="mgc_25_recorder"/> <xsd:enumeration value="mgc_100_plus"/> <xsd:enumeration value="mgc_50_plus"/> <xsd:enumeration value="mgc_25_plus"/> <xsd:enumeration value="Rmx"/> <!-- before identifying the specific type --> <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"/> </xsd:restriction> </xsd:simpleType> </pre>

Schema common_trans_obj - Additions and Modifications

Table 5 common_trans_obj Schema - Additions and Modifications

Item	Description
AUTO_REDIAL	<p>New element.</p> <p>Indicates whether the <i>Auto Redial</i> feature is enabled or disabled. Possible value:</p> <ul style="list-style-type: none"> true - the <i>Auto Redial</i> feature is enabled false - the <i>Auto Redial</i> feature is disabled <p>Used by:</p> <ul style="list-style-type: none"> ReservationContent SET_AUTO_REDIAL <p>Sample code:</p> <pre><xsd:element name="AUTO_REDIAL" type="xsd:boolean"/></pre>
MESSAGE_OVERLAY	<p>New element.</p> <p>Contains the Message Overlay parameters.</p> <p>Used by complexType: ReservationContent</p> <p>Sample code:</p> <pre><xsd:element name="MESSAGE_OVERLAY" type="MessageOverlayContent"/> </xsd:element></pre>
MESSAGE_TEXT	<p>New element.</p> <p>Contains the Message Overlay text that will be displayed on the screen of the endpoints connected to the conference.</p> <p>Used by complexType: ReservationContent</p> <p>Sample code:</p> <pre><xsd:element name="MESSAGE_TEXT" type="xsd:string"/> </xsd:element></pre>
MESSAGE_FONT_SIZE	<p>New element.</p> <p>Contains the size of the font in which the Message Overlay text will be displayed on the screen of the endpoints connected to the conference.</p> <p>Used by complexType: ReservationContent</p> <p>Sample code:</p> <pre><xsd:element name="MESSAGE_FONT_SIZE" type="MessageFontSizeType" default="medium"/> </xsd:element></pre>

Table 5 *common_trans_obj Schema - Additions and Modifications (Continued)*

Item	Description
MESSAGE_COLOR	<p>New element.</p> <p>Contains the background color of the Message Overlay text that will be displayed on the screen of the endpoints connected to the conference.</p> <p>Default: White text on pale blue background</p> <p>Used by complexType: ReservationContent</p> <p>Sample code:</p> <pre><xsd:element name="MESSAGE_COLOR" type="MessageColorType" default="white_font_on_light_blue_background"/> </xsd:element></pre>
NUM_OF_REPETITIONS	<p>New element.</p> <p>Contains the number of times that the Message Overlay text is to be repeated. Default number of repetitions is 3, range is 1 to 20.</p> <p>Used by complexType: ReservationContent</p> <p>Sample code:</p> <pre><xsd:element name="NUM_OF_REPETITIONS" type="MessageRepetitionsType" default="3"/> </xsd:element></pre>
MESSAGE_DISPLAY_SPEED	<p>New element.</p> <p>Indicates the speed (fast or slow) in which the the Message Overlay text is repeated on screen or if it is static.</p> <p>Default: Slow.</p> <p>Used by complexType: ReservationContent</p> <p>Sample code:</p> <pre><xsd:element name="MESSAGE_DISPLAY_SPEED" type="MessageDisplaySpeedType" default="slow"/> </xsd:element></pre>
MESSAGE_DISPLAY_POSITION	<p>New element.</p> <p>Contains the position for the display of the Message Overlay on the endpoint screen: Top, Middle or Bottom.</p> <p>Default: Bottom.</p> <p>Used by complexType: ReservationContent</p> <p>Sample code:</p> <pre><xsd:element name="MESSAGE_DISPLAY_POSITION" type="MessageDisplayPositionType" default="bottom"/> </xsd:element></pre>

Table 5 *common_trans_obj Schema - Additions and Modifications (Continued)*

Item	Description
MessageFontSizeType	<p>New simpleType. The font size value for the text overlay displayed on the endpoint screen. Possible values are:</p> <ul style="list-style-type: none"> • enumeration small • enumeration medium • enumeration large <p>Used by the element: MESSAGE_FONT_SIZE</p> <p>Sample code:</p> <pre><xsd:simpleType name="MessageFontSizeType"> <xsd:restriction base="xsd:string"> <xsd:enumeration value="small"/> <xsd:enumeration value="medium"/> <xsd:enumeration value="large"/> </xsd:restriction> </xsd:simpleType></pre>

Table 5 *common_trans_obj Schema - Additions and Modifications (Continued)*

Item	Description
MessageColorType	<p>New simpleType.</p> <p>The background color of the Message Overlay text that will be displayed on the screen of the endpoints connected to the conference.</p> <p>Possible values are:</p>  <ul style="list-style-type: none"> enumeration white_font_on_light_blue_background enumeration white_font_on_black_background enumeration white_font_on_gray_background enumeration white_font_on_red_background enumeration white_font_on_orange_background enumeration white_font_on_blue_background enumeration white_font_on_olive_background enumeration white_font_on_green_background enumeration white_font_on_purple_background <p>Used by the element: MESSAGE_COLOR</p> <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="white_font_on_black_background"/> <xsd:enumeration value="white_font_on_gray_background"/> <xsd:enumeration value="white_font_on_red_background"/> <xsd:enumeration value="white_font_on_orange_background"/> <xsd:enumeration value="white_font_on_blue_background"/> <xsd:enumeration value="white_font_on_olive_background"/> <xsd:enumeration value="white_font_on_green_background"/> <xsd:enumeration value="white_font_on_purple_background"/> </xsd:restriction> </xsd:simpleType></pre>

Table 5 *common_trans_obj Schema - Additions and Modifications (Continued)*

Item	Description
MessageDisplaySpeedType	<p>New simpleType. The speed (fast or slow) in which the the Message Overlay text is irepeated on screen or if it is static:</p> <ul style="list-style-type: none"> enumeration Static enumeration Slow enumeration fast <p>Used by the element: MESSAGE_DISPLAY_SPEED</p> <p>Sample code:</p> <pre><xsd:simpleType name="MessageDisplaySpeedType"> <xsd:restriction base="xsd:string"> <xsd:enumeration value="static"/> <xsd:enumeration value="slow"/> <xsd:enumeration value="fast"/> </xsd:restriction> </xsd:simpleType></pre>
MessageRepetitionsType	<p>New simpleType. The number of times that the Message Overlay text is to be repeated. The range is between 1 and 20:</p> <ul style="list-style-type: none"> maxInclusive 20 minInclusive 1 <p>Used by the element: NUM_OF_REPETITION</p> <p>Sample code:</p> <pre><xsd:simpleType name="MessageRepetitionsType"> <xsd:restriction base="xsd:integer"> <xsd:maxInclusive value="20"/> <xsd:minInclusive value="1"/> </xsd:restriction> </xsd:simpleType></pre>
MessageDisplayPositionType	<p>New simpleType. The position of the display of the Message Overlay on the endpoint screen:</p> <ul style="list-style-type: none"> enumeration Top enumeration Middle enumeration bottom <p>Used by the element: MESSAGE_DISPLAY_POSITION</p> <p>Sample code:</p> <pre><xsd:simpleType name="MessageDisplayPositionType"> <xsd:restriction base="xsd:string"> <xsd:enumeration value="top"/> <xsd:enumeration value="middle"/> <xsd:enumeration value="bottom"/> </xsd:restriction> </xsd:simpleType></pre>

Schema obj_av_msg_service - Additions and Modifications

Table 6 obj_av_msg_service Schema - Additions and Modifications

Item	Description
DtmfOpcodeType	<p>Modified simpleType.</p> <p>This type contains the opcode of a DTMF command.</p> <p>The following opcode was added:</p> <ul style="list-style-type: none"> enumeration start_pcm - enables the chairperson to activate the PCM. <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"/> <xsd:enumeration value="public_assistance"/>--> <xsd:enumeration value="mute_me"/> <xsd:enumeration value="unmute_me"/> <!--<xsd:enumeration value="lock_conference"/> <xsd:enumeration value="unlock_conference"/>--> <xsd:enumeration value="increase_my_volume"/> <xsd:enumeration value="decrease_my_volume"/> <xsd:enumeration value="mute_all_xpt_me"/> <xsd:enumeration value="cancel_mute_all_xpt_me"/> : : <xsd:enumeration value="start_resume_recording"/><!-- supported from version 2.0.2--> <xsd:enumeration value="stop_recording"/><!-- supported from version 2.0.2--> <xsd:enumeration value="pause_recording"/><!-- supported from version 2.0.2--> <xsd:enumeration value="playback_menu"/><!--not supported--> <xsd:enumeration value="start_pcm"/> </xsd:restriction> </xsd:simpleType></pre>

Table 6 *obj_av_msg_service Schema - Additions and Modifications (Continued)*

Item	Description
IvrEventType	<p>Modified simple type. This type contains event type. New additions of opcodes:</p> <ul style="list-style-type: none"> enumeration no_video_resources_audio_only An audio message that informs the participant of the lack of Video Resources in the RMX and that he/she is being connected as Audio Only. <p>Used by the element: EVENT_TYPE</p> <p>Sample code:</p> <pre> <xsd:simpleType name="IvrEventType"> <xsd:restriction base="xsd:string"> <xsd:simpleType name="IvrEventType"> <xsd:restriction base="xsd:string"> : : <xsd:enumeration value="dial_tone"/> <xsd:enumeration value="ringing_tone"/> <xsd:enumeration value="participant_is_waiting_for_assistance"/> <xsd:enumeration value="major_alarm"/> <xsd:enumeration value="conference_started"/ > <xsd:enumeration value="dial_in_party_disconnected"/> <xsd:enumeration value="dial_out_party_disconnected"/> <xsd:enumeration value="No_Video_Resources_Audio_Only"/> </xsd:restriction> </xsd:simpleType> </pre>

Schema **obj_dynamic_ip_service** - Additions and Modifications

Table 7 *obj_dynamic_ip_service Schema - Additions and Modifications*

Item	Description
ICE_SERVERS_LIST_INFO	<p>New element.</p> <p>A list of ICE servers, indicating for each ICE server the role, the IP address and the status of its connection to each of the RMX media cards (status 1, status 2, etc). (Two statuses are displayed for RMX 2000 and four statuses are displayed for RMX 4000).</p> <p>Used by complexType: DynamicIPServiceType</p> <p>Sample Code: <xsd:element name="ICE_SERVERS_LIST_INFO" type="IceServersListInfoContent"/></p>
ICE_SERVER	<p>New element.</p> <p>The parameters of a single ICE server, indicating the role, the IP address and the status of the connection of each of the RMX media cards (status 1, status 2, etc) to this server.</p> <p>Used by complexType: IceServersListInfoContent</p> <p>Sample Code: <xsd:element name="ICE_SERVER" type="IceServerContent"/></p>
ICE_SERVER_IP_ADDRESS	<p>New element.</p> <p>The IP address of a specific ICE server.</p> <p>Used by complexType: IceServerContent</p> <p>Sample Code: <xsd:element name="ICE_SERVER_IP_ADDRESS" type="IpAddressType"/></p>
ICE_SERVER_STATUS_1	<p>New element.</p> <p>The status of the connection of the media card installed in slot 1 of the RMX (status 1) to the ICE server.</p> <p>Used by complexType: IceServerContent</p> <p>Sample Code: <xsd:element name="ICE_SERVER_STATUS_1" type="IceServerStatusType"/></p>

Table 7 *obj_dynamic_ip_service Schema - Additions and Modifications (Continued)*

Item	Description
ICE_SERVER_STATUS_2	<p>New element. The status of the connection of the media card installed in slot 2 of the RMX (status 2) to the ICE server.</p> <p>Used by complexType: IceServerContent</p> <p>Sample Code: <xsd:element name="ICE_SERVER_STATUS_2" type="IceServerStatusType"/></p>
ICE_SERVER_STATUS_3	<p>New element. The status of the connection of the media card installed in slot 3 of the RMX 4000 (status 3) to the ICE server.</p> <p>Used by complexType: IceServerContent</p> <p>Sample Code: <xsd:element name="ICE_SERVER_STATUS_3" type="IceServerStatusType"/></p>
ICE_SERVER_STATUS_4	<p>New element. The status of the connection of the media card installed in slot 4 of the RMX 4000 (status 4) to the ICE server.</p> <p>Used by complexType: IceServerContent</p> <p>Sample Code: <xsd:element name="ICE_SERVER_STATUS_4" type="IceServerStatusType"/></p>
ICE_FIREWALL_DETECTION	<p>New element. The type and status of the firewall detection in ICE environment.</p> <p>Used by complexType: DynamicIPServiceType</p> <p>Sample Code: <xsd:element name="ICE_FIREWALL_DETECTION" type="IceFirewallDetectionType"/></p>

Table 7 *obj_dynamic_ip_service Schema - Additions and Modifications (Continued)*

Item	Description
IceServersListInfoContent	<p>New ComplexType.</p> <p>This type contains a list of ICE servers, indicating for each ICE server the role, the IP address and the status of its connection to each of the RMX media cards (status 1, status 2, etc).</p> <p>Used by the element: ICE_SERVERS_LIST_INFO</p> <p>Sample Code:</p> <pre><xsd:complexType name="IceServersListInfoContent"> <xsd:sequence> <xsd:element ref="ICE_SERVER" minOccurs="0" maxOccurs="unbounded"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></pre>
IceServerContent	<p>New ComplexType.</p> <p>Contains the parameters of a single ICE server, indicating the role, the IP address and the status of the connection of each of the RMX media cards (status 1, status 2, etc) to this server. Includes reference of the following elements:</p> <p>ICE_SERVER_ROLE ICE_SERVER_IP_ADDRESS ICE_SERVER_STATUS_1 ICE_SERVER_STATUS_2 ICE_SERVER_STATUS_3 ICE_SERVER_STATUS_4</p> <p>Used by the element: ICE_SERVER</p> <p>Sample Code:</p> <pre><xsd:complexType name="IceServerContent"> <xsd:sequence> <xsd:element ref="ICE_SERVER_ROLE"/> <xsd:element ref="ICE_SERVER_IP_ADDRESS"/> <xsd:element ref="ICE_SERVER_STATUS_1"/> <xsd:element ref="ICE_SERVER_STATUS_2"/> <xsd:element ref="ICE_SERVER_STATUS_3"/> <xsd:element ref="ICE_SERVER_STATUS_4"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></pre>

Table 7 *obj_dynamic_ip_service Schema - Additions and Modifications (Continued)*

Item	Description
IceServerStatusType	<p>New simpleType. Contains the status of the RMX connection to the ICE Server. Values are:</p> <ul style="list-style-type: none"> • enumeration ice_server_status_not_available • enumeration ice_server_status_connection_ok • enumeration ice_server_status_connection_failed • enumeration ice_server_status_stun_user_password_failed • enumeration ice_server_status_stun_password_connection_failure • enumeration ice_turn_server_dns_resolve_failure • enumeration ice_turn_server_unreachable • enumeration ice_turn_server_authorization_failure • enumeration ice_server_status_unknown_failure <p>Used by the elements:</p> <ul style="list-style-type: none"> • ICE_SERVER_STATUS_1 • ICE_SERVER_STATUS_2 • ICE_SERVER_STATUS_3 • ICE_SERVER_STATUS_4 <p>Sample code:</p> <pre><xsd:simpleType name="IceServerStatusType"> <xsd:restriction base="xsd:string"> <xsd:enumeration value="ice_server_status_not_available"/> <xsd:enumeration value="ice_server_status_connection_ok"/> <xsd:enumeration value="ice_server_status_connection_failed"/> <xsd:enumeration value="ice_server_status_stun_user_password_failed"/> <xsd:enumeration value="ice_server_status_stun_password_connection_failure"/> <xsd:enumeration value="ice_turn_server_dns_resolve_failure"/> <xsd:enumeration value="ice_turn_server_unreachable"/> <xsd:enumeration value="ice_turn_server_authorization_failure"/> <xsd:enumeration value="ice_server_status_unknown_failure"/> </xsd:restriction> </xsd:simpleType></pre>

Table 7 *obj_dynamic_ip_service Schema - Additions and Modifications (Continued)*

Item	Description
IceFirewallDetectionType	<p>New simpleType. Contains the type and status of the firewall detection in ICE environment. Values are:</p> <ul style="list-style-type: none"> • enumeration ice_firewall_detection_unknown • enumeration ice_firewall_detection_udp_enabled • enumeration ice_firewall_detection_tcp_enabled • enumeration ice_firewall_detection_tcp_proxy • enumeration ice_firewall_detection_block • enumeration ice_firewall_detection_none <p>Used by the element:ICE_FIREWALL_DETECTION</p> <p>Sample Code:</p> <pre><xsd:simpleType name="IceFirewallDetectionType"> <xsd:restriction base="xsd:string"> <xsd:enumeration value="ice_firewall_detection_unknown"/> <xsd:enumeration value="ice_firewall_detection_udp_enabled"/> <xsd:enumeration value="ice_firewall_detection_tcp_enabled"/> <xsd:enumeration value="ice_firewall_detection_tcp_proxy"/> <xsd:enumeration value="ice_firewall_detection_block"/> <xsd:enumeration value="ice_firewall_detection_none"/> </xsd:restriction> </xsd:simpleType></pre>

Table 7 *obj_dynamic_ip_service Schema - Additions and Modifications (Continued)*

Item	Description
DynamicIPServiceType	<p>Modified complexType.</p> <p>This type contains the parameters of the IP Network Service. Reference to the following elements was added:</p> <ul style="list-style-type: none"> • ICE_SERVERS_LIST_INFO • ICE_FIREWALL_DETECTION <p>Used by the element: DYNAMIC_IP_SERVICE</p> <p>Sample code:</p> <pre><xsd:complexType name="DynamicIPServiceType"> <xsd:sequence> <xsd:element ref="NAME"/> <xsd:element ref="ID"/> <xsd:element ref="STATUS"/> <xsd:element ref="SPAN_IP_SERVICE_INFO"/> <xsd:element ref="GK_INFO"/> <xsd:element ref="CENTRAL_SIGNALING_IP_SERVICE_INFO"/> <xsd:element ref="CENTRAL_SIGNALING_GK_INFO"/> <xsd:element ref="SIP_SERVER_LIST_INFO"/> <xsd:element ref="DNS_INFO"/> <xsd:element ref="ICE_SERVERS_LIST_INFO"/> <xsd:element ref="ICE_FIREWALL_DETECTION"/> </xsd:sequence> </xsd:complexType></pre>

Schema obj_ip_service - Additions and Modifications

Table 8 *obj_ip_service Schema - Additions and Modifications*

Item	Description
SIP_ADVANCED	<p>New Element.</p> <p>Contains the ICE environment parameters: RMX user name and environment setting.</p> <p>Used by the Group: IP_DETAILS</p> <p>Sample Code:</p> <pre><xsd:element name="SIP_ADVANCED" type="SipAdvancedContent"/></pre>

Table 8 *obj_ip_service Schema - Additions and Modifications (Continued)*

Item	Description
SIP_ADVANCED_USER_NAME	<p>New Element. Contains the RMX User name as defined in the Active Directory. For example, rmx1234567890.</p> <p>Used by the complexType: SipAdvancedContent</p> <p>Sample Code: <xsd:element name="SIP_ADVANCED_USER_NAME" type="xsd:string"/></p>
ICE_ENVIRONMENT	<p>New Element. Contains the type of ICE environment (none or Microsoft).</p> <p>Used by the complexType: SipAdvancedContent</p> <p>Sample Code: <xsd:element name="ICE_ENVIRONMENT" type="IceEnvironmentType"/></p>
ICE_STANDARD_PARAMS	<p>New Element. Contains the parameters of the STUN and the Relay servers.</p> <p>Used by the complexType: SipAdvancedContent</p> <p>Sample Code: <xsd:element name="ICE_STANDARD_PARAMS" type="IceStandardContent"/></p>
STUN_PASSWORD_SERVER_IP	<p>New Element. Contains the IP address of the STUN server.</p> <p>Used by the complexType: IceStandardContent</p> <p>Sample Code: <xsd:element name="STUN_PASSWORD_SERVER_IP" type="IpAddressType"/></p>
STUN_PASSWORD_SERVER_PORT	<p>New Element. Contains the STUN server port number.</p> <p>Used by the complexType: IceStandardContent</p> <p>Sample Code: <xsd:element name="STUN_PASSWORD_SERVER_PORT" type="xsd:integer"/></p>

Table 8 *obj_ip_service Schema - Additions and Modifications (Continued)*

Item	Description
STUN_PASSWORD_SERVER_USER_NAME	<p>New Element. Contains the user name of the STUN server.</p> <p>Used by the complexType: IceStandardContent</p> <p>Sample Code: <xsd:element name="STUN_PASSWORD_SERVER_USER_NAME" type="xsd:string"/></p>
STUN_PASSWORD_SERVER_PASSWORD	<p>New Element. Contains the password of the STUN server.</p> <p>Used by the complexType: IceStandardContent</p> <p>Sample Code: <xsd:element name="STUN_PASSWORD_SERVER_PASSWORD" type="xsd:string"/></p>
STUN_PASSWORD_SERVER_REALIM	<p>New Element. Contains the realm of the STUN server.</p> <p>Used by the complexType: IceStandardContent</p> <p>Sample Code: <xsd:element name="STUN_PASSWORD_SERVER_REALIM" type="xsd:string"/></p>
STUN_SERVER_UDP_IP	<p>New Element. Contains the UDP IP address of the STUN server.</p> <p>Used by the complexType: IceStandardContent</p> <p>Sample Code: <xsd:element name="STUN_SERVER_UDP_IP" type="IpAddressType"/></p>
STUN_SERVER_UDP_PORT	<p>New Element. Contains the UDP port number of the STUN server.</p> <p>Used by the complexType: IceStandardContent</p> <p>Sample Code: <xsd:element name="STUN_SERVER_UDP_PORT" type="xsd:integer"/></p>

Table 8 *obj_ip_service Schema - Additions and Modifications (Continued)*

Item	Description
STUN_SERVER_TCP_IP	<p>New Element. Contains the TCP IP address of the STUN server.</p> <p>Used by the complexType: IceStandardContent</p> <p>Sample Code: <xsd:element name="STUN_SERVER_TCP_IP" type="IpAddressType"/></p>
STUN_SERVER_TCP_PORT	<p>New Element. Contains the TCP port number of the STUN server.</p> <p>Used by the complexType: IceStandardContent</p> <p>Sample Code: <xsd:element name="STUN_SERVER_TCP_PORT" type="xsd:integer"/></p>
RELAY_SERVER_UDP_IP	<p>New Element. Contains the UDP IP address of the Relay server.</p> <p>Used by the complexType: IceStandardContent</p> <p>Sample Code: <xsd:element name="RELAY_SERVER_UDP_IP" type="IpAddressType"/></p>
RELAY_SERVER_UDP_PORT	<p>New Element. Contains the UDP port number of the Relay server.</p> <p>Used by the complexType: IceStandardContent</p> <p>Sample Code: <xsd:element name="RELAY_SERVER_UDP_PORT" type="xsd:integer"/></p>
RELAY_SERVER_TCP_IP	<p>New Element. Contains the TCP IP address of the Relay server.</p> <p>Used by the complexType: IceStandardContent</p> <p>Sample Code: <xsd:element name="RELAY_SERVER_TCP_IP" type="IpAddressType"/></p>
RELAY_SERVER_TCP_PORT	<p>New Element. Contains the TCP port number of the Relay server.</p> <p>Used by the complexType: IceStandardContent</p> <p>Sample Code: <xsd:element name="RELAY_SERVER_TCP_PORT" type="xsd:integer"/></p>

Table 8 *obj_ip_service Schema - Additions and Modifications (Continued)*

Item	Description
IP_DETAILS	<p>Modified complexType. This type contains the parameters of a dynamic IP service. Reference to the following element was added:</p> <ul style="list-style-type: none"> SIP_ADVANCED. <p>Used by the element: 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="DEFAULT_ROUTER" minOccurs="0"/> <xsd:element ref="ROUTER_LIST" minOccurs="0"/> <xsd:element ref="DHCP_SERVER" minOccurs="0"/> <xsd:element ref="GATEKEEPER_TYPE" minOccurs="0"/> : : <xsd:element ref="IP_SERVICE_TYPE" minOccurs="0"/> <xsd:element ref="IS_REGISTER_AS_GATEWAY" minOccurs="0"/> <xsd:element ref="VLAN" minOccurs="0"/> <xsd:element ref="PORT_SPEED_LIST" minOccurs="0"/> <xsd:element ref="IS_SECURED" minOccurs="0"/> <xsd:element ref="IP_TYPE" minOccurs="0"/> <xsd:element ref="IP_V6_CONFIGURATION_TYPE" minOccurs="0"/> <xsd:element ref="DEFAULT_ROUTER_IP_V6" minOccurs="0"/> <xsd:element ref="SIP_ADVANCED" minOccurs="0"/> </xsd:sequence> </xsd:group> </pre>

Table 8 *obj_ip_service Schema - Additions and Modifications (Continued)*

Item	Description
SipAdvancedContent	<p>New complexType. Containf the parameters of the ICE environment. Includes reference to the elements:</p> <ul style="list-style-type: none"> • SIP_ADVANCED_USER_NAME • ICE_ENVIRONMENT • ICE_STANDARD_PARAMS <p>Used by the element: SIP_ADVANCED</p> <p>Sample code:</p> <pre><xsd:complexType name="SipAdvancedContent"> <xsd:sequence> <xsd:element ref="SIP_ADVANCED_USER_NAME" minOccurs="0"/> <xsd:element ref="ICE_ENVIRONMENT" minOccurs="0"/> <xsd:element ref="ICE_STANDARD_PARAMS" minOccurs="0"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></pre>
IceEnvironmentType	<p>New simpleType. Contains the type of ICE environment:</p> <ul style="list-style-type: none"> • enumeration iceEnvironment_none - ICE environment is disabled • enumeration iceEnvironment_ms - Microsoft ICE implementation is implemented in the RMX ICE environment. • enumeration iceEnvironment_standard - currently not supported. <p>Used by the element: ICE_ENVIRONMENT</p> <p>Sample Code:</p> <pre><xsd:simpleType name="IceEnvironmentType"> <xsd:restriction base="xsd:string"> <xsd:enumeration value="iceEnvironment_none"/> <xsd:enumeration value="iceEnvironment_ms"/> <xsd:enumeration value="iceEnvironment_standard"/> > </xsd:restriction> </xsd:simpleType></pre>

Table 8 *obj_ip_service Schema - Additions and Modifications (Continued)*

Item	Description
IceStandardContent	<p>New complexType. Contains the properties of ICE environment components the STUN and the Relay servers. Contains information of the following elements:</p> <ul style="list-style-type: none"> • STUN_PASSWORD_SERVER_IP • STUN_PASSWORD_SERVER_PORT • STUN_PASSWORD_SERVER_USER_NAME • STUN_PASSWORD_SERVER_PASSWORD • STUN_PASSWORD_SERVER_REALIM • STUN_SERVER_UDP_IP • STUN_SERVER_UDP_PORT • STUN_SERVER_TCP_IP • STUN_SERVER_TCP_PORT • RELAY_SERVER_UDP_IP • RELAY_SERVER_UDP_PORT • RELAY_SERVER_TCP_IP • RELAY_SERVER_TCP_PORT <p>Used by the element: ICE_STANDARD_PARAMS</p> <p>Sample code:</p> <pre><xsd:complexType name="IceStandardContent"> <xsd:sequence> <xsd:element ref="STUN_PASSWORD_SERVER_IP" minOccurs="0"/> <xsd:element ref="STUN_PASSWORD_SERVER_PORT" minOccurs="0"/> <xsd:element ref="STUN_PASSWORD_SERVER_USER_NAME" minOccurs="0"/> <xsd:element ref="STUN_PASSWORD_SERVER_PASSWORD" minOccurs="0"/> <xsd:element ref="STUN_PASSWORD_SERVER_REALIM" minOccurs="0"/> <xsd:element ref="STUN_SERVER_UDP_IP" minOccurs="0"/> <xsd:element ref="STUN_SERVER_UDP_PORT" minOccurs="0"/> <xsd:element ref="STUN_SERVER_TCP_IP" minOccurs="0"/> <xsd:element ref="STUN_SERVER_TCP_PORT" minOccurs="0"/> <xsd:element ref="RELAY_SERVER_UDP_IP" minOccurs="0"/> <xsd:element ref="RELAY_SERVER_UDP_PORT" minOccurs="0"/> <xsd:element ref="RELAY_SERVER_TCP_IP" minOccurs="0"/> </xsd:sequence> </xsd:complexType></pre>

Table 8 *obj_ip_service Schema - Additions and Modifications (Continued)*

Item	Description
IceStandardContent (continued)	<pre><xsd:element ref="RELAY_SERVER_TCP_PORT" minOccurs="0"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></pre>

Schema obj_ongoing_party - Additions and Modifications

Table 9 *obj_ongoing_party Schema - Additions and Modifications*

Item	Description
IS_EXCLUSIVE_CONTENT	<p>New element.</p> <p>Depending on the used element, either sets the participant as the holder of the Content token (ADD and UPDATE) or retrieves the status of the participant as the Content Token holder (GET).</p> <p>For ADD and UPDATE values are:</p> <ul style="list-style-type: none"> true - The participant is the holder of the Content Token and is the only one that can send Content. false - The participant is not the holder of the Content Token and cannot send Content. <p>For GET values are:</p> <ul style="list-style-type: none"> true - The participant is the holder of the Content Token. false - The participant is not the holder of the Content Token. <p>Used by the complexType: OngoingPartyContent</p> <p>Sample Code:</p> <pre><xsd:element name=" IS_EXCLUSIVE_CONTENT " type="xsd:boolean"> </xsd:element></pre>
REMOVE_EXCLUSIVE_CONTENT	<p>New element.</p> <p>Response to the request to withdraw the Content Token ownership from a specific endpoint.</p> <p>Used by the Group: ACTIONS</p> <p>Sample Code:</p> <pre><xsd:element name=" REMOVE_EXCLUSIVE_CONTENT "/></pre>

Table 9 *obj_ongoing_party Schema - Additions and Modifications (Continued)*

Item	Description
CAP_CODE	<p>Modified element.</p> <p>New values, indicating the audio algorithm that is used by the participant's endpoint were added:</p> <ul style="list-style-type: none"> • g7221C • siren14S_48k • siren14S_56k • siren14S_64k • siren14S_96k • siren22S_128k • siren22S_96k • siren22S_64k • siren22_64k • siren22_48k • siren22_32k • g719_64k • g719_48k • g719_32k • g719Stereo_128k • g719Stereo_96k • g719Stereo_64k <p>Used by complexType: SecondaryCauseParamsContent</p> <p>Sample code: <code><xsd:element name="CAP_CODE" type="CapCodeType"></code> <code></xsd:element></code></p>
ICE_PARTY_ADDRESS	<p>New element.</p> <p>Contains the IP address of the participant in the ICE environment. It can be the local IP address or the IP address assigned by the ICE server (Relay/STUN server).</p> <p>Used by the complexType: BasicContent</p> <p>Sample code: <code><xsd:element name="ICE_PARTY_ADDRESS" type="IpAddressType"/></code></p>
ICE_PARTY_PORT	<p>New element.</p> <p>Contains the port number of the participant used for connection to the ICE servers in the ICE environment.</p> <p>Used by the complexType: BasicContent</p> <p>Sample code: <code><xsd:element name="ICE_PARTY_PORT" type="xsd:integer"/></code></p>

Table 9 *obj_ongoing_party Schema - Additions and Modifications (Continued)*

Item	Description
ICE_MCU_ADDRESS	<p>New element.</p> <p>Contains the IP address of the RMX in the ICE environment. It can be the local IP address or the IP address assigned by the ICE server (Relay/STUN server).</p> <p>Used by the complexType: BasicContent</p> <p>Sample code: <code><xsd:element name="ICE_MCU_ADDRESS" type="IpAddressType"/></code></p>
ICE_MCU_PORT	<p>New element.</p> <p>Contains the port number of the RMX used for connection to the ICE servers in the ICE environment.</p> <p>Used by the complexType: BasicContent</p> <p>Sample code: <code><xsd:element name="ICE_MCU_PORT" type="xsd:integer"/></code></p>
ICE_CONNECTION_TYPE	<p>New element.</p> <p>Contains the RMX connection type to the ICE servers in the ICE environment.</p> <p>Used by the complexType: BasicContent</p> <p>Sample code: <code><xsd:element name="ICE_CONNECTION_TYPE" type="IceConnectionType"/></code></p>

Table 9 *obj_ongoing_party Schema - Additions and Modifications (Continued)*

Item	Description
IceConnectionType	<p>New simpleType.</p> <p>Indicates the type of connection between the RMX and the participant in the ICE environment. Values are:</p> <ul style="list-style-type: none"> enumeration none - no ICE connection. enumeration host - (Local). The endpoint (Remote) is on the same network as the RMX and the media connection is direct, using local addresses. enumeration relay - Media between the RMX and the participant passes through a media relay server. enumeration firewall - Media connection between the RMX and the participant is done using their external IP addresses (the IP addresses as seen outside of the local network). <p>Used by the element: ICE_CONNECTION_TYPE.</p> <p>Sample code:</p> <pre><xsd:simpleType name="IceConnectionType"> <xsd:restriction base="xsd:string"> <xsd:enumeration value="none"/> <xsd:enumeration value="host"/> <xsd:enumeration value="relay"/> <xsd:enumeration value="firewall"/> </xsd:restriction> </xsd:simpleType></pre>

Table 9 *obj_ongoing_party Schema - Additions and Modifications (Continued)*

Item	Description
BasicContent	<p>Modified complexType. Contains the basic parameters of an ongoing participant. Reference to new elements:</p> <ul style="list-style-type: none"> • ICE_PARTY_ADDRESS • ICE_PARTY_PORT • ICE_MCU_ADDRESS • ICE_MCU_PORT • ICE_CONNECTION_TYPE <p>Used by the element: BASIC_PARAM</p> <p>Sample code:</p> <pre> <xsd:complexType name="BasicContent"> <xsd:sequence> <xsd:element ref="MAP_PROBLEM"/> <xsd:element ref="BIT_RATE"/> <xsd:element ref="PROTOCOL"/> <xsd:element ref="CHANNEL_INDEX"/> <xsd:element ref="CHANNEL_TYPE"/> <xsd:element ref="PARTY_ADDRESS" minOccurs="0"/> <xsd:element ref="MCU_ADDRESS" minOccurs="0"/> <xsd:element ref="PARTY_PORT"/> <xsd:element ref="MCU_PORT"/> <xsd:element ref="CONNECTION_STATUS"/> <xsd:element ref="PARTY_IPV6_ADDRESS" minOccurs="0"/> <xsd:element ref="MCU_IPV6_ADDRESS" minOccurs="0"/> <xsd:element ref="ICE_PARTY_ADDRESS" minOccurs="0"/> <xsd:element ref="ICE_MCU_ADDRESS" minOccurs="0"/> <xsd:element ref="ICE_PARTY_PORT"/> <xsd:element ref="ICE_MCU_PORT"/> <xsd:element ref="ICE_CONNECTION_TYPE"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType> </pre>

Schema **obj_party** - Additions and Modifications

Table 10 *obj_party* Schema - Additions and Modifications

Item	Description
VIDEO_DIRECTION	<p>New element.</p> <p>Defines whether to view the video sent from the participant to the conference or the video sent from the conference to the participant. Default direction is in.</p> <p>Used by the element: GET</p> <p>Sample Code:</p> <pre><xsd:element name="VIDEO_DIRECTION" type="VideoDirectionType" default="in"/> </xsd:element></pre>
VideoDirectionType	<p>New simpleType.</p> <p>Holds the direction of the video stream to be previewed: the video sent from the participant to the conference or the video sent from the conference to the participant. Enumeration values are:</p> <ul style="list-style-type: none"> in - video sent from the participant to the MCU. out - video sent from the MCU to the participant. <p>Used by the element: VIDEO_DIRECTION</p> <p>Sample Code:</p> <pre><xsd:simpleType name="VideoDirectionType"> <xsd:restriction base="xsd:string"> <xsd:enumeration value="in"/> <xsd:enumeration value="out"/> </xsd:restriction> </xsd:simpleType></pre>
INTRA_DIRECTION	<p>New element.</p> <p>Defines whether to send an INTRA request to refresh the video preview that is sent from the participant to the conference or the video sent from the conference to the participant. Default direction is in.</p> <p>Used by the element: GET</p> <p>Sample Code:</p> <pre><xsd:element name="INTRA_DIRECTION" type="IntraType" default="in"/> </xsd:element></pre>

Table 10 *obj_party Schema - Additions and Modifications (Continued)*

Item	Description
IntraType	<p>New simpleType. Holds the direction of the INTRA request to refresh the video preview sent to/from the MCU. Enumeration values are:</p> <ul style="list-style-type: none"> in - intra request for video sent from the participant to the MCU. out - intra request sent from the MCU to the participant. <p>Used by the element: INTRA_DIRECTION</p> <p>Sample Code:</p> <pre><xsd:simpleType name="IntraType"> <xsd:restriction base="xsd:string"> <xsd:enumeration value="in"/> <xsd:enumeration value="out"/> </xsd:restriction> </xsd:simpleType></pre>
VIDEO_PORT	<p>New Element. Defines the workstation port number to which the video preview stream will be sent.</p> <p>Used by the complexType PartyContent</p> <p>Sample code:</p> <pre><xsd:element name="VIDEO_PORT" type="xsd:integer"/> > </xsd:element></pre>
AUDIO_PORT	<p>New Element. Defines the workstation port number to which the audio stream of the preview will be sent.</p> <p>Used by the complexType PartyContent</p> <p>Sample code:</p> <pre><xsd:element name="AUDIO_PORT" type="xsd:integer"/> > </xsd:element></pre>

Table 10 *obj_party Schema - Additions and Modifications (Continued)*

Item	Description
MAX_RESOLUTION	<p>New element.</p> <p>Indicates the maximum resolution set for the participant.</p> <p>Possible values are:</p> <ul style="list-style-type: none"> • auto - The Maximum Resolution remains as selected for the conference. • cif - CIF resolution • sd - SD resolution • hd_720 - HD720p resolution • hd_1080 - HD1080p resolution <p>Used by complexType PartyContent ReservationContent</p> <p>Sample code:</p> <pre><xsd:element name=" MAX_RESOLUTION " type="ConfPartyResolutionType"> </xsd:element></pre>
ConfPartyResolutionType	<p>New simpleType.</p> <p>This type contains the video resolution parameter.</p> <p>Values are:</p> <ul style="list-style-type: none"> • enumeration auto • enumeration cif • enumeration sd • enumeration hd_720 • enumeration hd_1080 <p>Used by the element: MAX_RESOLUTION</p> <p>Sample code:</p> <pre><xsd:simpleType name="ConfPartyResolutionType"> <xsd:restriction base="xsd:string"> <xsd:enumeration value="auto"/> <xsd:enumeration value="cif"/> <xsd:enumeration value="sd"/> <xsd:enumeration value="hd_720"/> <xsd:enumeration value="hd_1080"/> </xsd:restriction> </xsd:simpleType></pre>

Table 10 *obj_party Schema - Additions and Modifications (Continued)*

Item	Description
PartyContent	<p>Modified complexType. Added reference to the element: MAX_RESOLUTION</p> <p>Used by the element: PARTY</p> <p>Sample Code:</p> <pre> <xsd:complexType name="PartyContent"> <xsd:sequence> <xsd:element ref="NAME" minOccurs="0"/> <xsd:element ref="ID" minOccurs="0"/> <xsd:element ref="PHONE_LIST" minOccurs="0"/> <!--supported from version 2.0--> <xsd:element ref="INTERFACE" minOccurs="0"/> <xsd:element ref="CONNECTION" minOccurs="0"/> : : : <xsd:element ref="USER_IDENTIFIER_STRING" minOccurs="0"/> <!--not supported--> <xsd:element ref="IDENTIFICATION_METHOD" minOccurs="0"/> <xsd:element ref="CASCADE" minOccurs="0"/> <xsd:element ref="TELEPRESENCE_MODE" minOccurs="0"/> <xsd:element ref="IP_V6" minOccurs="0"/> <xsd:element ref="MAX_RESOLUTION" minOccurs="0"/> <xsd:any namespace="##other" processContents="skip" minOccurs="0" maxOccurs="unbounded"/> </xsd:sequence> </xsd:complexType> </pre>

Schema **obj_res_summary_list** - Additions and Modifications

Table 11 *obj_res_summary_list Schema - Additions and Modifications*

Item	Description
ProfileSummaryContent	<p>Modified complexType. A new parameter is added to the conference Profile information (HD).</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"/> <xsd:element ref="MEET_ME_PHONE" minOccurs="0"/> <!--supported from version 2.0--> <xsd:element ref="OPERATOR_CONF" minOccurs="0"/> <!--not supported--> <xsd:element ref="AUDIO_CONF" minOccurs="0"/> <!--not supported--> <xsd:element ref="ENTRY_QUEUE" minOccurs="0"/> <xsd:element ref="ENTRY_PASSWORD" minOccurs="0"/> <xsd:element ref="PASSWORD" minOccurs="0"/> : : <xsd:element ref="ENCRYPTION" minOccurs="0"/> <xsd:element ref="SIP_FACTORY" minOccurs="0"/> <xsd:element ref="TRANSFER_RATE" minOccurs="0"/> > <xsd:element ref="AD_HOC_PROFILE_ID" minOccurs="0"/> <xsd:element ref="LAYOUT" minOccurs="0"/> <xsd:element ref="AUTO_LAYOUT" minOccurs="0"/> <xsd:element ref="DISPLAY_NAME" minOccurs="0"/> <xsd:element ref="IS_TELEPRESENCE_MODE" minOccurs="0"/> <xsd:element ref="GATEWAY" minOccurs="0"/> <xsd:element ref="HD" minOccurs="0"/> <xsd:any namespace="##other" processContents="skip" minOccurs="0" maxOccurs="unbounded"/> </xsd:sequence> </xsd:complexType></pre>

Table 11 *obj_res_summary_list Schema - Additions and Modifications (Continued)*

Item	Description
MeetingRoomSummaryContent	<p>Modified complexType.</p> <p>Contains summary of the Meeting Room parameters. Includes reference to the new element:</p> <ul style="list-style-type: none"> RES_STATUS <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="MEET_ME_PHONE" minOccurs="0" /><!--supported from version 2.0--> <xsd:element ref="MR_STATE" minOccurs="0" /> <xsd:element ref="OPERATOR_CONF" minOccurs="0" /><!--supported from version 4.1--> <xsd:element ref="ENTRY_QUEUE" minOccurs="0" / > <xsd:element ref="ENTRY_PASSWORD" minOccurs="0" /> <xsd:element ref="PASSWORD" minOccurs="0" /> <xsd:element ref="NUMERIC_ID" minOccurs="0" /> <xsd:element ref="NUM_PARTIES" minOccurs="0" /> <xsd:element ref="NUM_UNDEFINED_PARTIES" minOccurs="0"/> <xsd:element ref="DIAL_IN_H323_SRV_PREFIX_LIST" minOccurs="0"/> <xsd:element ref="ENCRYPTION" minOccurs="0"/> <xsd:element ref="SIP_FACTORY" minOccurs="0"/> <xsd:element ref="AD_HOC_PROFILE_ID" minOccurs="0" /> <xsd:element ref="DISPLAY_NAME" minOccurs="0"/ > <xsd:element ref="IS_TELEPRESENCE_MODE" minOccurs="0"/> <xsd:element ref="GATEWAY" minOccurs="0"/> <xsd:element ref="TELEPRESENCE_MODE_CONFIGURATION" minOccurs="0"/> <xsd:element ref="TELEPRESENCE_LAYOUT_MODE" minOccurs="0"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType> </pre>

Table 11 *obj_res_summary_list Schema - Additions and Modifications (Continued)*

Item	Description
ConferenceTemplateSummaryContent	<p>Modified complexType. Contains summary of the conference Template's parameters. Includes reference to the new element:</p> <ul style="list-style-type: none"> RES_STATUS <p>Used by the element: CONFERENCE_TEMPLATE_SUMMARY</p> <p>Sample code:</p> <pre><xsd:complexType name="ConferenceTemplateSummaryContent"> <xsd:sequence> <xsd:element ref="DISPLAY_NAME" minOccurs="0"/> > <xsd:element ref="ID"/> <xsd:element ref="RES_CHANGE"/> <xsd:element ref="OPERATOR_CONF" minOccurs="0" /> <xsd:element ref="RES_STATUS" minOccurs="0"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></pre>

Table 11 *obj_res_summary_list Schema - Additions and Modifications (Continued)*

Item	Description
ProfileSummaryContent	<p>Modified complexType. Contains summary of the Profile parameters. Includes reference to the new element:</p> <ul style="list-style-type: none"> RES_STATUS <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="MEET_ME_PHONE" minOccurs="0" /> <!--supported from version 2.0--> <xsd:element ref="OPERATOR_CONF" minOccurs="0" /> <!--supported from version 4.1--> <xsd:element ref="ENTRY_QUEUE" minOccurs="0" / > <xsd:element ref="ENCRYPTION" minOccurs="0"/> <xsd:element ref="TRANSFER_RATE" minOccurs="0" /> <xsd:element ref="LAYOUT" minOccurs="0" /> <xsd:element ref="AUTO_LAYOUT" minOccurs="0"/> <xsd:element ref="DISPLAY_NAME" minOccurs="0"/ > <xsd:element ref="IS_TELEPRESENCE_MODE" minOccurs="0"/> <xsd:element ref="GATEWAY" minOccurs="0"/> <xsd:element ref="HD" minOccurs="0"/> <xsd:element ref="TELEPRESENCE_MODE_CONFIGURATION" minOccurs="0"/> <xsd:element ref="TELEPRESENCE_LAYOUT_MODE" minOccurs="0"/> <xsd:element ref="RES_STATUS" minOccurs="0"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType> </pre>

Table 11 *obj_res_summary_list Schema - Additions and Modifications (Continued)*

Item	Description
ReservationStatusContent	<p>Modified simpleType. Contains the status of a reservation, Conference Template, Profile, or Meeting Room. Values are:</p> <ul style="list-style-type: none"> • enumeration ok • enumeration expired • enumeration suspended - the reservation contains a an invalid parameter (for example, an ISDN number that does not exist in the ISDN Network Service range); such a reservation will not start on time. • enumeration passwords_conflict • enumeration wrong_system_mode - the reservation conferencing mode does not match the MCU conferencing mode (for example, the conference is set to Event Mode and the system is in CP mode). Not applicable to Version 7.0. <p>.</p> <p>Used by the element: RES_STATUS</p> <p>Sample Code:</p> <pre><xsd:simpleType name="ReservationStatusContent"> <xsd:restriction base="xsd:string"> <xsd:enumeration value="ok"/> <xsd:enumeration value="expired"/> <xsd:enumeration value="suspended"/> <xsd:enumeration value="passwords_conflict"/> <xsd:enumeration value="wrong_system_mode"/> </xsd:restriction> </xsd:simpleType></pre>

Schema obj_reservation - Additions and Modifications

Table 12 *obj_reservation Schema - Additions and Modifications*

Item	Description
PERMANENT	<p>New element. Indicates whether the Permanent conference is enabled or disabled for the conference according to the conference end time. 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>Used by the complexType: ReservationContent</p> <p>Sample Code:</p> <pre><xsd:element name=" PERMANENT " type="xsd:boolean"> </xsd:element></pre>

Table 12 *obj_reservation Schema - Additions and Modifications (Continued)*

Item	Description
AUTO_BRIGHTNESS	<p>New element.</p> <p>Indicates whether the Auto Brightness option is enabled for the conference. When enabled, Auto Brightness detects and automatically adjusts the brightness of video windows that are dimmer than other video windows in the conference layout.</p> <p>Values are:</p> <ul style="list-style-type: none"> true - Auto Brightness is enabled for the conference false - Auto Brightness is disabled for the conference <p>Used by the complexType: ReservationContent</p> <p>Sample code:</p> <pre><xsd:element name=" AUTO_BRIGHTNESS " type="xsd:boolean" default="true"> </xsd:element></pre>
AUDIO_CLARITY	<p>New element.</p> <p>Indicates whether the Audio Clarity option is enabled for the conference. When enabled, Audio Clarity improves received audio from participants connected via low audio bandwidth connections, by stretching the fidelity of the narrowband telephone connection to improve call clarity..</p> <p>Values are:</p> <ul style="list-style-type: none"> true - Audio Clarity is enabled for the conference false - Audio Clarity is disabled for the conference <p>Used by the complexType: ReservationContent</p> <p>Sample code:</p> <pre><xsd:element name=" AUDIO_CLARITY " type="xsd:boolean" default="true"> </xsd:element></pre>
MAX_RESOLUTION	<p>New element.</p> <p>Indicates the maximum resolution set for the conference. Possible values are:</p> <ul style="list-style-type: none"> auto - The Maximum Resolution remains as selected for the MCU in the Resolution Configuration dialog box. cif - CIF resolution sd - SD resolution hd_720 - HD720p resolution hd_1080 - HD1080p resolution <p>Used by complexType: PartyContent</p> <ul style="list-style-type: none"> ReservationContent <p>Sample code:</p> <pre><xsd:element name=" MAX_RESOLUTION " type="ConfPartyResolutionType"> </xsd:element></pre>

Table 12 *obj_reservation Schema - Additions and Modifications (Continued)*

Item	Description
ConfPartyResolutionType	<p>New simpleType. This type contains the video resolution parameter. Values are:</p> <ul style="list-style-type: none"> • enumeration auto • enumeration cif • enumeration sd • enumeration hd_720 • enumeration hd_1080 <p>Used by the element: MAX_RESOLUTION</p> <p>Sample code:</p> <pre><xsd:simpleType name="ConfPartyResolutionType"> <xsd:restriction base="xsd:string"> <xsd:enumeration value="auto"/> <xsd:enumeration value="cif"/> <xsd:enumeration value="sd"/> <xsd:enumeration value="hd_720"/> <xsd:enumeration value="hd_1080"/> </xsd:restriction> </xsd:simpleType></pre>
AUTO_REDIAL	<p>New element. Indicates whether the <i>Auto Redial</i> feature is enabled or disabled. Possible value:</p> <ul style="list-style-type: none"> • true - the <i>Auto Redial</i> feature is enabled • false - the <i>Auto Redial</i> feature is disabled <p>Used by:</p> <ul style="list-style-type: none"> • ReservationContent <p>Sample code:</p> <pre><xsd:element name="AUTO_REDIAL" type="xsd:boolean"/></pre>

Table 12 *obj_reservation Schema - Additions and Modifications (Continued)*

Item	Description
FrameRateType	<p>Modified simple type.</p> <p>Holds the video frame rate. The following values were added:</p> <ul style="list-style-type: none"> • 12.5 • 25 • 50 • 60 <p>Used by the element: FRAME_RATE</p> <p>Sample code:</p> <pre><xsd:simpleType name="FrameRateType"> <xsd:restriction base="xsd:string"> <xsd:enumeration value="60"/> <xsd:enumeration value="50"/> <xsd:enumeration value="30"/> <xsd:enumeration value="25"/> <xsd:enumeration value="15"/> <xsd:enumeration value="10"/> <xsd:enumeration value="12.5"/> <xsd:enumeration value="7.5"/> <xsd:enumeration value="auto"/> </xsd:restriction> </xsd:simpleType></pre>
HDResolutionType	<p>Modified simple type.</p> <p>Holds the video resolution. The following values are available:</p> <ul style="list-style-type: none"> • enumeration hd_720 • enumeration hd_720p30 (not supported, use hd_720 instead) • enumeration hd_720p60 • enumeration hd_1080 • enumeration sd • enumeration h264cif • enumeration h263cif <p>Sample code:</p> <pre>xsd:simpleType name="HDResolutionType"> <xsd:restriction base="xsd:string"> <xsd:enumeration value="hd_720"/> <xsd:enumeration value="hd_720p30"/> <xsd:enumeration value="hd_720p60"/> <xsd:enumeration value="hd_1080"/> <xsd:enumeration value="sd"/> <xsd:enumeration value="h264cif"/> <xsd:enumeration value="h263cif"/> </xsd:restriction> </xsd:simpleType></pre>

Table 12 *obj_reservation Schema - Additions and Modifications (Continued)*

Item	Description
ReservationContent	<p>Modified complexType. This type contains reservation parameters. Includes new elements:</p> <ul style="list-style-type: none"> • MESSAGE_OVERLAY • AUTO_REDIAL • PERMANENT • CONTENT_TO_LEGACY_EPS • MAX_RESOLUTION • AUTO_BRIGHTNESS • AUDIO_CLARITY <p>Used by the Group: RESERVATION</p> <p>Sample Code:</p> <pre><xsd:complexType name="ReservationContent"> <xsd:sequence> <xsd:element ref="OBJ_TOKEN" minOccurs="0"/> : <xsd:element ref="VISUAL_EFFECTS" minOccurs="0"/> : : <xsd:element ref="ECHO_SUPPRESSION" minOccurs="0"/> <xsd:element ref="KEYBOARD_SUPPRESSION" minOccurs="0"/> <xsd:element ref="CONTENT_TO_LEGACY_EPS" minOccurs="0"/> <xsd:element ref="AUTO_REDIAL" minOccurs="0"/> > <xsd:element ref="PERMANENT" minOccurs="0"/> <xsd:element ref="MESSAGE_OVERLAY" minOccurs="0"/> <xsd:element ref="MAX_RESOLUTION" minOccurs="0"/> <xsd:element ref="AUTO_BRIGHTNESS" minOccurs="0"/> <xsd:element ref="AUDIO_CLARITY" minOccurs="0"/> <xsd:any namespace="##other" processContents="skip" minOccurs="0" maxOccurs="unbounded"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> <xsd:element ref="PARTY_LIST" minOccurs="0"/> </xsd:sequence> </xsd:complexType></pre>

Schema trans_conf_1 - Additions and Modifications

Table 13 trans_conf_1 Schema - Additions and Modifications

Item	Description
START_PREVIEW	<p>New element.</p> <p>Contains the parameters of the participant whose video to preview on your workstation. The parameters specified are the conference and participant ID, the video direction (sent to the conference or received from the conference) and the number of the port that will be used to receive video or audio streams from MCU. Contains the elements:</p> <ul style="list-style-type: none"> • ID • PARTY_ID • VIDEO_DIRECTION • CLIENT_IP • VIDEO_PORT • AUDIO_PORT <p>Used by the Group: ACTIONS</p> <p>Sample Code:</p> <pre><xsd:element name="START_PREVIEW"> <xsd:complexType> <xsd:sequence> <xsd:element ref="ID"/> <xsd:element ref="PARTY_ID"/> <xsd:element ref="VIDEO_DIRECTION"/> <xsd:element ref="CLIENT_IP"/> <xsd:element ref="VIDEO_PORT"/> <xsd:element ref="AUDIO_PORT"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType> </xsd:element></pre>

Table 13 *trans_conf_1 Schema - Additions and Modifications (Continued)*

Item	Description
STOP_PREVIEW	<p>New element.</p> <p>Contains the parameters of the participant whose video preview you want to close. The parameters specified are the conference and participant ID and the video direction. Contains the elements:</p> <ul style="list-style-type: none"> • ID • PARTY_ID • VIDEO_DIRECTION <p>Used by the Group: ACTIONS</p> <p>Sample Code:</p> <pre><xsd:element name="STOP_PREVIEW"> <xsd:complexType> <xsd:sequence> <xsd:element ref="ID"/> <xsd:element ref="PARTY_ID"/> <xsd:element ref="VIDEO_DIRECTION"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType> </xsd:element></pre>
REQUEST_INTRA	<p>New element.</p> <p>Contains the parameters of the previewed participant for whom an intra request to refresh the previewed video is sent. The parameters specified are the conference and participant ID and the video direction. Contains the elements:</p> <ul style="list-style-type: none"> • ID • PARTY_ID • VIDEO_DIRECTION <p>Used by the Group: ACTIONS</p> <p>Sample Code:</p> <pre><xsd:element name="REQUEST_INTRA"> <xsd:complexType> <xsd:sequence> <xsd:element ref="ID"/> <xsd:element ref="PARTY_ID"/> <xsd:element ref="INTRA_DIRECTION"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType> </xsd:element></pre>

Schema trans_conf_2 - Additions and Modifications

Table 14 trans_conf_2 Schema - Additions and Modifications

Item	Description
SET_MESSAGE_OVERLAY	<p>New element.</p> <p>Displays text messages on top of the live video on all participant screens during an ongoing conference. Contains elements:</p> <ul style="list-style-type: none"> • ID • MESSAGE_OVERLAY <p>Used by the Group: ACTIONS</p> <p>Sample Code:</p> <pre><xsd:element name="SET_MESSAGE_OVERLAY"> <xsd:complexType> <xsd:sequence> <xsd:element ref="ID"/> <xsd:element ref="MESSAGE_OVERLAY"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType> </xsd:element></pre>
SET_EXCLUSIVE_CONTENT	<p>New element.</p> <p>Assigns the Content Token ownership to a specific endpoint, preventing other endpoints from sending content until Content Token ownership has been transferred to another endpoint. Contains elements:</p> <ul style="list-style-type: none"> • ID • PARTY_ID <p>Used by the Group: ACTIONS</p> <p>Sample Code:</p> <pre><xsd:element name="SET_EXCLUSIVE_CONTENT"> <xsd:complexType> <xsd:sequence> <xsd:element ref="ID"/> <xsd:element ref="PARTY_ID"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType> </xsd:element></pre>

Table 14 *trans_conf_2 Schema - Additions and Modifications (Continued)*

Item	Description
REMOVE_EXCLUSIVE_CONTENT	<p>New element. Withdraws the Content Token ownership from a specific endpoint, allowing the transfer of the token to another participant. Contains elements:</p> <ul style="list-style-type: none"> ID <p>Used by the Group: ACTIONS</p> <p>Sample Code:</p> <pre><xsd:element name="REMOVE_EXCLUSIVE_CONTENT"> <xsd:complexType> <xsd:sequence> <xsd:element ref="ID"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType> </xsd:element></pre>
SET_AUTO_REDIAL	<p>New element. Enables or disables the Auto Redial feature. Includes reference to the elements:</p> <ul style="list-style-type: none"> ID AUTO_REDIAL <p>Used by the Group: ACTIONS</p> <p>Sample Code:</p> <pre><xsd:element name="SET_AUTO_REDIAL"> <xsd:complexType> <xsd:sequence> <xsd:element ref="ID"/> <xsd:element ref="AUTO_REDIAL"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType> </xsd:element></pre>
START_PREVIEW	<p>New element. Request to start the preview the specified participant's video.</p> <p>Used by the Group: ACTIONS</p> <p>Sample Code:</p> <pre><xsd:element name="START_PREVIEW"> </xsd:element></pre>

Table 14 *trans_conf_2 Schema - Additions and Modifications (Continued)*

Item	Description
STOP_PREVIEW	<p>New element.</p> <p>Request to stop the preview of the specified participant's video.</p> <p>Used by the Group: ACTIONS</p> <p>Sample Code:</p> <pre><xsd:element name="STOP_PREVIEW"> </xsd:element></pre>
ACTIONS	<p>Modified group.</p> <p>A group of elements that identifies the action that was requested using the trans_conf_1 or the trans_conf_2 schemas.</p> <p>New elements were added to this group:</p> <ul style="list-style-type: none"> • SET_AUTO_REDIAL • SET_MESSAGE_OVERLAY • SET_EXCLUSIVE_CONTENT • REMOVE_EXCLUSIVE_CONTENT • START_PREVIEW • STOP_PREVIEW <p>Used by the elements:</p> <ul style="list-style-type: none"> • ACTION • TRANS_CONF_2 <p>Sample code:</p> <pre><xsd:group name="ACTIONS"> <xsd:choice> <xsd:element ref="GET"/> <xsd:element ref="SET_END_TIME"/> <xsd:element ref="SET_AUDIO_VIDEO_MUTE"/> <xsd:element ref="SET_CONNECT"/> : : <xsd:element ref="START_PREVIEW"/> <xsd:element ref="STOP_PREVIEW"/> <xsd:element ref="SET_AUTO_REDIAL"/> <xsd:element ref="SET_EXCLUSIVE_CONTENT"/> <xsd:element ref="REMOVE_EXCLUSIVE_CONTENT"/><xsd:element ref="SET_MESSAGE_OVERLAY"/> </xsd:choice> </xsd:group></pre>

Schema response_trans_conf - Additions and Modifications

Table 15 response_trans_conf Schema - Additions and Modifications

Item	Description
SET_MESSAGE_OVERLAY	<p>New element. Response to the request to display text message on top of the live video on all participant screens during an ongoing conference.</p> <p>Used by the Group: ACTIONS</p> <p>Sample Code: <xsd:element name="SET_MESSAGE_OVERLAY"/></p>
SET_EXCLUSIVE_CONTENT	<p>New element. Response to the request to assign the Content Token ownership to a specific endpoint.</p> <p>Used by the Group: ACTIONS</p> <p>Sample Code: <xsd:element name=" SET_EXCLUSIVE_CONTENT"/></p>
REMOVE_EXCLUSIVE_CONTENT	<p>New element. Response to the request to withdraw the Content Token ownership from a specific endpoint.</p> <p>Used by the Group: ACTIONS</p> <p>Sample Code: <xsd:element name=" REMOVE_EXCLUSIVE_CONTENT "/></p>
SET_AUTO_REDIAL	<p>New element. Response to the request to enable or disable the Auto Redial feature.</p> <p>Used by the Group: ACTIONS</p> <p>Sample Code: <xsd:element name="SET_AUTO_REDIAL"> </xsd:element></p>
START_PREVIEW	<p>New element. Response to the request to start the preview the specified participant's video.</p> <p>Used by the Group: ACTIONS</p> <p>Sample Code: <xsd:element name="START_PREVIEW"> </xsd:element></p>

Table 15 *response_trans_conf Schema - Additions and Modifications (Continued)*

Item	Description
STOP_PREVIEW	<p>New element. Response to the request to stop the preview of the specified participant's video.</p> <p>Used by the Group: ACTIONS</p> <p>Sample Code: <xsd:element name="STOP_PREVIEW"> </xsd:element></p>
REQUEST_INTRA	<p>New element. Response to the request to send an intra request to refresh the video displayed in the preview window.</p> <p>Used by the Group: ACTIONS</p> <p>Sample Code: <xsd:element name="REQUEST_INTRA"> </xsd:element></p>

Table 15 *response_trans_conf Schema - Additions and Modifications (Continued)*

Item	Description
ACTIONS	<p>Modified group.</p> <p>A group of elements that identifies the action that was requested using the trans_conf_1 or the trans_conf_2 schemas.</p> <p>New elements were added to this group:</p> <ul style="list-style-type: none"> • SET_AUTO_REDIAL • SET_MESSAGE_OVERLAY • SET_EXCLUSIVE_CONTENT • REMOVE_EXCLUSIVE_CONTENT • START_PREVIEW • STOP_PREVIEW • REQUEST_INTRA <p>Used by the elements:</p> <ul style="list-style-type: none"> • ACTION • RESPONSE_TRANS_CONF <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_LECTURE_MODE"/> <xsd:element ref="SET_VIDEO_LAYOUT"/> <xsd:element ref="SET_END_TIME"/> <xsd:element ref="SET_AUDIO_VIDEO_MUTE"/> : : <xsd:element ref="START_PREVIEW"/> <xsd:element ref="STOP_PREVIEW"/> <xsd:element ref="REQUEST_INTRA"/> <xsd:element ref="SET_AUTO_REDIAL"/> <xsd:element ref="SET_MESSAGE_OVERLAY"/> <xsd:element ref="SET_EXCLUSIVE_CONTENT"/> <xsd:element ref="REMOVE_EXCLUSIVE_CONTENT"/> </xsd:choice> </xsd:group></pre>

Schema trans_mcu - Additions and Modifications

Table 16 trans_mcu Schema - Additions and Modifications

Item	Description
GET_RESOLUTIONS_SET	<p>New element.</p> <p>Retrieves the current MCU resolution configuration settings.</p> <p>Used by the Group: ACTIONS</p> <p>Sample Code:</p> <pre><xsd:element name="GET_RESOLUTIONS_SET"> </xsd:element></pre>
SET_RESOLUTIONS_SET	<p>New element.</p> <p>Sets the MCU resolution configuration settings. Contains elements:</p> <ul style="list-style-type: none"> SET_RESOLUTIONS_PARAMS <p>Used by the Group: ACTIONS</p> <p>Sample Code:</p> <pre><xsd:element name="SET_RESOLUTIONS_SET"> <xsd:complexType> <xsd:sequence> <xsd:element ref="SET_RESOLUTIONS_PARAMS"/> <xsd:any namespace="##other" processContents="skip" minOccurs="0" maxOccurs="unbounded"/> </xsd:sequence> </xsd:complexType> </xsd:element></pre>

Table 16 *trans_mcu Schema - Additions and Modifications (Continued)*

Item	Description
ACTIONS	<p>Modified group.</p> <p>A group of elements that identifies the action that was requested.</p> <p>New elements were added to this group:</p> <ul style="list-style-type: none"> • GET_RESOLUTIONS_SET • SET_RESOLUTIONS_SET <p>Used by the elements:</p> <ul style="list-style-type: none"> • ACTION • TRANS_MCU <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="RENAME"/> : : <xsd:element ref="REMOVE_DIRECTORY"/> <xsd:element ref="BEGIN_RECEIVING_VERSION"/> <xsd:element ref="FINISHED_TRANSFER_VERSION"/> <xsd:element ref="UPDATE_KEY_CODE"/> <xsd:element ref="FLUSH"/> <xsd:element ref="GET_CFS"/> <xsd:element ref="STOP_ALL_MEDIA_RECORDING"/> > <xsd:element ref="GET_RECORDING_JUNCTION_LIST"/> <xsd:element ref="SET_RESTORE_TYPE"/> <xsd:element ref="COLLECT_INFO"/> <xsd:element ref="GET_INSTALLATION_STATUS"/> <xsd:element ref="TURN_SSH"/> <xsd:element ref="REMOVE_DIRECTORY_CONTENT"/> <xsd:element ref="GET_PORT_CONFIGURATION"/> <xsd:element ref="SET_PORT_CONFIGURATION"/> <xsd:element ref="GET_RESOLUTIONS_SET"/> <xsd:element ref="SET_RESOLUTIONS_SET"/> </xsd:choice> </xsd:group> </pre>

Schema response_trans_mcu - Additions and Modifications

Table 17 response_trans_mcu Schema - Additions and Modifications

Item	Description
GET_RESOLUTIONS_SET	<p>New element. Retrieves the current MCU resolution configuration settings.</p> <p>Used by the Group: ACTIONS</p> <p>Sample Code: <code><xsd:element name="GET_RESOLUTIONS_SET"></code> <code><xsd:complexType></code> <code><xsd:sequence></code> <code><xsd:element ref="RESOLUTIONS_PARAMS"/></code> <code><xsd:any namespace="##other"</code> <code>processContents="skip" minOccurs="0"</code> <code>maxOccurs="unbounded"/></code> <code></xsd:sequence></code> <code></xsd:complexType></code> <code></xsd:element></code> </p>
SET_RESOLUTIONS_SET	<p>New element. Sets the MCU resolution configuration settings. Contains elements:</p> <ul style="list-style-type: none"> SET_RESOLUTIONS_PARAMS <p>Used by the Group: ACTIONS</p> <p>Sample Code: <code><xsd:element name="SET_RESOLUTIONS_SET"></code> <code></xsd:element></code> </p>

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

Item	Description
ACTIONS	<p>Modified group.</p> <p>A group of elements that identifies the action that was requested using the trans_mcu schema.</p> <p>New elements were added to this group:</p> <ul style="list-style-type: none"> • GET_RESOLUTIONS_SET • SET_RESOLUTIONS_SET <p>Used by the elements:</p> <ul style="list-style-type: none"> • ACTION • RESPONSE_TRANS_MCU <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="RENAME"/> <xsd:element ref="REMOVE_DIRECTORY"/> <xsd:element ref="BEGIN_RECEIVING_VERSION"/> <xsd:element ref="FINISHED_TRANSFER_VERSION"/> <xsd:element ref="UPDATE_KEY_CODE"/> <xsd:element ref="FLUSH"/> <xsd:element ref="GET_CFS"/> <xsd:element ref="STOP_ALL_MEDIA_RECORDING"/> > <xsd:element ref="GET_RECORDING_JUNCTION_LIST"/> <xsd:element ref="SET_RESTORE_TYPE"/> <xsd:element ref="COLLECT_INFO"/> <xsd:element ref="GET_INSTALLATION_STATUS"/> <xsd:element ref="TURN_SSH"/> <xsd:element ref="REMOVE_DIRECTORY_CONTENT"/> <xsd:element ref="GET_PORT_CONFIGURATION"/> <xsd:element ref="SET_PORT_CONFIGURATION"/> <xsd:element ref="GET_RESOLUTIONS_SET"/> <xsd:element ref="SET_RESOLUTIONS_SET"/> </xsd:choice> </xsd:group></pre>

Schema trans_recording_links_list - Additions and Modifications

Table 18 trans_recording_links_list Schema - Additions and Modifications

Item	Description
SET_DEFAULT_RECORDING_LINK	<p>New element. Sets a recording link as default. Contains elements:</p> <ul style="list-style-type: none"> PARTY <p>Used by the Group: ACTIONS</p> <p>Sample Code:</p> <pre><xsd:element name=" SET_DEFAULT_RECORDING_LINK "> <xsd:complexType> <xsd:sequence> <xsd:element ref="PARTY"/> <xsd:any namespace="##other" processContents="skip" minOccurs="0" maxOccurs="unbounded"/> </xsd:sequence> </xsd:complexType> </xsd:element></pre>
ACTIONS	<p>Modified group. A group of elements that identifies the action. New elements were added to this group:</p> <ul style="list-style-type: none"> SET_DEFAULT_RECORDING_LINK <p>Used by the elements:</p> <ul style="list-style-type: none"> ACTION TRANS_RECORDING_LINKS_LIST <p>Sample code:</p> <pre><xsd:group name="ACTIONS"> <xsd:choice> <xsd:element ref="GET"/> <xsd:element ref="ADD"/> <xsd:element ref="UPDATE"/> <xsd:element ref="DELETE"/> <xsd:element ref="SET_DEFAULT_RECORDING_LINK" </xsd:choice> </xsd:group></pre>

Schema response_trans_recording_links_list - Additions and Modifications

Table 19 response_trans_recording_links_list Schema - Additions and Modifications

Item	Description
SET_DEFAULT_RECORDING_LINK	<p>New element.</p> <p>Sets a recording link as default. Contains elements:</p> <ul style="list-style-type: none"> PARTY <p>Used by the Group: ACTIONS</p> <p>Sample Code:</p> <pre><xsd:element name=" SET_DEFAULT_RECORDING_LINK "> <xsd:complexType> <xsd:sequence> <xsd:element ref="PARTY"/> <xsd:any namespace="##other" processContents="skip" minOccurs="0" maxOccurs="unbounded"/> </xsd:sequence> </xsd:complexType> </xsd:element></pre>
ACTIONS	<p>Modified group.</p> <p>A group of elements that identifies the action that was requested using the trans_recording_links_list schema.</p> <p>New elements were added to this group:</p> <ul style="list-style-type: none"> SET_DEFAULT_RECORDING_LINK <p>Used by the elements:</p> <ul style="list-style-type: none"> ACTION TRANS_RECORDING_LINKS_LIST <p>Sample code:</p> <pre><xsd:group name="ACTIONS"> <xsd:choice> <xsd:element ref="GET"/> <xsd:element ref="ADD"/> <xsd:element ref="UPDATE"/> <xsd:element ref="DELETE"/> <xsd:element ref="SET_DEFAULT_RECORDING_LINK" </xsd:choice> </xsd:group></pre>

Version 6.0 - New Schemas

The following schemas were added to the RMX XML API kit in version 6.0.

Table 1-1 New Schema List

Schema Name	Description
obj_exchange_cfg	Holds information about the connection to the Microsoft Exchange Server.
obj_install_phases_list	<p>Contains a list of the three additional phases that were added to the software installation procedure:</p> <ul style="list-style-type: none"> • Software Loading • IPMC burning • Completed (indicates to the RMX Web Client that all installation phases were completed) <p>Note: The first software installation phase, <i>Copying the build file</i>, is the same as in previous versions.</p>
obj_install_phase	<p>contains the parameters of a single phase:</p> <ul style="list-style-type: none"> • Phase type (SW_Loading/IPMC_Burning/Completed) • Progress (in percents) • Status (NotStarted/InProgress/Success/Failure)

Schema obj_exchange_cfg

Table 1-2 obj_exchange_cfg Schema Parameters

Item	Description
<i>SERVICE_ENABLED</i>	<p>New element.</p> <p>Indicates whether the Calendaring Service using the Polycom Add-in for Microsoft Outlook is enabled or disabled.</p> <p>Used by ComplexType:</p> <ul style="list-style-type: none"> • McuExchangeConfigParamsContent <p>Sample Code:</p> <pre><xsd:element name="SERVICE_ENABLED" type="xsd:boolean"> </xsd:element></pre>

Table 1-2 *obj_exchange_cfg Schema Parameters (Continued)*

Item	Description
<i>WEB_SERVICE_URL</i>	<p>New element. Contains the IP address of the exchange server or the full path to the Microsoft Exchange Server where the RMX's Microsoft Outlook e-mail account is registered. This field can only contain an IP address or the http://[ip address]/EWS/Exchange.asmx or other virtual directory that contains the Exchange web services. If only the IP address is configured, the system assumes that the default Virtual directory is ../EWS/Exchange.asmx.</p> <p>Used by ComplexType:</p> <ul style="list-style-type: none"> McuExchangeConfigParamsContent <p>Sample Code: <xsd:element name="WEB_SERVICE_URL" type="xsd:string"> </xsd:element></p>
<i>USER_NAME</i>	<p>New element. Contains the User Name of the RMX, as registered in the Microsoft Exchange Server, that the RMX uses to login to its e-mail account.</p> <p>Used by ComplexType:</p> <ul style="list-style-type: none"> McuExchangeConfigParamsContent <p>Sample Code: <xsd:element name="USER_NAME" type="xsd:string"> </xsd:element></p>
<i>PASSWORD</i>	<p>New element. Contains the Password the RMX uses to login to its e-mail account as registered in the Microsoft Exchange Server.</p> <p>Used by ComplexType:</p> <ul style="list-style-type: none"> McuExchangeConfigParamsContent <p>Sample Code: <xsd:element name="PASSWORD" type="xsd:string"> </xsd:element></p>

Table 1-2 *obj_exchange_cfg Schema Parameters (Continued)*

Item	Description
<i>DOMAIN_NAME</i>	<p>New element.</p> <p>Contains the FQDN name of the network domain where the account (RMX) that will be used to connect to the Microsoft Exchange Server is defined.</p> <p>For example, if the FQDN name for the RMX is rmx2@polycom.com, then the domain name should be configured as polycom.com</p> <p>Used by ComplexType:</p> <ul style="list-style-type: none"> McuExchangeConfigParamsContent <p>Sample Code:</p> <pre><xsd:element name="DOMAIN_NAME" type="xsd:string"> </xsd:element></pre>
<i>WEB_SERVICES_DELEGATE</i>	<p>New element.</p> <p>Defines whether or not the RMX can send replies to meeting invitations.</p> <p>If True, the RMX automatically accepts appointments created by the Polycom conferencing Add-in for Microsoft Outlook and that were sent to the account that is monitored by the RMX.</p> <p>Used by ComplexType:</p> <ul style="list-style-type: none"> McuExchangeConfigParamsContent <p>Sample Code:</p> <pre><xsd:element name="WEB_SERVICES_DELEGATE" type="xsd:boolean"> </xsd:element></pre>
<i>PRIMARY_SMTP_MAILBOX</i>	<p>New element.</p> <p>Contains the name of the SMTP Mailbox in the Microsoft Exchange Server to be monitored by the RMX. If empty, the default user mailbox is monitored.</p> <p>Note: Although several mailboxes can be assigned to each user in the Microsoft Exchange Server, only the Primary SMTP Mailbox is monitored. The Primary SMTP Mailbox name does not necessarily contains the RMX's User Name or Domain name.</p> <p>Used by ComplexType:</p> <ul style="list-style-type: none"> McuExchangeConfigParamsContent <p>Sample Code:</p> <pre><xsd:element name="PRIMARY_SMTP_MAILBOX" type="xsd:string"> </xsd:element></pre>

Table 1-2 *obj_exchange_cfg Schema Parameters (Continued)*

Item	Description
<i>McuExchangeConfigParamsContent</i>	<p>Complextype.</p> <p>This type contains the parameters of the connection to Microsoft Exchange Server. It includes references to the following elements:</p> <ul style="list-style-type: none"> SERVICE_ENABLE WEB_SERVICES_URL USER_NAME PASSWORD DOMAIN_NAME WEB_SERVICES_DELEGATE POLLING_INTERVAL <Not in use> PRIMARY_SMTP_MAILBOX <p>Used by the element: SET_MCU_EXCHANGE_CONFIG_PARAMS</p> <p>Sample code:</p> <pre><xsd:complexType name="McuExchangeConfigParamsContent"> <xsd:sequence> <xsd:element ref="SERVICE_ENABLED"/> <xsd:element ref="WEB_SERVICES_URL"/> <xsd:element ref="USER_NAME"/> <xsd:element ref="DOMAIN_NAME"/> <xsd:element ref="PASSWORD"/> <xsd:element ref="WEB_SERVICES_DELEGATE"/> <xsd:element ref="POLLING_INTERVAL"/> <xsd:element ref="PRIMARY_SMTP_MAILBOX"/> </xsd:sequence> </xsd:complexType></pre>

Schema obj_install_phases_list

Table 1-3 *obj_install_phases_list Schema Parameters*

Item	Description
<i>INSTALL_PHASES_LIST</i>	<p>New element.</p> <p>Contains the list of software installation phases, indicating the type, the progress and the status of each installation phase.</p> <p>Used by ComplexType: MCUStateContent</p> <p>Sample Code:</p> <pre><xsd:element name="INSTALL_PHASES_LIST" type="InstallPhasesListContent"/> </xsd:element></pre>

Table 1-3 *obj_install_phases_list Schema Parameters (Continued)*

Item	Description
<i>InstallPhasesListContent</i>	<p>Complextype.</p> <p>This type contains the parameters of the software installation phases, indicating the type, the progress and the status of each installation phase.</p> <p>It includes references to the following elements:</p> <ul style="list-style-type: none"> INSTALL_PHASE <p>Used by the element: MCUStateContent</p> <p>Sample code:</p> <pre><xsd:complexType name="InstallPhasesListContent"> <xsd:sequence> <xsd:element ref="INSTALL_PHASE" minOccurs="0" maxOccurs="unbounded"/> </xsd:sequence> </xsd:complexType></pre>

Schema obj_install_phases

Table 1-4 *obj_install_phases Schema Parameters*

Item	Description
<i>INSTALL_PHASES</i>	<p>New element.</p> <p>Contains the parameters of a specific software installation phase, indicating its type, progress and status.</p> <p>Used by ComplexType: InstallPhasesListContent</p> <p>Sample Code:</p> <pre><xsd:element name="INSTALL_PHASE" type="InstallPhaseContent"/> </xsd:element></pre>
<i>INSTALL_PHASE_TYPE</i>	<p>New element.</p> <p>Contains the type of the software installation phase.</p> <p>Used by ComplexType: InstallPhasesContent</p> <p>Sample Code:</p> <pre><xsd:element name="INSTALL_PHASE_TYPE" type="InstallPhaseType"/> </xsd:element></pre>

Table 1-4 *obj_install_phases Schema Parameters (Continued)*

Item	Description
<i>INSTALL_PHASE_PROGRESS</i>	<p>New element. Contains the percentage (0-100) of the software installation phase that was completed.</p> <p>Used by ComplexType: InstallPhasesContent</p> <p>Sample Code: <code><xsd:element name="INSTALL_PHASE_PROGRESS" type="xsd:integer"/></code> <code></xsd:element></code> </p>
<i>INSTALL_PHASE_STATUS</i>	<p>New element. Contains the status of the software installation phase, whether it was completed or it failed.</p> <p>Used by ComplexType: InstallPhasesContent</p> <p>Sample Code: <code><xsd:element name="INSTALL_PHASE_STATUS" type="InstallPhaseStatusType"/></code> <code></xsd:element></code> </p>
<i>InstallPhaseContent</i>	<p>Complextype. This type contains the parameters of a specific software installation phase; its type, progress and status. It includes references to the following elements:</p> <ul style="list-style-type: none"> • <i>INSTALL_PHASE_TYPE</i> • <i>INSTALL_PHASE_PROGRESS</i> • <i>INSTALL_PHASE_STATUS</i> <p>Used by the element: <i>INSTALL_PHASES_LIST</i></p> <p>Sample code: <code><xsd:complexType name="InstallPhaseContent"></code> <code><xsd:sequence></code> <code><xsd:element ref="INSTALL_PHASE_TYPE"</code> <code>minOccurs="0"/></code> <code><xsd:element ref="INSTALL_PHASE_PROGRESS"</code> <code>minOccurs="0"/></code> <code><xsd:element ref="INSTALL_PHASE_STATUS"</code> <code>minOccurs="0"/></code> <code><xsd:any processContents="skip" minOccurs="0"</code> <code>maxOccurs="unbounded" namespace="##other"/></code> <code></xsd:sequence></code> <code></xsd:complexType></code> </p>

Table 1-4 *obj_install_phases Schema Parameters (Continued)*

Item	Description
<i>InstallPhaseType</i>	<p>SimpleType.</p> <p>This type contains the type of a specific software installation phase.</p> <p>It includes the following phase types:</p> <ul style="list-style-type: none"> • <code>installPhaseType_swLoading</code> • <code>InstallPhaseType_ipmcBurning</code> • <code>InstallPhaseType_completed</code> <p>Used by the element: <code>INSTALL_PHASE</code></p> <p>Sample code:</p> <pre><xsd:simpleType name="InstallPhaseType"> <xsd:restriction base="xsd:string"> <xsd:enumeration value="InstallPhaseType_swLoading"/> <xsd:enumeration value="InstallPhaseType_ipmcBurning"/> <xsd:enumeration value="InstallPhaseType_completed"/> <!-- for logging out after X seconds --> </xsd:restriction> </xsd:simpleType></pre>
<i>InstallPhaseStatusType</i>	<p>SimpleType.</p> <p>This type contains the status of a specific software installation phase.</p> <p>It includes the following statuses:</p> <ul style="list-style-type: none"> • <code>not_started</code> • <code>in_progress</code> • <code>success</code> • <code>failure</code> <p>Used by the element: <code>INSTALL_PHASE</code></p> <p>Sample code:</p> <pre><xsd:simpleType name="InstallPhaseStatusType"> <xsd:restriction base="xsd:string"> <xsd:enumeration value="not_started"/> <xsd:enumeration value="in_progress"/> <xsd:enumeration value="success"/> <xsd:enumeration value="failure"/> </xsd:restriction> </xsd:simpleType></pre>

Version 6.0 - Changes to Existing Schemas

Schema common_trans - Additions and Modifications

Table 1-5 common_trans Schema - Additions and Modifications

Item	Description
<i>MCUStateContent</i>	<p>Modified complexType. This type contains MCU state parameters. Includes reference to the following new element:</p> <ul style="list-style-type: none"> INSTALL_PHASES_LIST <p>Used by the element: MCU_STATE</p> <p>Sample code:</p> <pre><xsd:complexType name=" MCUStateContent "> <xsd:sequence> <xsd:element ref=" ID "/> <xsd:element ref=" DESCRIPTION "/> . . <xsd:element ref=" MPL_SERIAL_NUMBER "/> <xsd:element ref=" LICENSING_VALIDATION_STATE "/> <xsd:element ref=" NUMBER_OF_ACTIVE_ALARMS "/> <xsd:element ref=" NUMBER_OF_CORE_DUMPS "/> <xsd:element ref=" MEDIA_RECORDING "/> <xsd:element ref=" COLLECTING_INFO " /> <xsd:element ref=" PRODUCT_TYPE " /> <xsd:element ref=" SSH " > <xsd:element ref=" NUM_CONFERENCE_TEMPLATES " minOccurs="0"/> <!--not supported--> <xsd:element ref=" SYSTEM_STARTUP_DURATION "/ > <xsd:element ref=" BACKUP_STATE "/> <xsd:element ref=" RESTORE_STATE "/> <xsd:element ref="INSTALL_PHASES_LIST"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></pre>

Schema common_trans_obj - Additions and Modifications

Table 1-6 common_trans_obj Schema - Additions and Modifications

Item	Description
<i>TELEPRESENCE_MODE_CONFIGURATION</i>	<p>New element.</p> <p>Indicates the setting of the automatic detection of ITP sites and whether the ITP features are applied.</p> <p>Used by complexType:</p> <ul style="list-style-type: none"> • MeetingRoomSummaryContent • ProfileSummaryContent • ReservationContent • CONF_SUMMARY_DETAILS <p>Sample Code:</p> <pre><xsd:element name="TELEPRESENCE_MODE_CONFIGURATION" type="TelepresenceModeConfigurationType"/> </xsd:element></pre>
<i>TELEPRESENCE_LAYOUT_MODE</i>	<p>New element.</p> <p>Indicates the Telepresence Layout Mode setting.</p> <p>Used by complexType:</p> <ul style="list-style-type: none"> • MeetingRoomSummaryContent • ProfileSummaryContent • ReservationContent • CONF_SUMMARY_DETAILS <p>Sample Code:</p> <pre><xsd:element name="TELEPRESENCE_LAYOUT_MODE" type="TelepresenceLayoutMode"/> </xsd:element></pre>

Table 1-6 *common_trans_obj Schema - Additions and Modifications (Continued)*

Item	Description
<i>TelepresenceModeConfigurationType</i>	<p>New simpleType. Contains the setting of the automatic detection of ITP sites and whether the ITP features are applied or disabled. Possible values:</p> <ul style="list-style-type: none"> • auto - The ITP features are dynamic. If an ITP endpoint is detected, ITP features are applied to the conference video for all participants. If all ITP endpoints disconnect from the conference, normal conference video is resumed for all participants. • no - ITP features are disabled and normal conference video is sent by the RMX. • yes - ITP features are applied to the conference video for all participants regardless of whether there are ITP endpoints connected or not. <p>Used by the element: TELEPRESENCE_MODE_CONFIGURATION</p> <p>Sample code:</p> <pre><xsd:simpleType name="TelepresenceModeConfigurationType"> <xsd:restriction base="xsd:string"> <xsd:enumeration value="auto"/> <xsd:enumeration value="yes"/> <xsd:enumeration value="no"/> </xsd:restriction> </xsd:simpleType></pre>
<i>TelepresenceLayoutMode</i>	<p>New simpleType. Sets the telepresence layout mode on the RMX according to VNOC and Polycom Multi Layout Applications. Possible values:</p> <ul style="list-style-type: none"> • manual • cp - Room Continuous Presence (Default). • room_switch - Voice Activated Room Switching <p>Used by the element: TELEPRESENCE_LAYOUT_MODE</p> <p>Sample code:</p> <pre><xsd:simpleType name="TelepresenceLayoutMode"> <xsd:restriction base="xsd:string"> <xsd:enumeration value="manual"/> <xsd:enumeration value="cp"/> <xsd:enumeration value="room_switch"/> </xsd:restriction> </xsd:simpleType></pre>

Schema `obj_conf_summary_list` - Additions and Modifications

Table 1-7 `obj_conf_summary_list` Schema - Additions and Modifications

Item	Description
<code>CONF_SUMMARY_DETAILS</code>	<p>Modified group.</p> <p>This group contains conference summary parameters. It includes reference to the following new elements:</p> <ul style="list-style-type: none"> TELEPRESENCE_MODE_CONFIGURATION TELEPRESENCE_LAYOUT_MODE CROPPING <p>Used by the element: ConferenceSummaryContent</p> <p>Sample code:</p> <pre><xsd:group name="CONF_SUMMARY_DETAILS"> <xsd:sequence> <xsd:element ref="CONF_STATUS"/> <xsd:element ref="START_TIME"/> <!-- in GMT !!!--> <xsd:element ref="END_TIME"/> <!-- in GMT !!!--> <xsd:element ref="OPERATOR_CONF" minOccurs="0"/><!--supported from version 4.1--> : : <xsd:element ref="GATEWAY" minOccurs="0"/> <xsd:element ref="IS_TELEPRESENCE_MODE" minOccurs="0"/> <xsd:element ref="TELEPRESENCE_MODE_CONFIGURATION" minOccurs="0"/> <xsd:element ref="TELEPRESENCE_LAYOUT_MODE" minOccurs="0"/> <xsd:element ref="CROPPING" minOccurs="0"/> </xsd:sequence> </xsd:group></pre>

Schema `obj_ongoing_party` - Additions and Modifications

Table 1-8 `obj_ongoing_party` Schema - Additions and Modifications

Item	Description
<code>CapCodeType</code>	<p>Modified simpleType.</p> <p>This type contains the capabilities parameters. Includes the following new values supporting the new audio algorithms:</p> <ul style="list-style-type: none"> <code><xsd:enumeration value="g7221C"/></code> <code><xsd:enumeration value="siren14S_48k"/></code> <code><xsd:enumeration value="siren14S_56k"/></code> <code><xsd:enumeration value="siren14S_64k"/></code> <code><xsd:enumeration value="siren14S_96k"/></code> <code><xsd:enumeration value="siren22S_128k"/></code> <code><xsd:enumeration value="siren22S_96k"/></code> <code><xsd:enumeration value="siren22S_64k"/></code> <code><xsd:enumeration value="siren22_64k"/></code> <code><xsd:enumeration value="siren22_48k"/></code> <code><xsd:enumeration value="siren22_32k"/></code> <code><xsd:enumeration value="g719_64k"/></code> <code><xsd:enumeration value="g719_48k"/></code> <code><xsd:enumeration value="g719_32k"/></code> <code><xsd:enumeration value="g719Stereo_128k"/></code> <code><xsd:enumeration value="g719Stereo_96k"/></code> <code><xsd:enumeration value="g719Stereo_64k"/></code> <p>Used by the element: GET_STATE</p> <p>Sample code:</p> <pre> <xsd:simpleType name="CapCodeType"> <xsd:restriction base="xsd:string"> <xsd:enumeration value="g711Alaw64k"/> : : <xsd:enumeration value="g7221C"/> <xsd:enumeration value="siren14S_48k"/> <xsd:enumeration value="siren14S_56k"/> <xsd:enumeration value="siren14S_64k"/> <xsd:enumeration value="siren14S_96k"/> <xsd:enumeration value="siren22S_128k"/> <xsd:enumeration value="siren22S_96k"/> <xsd:enumeration value="siren22S_64k"/> <xsd:enumeration value="siren22_64k"/> <xsd:enumeration value="siren22_48k"/> <xsd:enumeration value="siren22_32k"/> : : </xsd:restriction> </xsd:simpleType> </pre>

Table 1-8 *obj_ongoing_party Schema - Additions and Modifications (Continued)*

Item	Description
<i>CapCodeType (cont.)</i>	<code><xsd:enumeration value="g719_64k"/></code> <code><xsd:enumeration value="g719_48k"/></code> <code><xsd:enumeration value="g719_32k"/></code> <code><xsd:enumeration value="g719Stereo_128k"/></code> <code><xsd:enumeration value="g719Stereo_96k"/></code> <code><xsd:enumeration value="g719Stereo_64k"/></code> <code><xsd:restriction></code> <code></xsd:complexType></code>

Schema obj_reservation - Additions and Modifications

Table 1-9 *obj_reservation Schema - Additions and Modifications*

Item	Description
<i>APPOINTMENT_ID</i>	<p>New element.</p> <p>The ID of the appointment created using the Polycom Add-in for Microsoft Outlook received from the Microsoft Exchange Server.</p> <p>Note: The Appointment ID can be either the appointment UID or the Appointment ID.</p> <p>For Recurrent Meetings, enter the UID of the series or the exact occurrence UID. Both parameters will be matched by the RMX.</p> <p>Used by complexType: ReservationContent</p> <p>Sample Code:</p> <code><xsd:element name="APPOINTMENT_ID" type="xsd:string"></code> <code></xsd:element></code>
<i>GATHERING</i>	<p>New element.</p> <p>Contains the appointment information that will be displayed on the Gathering Slide.</p> <p>Used by complexType: ReservationContent</p> <p>Sample Code:</p> <code><xsd:element name="GATHERING" type="GatheringContent"></code> <code></xsd:element></code>

Table 1-9 *obj_reservation Schema - Additions and Modifications (Continued)*

Item	Description
<i>ENABLE_GATHERING</i>	<p>New element.</p> <p>Indicates whether the <i>Gathering Phase</i> is enabled or disabled.</p> <p>Possible values: True/False</p> <p>Used by the complexType: GatheringContent</p> <p>Sample Code:</p> <pre><xsd:element name="ENABLE_GATHERING" type="xsd:boolean" default="false"> </xsd:element></pre>
<i>LANGUAGE_TYPE</i>	<p>New element.</p> <p>Defines the Gathering Phase slide language. Gathering slide field headings are displayed in the language selected. The Gathering Phase slide can be in a different language to the RMX Web Client.</p> <p>Possible Value:</p> <ul style="list-style-type: none"> • english • german • spanish_south_america • french • japanese • korean • chinese_simplified <p>Used by the complexType: GatheringContent</p> <p>Sample Code:</p> <pre><xsd:element name="LANGUAGE_TYPE" type="LanguageType"> </xsd:element></pre>
<i>RECORD_INDICATION</i>	<p>New element. Not Supported in this version.</p> <p>Used by the complexType: GatheringContent</p> <p>Sample Code:</p> <pre><xsd:element name="RECORD_INDICATION" type="xsd:boolean"> </xsd:element></pre>
<i>ACCESS_NUMBER_1</i>	<p>New element.</p> <p>Contains the ISDN or PSTN number to call to connect to the conference as displayed on the Gathering Phase slide.</p> <p>Used by the complexType: GatheringContent</p> <p>Sample Code:</p> <pre><xsd:element name="ACCESS_NUMBER_1" type="xsd:string"> </xsd:element></pre>

Table 1-9 *obj_reservation Schema - Additions and Modifications (Continued)*

Item	Description
<i>ACCESS_NUMBER_2</i>	<p>New element.</p> <p>Contains the second ISDN or PSTN number to call to connect to the conference as displayed on the Gathering Phase slide.</p> <p>Used by the complexType: GatheringContent</p> <p>Sample Code: <xsd:element name="ACCESS_NUMBER_2" type="xsd:string"> </xsd:element></p>
<i>IP_NUMBER_ACCESS</i>	<p>New element.</p> <p>Contains the MCU prefix in the gatekeeper together with the conference ID, displayed as the IP dial in number in the <i>Access Number</i> section of the <i>Gathering Slide</i>.</p> <p>Used by the complexType: GatheringContent</p> <p>Sample Code: <xsd:element name="IP_NUMBER_ACCESS" type="xsd:string"> </xsd:element></p>
<i>FREE_TEXT_1</i>	<p>New element.</p> <p>Contains any additional information as entered by the system administrator or meeting organizer to be displayed during the Gathering Phase on the Gathering Slide. Note: only 96 characters can be displayed in the Gathering Slide on a 16:9 monitor.</p> <p>Used by the complexType: GatheringContent</p> <p>Sample Code: <xsd:element name="FREE_TEXT_1" type="xsd:string"> </xsd:element></p>
<i>FREE_TEXT_2</i>	<p>New element.</p> <p>Contains any additional information as entered by the system administrator or meeting organizer to be displayed during the Gathering Phase on the Gathering Slide. Note: only 96 characters can be displayed in the Gathering Slide on a 16:9 monitor.</p> <p>Used by the complexType: GatheringContent</p> <p>Sample Code: <xsd:element name="FREE_TEXT_2" type="xsd:string"> </xsd:element></p>

Table 1-9 *obj_reservation Schema - Additions and Modifications (Continued)*

Item	Description
<i>FREE_TEXT_3</i>	<p>New element.</p> <p>Contains any additional information as entered by the system administrator or meeting organizer to be displayed during the Gathering Phase on the Gathering Slide. Note: only 96 characters can be displayed in the Gathering Slide on a 16:9 monitor.</p> <p>Used by the complexType: GatheringContent</p> <p>Sample Code: <code><xsd:element name="FREE_TEXT_3" type="xsd:string"></code> <code></xsd:element></code> </p>
<i>GatheringContent</i>	<p>New complexType.</p> <p>Contains the information that will be displayed during the Gathering Phase on the Gathering slide. Includes reference to the following new elements:</p> <ul style="list-style-type: none"> • ENABLE_GATHERING • LANGUAGE_TYPE • RECORD_INDICATION • ACCESS_NUMBER_1 • ACCESS_NUMBER_2 • IP_NUMBER_ACCESS • FREE_TEXT_1 • FREE_TEXT_2 • FREE_TEXT_3 <p>Used by the element:</p> <ul style="list-style-type: none"> • RESERVATION <p>Sample code: <code><xsd:complexType name="GatheringContent"></code> <code> <xsd:sequence></code> <code> <xsd:element ref="ENABLE_GATHERING"/></code> <code> <xsd:element ref="LANGUAGE" minOccurs="0"/></code> <code> <xsd:element ref="RECORD_INDICATION"</code> <code>minOccurs="0"/></code> <code> <xsd:element ref="ACCESS_NUMBER_1"</code> <code>minOccurs="0"/></code> <code> <xsd:element ref="ACCESS_NUMBER_2"</code> <code>minOccurs="0"/></code> <code> <xsd:element ref="IP_NUMBER_ACCESS"</code> <code>minOccurs="0"/></code> <code> <xsd:element ref="FREE_TEXT_1" minOccurs="0"/></code> <code> <xsd:element ref="FREE_TEXT_2" minOccurs="0"/></code> <code> <xsd:element ref="FREE_TEXT_3" minOccurs="0"/></code> <code> </xsd:sequence></code> <code></xsd:complexType></code> </p>

Table 1-9 *obj_reservation Schema - Additions and Modifications (Continued)*

Item	Description
<i>ReservationContent</i>	<p>Modified complexType. This type contains reservation parameters. Includes reference to the following new elements:</p> <ul style="list-style-type: none"> • APPOINTMENT_ID • GATHERING • TELEPRESENCE_MODE_CONFIGURATION • TELEPRESENCE_LAYOUT_MODE • CROPPING • PARTY_LIST <p>Used by the element: RESERVATION</p> <p>Sample code:</p> <pre> <xsd:complexType name="ReservationContent"> <xsd:sequence> : : <xsd:element ref="OPERATOR_CONF" minOccurs="0"/> <xsd:element ref="CONTENT_TO_LEGACY_EPS" minOccurs="0"/> : : <xsd:element ref="GATHERING" minOccurs="0"/> <xsd:element ref="APPOINTMENT_ID" minOccurs="0"/> <xsd:element ref="TELEPRESENCE_MODE_CONFIGURATION" minOccurs="0"/> <xsd:element ref="TELEPRESENCE_LAYOUT_MODE" minOccurs="0"/> <xsd:element ref="CROPPING" minOccurs="0"/> <xsd:any namespace="##other" processContents="skip" minOccurs="0" maxOccurs="unbounded"/> <xsd:element ref="PARTY_LIST" minOccurs="0"/> </xsd:sequence> </xsd:complexType> </pre>

Schema `obj_res_summary_list` - Additions and Modifications

Table 1-10 `obj_res_summary_list` Schema - Additions and Modifications

Item	Description
<i>MeetingRoomSummaryContent</i>	<p>Modified complex type.</p> <p>This type contains summary information of a Meeting Room, Entry Queue or SIP Factory. Includes reference to the following new element:</p> <ul style="list-style-type: none"> • <code>TELEPRESENCE_MODE_CONFIGURATION</code> • <code>TELEPRESENCE_LAYOUT_MODE</code> <p>Used by the element: <code>MEETING_ROOM_SUMMARY</code></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="OPERATOR_CONF" minOccurs="0" /> <xsd:element ref="GATEWAY" minOccurs="0"/> : : <xsd:element ref="TELEPRESENCE_MODE_CONFIGURATION" minOccurs="0"/> <xsd:element ref="TELEPRESENCE_LAYOUT_MODE" minOccurs="0"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></pre>

Table 1-10 *obj_res_summary_list* Schema - Additions and Modifications

Item	Description
<i>ProfileSummaryContent</i>	<p>Modified complexType.</p> <p>This type contains summary information of a Profile. Includes reference to the following new element:</p> <ul style="list-style-type: none"> TELEPRESENCE_MODE_CONFIGURATION TELEPRESENCE_LAYOUT_MODE <p>Used by the element: PROFILE_SUMMARY</p> <p>Sample code:</p> <pre><xsd:complexType name="ProfileSummaryContent"> <xsd:sequence> : : <xsd:element ref="OPERATOR_CONF" minOccurs="0"/> : : <xsd:element ref="TELEPRESENCE_MODE_CONFIGURATION" minOccurs="0"/> <xsd:element ref="TELEPRESENCE_LAYOUT_MODE" minOccurs="0"/> <xsd:any namespace="##other" processContents="skip" minOccurs="0" maxOccurs="unbounded"/> </xsd:sequence> </xsd:complexType></pre>

Schema *obj_rsrc_report* - Additions and Modifications

Table 1-11 *obj_rsrc_report* Schema - Additions and Modifications

Item	Description
<i>RSRC_REPORT_RMX_CONF_LIST</i>	<p>New element.</p> <p>Contains the resource usage (listed by conf ID and for each conference its detailed resource usage) for those conferences requested by the CMA/DMA.</p> <p>Used by complexType: RsrcReportRmxConfListContent</p> <p>Sample code:</p> <pre><xsd:element name="RSRC_REPORT_RMX_CONF_LIST" type="RsrcReportRmxConfListContent"/> </xsd:element></pre>

Table 1-11 *obj_rsrc_report Schema - Additions and Modifications*

Item	Description
<i>RSRC_REPORT_RMX_CONF</i>	<p>New element.</p> <p>Contains the resource usage for a specific conference.</p> <p>Used by complexType: RsrcReportRmxConfListContent</p> <p>Sample code:</p> <pre><xsd:element name="RSRC_REPORT_RMX_CONF" type="RsrcReportRmxConfContent"/> </xsd:element></pre>
<i>RsrcReportItemType</i>	<p>Modified simpleType.</p> <p>Describes the resource type.</p> <p>Includes reference to the following new value:</p> <ul style="list-style-type: none"> enumeration audio_video <p>Used by the element: RSRC_REPORT_ITEM</p> <p>Sample code:</p> <pre>xsd:simpleType name=" RsrcReportItemType"> <xsd:restriction base="xsd:string"> <xsd:enumeration value="audio "/> <xsd:enumeration value="video"/> <xsd:enumeration value="CIF"/> <xsd:enumeration value="SD"/> <xsd:enumeration value="HD720"/> <xsd:enumeration value="HD1080"/> <xsd:enumeration value=" audio_video "/> </xsd:restriction> </xsd:simpleType></pre>

Schema trans_certificate - Additions and Modifications

Table 1-12 trans_certificate Schema - Additions and Modifications

Item	Description
SEND_CS	<p>New element.</p> <p>Sends a certificate from the MCU to the SIP Server using the CSR method.</p> <p>Used by Group: ACTIONS</p> <p>Sample Code:</p> <pre><xsd:element name="SEND_CS"> <xsd:complexType> <xsd:sequence> <xsd:element ref="CERTIFICATE"/> <xsd:any namespace="##other" processContents="skip" minOccurs="0" maxOccurs="unbounded"/> </xsd:sequence> </xsd:complexType> </xsd:element></pre>
ACTIONS	<p>Modified group.</p> <p>This group includes actions related to certificates. Includes reference to the following new elements:</p> <p>SEND_CS</p> <p>Used by the element:</p> <ul style="list-style-type: none"> ACTION TRANS_CERTIFICATE <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 6.0.0--> </xsd:choice> </xsd:group></pre>

Schema response_trans_certificate - Additions and Modifications

Table 1-13 response_trans_certificate Schema - Additions and Modifications

Item	Description
SEND_CS	<p>New element.</p> <p>Indicates that the requested action was to send a certificate from the MCU to the SIP Server using the CSR method.</p> <p>Used by Group: ACTIONS</p> <p>Sample Code: <code><xsd:element name="SEND_CS"></code> <code></xsd:element></code> </p>
ACTIONS	<p>Modified group.</p> <p>Identifies the action that was requested. Includes reference to the following new elements: SEND_CS </p> <p>Used by the element:</p> <ul style="list-style-type: none"> • ACTION • RESPONSE_TRANS_CERTIFICATE <p>Sample code: <code><xsd:group name="ACTIONS"></code> <code><xsd:choice></code> <code><xsd:element ref="SEND"/> <!-- supported from</code> <code>version 2.0.2--></code> <code><xsd:element ref="SEND_CS"/> <!-- supported from</code> <code>version 6.0.0--></code> <code></xsd:choice></code> <code></xsd:group></code> </p>

Schema trans_certificate_request - Additions and Modifications

Table 1-14 trans_certificate_request Schema - Additions and Modifications

Item	Description
CREATE_CS	<p>New element.</p> <p>Creates a new certificate request to be sent from the MCU to the SIP Server using the CSR method.</p> <p>Used by Group: ACTIONS</p> <p>Sample Code:</p> <pre><xsd:element name="CREATE_CS"> <xsd:complexType> <xsd:sequence> <xsd:element ref="CERTIFICATE_DATA"/> <xsd:any namespace="##other" processContents="skip" minOccurs="0" maxOccurs="unbounded"/> </xsd:sequence> </xsd:complexType> </xsd:element></pre>
ACTIONS	<p>Modified group.</p> <p>This group includes actions related to certificates. Includes reference to the following new elements:</p> <p>CREATE_CS</p> <p>Used by the element:</p> <ul style="list-style-type: none"> ACTION TRANS_CERTIFICATE_REQUEST <p>Sample code:</p> <pre><xsd:group name="ACTIONS"> <xsd:choice> <xsd:element ref="CREATE"/> <!-- supported from version 2.0.2--> <xsd:element ref="CREATE_CS"/> <!-- supported from version 6.0.0--> <xsd:element ref="GET"/> <!-- not supported--> </xsd:choice> </xsd:group></pre>

Schema response_trans_certificate_request - Additions and Modifications

Table 1-15 response_trans_certificate_request Schema - Additions and Modifications

Item	Description
CREATE_CS	<p>New element.</p> <p>Indicates that the requested action was to create a new certificate request to be sent from the MCU to the SIP Server using the CSR method.</p> <p>Used by Group: ACTIONS</p> <p>Sample Code:</p> <pre><xsd:element name="CREATE_CS"> <xsd:complexType> <xsd:sequence> <xsd:element ref="CERTIFICATE_REQUEST" minOccurs="0"/> </xsd:sequence> </xsd:complexType> </xsd:element></pre>
ACTIONS	<p>Modified group.</p> <p>This group includes actions related to certificates. Includes reference to the following new elements:</p> <p>CREATE_CS</p> <p>Used by the element:</p> <ul style="list-style-type: none"> ACTION RESPONSE_TRANS_CERTIFICATE_REQUEST <p>Sample code:</p> <pre><xsd:group name="ACTIONS"> <xsd:choice> <xsd:element ref="CREATE"/> <!-- supported from version 2.0.2--> <xsd:element ref="CREATE_CS"/> <!-- supported from version 6.0.0--> <xsd:element ref="GET"/> <!-- not supported--> </xsd:choice> </xsd:group></pre>

Schema trans_mcu - Additions and Modifications

Table 1-16 trans_mcu Schema - Additions and Modifications

Item	Description
GET_MCU_EXCHANGE_CONFIG_PARAMS	<p>New element.</p> <p>Retrieves the configuration parameters of the integration between the RMX and the Microsoft Exchange Server.</p> <p>Used by Group: ACTIONS</p> <p>Sample Code:</p> <pre><xsd:element name="GET_MCU_EXCHANGE_CONFIG_PARAMS"> </xsd:element></pre>
SET_MCU_EXCHANGE_CONFIG_PARAMS	<p>New element.</p> <p>Sets the configuration parameters of the integration between the RMX and the Microsoft Exchange Server.</p> <p>Used by Group: ACTIONS</p> <p>Sample Code:</p> <pre><xsd:element name="SET_MCU_EXCHANGE__CONFIG_PARAMS" type="SetMcuExchangeConfigParams"> <xsd:sequence> <xsd:element ref="MCU_EXCHANGE_CONFIG_PARAMS"/> <xsd:any namespace="##other" processContents="skip" minOccurs="0" maxOccurs="unbounded"/> </xsd:sequence> </xsd:element></pre>
MCU_EXCHANGE_CONFIG_PARAMS	<p>New element.</p> <p>Contains the configuration parameters of the integration between the RMX and the Microsoft Exchange Server.</p> <p>Used by the element: GET_MCU_EXCHANGE_CONFIG_PARAMS</p> <p>Sample Code:</p> <pre><xsd:element name="MCU_EXCHANGE_CONFIG_PARAMS" type="McuExchangeConfigParamsContent"> </xsd:element></pre>

Table 1-16 *trans_mcu Schema - Additions and Modifications (Continued)*

Item	Description
GET_LAST_SET_MCU_EXCHANGE_CONFIG_INDICATION	<p>New element.</p> <p>Retrieves the status of the last attempt to change the configuration parameters of the integration between the RMX and the Microsoft Exchange Server.</p> <p>Used by Group: ACTIONS</p> <p>Sample Code: GET_LAST_SET_MCU_EXCHANGE_CONFIG_INDICATION </xsd:element></p>
ACTIONS	<p>Modified group.</p> <p>This group includes actions of trans_mcu. Includes reference to the following new elements: GET_MCU_EXCHANGE_CONFIG_PARAMS SET_MCU_EXCHANGE_CONFIG_PARAMS GET_LAST_SET_MCU_EXCHANGE_CONFIG_INDICATION</p> <p>Used by the element:</p> <ul style="list-style-type: none"> • ACTION • TRANS_MCU <p>Sample code: <xsd:group name="ACTIONS"></p> <pre> <xsd:choice> <xsd:element ref="LOGIN"/> <xsd:element ref="LOGOUT"/> <xsd:element ref="GET_STATE"/> <xsd:element ref="GET_MEMORY_STATE"/> : : <xsd:element ref="GET_MCU_EXCHANGE_CONFIG_PARAMS"/> <xsd:element ref="SET_MCU_EXCHANGE_CONFIG_PARAMS"/> <xsd:element ref="GET_LAST_SET_MCU_EXCHANGE_CONFIG_INDICATION"/> </xsd:choice> </xsd:group> </pre>

Schema response_trans_mcu - Additions and Modifications

Table 1-17 response_trans_mcu Schema - Additions and Modifications

Item	Description
<i>GET_MCU_EXCHANGE_CONFIG_PARAMS</i>	<p>New element.</p> <p>Retrieves the configuration parameters of the integration between the RMX and the Microsoft Exchange Server.</p> <p>Used by Group: ACTIONS</p> <p>Sample Code:</p> <pre><xsd:element name="GET_MCU_EXCHANGE_CONFIG_PARAMS" type="GetMcuExchangeConfigParams"> <xsd:sequence> <xsd:element ref="MCU_EXCHANGE_CONFIG_PARAMS"/> <xsd:any namespace="##other" processContents="skip" minOccurs="0" maxOccurs="unbounded"/> </xsd:sequence> </xsd:element></pre>
<i>SET_MCU_EXCHANGE_CONFIG_PARAMS</i>	<p>New element.</p> <p>Sets the configuration parameters of the integration between the RMX and the Microsoft Exchange Server.</p> <p>Used by Group: ACTIONS</p> <p>Sample Code:</p> <pre><xsd:element name="SET_MCU_EXCHANGE_CONFIG_PARAMS" /></pre>
<i>GET_LAST_SET_MCU_EXCHANGE_CONFIG_INDICATION</i>	<p>New element.</p> <p>Contains the status of the last attempt to change the configuration parameters of the integration between the RMX and the Microsoft Exchange Server.</p> <p>Used by Group: ACTIONS</p> <p>Sample Code:</p> <pre><xsd:element name="GET_LAST_SET_MCU_EXCHANGE_CONFIG_I NDICATION"> </xsd:element></pre>

Table 1-17 *response_trans_mcu Schema - Additions and Modifications (Continued)*

Item	Description
ACTIONS	<p>Modified group.</p> <p>This group includes actions of trans_mcu. Includes reference to the following new elements:</p> <p>GET_MCU_EXCHANGE_CONFIG_PARAMS SET_MCU_EXCHANGE_CONFIG_PARAMS GET_LAST_SET_MCU_EXCHANGE_CONFIG_INDICATION</p> <p>Used by the element:</p> <ul style="list-style-type: none"> • ACTION • RESPONSE_TRANS_MCU <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"/> : : <xsd:element ref="GET_MCU_EXCHANGE_CONFIG_PARAMS"/> <xsd:element ref="SET_MCU_EXCHANGE_CONFIG_PARAMS"/> <xsd:element ref="GET_LAST_SET_MCU_EXCHANGE_CONFIG_INDICATION"/> </xsd:choice> </xsd:group></pre>

Version 5.0.1 Changes to Existing Schemas

Schema `obj_rsrc_report` - Additions and Modifications

Table 1-18 `obj_rsrc_report` Schema - Additions and Modifications

Item	Description
<code>PORT_GAUGE_VALUE</code>	<p>New element.</p> <p>The RMX can be set to alert the administrator to potential port capacity shortages. A capacity usage threshold can be set as a percentage of the total number of licensed ports in the system.</p> <p>When the threshold is exceeded, a System Alert is generated.</p> <p>The default port capacity usage threshold is 80%.</p> <p>Used by ComplexType:</p> <ul style="list-style-type: none"> <code>RsrcReportRmxListContent</code> <p>Sample Code:</p> <pre><xsd:element name="PORT_GAUGE_VALUE" type="xsd:integer" default="80"/></pre>
<code>RsrcReportRmxListContent</code>	<p>Modified complex type.</p> <p>This type contains the parameter for resource capacity usage threshold.</p> <p>Includes reference to the following new element:</p> <p>PORT_GAUGE_VALUE</p> <p>Used by the element: <code>GET_CARMEL_REPORT</code></p> <p>Sample code:</p> <pre><xsd:complexType name=" RsrcReportRmxListContent "> <xsd:sequence> <xsd:element ref=" RSRC_REPORT_RMX " minOccurs="0" maxOccurs="unbounded /> <xsd:element ref="PORT_GAUGE_VALUE " /> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></pre>

Schema trans_rsrc_report - Additions and Modifications

Table 1-19 trans_rsrc_report Schema - Additions and Modifications

Item	Description
SET_PORT_GAUGE	<p>New element.</p> <p>Sets the port usage percentage threshold. When the threshold is exceeded, a System Alert is generated.</p> <p>Includes reference to the element: PORT_GAUGE_VALUE</p> <p>Used by Group:</p> <ul style="list-style-type: none"> ACTIONS <p>Sample Code:</p> <pre><xsd:element name="SET_PORT_GAUGE"> <xsd:complexType> <xsd:sequence> <xsd:element ref="PORT_GAUGE_VALUE"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other" /> </xsd:sequence> </xsd:complexType> </xsd:element></pre>
ACTIONS	<p>Modified Group.</p> <p>This group includes actions of trans_mcu.</p> <p>Includes reference to the following new element: SET_PORT_GAUGE</p> <p>Used by the element:</p> <ul style="list-style-type: none"> ACTION TRANS_RSRC_REPORT <p>Sample code:</p> <pre><xsd:group name="ACTIONS"> <xsd:choice> <xsd:element ref="GET_CARMEL_REPORT"/> <xsd:element ref="GET_MGC"/> <xsd:element ref="GET_MGC_25"/> <xsd:element ref="SET_METHOD"/> <xsd:element ref="SET_PORT_GAUGE"/> </xsd:choice> </xsd:group></pre>

Schema response_trans_rsrc_report - Additions and Modifications

Table 1-20 response_trans_rsrc_report Schema - Additions and Modifications

Item	Description
SET_PORT_GAUGE	<p>New element.</p> <p>Indicates that the port usage percentage threshold was set as requested by the action. When the threshold is exceeded, a System Alert is generated.</p> <p>Used by Group:</p> <ul style="list-style-type: none"> ACTIONS <p>Sample Code:</p> <pre><xsd:element name="SET_PORT_GAUGE"/></pre>
ACTIONS	<p>Modified Group.</p> <p>This group includes actions of trans_mcu.</p> <p>Includes reference to the following new element:</p> <p>SET_PORT_GAUGE</p> <p>Used by the element:</p> <ul style="list-style-type: none"> ACTION RESPONSE_TRANS_RSRC_REPORT <p>Sample code:</p> <pre><xsd:group name="ACTIONS"> <xsd:choice> <xsd:element ref="GET_MGC "/> <xsd:element ref="GET_MGC_25"/> <xsd:element ref="SET_METHOD "/> <xsd:element ref="GET_CARMEL_REPORT "/> <xsd:element ref="SET_PORT_GAUGE " /> </xsd:choice> </xsd:group></pre>

Schema common_trans - Additions and Modifications

Table 1-21 common_trans Schema - Additions and Modifications

Item	Description
AUDIBLE_ALARM_ENABLE	<p>New element.</p> <p>Indicates whether the Audible Alarm option is enabled for the logged in user. When enabled, an audible alarm can be activated and played when participants request Operator Assistance to help RMX Users detect this event.</p> <p>Values are:</p> <ul style="list-style-type: none"> True - the Audible Alarm option is enabled for the logged in user. False - the Audible Alarm option is disabled for the logged in user. <p>Used by complexType:</p> <ul style="list-style-type: none"> LoginResponseContent <p>Sample code:</p> <pre><xsd:element name="AUDIBLE_ALARM_ENABLE" type="xsd:boolean"/></pre>

Table 1-21 common_trans Schema - Additions and Modifications (Continued)

Item	Description
<i>LoginResponseContent</i>	<p>Modified complexType.</p> <p>This type contains login parameters. Includes reference to the following new elements: AUDIBLE_ALARM_ENABLE</p> <p>Used by the element: CONF_STATUS</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="API_NUMBER" minOccurs="0"/> <xsd:element ref="PRODUCT_TYPE" minOccurs="0"/> <xsd:element ref="HTTP_PORT" minOccurs="0"/> <xsd:element ref="PASSWORD_EXPIRATION_DAYS_LEFT" minOccurs="0"/> <xsd:element ref="SYSTEM_CARDS_MODE" minOccurs="0"/> <xsd:element ref="SYSTEM_RAM_SIZE" minOccurs="0"/> <xsd:element ref="JITC_MODE" minOccurs="0"/> <xsd:element ref="SESSION_TIMEOUT_IN_MINUTES" minOccurs="0"/> <xsd:element ref="LOGIN_RECORDS" minOccurs="0"/> <xsd:element ref="PASSWORD_EXPIRATION_WARNING_DAYS " minOccurs="0"/> <xsd:element ref="HIDE_CONFERENCE_PASSWORD" minOccurs="0"/> <xsd:element ref="SEPARATED_MANAGEMENT_NETWORK" minOccurs="0"/> <xsd:element ref="AUDIBLE_ALARM_ENABLE" minOccurs="0"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType> </pre>

Schema **obj_operator** - Additions and Modifications

Table 1-22 *obj_operator* Schema - Additions and Modifications

Item	Description
<i>AUDIBLE_ALARM_DATA</i>	<p>New element. The Audible Alarm parameters for the logged in User.</p> <p>Used by complexType:</p> <ul style="list-style-type: none"> <i>AudibleAlarmContent</i> <p>Sample code: <code><xsd:element name="AUDIBLE_ALARM_DATA" type="AudibleAlarmContent"/></code> </p>
<i>AUDIBLE_ALARM_TYPE</i>	<p>New element. The type of event for which the Audible Alarm is played.</p> <p>Used by simpleType:</p> <ul style="list-style-type: none"> <i>AudibleAlarmType</i> <p>Sample code: <code><xsd:element name="AUDIBLE_ALARM_TYPE" type="AudibleAlarmType"/></code> </p>
<i>ENABLE</i>	<p>New element. Indicates if the Audible Alarm option is enabled for the logged in user. When enabled, an audible alarm can be activated and played when participants request Operator Assistance to help RMX Users detect this event.</p> <p>Values are:</p> <ul style="list-style-type: none"> True - the Audible Alarm option is enabled for the logged in user. False - the Audible Alarm option is disabled for the logged in user. <p>Used by complexType:</p> <ul style="list-style-type: none"> <i>AudibleAlarmContent</i> <p>Sample code: <code><xsd:element name="ENABLE" type="xsd:boolean"/></code> </p>

Table 1-22 *obj_operator Schema - Additions and Modifications (Continued)*

Item	Description
<i>REPEAT</i>	<p>New element. Indicates if the Audible Alarm will be played repeatedly when an event occurs.</p> <p>Values are: True - the Audible Alarm will be played repeatedly. False - the Audible Alarm is not repeated and will be played only once.</p> <p>Used by complexType: <ul style="list-style-type: none"> AudibleAlarmContent </p> <p>Sample code: <xsd:element name="REPEAT" type="xsd:boolean"/> </p>
<i>NUM_OF_AUDIBLE_REPETITIONS</i>	<p>New element. Indicates the number of times the audible alarm will be played.</p> <p>Used by complexType: <ul style="list-style-type: none"> AudibleAlarmContent </p> <p>Sample code: <xsd:element name="NUM_OF_AUDIBLE_REPETITIONS" type="xsd:integer"/> </p>
<i>REPETITIONS_INTERVAL</i>	<p>New element. Indicates the number of seconds that the system will wait before playing the Audible Alarm again. Range: 1-1000</p> <p>Used by complexType: <ul style="list-style-type: none"> AudibleAlarmContent </p> <p>Sample code: <xsd:element name="REPETITIONS_INTERVAL " type="xsd:integer"/> </p>

Table 1-22 *obj_operator Schema - Additions and Modifications (Continued)*

Item	Description
<i>AudibleAlarmContent</i>	<p>New complexType. This type contains the Audible Alarm parameters for the logged in User. Includes reference to the following new elements: AUDIBLE_ALARM_TYPE ENABLE REPEAT NUM_OF_AUDIBLE_REPETITIONS REPETITIONS_INTERVAL</p> <p>Used by the element: AUDIBLE_ALARM_DATA</p> <p>Sample code: <pre><xsd:complexType name="AudibleAlarmContent"> <xsd:sequence> <xsd:element ref="AUDIBLE_ALARM_TYPE" /> <xsd:element ref="ENABLE" /> <xsd:element ref="REPEAT" /> <xsd:element ref="NUM_OF_AUDIBLE_REPETITIONS" /> <xsd:element ref="REPETITIONS_INTERVAL" /> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other" /> </xsd:sequence> </xsd:complexType></pre></p>
<i>AudibleAlarmType</i>	<p>New simpleType. Contains the type of event for which the Audible Alarm is played.</p> <p>Used by the element: AUDIBLE_ALARM_TYPE</p> <p>Sample Code: <pre><xsd:simpleType name="AudibleAlarmType"> <xsd:restriction base="xsd:string"> <xsd:enumeration value="AwaitingOperatorAssistance"/> </xsd:restriction> </xsd:simpleType></pre></p>

Schema response_trans_operator - Additions and Modifications

Table 1-23 response_trans_operator Schema - Additions and Modifications

Item	Description
RESPONSE_TRANS_OPERATOR	<p>Modified element.</p> <p>Contains the contains the response to the trans_operator schema that is used to manage users. Includes information of the following elements:</p> <ul style="list-style-type: none"> RETURN_STATUS NEW_OPERATOR CHANGE_PASSWORD DELETE_OPERATOR ACTION SET_OPERATOR_AUDIBLE_ALARM GET_OPERATOR_AUDIBLE_ALARM <p>Used by Group:</p> <ul style="list-style-type: none"> ACTIONS <p>Sample Code:</p> <pre><xsd:element name="RESPONSE_TRANS_OPERATOR"> <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_OPERATOR_AUDIBLE_ALARM	<p>New element.</p> <p>Indicates that the requested action was to get the user's audible alarms configuration.</p> <p>Used by Group:</p> <ul style="list-style-type: none"> ACTIONS <p>Sample Code:</p> <pre><xsd:element name="GET_OPERATOR_AUDIBLE_ALARM"> <xsd:complexType> <xsd:sequence> <xsd:element ref="AUDIBLE_ALARM_DATA" /> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other" /> </xsd:sequence> </xsd:complexType> </xsd:element></pre>

Table 1-23 *response_trans_operator Schema - Additions and Modifications (Continued)*

Item	Description
SET_OPERATOR_AUDIBLE_ALARM	<p>New element.</p> <p>Indicates that the requested action was to set the user's audible alarms configuration.</p> <p>Used by Group:</p> <ul style="list-style-type: none"> ACTIONS <p>Sample Code:</p> <pre><xsd:element name="SET_OPERATOR_AUDIBLE_ALARM"> </xsd:element></pre>

Schema trans_operator - Additions and Modifications

Table 1-24 *trans_operator Schema - Additions and Modifications*

Item	Description
SET_OPERATOR_AUDIBLE_ALARM	<p>New element.</p> <p>Sets the user's audible alarm parameters. Includes reference to the following elements</p> <p>USER_NAME</p> <p>AUDIBLE_ALARM_DATA</p> <p>Used by Group:</p> <ul style="list-style-type: none"> ACTIONS <p>Sample Code:</p> <pre><xsd:element name="SET_OPERATOR_AUDIBLE_ALARM"> xsd:complexType> <xsd:sequence> <xsd:element ref="USER_NAME"/> <xsd:element ref="AUDIBLE_ALARM_DATA" /> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other" /> </xsd:sequence> </xsd:complexType> </xsd:element></pre>

Table 1-24 *trans_operator Schema - Additions and Modifications (Continued)*

Item	Description
<i>GET_OPERATOR_AUDIBLE_ALARM</i>	<p>New element.</p> <p>Retrieves the user's audible alarms configuration. Includes reference to the following elements</p> <p>USER_NAME</p> <p>Used by Group:</p> <ul style="list-style-type: none"> ACTIONS <p>Sample Code:</p> <pre><xsd:element name="GET_OPERATOR_AUDIBLE_ALARM"> <xsd:complexType> <xsd:sequence> <xsd:element ref="USER_NAME"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other" /> </xsd:sequence> </xsd:complexType> </xsd:element></pre>
<i>ACTIONS</i>	<p>Modified group.</p> <p>Contains the actions to be performed. Includes the new actions:</p> <p>SET_OPERATOR_AUDIBLE_ALARM GET_OPERATOR_AUDIBLE_ALARM</p> <p>Used by the element:</p> <ul style="list-style-type: none"> ACTION RESPONSE_TRANS_OPERATOR <p>Sample code:</p> <pre><xsd:group name="ACTIONS"> <xsd:choice> <xsd:element ref="NEW_OPERATOR"/> <xsd:element ref="CHANGE_PASSWORD"/> <xsd:element ref="DELETE_OPERATOR"/> <xsd:element ref="SET_OPERATOR_AUDIBLE_ALARM" /> <xsd:element ref="GET_OPERATOR_AUDIBLE_ALARM" /> </xsd:choice> </xsd:group></pre>

Schema **obj_party** - Additions

Table 1-25 *obj_party* Schema - Additions

Item	Description
<i>USER_IDENTIFIER_STRING</i>	<p>New Element.</p> <p>Adds the extension or conference password to the dialing string of a dial-out participant. Can be used for the recording link that connects to a conference that requires password upon connection.</p> <p>Note: this element is available also in version 5.0.</p> <p>Used by the ComplexType: PartyContent</p> <p>Sample code:</p> <pre><xsd:element name="USER_IDENTIFIER_STRING" type="xsd:string"></pre> <pre></xsd:element></pre>

Version 5.0 - New Schemas

The following schemas were added to the RMX XML API kit in version 5.0.

All the new schemas are used to set and monitor the speed and transmit/receive mode of each LAN port used by the RMX 4000.

Table 1-26 *New Schema List*

Schema Name	Description
obj_ethernet_settings	Holds information about a LAN port of the RMX 4000.
obj_ethernet_settings_list	Holds information about all LAN ports of the RMX 4000.
response_trans_ethernet_settings	Contains the response to the trans_ethernet_settings schema, which is used to manage the LAN ports of the RMX 4000.
response_trans_ethernet_settings_list	Contains the response to the trans_ethernet_settings_list schema, which is used to retrieve details of the LAN ports of the RMX 4000.
trans_ethernet_settings	Used to manage the LAN ports of the RMX 4000.
trans_ethernet_settings_list	Used to retrieve details of all the LAN ports of the RMX 4000.

For setting and monitoring the speed and transmit/receive mode of each LAN port used by the RMX 2000, use the existing schemas, for example, obj_ip_service, obj_ip_service_list, trans_ip_service, trans_ip_services_list, response_trans_ip_service and response_trans_ip_services_list.

Schema obj_ethernet_settings - Additions

Table 1-27 *obj_ethernet_settings Schema - Additions and Modifications*

Item	Description
ETHERNET_SETTINGS	<p>New element.</p> <p>Contains the Ethernet Settings parameters for the RMX 4000: The LAN Port, the port type and the transmit/receive speed. Includes information of the following elements:</p> <ul style="list-style-type: none"> SLOT_NUMBER PORT ETHERNET_PORT_TYPE SPEED <p>Used by ComplexType:</p> <ul style="list-style-type: none"> • UPDATE_ETHERNET_SETTINGS <p>Sample Code:</p> <pre><xsd:element name="ETHERNET_SETTINGS" type="EthernetSettingsContent"> </xsd:element></pre>

Table 1-27 *obj_ethernet_settings Schema - Additions and Modifications (Continued)*

Item	Description
<i>ETHERNET_PORT_TYPE</i>	<p>New element.</p> <p>Contains the LAN port type. Values are taken from SimpleType: EthernetPortType</p> <p>Used by ComplexType:</p> <ul style="list-style-type: none"> EthernetSettingsContent <p>Sample Code:</p> <pre><xsd:element name="ETHERNET_PORT_TYPE" type="EthernetPortType"> </xsd:element></pre>
<i>EthernetPortType</i>	<p>Simple type.</p> <p>This type identifies the possible LAN port types of the RMX 4000.</p> <p>Possible values are:</p> <ul style="list-style-type: none"> Management_1 - first Management port Management_2 - second Management port ShM - Shelf Manager port Signaling_1 - first Signaling port Signaling_2 - second Signaling port Media - media port Modem - modem port <p>Used by the element: ETHERNET_PORT_TYPE</p> <p>Sample code:</p> <pre><xsd:simpleType name=" PingIpType "> <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:restriction> </xsd:simpleType></pre>

Schema obj_ethernet_settings_list - Additions

Table 1-28 obj_ethernet_settings_list Schema - Additions and Modifications

Item	Description
ETHERNET_SETTINGS_LIST	<p>New element.</p> <p>Contains a list of the LAN ports and their parameters. Includes information of the following elements:</p> <ul style="list-style-type: none"> OBJ_TOKEN CHANGED ETHERNET_SETTINGS <p>Used by ComplexType:</p> <ul style="list-style-type: none"> GET <p>Sample Code:</p> <pre><xsd:element name="ETHERNET_SETTINGS_LIST" type="EthernetSettingsListContent "> </xsd:element></pre>

Schema response_trans_ethernet_settings - Additions

Table 1-29 response_trans_ethernet_settings Schema - Additions and Modifications

Item	Description
RESPONSE_TRANS_ETHERNET_SETTINGS	<p>New element.</p> <p>Contains the response transaction of Ethernet Settings for one of the RMX 4000 LAN ports.</p> <p>Sample Code:</p> <pre><xsd:element name=" RESPONSE_TRANS_ETHERNET_SETTINGS "> </xsd:element></pre>
ACTIONS	<p>Group type.</p> <p>This group includes actions of trans_mcu. It contains reference to the element: GET.</p> <p>Sample code:</p> <pre><xsd group name=" ACTIONS"> <xsd:choice> <xsd:element ref=" UPDATE_ETHERNET_SETTINGS "/> </xsd:choice > </xsd:group ></pre>

Schema response_trans_ethernet_settings_list - Additions

Table 1-30 response_trans_ethernet_settings Schema - Additions and Modifications

Item	Description
<i>RESPONSE_TRANS_ETHERNET_SETTINGS_LIST</i>	<p>New element.</p> <p>Contains the response transaction of Ethernet Settings list for the RMX 4000.</p> <p>Sample Code: <code><xsd:element name="RESPONSE_TRANS_ETHERNET_SETTINGS_LIST "></code> <code></xsd:element></code> </p>
<i>GET</i>	<p>New element.</p> <p>Contains the response transaction of getting the Ethernet Settings list for the RMX 4000.</p> <p>Used by the Group: ACTIONS</p> <p>Sample Code: <code><xsd:element name=" GET"></code> <code></xsd:element></code> </p>
<i>ACTIONS</i>	<p>Group type.</p> <p>This group includes actions of trans_mcu. It contains reference to the element: GET.</p> <p>Sample code: <code><xsd:group name=" ACTIONS"></code> <code><xsd:choice></code> <code><xsd:element ref=" GET "/></code> <code></xsd:choice ></code> <code></xsd:group ></code> </p>

Schema trans_ethernet_settings - Additions

Table 1-31 trans_ethernet_settings Schema - Additions and Modifications

Item	Description
<i>TRANS_ETHERNET_SETTINGS</i>	<p>New element.</p> <p>Contains the a transaction of Ethernet Settings of the RMX 4000.</p> <p>Sample code: <code><xsd:element name=" TRANS_ETHERNET_SETTINGS "></code> <code></xsd:element></code> </p>

Table 1-31 *trans_ethernet_settings* Schema - Additions and Modifications (Continued)

Item	Description
<i>UPDATE_ETHERNET_SETTINGS</i>	<p>New element.</p> <p>Contains a transaction of updating the Ethernet Settings of the RMX 4000.</p> <p>Used by the group: ACTIONS</p> <p>Sample code: <code><xsd:element name="UPDATE_ETHERNET_SETTINGS"></code> <code></xsd:element></code> </p>
<i>ACTIONS</i>	<p>Updated Group.</p> <p>Includes actions of trans_mcu.</p> <p>Used by the element: ACTION</p> <p>Sample code: <code><xsd group name=" ACTIONS"></code> <code><xsd:choice></code> <code><xsd:element ref=" UPDATE_ETHERNET_SETTINGS</code> <code>"/></code> <code></xsd:choice ></code> <code></xsd:group ></code> </p>

Schema *trans_ethernet_settings_list* - Additions

Table 1-32 *trans_ethernet_settings_list* Schema - Additions and Modifications

Item	Description
<i>TRANS_ETHERNET_SETTINGS_LIST</i>	<p>New element.</p> <p>Contains the a transaction of retrieving Ethernet Settings of the RMX 4000.</p> <p>Sample code: <code><xsd:element name="</code> <code>TRANS_ETHERNET_SETTINGS_LIST "></code> <code></xsd:element></code> </p>

Table 1-32 *trans_ethernet_settings_list* Schema - Additions and Modifications (Continued)

Item	Description
<i>GET</i>	<p>New element.</p> <p>Contains a transaction of retrieving the Ethernet Settings list of the RMX 4000.</p> <p>Used by the group: ACTIONS</p> <p>Sample code: <code><xsd:element name=" GET"></code> <code></xsd:element></code> </p>
<i>ACTIONS</i>	<p>Updated Group.</p> <p>Includes actions of trans_mcu.</p> <p>Used by the element: ACTION</p> <p>Sample code: <code><xsd group name=" ACTIONS"></code> <code><xsd:choice></code> <code><xsd:element ref=" GET "/></code> <code></xsd:choice ></code> <code></xsd:group ></code> </p>

Version 5.0 Changes to Existing Schemas

Schema common_obj_ip_span - Additions and Modifications

Table 1-33 common_obj_ip_span Schema - Additions and Modifications

Item	Description
IpSpanContent	<p>Modified complex type.</p> <p>This type contains parameters of the IP span. Includes reference to the following new element: IP_V6_LIST</p> <p>Used by the element: IP_SPAN</p> <p>Sample code:</p> <pre><xsd:complexType name=" IpSpanContent"> <xsd:sequence> <xsd:element ref=" LINE_NUMBER "/> <xsd:element ref=" SERVICE_PROVIDER_NAME " minOccurs="0"/> <!--not supported--> <xsd:element ref=" IP " minOccurs="0"/> <xsd:element ref=" ALIAS_LIST " minOccurs="0"/> <xsd:element ref=" RAS_PORT " minOccurs="0"/> <xsd:element ref=" CALL_SIGNAL_PORT " minOccurs="0"/> <xsd:element ref=" SPEED " minOccurs="0"/> <xsd:element ref=" PORT_RANGE " minOccurs="0"/> <xsd:element ref=" HOST_NAME " minOccurs="0"/> <xsd:element ref=" NAT " minOccurs="0"/> <xsd:element ref=" IP_V6_LIST " minOccurs="0"/> <xsd:any processContents="skip" minOccurs="0 </xsd:sequence> </xsd:complexType></pre>

Schema common_trans - Additions and Modifications

Table 1-34 common_trans Schema - Additions and Modifications

Item	Description
JITC_MODE	<p>New element.</p> <p>Indicates whether the Enhanced Security Mode is enabled for the MCU. When enabled, Various security features and rules are enforced on the MCU, for example strong passwords and user lockout,</p> <p>Values are:</p> <ul style="list-style-type: none"> True - Enhanced Security Mode is enabled for the MCU. False - Enhanced Security Mode is disabled for the MCU. <p>Used by complexType:</p> <ul style="list-style-type: none"> LoginResponseContent (page <p>Sample code:</p> <pre><xsd:element name="JITC_MODE" type="xsd:boolean"> </xsd:element></pre>
SEPARATED_MANAGEMENT_NETWORK	<p>New element.</p> <p>Indicates if <i>Network Separation</i> is enabled or disabled for the RMX. When enabled, all signaling between IP endpoints and the RMX is via LAN 2 port, while all RMX management sessions are hosted via LAN 3 port.</p> <p>Values are:</p> <ul style="list-style-type: none"> true - <i>Network Separation</i> is enabled false - <i>Network Separation</i> is disabled <p>Used by complexType:</p> <ul style="list-style-type: none"> LoginResponseContent <p>Sample code:</p> <pre><xsd:element name="SEPARATED_MANAGEMENT_NETWORK" type="xsd:boolean"> </xsd:element></pre>

Table 1-34 *common_trans Schema - Additions and Modifications (Continued)*

Item	Description
<i>LOGIN_RECORDS</i>	<p>New element.</p> <p>This element contains information about the last successful and unsuccessful Login attempts of a user. Values are:</p> <ul style="list-style-type: none"> • Date and Time of the Login attempt. • IP Address of the workstation initiating the Login attempt. • The list of unsuccessful Login attempts. The list can contain up to ten records. <p>Used by complexType:</p> <ul style="list-style-type: none"> • LoginResponseContent <p>Sample code:</p> <pre><xsd:element name="LOGIN_RECORDS" type="LoginRecordsContent"/> </xsd:element></pre>
<i>LAST_LOGIN</i>	<p>New element.</p> <p>This element contains information about the user's last successful login attempt. Values are:</p> <ul style="list-style-type: none"> • Date and Time of the Login attempt. • IP Address of the workstation initiating the Login attempt. <p>Used by complexType:</p> <ul style="list-style-type: none"> • LoginRecordsContent <p>Sample code:</p> <pre><xsd:element name="LAST_LOGIN" type="LastLoginContent"/> </xsd:element></pre>
<i>LOGIN_RECORD</i>	<p>New element.</p> <p>This element contains information about the user's login. Values are:</p> <ul style="list-style-type: none"> • Date and Time of the Login attempt. • IP Address of the workstation initiating the Login attempt. <p>Used by complexType:</p> <ul style="list-style-type: none"> • LoginRecordContent <p>Sample code:</p> <pre><xsd:element name="LOGIN_RECORD" type="LoginRecordContent"/></pre>

Table 1-34 *common_trans Schema - Additions and Modifications (Continued)*

Item	Description
<i>FAILED_LOGINS</i>	<p>New element.</p> <p>This element contains information about the user's unsuccessful login attempts. Up to 10 unsuccessful login attempts are recorded.</p> <p>Values are:</p> <ul style="list-style-type: none"> • Date and Time of the Login attempt. • IP Address of the workstation initiating the Login attempt. <p>Used by complexType: LoginRecordsContent</p> <p>Sample code: <code><xsd:element name="FAILED_LOGINS" type="FailedLoginsContent"/></code></p>
<i>DATE</i>	<p>New element.</p> <p>This element contains date and time information.</p> <p>Values are:</p> <ul style="list-style-type: none"> • Date and Time <p>Used by complexType:</p> <ul style="list-style-type: none"> • LoginRecordContent <p>Sample code: <code><xsd:element name="IP_ADDRESS" type="IpAddressType"/></code></p>
<i>IP_ADDRESS</i>	<p>New element.</p> <p>This element contains the IP address information.</p> <p>Values are:</p> <ul style="list-style-type: none"> • IP address string <p>Used by complexType: LoginRecordContent</p> <p>Sample code: <code><xsd:element name="IP_ADDRESS" type="IpAddressType"/></code></p>

Table 1-34 *common_trans Schema - Additions and Modifications (Continued)*

Item	Description
<i>SESSION_TIMEOUT_IN_MINUTES</i>	<p>New element.</p> <p>If there is no input from the user or if the connection is idle for longer than the number of minutes specified by this element, the connection to the RMX is terminated.</p> <p>Possible values (in minutes):</p> <ul style="list-style-type: none"> • 0 means Session Timeout is disabled, however this feature cannot be disabled when the RMX is in Enhanced Security Mode (JITC_MODE=YES) • 1-999 <p>Used by complexType:</p> <ul style="list-style-type: none"> • LoginResponseContent <p>Sample code:</p> <pre><xsd:element ref="SESSION_TIMEOUT_IN_MINUTES" minOccurs="0"/></pre>
<i>PASSWORD_EXPIRATION_WARNING_DAYS</i>	<p>New element.</p> <p>This element defines the number of days until password expiration for the display of a warning to the user.</p> <p>Possible values:</p> <ul style="list-style-type: none"> • 0 - password expiry warnings are not displayed • 1-14 days to display the expiration warning Default in <i>Enhanced Security Mode</i>: 7 <p>Used by complexType:</p> <ul style="list-style-type: none"> • LoginResponseContent <p>Sample code:</p> <pre><xsd:element name="PASSWORD_EXPIRATION_WARNING_DAYS" type="xsd:integer" default="7"/></pre>

Table 1-34 *common_trans Schema - Additions and Modifications (Continued)*

Item	Description
<i>HIDE_CONFERENCE_PASSWORD</i>	<p>New element.</p> <p>Conference and Chairperson Passwords that are displayed in the RMX Web Client or RMX Manager can be hidden when viewing the properties of the conference.</p> <p>Possible values:</p> <p>True - Conference and Chairperson Passwords are hidden and replaced by asterisks in the RMX Web Client, RMX Manager, Audit Event and Log files.</p> <p>False - The conference and chairperson passwords will be displayed as is.</p> <p>Used by complexType:</p> <ul style="list-style-type: none"> LoginResponseContent <p>Sample code:</p> <pre><xsd:element name="HIDE_CONFERENCE_PASSWORD" type="xsd:boolean"/></pre>
<i>BACKUP_STATE</i>	<p>New element.</p> <p>Indicates the state of the Backup configuration process.</p> <p>Values are:</p> <ul style="list-style-type: none"> success - Backup process succeeded in_progress - Backup process is in progress failure - Backup process failed failure_timeout - failed to backup the configuration as timeout was reached failure_tar - failed to backup the configuration due to failure in tarring the file failure_encrypt - failed to backup the configuration due to failure in file encryption idle - Backup process was not performed <p>Used by complexType:</p> <ul style="list-style-type: none"> MCUStateContent <p>Sample code:</p> <pre><xsd:element name=" BACKUP_STATE " type=" BackupProgressType " default=" success "> </xsd:element></pre>

Table 1-34 *common_trans Schema - Additions and Modifications (Continued)*

Item	Description
<i>RESTORE_STATE</i>	<p>New element.</p> <p>Indicates the state of the Restore configuration process.</p> <p>Values are:</p> <ul style="list-style-type: none"> • success - Restore process succeeded • in_progress - Restore process is in progress • failure - Restore process failed • failure_timeout - failed to restore the configuration as timeout was reached • failure_untar - failed to restore the configuration due to failure in un-tarring the file • failure_encrypt - failed to restore the configuration due to failure in file encryption • idle - Restore process was not performed <p>Used by complexType:</p> <ul style="list-style-type: none"> • MCUStateContent <p>Sample code:</p> <pre><xsd:element name="RESTORE_STATE" type="RestoreProgressType" default="success"> </xsd:element></pre>
<i>PING</i>	<p>New element.</p> <p>This element contains the IP type and the destination of ping:</p> <ul style="list-style-type: none"> • PING_IP_TYPE • PING_DESTINATION <p>Used by complexType:</p> <ul style="list-style-type: none"> • SetPingContent <p>Sample code:</p> <pre><xsd:element name="PING" type="PingContent"> </xsd:element></pre>
<i>PING_IP_TYPE</i>	<p>New element.</p> <p>This element contains the IP type value:</p> <ul style="list-style-type: none"> • IPv4 • IPv6 <p>Used by complexType:</p> <ul style="list-style-type: none"> • PingContent <p>Sample code:</p> <pre><xsd:element name="PING_IP_TYPE" type="PingIpType"> </xsd:element></pre>

Table 1-34 *common_trans Schema - Additions and Modifications (Continued)*

Item	Description
<i>PING_DESTINATION</i>	<p>New element.</p> <p>This element contains the IP address of the pinged entity.</p> <p>Used by complexType:</p> <ul style="list-style-type: none"> PingContent <p>Sample code:</p> <pre><xsd:element name=" PING_DESTINATION" type=" xsd:string"> </xsd:element></pre>
<i>PING_ID</i>	<p>New element.</p> <p>This element contains the ID of the ping operation.</p> <p>Used by complexType:</p> <ul style="list-style-type: none"> SetPingResponseContent GetPingContent <p>Sample code:</p> <pre><xsd:element name=" PING_ID" type=" xsd:integer"> </xsd:element></pre>
<i>PING_STATUS</i>	<p>New element.</p> <p>This element contains the state of the ping operation.</p> <p>Used by complexType:</p> <ul style="list-style-type: none"> GetPingStateContent <p>Sample code:</p> <pre><xsd:element name=" PING_STATUS" type=" PingStatusType "> </xsd:element></pre>
<i>PingStatusType</i>	<p>New simple type.</p> <p>The possible states of the ping operation. Values are:</p> <ul style="list-style-type: none"> ok fail <p>Used by the element: PING_STATUS</p> <p>Sample code:</p> <pre><xsd:simpleType name=" PingStatusType "> <xsd:restriction base="xsd:string"> <xsd:enumeration value=" ok "/> <xsd:enumeration value=" fail "/> </xsd:restriction> </xsd:simpleType></pre>

Table 1-34 *common_trans Schema - Additions and Modifications (Continued)*

Item	Description
<i>PingIpType</i>	<p>New simple type.</p> <p>The possible IP types of the ping sent to an IP entity. Values are:</p> <ul style="list-style-type: none"> • IPv4 • IPv6 <p>Used by the element: PING_IP_TYPE</p> <p>Sample code:</p> <pre><xsd:simpleType name=" PingIpType "> <xsd:restriction base="xsd:string"> <xsd:enumeration value=" IPv4 "/> <xsd:enumeration value=" IPv6 "/> </xsd:restriction> </xsd:simpleType></pre>
<i>BackupProgressType</i>	<p>New simple type.</p> <p>The possible states of the Backup configuration operation. Values are:</p> <ul style="list-style-type: none"> • success - Backup process succeeded • in_progress - Backup process is in progress • failure - Backup process failed • failure_timeout - failed to backup the configuration as timeout was reached • failure_tar - failed to backup the configuration due to failure in tarring the file • failure_encrypt - failed to backup the configuration due to failure in file encryption • idle - Backup process was not performed <p>Used by the element: BACKUP_STATE</p> <p>Sample code:</p> <pre><xsd:simpleType name=" BackupProgressType "> <xsd:restriction base="xsd:string"> <xsd:enumeration value=" success "/> <xsd:enumeration value=" in_progress "/> <xsd:enumeration value=" failure "/> <xsd:enumeration value=" failure_timeout "/> <xsd:enumeration value=" failure_tar "/> <xsd:enumeration value=" failure_encrypt "/> <xsd:enumeration value=" idle "/> </xsd:restriction> </xsd:simpleType></pre>

Table 1-34 *common_trans Schema - Additions and Modifications (Continued)*

Item	Description
<i>RestoreProgressType</i>	<p>New simple type.</p> <p>The possible states of the Restore configuration operation. Values are:</p> <ul style="list-style-type: none"> • success - Restore process succeeded • in_progress - Restore process is in progress • failure - Restore process failed • failure_timeout - failed to restore the configuration as timeout was reached • failure_untar - failed to restore the configuration due to failure in untarring the file • failure_encrypt - failed to restore the configuration due to failure in file encryption • idle - Restore process was not performed <p>Used by the element: RESTORE_STATE</p> <p>Sample code:</p> <pre><xsd:simpleType name=" RestoreProgressType "> <xsd:restriction base="xsd:string"> <xsd:enumeration value=" success "/> <xsd:enumeration value=" in_progress "/> <xsd:enumeration value=" failure "/> <xsd:enumeration value=" failure_timeout "/> <xsd:enumeration value=" failure_untar "/> <xsd:enumeration value=" failure_decrypt "/> <xsd:enumeration value=" idle "/> </xsd:restriction> </xsd:simpleType></pre>

Table 1-34 *common_trans Schema - Additions and Modifications (Continued)*

Item	Description
<i>ProductType</i>	<p>Modified simple type.</p> <p>A new product type was added to this type: RMX 4000</p> <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="mgc_100"/> <xsd:enumeration value="mgc_50"/> <xsd:enumeration value="mgc_25"/> <xsd:enumeration value="mgc_25_recorder"/> <xsd:enumeration value="mgc_100_plus"/> <xsd:enumeration value="mgc_50_plus"/> <xsd:enumeration value="mgc_25_plus"/> <xsd:enumeration value="Rmx"/> <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"/> <!-- before identifying the specific type --> </xsd:restriction> </xsd:simpleType> </pre>
<i>PingContent</i>	<p>New complex type.</p> <p>This type contains information about the ping operation. Includes reference to the following new element: PING_IP_TYPE PING_DESTINATION</p> <p>Used by the element: PING</p> <p>Sample code:</p> <pre> <xsd:complexType name="PingContent"> <xsd:sequence> <xsd:element ref="PING_IP_TYPE"/> <xsd:element ref="PING_DESTINATION"/> </xsd:sequence> </xsd:complexType> </pre>

Table 1-34 *common_trans Schema - Additions and Modifications (Continued)*

Item	Description
<i>FailedLoginsContent</i>	<p>New complex type.</p> <p>This type contains information about login failures. Includes reference to the following new element: LOGIN_RECORD</p> <p>Used by the element: FAILED_LOGINS</p> <p>Sample code: <pre><xsd:complexType name="FailedLoginsContent"> <xsd:sequence> <xsd:element ref="LOGIN_RECORD" minOccurs="0" maxOccurs="unbounded"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></pre></p>
<i>LoginRecordContent</i>	<p>New complex type.</p> <p>This type contains the login parameters. Includes reference to the following new elements: DATE IP_ADDRESS</p> <p>Used by the element: LOGIN_RECORD</p> <p>Sample code: <pre><xsd:complexType name="LoginRecordContent"> <xsd:sequence> <xsd:element ref="DATE" minOccurs="0"/> <xsd:element ref="IP_ADDRESS" minOccurs="0"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></pre></p>

Table 1-34 *common_trans Schema - Additions and Modifications (Continued)*

Item	Description
<i>LastLoginContent</i>	<p>New complex type.</p> <p>This type contains the parameters of the successful login. Includes reference to the following new element: LOGIN_RECORD</p> <p>Used by the element: LAST_LOGIN</p> <p>Sample code:</p> <pre><xsd:complexType name="LastLoginContent"> <xsd:sequence> <xsd:element ref="LOGIN_RECORD" minOccurs="0"/> > <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></pre>
<i>LoginRecordsContent</i>	<p>New complex type.</p> <p>This type contains the parameters of the successful login and failed login attempts. Includes reference to the following new elements: LAST_LOGIN FAILED_LOGINS</p> <p>Used by the element: LOGIN_RECORDS</p> <p>Sample code:</p> <pre><xsd:complexType name="LoginRecordsContent"> <xsd:sequence> <xsd:element ref="LAST_LOGIN" minOccurs="0"/> <xsd:element ref="FAILED_LOGINS" minOccurs="0"/> > <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></pre>

Table 1-34 *common_trans Schema - Additions and Modifications (Continued)*

Item	Description
<i>LoginResponseContent</i>	<p>Modified complexType.</p> <p>This type contains login parameters. Includes reference to the following new elements:</p> <p>JITC_MODE SESSION_TIMEOUT_IN_MINUTES LOGIN_RECORDS PASSWORD_EXPIRATION_WARNING_DAYS HIDE_CONFERENCE_PASSWORD SEPARATED_MANAGEMENT_NETWORK</p> <p>Used by the element: LOGIN</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="API_NUMBER" minOccurs="0"/> <xsd:element ref="PRODUCT_TYPE" minOccurs="0"/> <xsd:element ref="HTTP_PORT" minOccurs="0"/> <xsd:element ref="PASSWORD_EXPIRATION_DAYS_LEFT" minOccurs="0"/> <xsd:element ref="SYSTEM_CARDS_MODE" minOccurs="0"/> <xsd:element ref="SYSTEM_RAM_SIZE" minOccurs="0"/> <xsd:element ref="JITC_MODE" minOccurs="0"/> <xsd:element ref="SESSION_TIMEOUT_IN_MINUTES" minOccurs="0"/> <xsd:element ref="LOGIN_RECORDS" minOccurs="0"/> <xsd:element ref="PASSWORD_EXPIRATION_WARNING_DAYS " minOccurs="0"/> <xsd:element ref="HIDE_CONFERENCE_PASSWORD" minOccurs="0"/> <xsd:element ref="SEPARATED_MANAGEMENT_NETWORK" minOccurs="0"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></pre>

Table 1-34 *common_trans Schema - Additions and Modifications (Continued)*

Item	Description
<i>McuStateContent</i>	<p>Modified complex type.</p> <p>This type contains MCU state parameters. Includes reference to the following new element: BACKUP_STATE RESTORE_STATE</p> <p>Used by the element: MCU_STATE</p> <p>Sample code: <xsd:complexType name=" MCUStateContent "></p> <pre> <xsd:sequence> <xsd:element ref=" ID "/> <xsd:element ref=" DESCRIPTION "/> . . <xsd:element ref=" MPL_SERIAL_NUMBER "/> <xsd:element ref=" LICENSING_VALIDATION_STATE "/> <xsd:element ref=" NUMBER_OF_ACTIVE_ALARMS "/> <xsd:element ref=" NUMBER_OF_CORE_DUMPS "/> <xsd:element ref=" MEDIA_RECORDING "/> <xsd:element ref=" COLLECTING_INFO " /> <xsd:element ref=" PRODUCT_TYPE " /> <xsd:element ref=" SSH " > <xsd:element ref=" NUM_CONFERENCE_TEMPLATES " minOccurs="0"/> <!--not supported--> <xsd:element ref=" SYSTEM_STARTUP_DURATION "/ > <xsd:element ref=" BACKUP_STATE "/> <xsd:element ref=" RESTORE_STATE "/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType> </pre>

Schema common_trans_obj - Additions and Modifications

Table 1-35 common_trans_obj Schema - Additions and Modifications

Item	Description
<i>IP_V6_LIST</i>	<p>New element.</p> <p>This element contains a list of IPv6 addresses and their scopes: IP_V6_ADDRESS</p> <p>Used by complexType:</p> <ul style="list-style-type: none"> IpSpanContent <p>Sample code:</p> <pre><xsd:element name="IP_V6_LIST" type="IPv6ListContent"> </xsd:element></pre>
<i>IP_V6</i>	<p>New element.</p> <p>This element contains the IPV6 string.</p> <p>Used by complexType:</p> <ul style="list-style-type: none"> IpV6AddressContent <p>Sample code:</p> <pre><xsd:element name="IP_V6" type="IpV6AddressType"> </xsd:element></pre>
<i>IP_V6_ADDRESS</i>	<p>New element.</p> <p>This element contains an IPv6 address and its scope. Values are taken from:</p> <ul style="list-style-type: none"> IP_V6 IP_V6_ADDRESS_SCOPE <p>Used by complexType:</p> <ul style="list-style-type: none"> IPv6ListContent <p>Sample code:</p> <pre><xsd:element name="IP_V6_ADDRESS" type="IpV6AddressContent"> </xsd:element></pre>
<i>IP_V6_ADDRESS_SCOPE</i>	<p>New element.</p> <p>An IPv6 address scope.</p> <p>Used by complexType:</p> <ul style="list-style-type: none"> IpV6AddressContent <p>Sample code:</p> <pre><xsd:element name="IP_V6_ADDRESS_SCOPE" type="IpV6AddressScopeType"> </xsd:element></pre>

Table 1-35 *common_trans_obj Schema - Additions and Modifications (Continued)*

Item	Description
<i>IpV6AddressScopeType</i>	<p>New simple type.</p> <p>An IPv6 address scope. The scope is specified by the address's prefix .</p> <p>Used by the element: IP_V6_ADDRESS_SCOPE</p> <p>Sample code:</p> <pre><xsd:simpleType name="IpV6AddressScopeType"> <xsd:restriction base="xsd:string"> <xsd:enumeration value="linkLocal"/> <xsd:enumeration value="siteLocal"/> <xsd:enumeration value="global"/> <xsd:enumeration value="multicast"/> <xsd:enumeration value="loopBack"/> <xsd:enumeration value="uniqueLocalUnicast"/> <xsd:enumeration value="other"/> </xsd:restriction> </xsd:simpleType></pre>
<i>IpV6AddressType</i>	<p>New simple type.</p> <p>An IPv6 address string.</p> <p>Used by the element: IP_V6</p> <p>Sample code:</p> <pre><xsd:simpleType name="IpV6AddressType"> <xsd:restriction base="xsd:string"> <xsd:minLength value="4"/> <xsd:maxLength value="39"/> <xsd:pattern value="^(((0-9A-Fa-f){1,4}:){7}[0-9A-Fa-f]{1,4}) (((0-9A-Fa-f){1,4}:){6}:[0-9A-Fa-f]{1,4}) (((0-9A-Fa-f){1,4}:){5}:([0-9A-Fa-f]{1,4})? [0-9A-Fa-f]{1,4}) (((0-9A-Fa-f){1,4}:){4}:([0-9A-Fa-f]{1,4}){0,2} [0-9A-Fa-f]{1,4}) (((0-9A-Fa-f){1,4}:){3}:([0-9A-Fa-f]{1,4}){0,3} [0-9A-Fa-f]{1,4}) (((0-9A-Fa-f){1,4}:){2}:([0-9A-Fa-f]{1,4}){0,4} [0-9A-Fa-f]{1,4}) (((0-9A-Fa-f){1,4}:){1}:([0-9A-Fa-f]{1,4}){0,5} (\b((25[0-5]) (1\d{2}) (2[0-4]\d) (\d{1,2}))\b)\.){3}(\b((25[0-5]) (1\d{2}) (2[0-4]\d) (\d{1,2}))\b)\.){3}(\b((25[0-5]) (1\d{2}) (2[0-4]\d) (\d{1,2}))\b)\.){3}(\b((25[0-5]) (1\d{2}) (2[0-4]\d) (\d{1,2}))\b) (: ([0-9A-Fa-f]{1,4}){0,5} (\b((25[0-5]) (1\d{2}) (2[0-4]\d) (\d{1,2}))\b)\.){3}(\b((25[0-5]) (1\d{2}) (2[0-4]\d) (\d{1,2}))\b) ([0-9A-Fa-f]{1,4}){0,6} [0-9A-Fa-f]{1,4}) ([0-9A-Fa-f]{1,4}){1,7})\$"/> </xsd:restriction> </xsd:simpleType></pre>

Table 1-35 *common_trans_obj Schema - Additions and Modifications (Continued)*

Item	Description
<i>ProcessNameType</i>	<p>Modified simple type.</p> <p>This type contains process names. The process Diagnostics was added.</p> <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="Faults"/> <xsd:enumeration value="IPMCInterface"/> <xsd:enumeration value="McuMngr"/> <xsd:enumeration value="CSMngr"/> <xsd:enumeration value="ConfParty"/> <xsd:enumeration value="Cards"/> <xsd:enumeration value="Resource"/> <xsd:enumeration value="SipProxy"/> <xsd:enumeration value="DNSAgent"/> <xsd:enumeration value="Gatekeeper"/> <xsd:enumeration value="QAAPI"/> <xsd:enumeration value="CDR"/> <xsd:enumeration value="EncryptionKeyServer"/> <xsd:enumeration value="Authentication"/> <xsd:enumeration value="MplApi"/> <xsd:enumeration value="CSApi"/> <xsd:enumeration value="SNMPProcess"/> <xsd:enumeration value="ApacheModule"/> <xsd:enumeration value="GideonSim"/> <xsd:enumeration value="EndpointsSim"/> <xsd:enumeration value="Demo"/> <xsd:enumeration value="TestClient"/> <xsd:enumeration value="McuCmd"/> <xsd:enumeration value="ClientLogger"/> <xsd:enumeration value="CsModule"/> <xsd:enumeration value="CS"/> <xsd:enumeration value="Installer"/> <xsd:enumeration value="Collector"/> <xsd:enumeration value="SystemMonitoring"/> <xsd:enumeration value="Diagnostics"/> <xsd:enumeration value="RtmlsdnMngr"/> <xsd:enumeration value="CertMngr"/> <xsd:enumeration value="Auditor"/> </xsd:restriction> </xsd:simpleType></pre>

Table 1-35 *common_trans_obj Schema - Additions and Modifications (Continued)*

Item	Description
<i>IPv6ListContent</i>	<p>New complex type.</p> <p>This element contains a list of IPv6 addresses and their scopes. Includes reference to the following new element: IP_V6_ADDRESS</p> <p>Used by the element: IP_V6_LIST</p> <p>Sample code:</p> <pre><xsd:complexType name=" IPv6ListContent "> <xsd:sequence> <xsd:element ref=" IP_V6_ADDRESS " minOccurs="0"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></pre>
<i>IPv6AddressContent</i>	<p>New complex type.</p> <p>This element contains an IPv6 address and its scope. Includes reference to the following new element: IP_V6 IP_V6_ADDRESS_SCOPE</p> <p>Used by the element: IP_V6_ADDRESS</p> <p>Sample code:</p> <pre><xsd:complexType name=" IPv6AddressContent "> <xsd:sequence> <xsd:element ref=" IP_V6" minOccurs="0"/> <xsd:element ref=" IP_V6_ADDRESS_SCOPE " minOccurs="0"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></pre>

Schema audit_file_summary_list - Additions and Modifications

Table 1-36 audit_file_summary_list Schema - Additions and Modifications

Item	Description
<i>IS_RETRIEVED</i>	<p>New element.</p> <p>Indicates if the file was retrieved in the past. Values are:</p> <ul style="list-style-type: none"> true - The file was retrieved in the past false - The file was not retrieved <p>Used by complexType:</p> <ul style="list-style-type: none"> AuditFileSummaryContent <p>Sample code:</p> <pre><xsd:element name="IS_RETRIEVED" type="xsd:boolean" default="false"/> </xsd:element></pre>
<i>AuditFileSummaryContent</i>	<p>Modified complex type.</p> <p>This type contains summary information of the audit log file. Includes reference to the following new element: IS_RETRIEVED</p> <p>Used by the element: AUDIT_FILE_SUMMARY</p> <p>Sample code:</p> <pre><xsd:complexType name="AuditFileSummaryContent"> <xsd:sequence> <xsd:element ref="NAME"/> <xsd:element ref="SEQUENCE_NUMBER"/> <xsd:element ref="FILE_SIZE"/> <xsd:element ref="FIRST_MESSAGE"/> <xsd:element ref="LAST_MESSAGE"/> <xsd:element ref="CONTAINS_STARTUP"/> <xsd:element ref="VISUAL_NAME"/> <xsd:element ref="COMPRESSION_FORMAT"/> <xsd:element ref="NAME_FORMAT_VERSION"/> <xsd:element ref="IS_RETRIEVED"/> <xsd:any namespace="##other" processContents="skip" minOccurs="0" maxOccurs="unbounded"/> </xsd:sequence> </xsd:complexType></pre>

Schema obj_cdr_full - Additions and Modifications

Table 1-37 obj_cdr_full Schema - Additions and Modifications

Item	Description
<code>USER_UPDATE_PARTICIPANT_CONTINUE_IPV6_ADDRESS</code>	<p>New element.</p> <p>Adds the IPV6 address string of the participant, if relevant.</p> <p>Used by the group:</p> <ul style="list-style-type: none"> EVENT_TYPE <p>Sample code:</p> <pre><xsd:element name="USER_UPDATE_PARTICIPANT_CONTINUE_IPV6_ADDRESS" type="IPv6PartyAddressContent"/> </xsd:element></pre>
<code>USER_ADD_PARTICIPANT_CONTINUE_IPV6_ADDRESS</code>	<p>New element.</p> <p>Adds the IPV6 address string of the participant, if relevant.</p> <p>Used by the group:</p> <ul style="list-style-type: none"> EVENT_TYPE <p>Sample code:</p> <pre><xsd:element name="USER_ADD_PARTICIPANT_CONTINUE_IPV6_ADDRESS" type="IPv6PartyAddressContent"/> </xsd:element></pre>
<code>NEW_UNDEFINED_PARTY_CONTINUE_IPV6_ADDRESS</code>	<p>New element.</p> <p>Adds the IPV6 address string of an undefined participant, if relevant.</p> <p>Used by the group:</p> <ul style="list-style-type: none"> EVENT_TYPE <p>Sample code:</p> <pre><xsd:element name="NEW_UNDEFINED_PARTY_CONTINUE_IPV6_ADDRESS" type="IPv6PartyAddressContent"/> </xsd:element></pre>

Table 1-37 *obj_cdr_full Schema - Additions and Modifications (Continued)*

Item	Description
RESERVED_PARTICIPANT_CONTINUE_IPV6_ADDRESS	<p>New element.</p> <p>Adds the IPV6 address string of a defined participant, if relevant.</p> <p>Used by the group:</p> <ul style="list-style-type: none"> • EVENT_TYPE <p>Sample code:</p> <pre><xsd:element name="RESERVED_PARTICIPANT_CONTINUE_IPV6_ ADDRESS" type="IPv6PartyAddressContent"/> </xsd:element></pre>
CDR_EVENT	<p>Modified element.</p> <p>This element contains the event properties. The following events were added:</p> <p>USER_UPDATE_PARTICIPANT_CONTINUE_IPV6_ADDRESS USER_ADD_PARTICIPANT_CONTINUE_IPV6_ADDRESS NEW_UNDEFINED_PARTY_CONTINUE_IPV6_ADDRESS RESERVED_PARTICIPANT_CONTINUE_IPV6_ADDRESS</p> <p>Used by the element: CdrFullContent</p> <p>Sample code:</p> <pre><xsd:element name="CDR_EVENT" type="CdrEventContent"> </xsd:element></pre>

Table 1-37 *obj_cdr_full Schema - Additions and Modifications (Continued)*

Item	Description
<i>IPv6PartyAddressContent</i>	<p>New complex type.</p> <p>This type contains the IPv6 address.</p> <p>Includes reference to the following new element: IP_V6</p> <p>Used by the element:</p> <ul style="list-style-type: none"> • USER_UPDATE_PARTICIPANT_CONTINUE_IPV6_ADDRESS USER_ADD_PARTICIPANT_CONTINUE_IPV6_ • ADDRESS NEW_UNDEFINED_PARTY_CONTINUE_IPV6_ • ADDRESS RESERVED_PARTICIPANT_CONTINUE_IPV6_ • ADDRESS <p>Sample code:</p> <pre><xsd:complexType name="IPv6PartyAddressContent"> <xsd:sequence> <xsd:element ref="IP_V6"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></pre>

Schema **obj_dynamic_ip_service** - Additions and Modifications

Table 1-38 *obj_dynamic_ip_service Schema - Additions and Modifications*

Item	Description
<i>SIP_SERVER_INFO</i>	<p>Modified element.</p> <p>Adds the IPV6 address string of the SIP Server, if relevant.</p> <p>Contains reference to the element IP_V6.</p> <p>Used by complexType:</p> <ul style="list-style-type: none"> • SipServerListInfoContent <p>Sample code:</p> <pre><xsd:element name="SIP_SERVER_INFO" type="SipServerInfoContent"> </xsd:element></pre>

Table 1-38 *obj_dynamic_ip_service Schema - Additions and Modifications (Continued)*

Item	Description
DYNAMIC_GAEKEEPER	<p>Modified element.</p> <p>Adds the IPV6 address string of the gatekeeper, if relevant. Contains reference to the element IP_V6.</p> <p>Used by complexType:</p> <ul style="list-style-type: none"> DynamicGateKeeperListContent <p>Sample code:</p> <pre><xsd:element name="DYNAMIC_GAEKEEPER" type="DynamicGatekeeperContent"> </xsd:element></pre>
	<p>New element.</p> <p>Adds the IPV6 address string of an undefined participant, if relevant.</p> <p>Used by the group:</p> <ul style="list-style-type: none"> EVENT_TYPE <p>Sample code:</p> <pre><xsd:element name="NEW_UNDEFINED_PARTY_CONTINUE_IPV6_ADDRESS" type="IPv6PartyAddressContent"/> </xsd:element></pre>
	<p>New element.</p> <p>Adds the IPV6 address string of a defined participant, if relevant.</p> <p>Used by the group:</p> <ul style="list-style-type: none"> EVENT_TYPE <p>Sample code:</p> <pre><xsd:element name="RESERVED_PARTICIPANT_CONTINUE_IPV6_ADDRESS" type="IPv6PartyAddressContent"/> </xsd:element></pre>

Table 1-38 *obj_dynamic_ip_service Schema - Additions and Modifications (Continued)*

Item	Description
	<p>Modified element.</p> <p>This element contains the event properties. The following events were added:</p> <p>USER_UPDATE_PARTICIPANT_CONTINUE_IPV6_ADDRESS USER_ADD_PARTICIPANT_CONTINUE_IPV6_ADDRESS NEW_UNDEFINED_PARTY_CONTINUE_IPV6_ADDRESS RESERVED_PARTICIPANT_CONTINUE_IPV6_ADDRESS</p> <p>Used by the element: CdrFullContent</p> <p>Sample code: <xsd:element name="CDR_EVENT" type="CdrEventContent"> </xsd:element></p>
	<p>New complex type.</p> <p>This type contains the IPv6 address. Includes reference to the following new element: IP_V6</p> <p>Used by the element:</p> <ul style="list-style-type: none"> • USER_UPDATE_PARTICIPANT_CONTINUE_IPV6_ADDRESS • USER_ADD_PARTICIPANT_CONTINUE_IPV6_ADDRESS • ADDRESS • NEW_UNDEFINED_PARTY_CONTINUE_IPV6_ADDRESS • ADDRESS • RESERVED_PARTICIPANT_CONTINUE_IPV6_ADDRESS • ADDRESS <p>Sample code: <xsd:complexType name="IpV6PartyAddressContent"> <xsd:sequence> <xsd:element ref="IP_V6"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></p>

Schema **obj_ip_service** - Additions and Modifications

Table 1-39 *obj_ip_service* Schema - Additions and Modifications

Item	Description
<i>SERVERS_IP_V6_LIST</i>	<p>New element.</p> <p>This element contains a list of IPv6 addresses of the DNS servers. Values are taken from: IPv6ListContent</p> <p>Used by complexType:</p> <ul style="list-style-type: none"> DnsContent <p>Sample code:</p> <pre><xsd:element name="SERVERS_IP_V6_LIST" type="IPv6ListContent"> </xsd:element></pre>
<i>IP_TYPE</i>	<p>New element.</p> <p>This element contains the Version of the IP Network Service.</p> <p>Values are:</p> <ul style="list-style-type: none"> None IPv4 IPv6 Both <p>Used by complexType:</p> <ul style="list-style-type: none"> IP_DETAILS <p>Sample code:</p> <pre><xsd:element name="IP_TYPE" type="IpTypeType "> </xsd:element></pre>
<i>IP_V6_CONFIGURATION_TYPE</i>	<p>New element.</p> <p>This element contains the configuration method of IPv6. Values are taken from SimpleType: IpV6ConfigurationTypeType</p> <p>Used by complexType:</p> <ul style="list-style-type: none"> IP_DETAILS <p>Sample code:</p> <pre><xsd:element name="IP_V6_CONFIGURATION_TYPE" type=" IpV6ConfigurationTypeType "> </xsd:element></pre>

Table 1-39 *obj_ip_service Schema - Additions and Modifications (Continued)*

Item	Description
<i>DEFAULT_ROUTER_IP_V6</i>	<p>New element.</p> <p>This element contains IPv6 address of the default router. Values are taken from SimpleType: IpV6AddressType</p> <p>Used by complexType:</p> <ul style="list-style-type: none"> IP_DETAILS <p>Sample code:</p> <pre><xsd:element name="DEFAULT_ROUTER_IP_V6" type=" IpV6AddressType "> </xsd:element></pre>
<i>IpTypeType</i>	<p>New Simple Type.</p> <p>This type includes the possible version of the IP network Service. Values are:</p> <ul style="list-style-type: none"> none ipv4 ipv6 both <p>Used by element:</p> <ul style="list-style-type: none"> IP_TYPE <p>Sample code:</p> <pre><xsd:simpleType name=" IpTypeType "> <xsd:restriction base="xsd:string"> <xsd:enumeration value=" none "/> <xsd:enumeration value=" ipv4 "/> <xsd:enumeration value=" ipv6 "/> <xsd:enumeration value=" both "/> </xsd:restriction> </xsd:simpleType></pre>

Table 1-39 *obj_ip_service Schema - Additions and Modifications (Continued)*

Item	Description
<i>IpV6ConfigurationType</i>	<p>New Simple Type.</p> <p>This type includes the possible methods for allocating IPv6 addresses. Values are:</p> <ul style="list-style-type: none"> • auto • dhcp • manual <p>Used by element:</p> <ul style="list-style-type: none"> • IP_TYPE <p>Sample code:</p> <pre><xsd:simpleType name=" IpV6ConfigurationTypeType "> <xsd:restriction base="xsd:string"> <xsd:enumeration value=" auto "/> <xsd:enumeration value=" dhcp "/> <xsd:enumeration value=" manual "/> </xsd:restriction> </xsd:simpleType></pre>
<i>DnsContent</i>	<p>Modified complex type.</p> <p>This type contains the DNS parameters. Includes reference to the following new element: SERVERS_IP_V6_LIST</p> <p>Used by the element:</p> <ul style="list-style-type: none"> • IP_DETAILS <p>Sample code:</p> <pre><xsd:complexType name=" DnsContent"> <xsd:sequence> <xsd:element ref=" DNS_STATUS " minOccurs="0"/> <xsd:element ref=" IP_PREFIX " minOccurs="0"/> <xsd:element ref=" REGISTER_DNS_NAME_AUTOMATICALLY " minOccurs="0"/> <xsd:element ref=" SERVERS_IP_LIST " minOccurs="0"/> <xsd:element ref=" DOMAIN_NAME " minOccurs="0"/> <xsd:element ref=" ACCEPT_CALLS_VIA_DNS " minOccurs="0"/> <xsd:element ref=" ENABLE " minOccurs="0"/> <xsd:element ref=" SERVERS_IP_V6_LIST " minOccurs="0"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></pre>

Table 1-39 *obj_ip_service Schema - Additions and Modifications (Continued)*

Item	Description
<i>IP_DETAILS</i>	<p>Modified complex type.</p> <p>This type contains the IP Network Service parameters. Includes reference to the following new elements:</p> <p>IP_TYPE IP_V6_CONFIGURATION_TYPE DEFAULT_ROUTER_IP_V6</p> <p>Used by the element:</p> <ul style="list-style-type: none"> IP_SPAN <p>Sample code:</p> <pre> xsd:complexType name="IpSpanContent"> <xsd:sequence> <xsd:element ref="NAME"/> <xsd:element ref="IP" minOccurs="0"/> <xsd:element ref="MASK" minOccurs="0"/> <xsd:element ref="DEFAULT_ROUTER" minOccurs="0"/> <xsd:element ref="ROUTER_LIST" minOccurs="0"/> <xsd:element ref="DHCP_SERVER" minOccurs="0"/> <xsd:element ref="GATEKEEPER_TYPE" minOccurs="0"/> <xsd:element ref="GATEKEEPER" minOccurs="0"/> <xsd:element ref="IP_SPAN_LIST" minOccurs="0"/> <xsd:element ref="IP_QOS" minOccurs="0"/> <xsd:element ref="FORWARDING" minOccurs="0"/> <xsd:element ref="PROTOCOL_TYPE" minOccurs="0"/> <xsd:element ref="DNS" minOccurs="0"/> <xsd:element ref="SECURITY" minOccurs="0"/> <xsd:element ref="SIP" minOccurs="0"/> . . <xsd:element ref="IP_SERVICE_TYPE" minOccurs="0"/> <xsd:element ref="IS_REGISTER_AS_GATEWAY" minOccurs="0"/> <xsd:element ref="VLAN" minOccurs="0"/> <xsd:element ref="PORT_SPEED_LIST" minOccurs="0"/> <xsd:element ref="IS_SECURED" minOccurs="0"/> <xsd:element ref="PERMANENT_NETWORK" minOccurs="0"/> <!--not supported - fixed value is true--> <xsd:element ref="IP_TYPE" minOccurs="0"/> <xsd:element ref="IP_V6_CONFIGURATION_TYPE" minOccurs="0"/> <xsd:element ref="DEFAULT_ROUTER_IP_V6" minOccurs="0"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType> </pre>

Schema `obj_log_file_summary_list` - Additions and Modifications

Table 1-40 `obj_log_file_summary_list` Schema - Additions and Modifications

Item	Description
<code>IS_RETRIEVED</code>	<p>New element.</p> <p>Indicates if the log file was retrieved in the past. Values are:</p> <ul style="list-style-type: none"> true - The file was retrieved in the past false - The file was not retrieved <p>Used by complexType:</p> <ul style="list-style-type: none"> <code>LogFileSummaryContent</code> <p>Sample code:</p> <pre><xsd:element name="IS_RETRIEVED" type="xsd:boolean" default="false"/> </xsd:element></pre>
<code>LogFileSummaryContent</code>	<p>Modified complex type.</p> <p>This type contains summary information of the log file. Includes reference to the following new element: IS_RETRIEVED</p> <p>Used by the element: <code>LOG_FILE_SUMMARY</code></p> <p>Sample code:</p> <pre><xsd:complexType name="LogFileSummaryContent"> <xsd:sequence> <xsd:element ref="NAME"/> <xsd:element ref="SEQUENCE_NUMBER"/> <xsd:element ref="FILE_SIZE"/> <xsd:element ref="FIRST_MESSAGE"/> <xsd:element ref="LAST_MESSAGE"/> <xsd:element ref="CONTAINS_STARTUP"/> <xsd:element ref="VISUAL_NAME"/> <xsd:element ref="COMPRESSION_FORMAT"/> <xsd:element ref="NAME_FORMAT_VERSION"/> <xsd:element ref="IS_RETRIEVED"/> <xsd:any namespace="##other" processContents="skip" minOccurs="0" maxOccurs="unbounded"/> </xsd:sequence> </xsd:complexType></pre>

Schema obj_ongoing_party - Additions and Modifications

Table 1-41 obj_ongoing_party Schema - Additions and Modifications

Item	Description
PARTY_IPV6_ADDRESS	<p>New element.</p> <p>The IPV6 address of the participant's endpoint. This element is relevant only to IPv6 participants. minLength: 4 maxLength: 39 pattern: <code>((([0-9A-Fa-f]{1,4}:){7}[0-9A-Fa-f]{1,4}) ((([0-9A-Fa-f]{1,4}:){6}:[0-9A-Fa-f]{1,4}) ((([0-9A-Fa-f]{1,4}:){5}:([0-9A-Fa-f]{1,4}:)?[0-9A-Fa-f]{1,4}) ((([0-9A-Fa-f]{1,4}:){4}:([0-9A-Fa-f]{1,4}:){0,2}[0-9A-Fa-f]{1,4}) ((([0-9A-Fa-f]{1,4}:){3}:([0-9A-Fa-f]{1,4}:){0,3}[0-9A-Fa-f]{1,4}) ((([0-9A-Fa-f]{1,4}:){2}:([0-9A-Fa-f]{1,4}:){0,4}[0-9A-Fa-f]{1,4}) ((([0-9A-Fa-f]{1,4}:){6}:(\b((25[0-5]) (1\d{2}) (2[0-4]\d) (\d{1,2})))\b)\.){3}(\b((25[0-5]) (1\d{2}) (2[0-4]\d) (\d{1,2})))\b) ((([0-9A-Fa-f]{1,4}:){0,5}:((\b((25[0-5]) (1\d{2}) (2[0-4]\d) (\d{1,2})))\b)\.){3}(\b((25[0-5]) (1\d{2}) (2[0-4]\d) (\d{1,2})))\b) ((([0-9A-Fa-f]{1,4}:){0,5}:((\b((25[0-5]) (1\d{2}) (2[0-4]\d) (\d{1,2})))\b)\.){3}\b((25[0-5]) (1\d{2}) (2[0-4]\d) (\d{1,2})))\b) ((([0-9A-Fa-f]{1,4}:){0,5}:[0-9A-Fa-f]{1,4}) ((([0-9A-Fa-f]{1,4}:){0,6}[0-9A-Fa-f]{1,4}) ((([0-9A-Fa-f]{1,4}:){1,7}:))</code> </p> <p>Used by complexType:</p> <ul style="list-style-type: none"> BasicContent H323ChannelContent <p>Sample code:</p> <pre><xsd:element name="PARTY_IPV6_ADDRESS" type="IpV6AddressType"> </xsd:element></pre>

Table 1-41 *obj_ongoing_party Schema - Additions and Modifications (Continued)*

Item	Description
MCU_IPV6_ADDRESS	<p>New element.</p> <p>The IPV6 address of the media card installed in the MCU to which the participant's endpoint is connected. This element is relevant only to IPv6 participants.</p> <p>minLength: 4 maxLength: 39 pattern:</p> <pre>((([0-9A-Fa-f]{1,4}){7}[0-9A-Fa-f]{1,4}) ((([0-9A-Fa-f]{1,4}){6}:[0-9A-Fa-f]{1,4}) ((([0-9A-Fa-f]{1,4}){5}:([0-9A-Fa-f]{1,4})?)?[0-9A-Fa-f]{1,4}) ((([0-9A-Fa-f]{1,4}){4}:([0-9A-Fa-f]{1,4}){0,2}[0-9A-Fa-f]{1,4}) ((([0-9A-Fa-f]{1,4}){3}:([0-9A-Fa-f]{1,4}){0,3}[0-9A-Fa-f]{1,4}) ((([0-9A-Fa-f]{1,4}){2}:([0-9A-Fa-f]{1,4}){0,4}[0-9A-Fa-f]{1,4}) ((([0-9A-Fa-f]{1,4}){6}(\b((25[0-5]) (1\d{2}) (2[0-4]\d) (\d{1,2})))\b)\.){3}(\b((25[0-5]) (1\d{2}) (2[0-4]\d) (\d{1,2})))\b) ([0-9A-Fa-f]{1,4}){0,5}:(\b((25[0-5]) (1\d{2}) (2[0-4]\d) (\d{1,2})))\b)\.){3}(\b((25[0-5]) (1\d{2}) (2[0-4]\d) (\d{1,2})))\b) (: ([0-9A-Fa-f]{1,4}){0,5}:(\b((25[0-5]) (1\d{2}) (2[0-4]\d) (\d{1,2})))\b)\.){3}(\b((25[0-5]) (1\d{2}) (2[0-4]\d) (\d{1,2})))\b) ([0-9A-Fa-f]{1,4}){0,5}[0-9A-Fa-f]{1,4}) (: ([0-9A-Fa-f]{1,4}){0,6}[0-9A-Fa-f]{1,4}) ([0-9A-Fa-f]{1,4}){1,7})))</pre> <p>Used by complexType:</p> <ul style="list-style-type: none"> BasicContent H323ChannelContent <p>Sample code:</p> <pre><xsd:element name="MCU_IPV6_ADDRESS" type="IPv6AddressType"> </xsd:element></pre>

Table 1-41 *obj_ongoing_party Schema - Additions and Modifications (Continued)*

Item	Description
<i>BasicContent</i>	<p>Modified complex type.</p> <p>This element contains the general parameters of the connected participants. Includes reference to the following new element: PARTY_IPV6_ADDRESS MCU_IPV6_ADDRESS</p> <p>Used by the element: BASIC_PARAM</p> <p>Sample code:</p> <pre> <xsd:complexType name="BasicContent"> <xsd:sequence> <xsd:element ref="MAP_PROBLEM"/> <xsd:element ref="BIT_RATE"/> <xsd:element ref="PROTOCOL"/> <xsd:element ref="CHANNEL_INDEX"/> <xsd:element ref="CHANNEL_TYPE"/> <xsd:element ref="PARTY_ADDRESS" minOccurs="0"/> > <xsd:element ref="MCU_ADDRESS" minOccurs="0"/> <xsd:element ref="PARTY_PORT"/> <xsd:element ref="MCU_PORT"/> <xsd:element ref="CONNECTION_STATUS"/> <xsd:element ref="PARTY_IPV6_ADDRESS" minOccurs="0"/> <xsd:element ref="MCU_IPV6_ADDRESS" minOccurs="0"/> <xsd:any namespace="##other" processContents="skip" minOccurs="0" maxOccurs="unbounded"/> </xsd:sequence> </xsd:complexType> </pre>

Table 1-41 *obj_ongoing_party Schema - Additions and Modifications (Continued)*

Item	Description
<i>H323ChannelContent</i>	<p>Modified complex type.</p> <p>This type contains the parameters of an IP channel. Includes reference to the following new element: PARTY_IPV6_ADDRESS MCU_IPV6_ADDRESS</p> <p>Used by the element: H323_CHANNEL</p> <p>Sample code:</p> <pre> <xsd:sequence> <xsd:element ref="H323_CHANNEL_TYPE"/> <xsd:element ref="CONNECTED"/> <xsd:element ref="ACTUAL_RATE" minOccurs="0"/> <xsd:element ref="PARTY_ADDRESS" minOccurs="0"/> > <xsd:element ref="PARTY_PORT" minOccurs="0"/> <xsd:element ref="MCU_ADDRESS" minOccurs="0"/> <xsd:element ref="MCU_PORT" minOccurs="0"/> <xsd:element ref="PACKETS_IN" minOccurs="0"/> <xsd:element ref="PACKETS_USE" minOccurs="0"/> <xsd:element ref="H323_FRAME_RATE" minOccurs="0"/> <!--relevant only for video_in,video_out --> <xsd:element ref="VIDEO_RESOLUTION" minOccurs="0"/> <xsd:element ref="PARTY_IPV6_ADDRESS" minOccurs="0"/> <xsd:element ref="MCU_IPV6_ADDRESS" minOccurs="0"/> <xsd:any namespace="##other" processContents="skip" minOccurs="0" maxOccurs="unbounded"/> </xsd:sequence> </xsd:complexType> </pre>

Schema obj_operator - Additions and Modifications

Table 1-42 obj_operator Schema - Additions and Modifications

Item	Description
<i>OLD_USER_NAME</i>	<p>New element.</p> <p>Displays the current User name, for renaming.</p> <p>Used by complexType:</p> <ul style="list-style-type: none"> UserContent <p>Sample code: <xsd:element name="OLD_USER_NAME" type="xsd:string"></p>
<i>NEW_USER_NAME</i>	<p>New element.</p> <p>Indicates the new User name, for renaming.</p> <p>Used by complexType:</p> <ul style="list-style-type: none"> UserContent <p>Sample code: <xsd:element name="NEW_USER_NAME" type="xsd:string"></p>
<i>DISABLED</i>	<p>New element.</p> <p>Indicates if the User is enabled or disabled. When disabled, the user cannot login to the RMX.</p> <p>true - the user is disabled false - the user is enabled</p> <p>Used by complexType:</p> <ul style="list-style-type: none"> UserContent <p>Sample code: <xsd:element name="DISABLED" type="xsd:boolean"/></p>
<i>LOCKED</i>	<p>New element.</p> <p>Indicates if the User is locked. When locked, the user cannot login to the RMX.</p> <p>true - the user is locked false - the user is unlocked</p> <p>Used by complexType:</p> <ul style="list-style-type: none"> UserContent <p>Sample code: <xsd:element name="LOCKED" type="xsd:boolean"/></p>

Table 1-42 *obj_operator Schema - Additions and Modifications (Continued)*

Item	Description
<i>UserContent</i>	<p>Modified complex type.</p> <p>This type contains the parameters of a User. Includes reference to the following new element:</p> <p>OLD_USER_NAME NEW_USER_NAME DISABLED LOCKED</p> <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:any namespace="##other" processContents="skip" minOccurs="0" maxOccurs="unbounded"/> </xsd:sequence> </xsd:complexType></pre>

Schema obj_party - Additions and Modifications

Table 1-43 obj_party Schema - Additions and Modifications

Item	Description
PartyContent	<p>Modified complex type.</p> <p>This type contains the parameters of a participant. The SIGNALING_PORT element is only applicable to GET operations Includes reference to the following new element: IP_V6</p> <p>Used by the element: PARTY</p> <p>Sample code:</p> <pre> xsd:complexType name="PartyContent"> <xsd:sequence> <xsd:element ref="NAME" minOccurs="0"/> <xsd:element ref="ID" minOccurs="0"/> <xsd:element ref="INTERFACE" minOccurs="0"/> <xsd:element ref="CONNECTION" minOccurs="0"/> <xsd:element ref="MEET_ME_METHOD" minOccurs="0"/> <!--supported from version 2.0--> <xsd:element ref="NUM_TYPE" minOccurs="0"/> <!--supported from version 2.0--> <xsd:element ref="BONDING" minOccurs="0"/> <!--supported from version 3.0--> <xsd:element ref="NET_CHANNEL_NUMBER" minOccurs="0"/> <!--supported from version 3.0--> <xsd:element ref="VIDEO_PROTOCOL" minOccurs="0"/> <xsd:element ref="CALL_CONTENT" minOccurs="0"/> <xsd:element ref="ALIAS" minOccurs="0"/> <xsd:element ref="IP" minOccurs="0"/> <xsd:element ref="SIGNALING_PORT" minOccurs="0"/> <!-- This param valid only in get option --> . . . <xsd:element ref="FORCE" minOccurs="0"/> <xsd:element ref="IP_V6" minOccurs="0"/> <xsd:any namespace="##other" processContents="skip" minOccurs="0" maxOccurs="unbounded"/> </xsd:sequence> </xsd:complexType> </pre>

Schema response_trans_mcu - Additions and Modifications

Table 1-44 response_trans_mcu Schema - Additions and Modifications

Item	Description
<i>BACKUP_CONFIG_START</i>	<p>New element.</p> <p>Holds information about the start of the <i>Backup Configuration</i> process.</p> <p>Used by complexType:</p> <ul style="list-style-type: none"> ACTIONS <p>Sample code:</p> <pre><xsd:element name=" BACKUP_CONFIG_START "/></pre>
<i>BACKUP_CONFIG_FINISH</i>	<p>New element.</p> <p>Holds information about the completion of the <i>Backup Configuration</i> process.</p> <p>Used by complexType:</p> <ul style="list-style-type: none"> ACTIONS <p>Sample code:</p> <pre><xsd:element name=" BACKUP_CONFIG_FINISH "/></pre>
<i>RESTORE_CONFIG_START</i>	<p>New element.</p> <p>Holds information about the start of the <i>Restore Configuration</i> process.</p> <p>Used by complexType:</p> <ul style="list-style-type: none"> ACTIONS <p>Sample code:</p> <pre><xsd:element name=" RESTORE_CONFIG_START "/></pre>
<i>RESTORE_CONFIG_FINISH</i>	<p>New element.</p> <p>Holds information about the completion of the <i>Restore Configuration</i> process.</p> <p>Used by complexType:</p> <ul style="list-style-type: none"> ACTIONS <p>Sample code:</p> <pre><xsd:element name=" RESTORE_CONFIG_FINISH "/></pre>

Table 1-44 *response_trans_mcu Schema - Additions and Modifications (Continued)*

Item	Description
<i>SET_PING</i>	<p>New element.</p> <p>Sends ping.</p> <p>Used by complexType:</p> <ul style="list-style-type: none"> ACTIONS <p>Sample code:</p> <pre><xsd:element name=" SET_PING " type=" SetPingResponseContent "/></pre>
<i>GET_PING</i>	<p>New element.</p> <p>Receives the ping response.</p> <p>Used by complexType:</p> <ul style="list-style-type: none"> ACTIONS <p>Sample code:</p> <pre><xsd:element name=" GET_PING " type=" GetPingResponseContent "/></pre>
<i>PING_STATE</i>	<p>New element.</p> <p>Receives the ping result.</p> <p>Used by complexType:</p> <ul style="list-style-type: none"> ACTIONS <p>Sample code:</p> <pre><xsd:element name="PING_STATE" type=" GetPingStateContent "/></pre>
<i>SetPingResponseContent</i>	<p>New complex type.</p> <p>This type contains the ID of the Ping operation. Includes reference to the following new element: PING_ID</p> <p>Used by the element: SET_PING</p> <p>Sample code:</p> <pre><xsd:complexType name=" SetPingResponseContent "> <xsd:sequence> <xsd:element ref="PING_ID" minOccurs="0"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></pre>

Table 1-44 *response_trans_mcu Schema - Additions and Modifications (Continued)*

Item	Description
<i>GetPingResponseContent</i>	<p>New complex type.</p> <p>This type contains the results of the Ping operation. Includes reference to the following new element: PING_STATE</p> <p>Used by the element: GET_PING</p> <p>Sample code: <code><xsd:complexType name=" GetPingResponseContent "></code> <code><xsd:sequence></code> <code><xsd:element ref="PING_STATE" minOccurs="0"/></code> <code><xsd:any processContents="skip" minOccurs="0"</code> <code>maxOccurs="unbounded" namespace="##other"/></code> <code></xsd:sequence></code> <code></xsd:complexType></code> </p>
<i>GetPingStateContent</i>	<p>New complex type.</p> <p>This type contains the status of the Ping operation. Includes reference to the following new element: PING_STATUS</p> <p>Used by the element: PING_STATE</p> <p>Sample code: <code><xsd:complexType name=" GetPingStateContent "></code> <code><xsd:sequence></code> <code><xsd:element ref="PING_STATUS" minOccurs="0"/></code> <code><xsd:any processContents="skip" minOccurs="0"</code> <code>maxOccurs="unbounded" namespace="##other"/></code> <code></xsd:sequence></code> <code></xsd:complexType></code> </p>

Table 1-44 *response_trans_mcu Schema - Additions and Modifications (Continued)*

Item	Description
ACTIONS	<p>Modified Group.</p> <p>Actions of trans_mcu. The following elements were added to the group:</p> <p>BACKUP_CONFIG_START BACKUP_CONFIG_FINISH RESTORE_CONFIG_START RESTORE_CONFIG_FINISH SET_PING GET_PING</p> <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=" RESET " /> <xsd:element ref=" GET_TIME " /> <xsd:element ref=" SET_TIME " /> <xsd:element ref=" GET_DIRECTORY " /> <xsd:element ref=" GET_VIRTUAL_DIRECTORY " /> <xsd:element ref=" GET_VIRTUAL_DIRECTORY_RECURSIVE " /> <xsd:element ref=" CREATE_DIRECTORY " /> <xsd:element ref=" RENAME " /> <xsd:element ref=" REMOVE_DIRECTORY " /> . . . <xsd:element ref=" GET_ALLOCATION_MODE " /> <xsd:element ref=" SET_ALLOCATION_MODE " /> <xsd:element ref=" BACKUP_CONFIG_START " /> <xsd:element ref=" BACKUP_CONFIG_FINISH " /> <xsd:element ref=" RESTORE_CONFIG_START " /> <xsd:element ref=" RESTORE_CONFIG_FINISH " /> <xsd:element ref=" SET_PING " /> <xsd:element ref=" GET_PING " /> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:choice > </xsd:group ></pre>

Schema response_trans_operator - Additions and Modifications

Table 1-45 response_trans_operator Schema - Additions and Modifications

Item	Description
<i>DISABLE_OPERATOR</i>	<p>New element.</p> <p>This element indicates if the RMX user is disabled. When disabled, the user cannot login to the RMX management application.</p> <p>Used by the Group:</p> <ul style="list-style-type: none"> ACTIONS <p>Sample code:</p> <pre><xsd:element name="DISABLE_OPERATOR "> </xsd:element></pre>
<i>UNLOCK_OPERATOR</i>	<p>New element.</p> <p>This element indicates if the RMX User is unlocked and can login to the RMX management application.</p> <p>Used by the Group:</p> <ul style="list-style-type: none"> ACTIONS <p>Sample code:</p> <pre><xsd:element name="UNLOCK_OPERATOR"></pre>
<i>ACTION</i>	<p>Modified element.</p> <p>Contains the ACTIONS group which identifies the requested action. Includes the new actions:</p> <pre>DISABLE_OPERATOR UNLOCK_OPERATOR</pre> <p>Used by the element:</p> <ul style="list-style-type: none"> RESPONSE_TRANS_OPERATOR <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_mcu - Additions and Modifications

Table 1-46 trans_mcu Schema - Additions and Modifications

Item	Description
<i>BACKUP_CONFIG_START</i>	<p>New element.</p> <p>Starts the <i>Backup Configuration</i> process.</p> <p>Used by complexType:</p> <ul style="list-style-type: none"> ACTIONS <p>Sample code:</p> <pre><xsd:element name=" BACKUP_CONFIG_START "/></pre>
<i>BACKUP_CONFIG_FINISH</i>	<p>New element.</p> <p>Completes the <i>Backup Configuration</i> process.</p> <p>Used by complexType:</p> <ul style="list-style-type: none"> ACTIONS <p>Sample code:</p> <pre><xsd:element name=" BACKUP_CONFIG_FINISH "/></pre>
<i>RESTORE_CONFIG_START</i>	<p>New element.</p> <p>Starts the <i>Restore Configuration</i> process.</p> <p>Used by complexType:</p> <ul style="list-style-type: none"> ACTIONS <p>Sample code:</p> <pre><xsd:element name=" RESTORE_CONFIG_START "/></pre>
<i>RESTORE_CONFIG_FINISH</i>	<p>New element.</p> <p>Completes of the <i>Restore Configuration</i> process.</p> <p>Used by complexType:</p> <ul style="list-style-type: none"> ACTIONS <p>Sample code:</p> <pre><xsd:element name="RESTORE_CONFIG_FINISH" type="RestoreCfgFinish"/></pre>

Table 1-46 *trans_mcu Schema - Additions and Modifications (Continued)*

Item	Description
<i>SET_PING</i>	<p>New element.</p> <p>Sends ping.</p> <p>Used by complexType:</p> <ul style="list-style-type: none"> ACTIONS <p>Sample code: <code><xsd:element name="SET_PING" type="SetPingContent"/></code></p>
<i>GET_PING</i>	<p>New element.</p> <p>Receives the ping response.</p> <p>Used by complexType:</p> <ul style="list-style-type: none"> ACTIONS <p>Sample code: <code><xsd:element name="GET_PING" type="GetPingContent"/></code></p>
<i>PING_STATE</i>	<p>New element.</p> <p>Receives the ping result.</p> <p>Used by complexType:</p> <ul style="list-style-type: none"> ACTIONS <p>Sample code: <code><xsd:element name="PING_STATE" type="GetPingStateContent"/></code></p>
<i>LOGOUT</i>	<p>New element.</p> <p>Defines the logout parameters.</p> <p>Used by complexType:</p> <ul style="list-style-type: none"> LogoutContent <p>Sample code: <code><xsd:element name="LOGOUT" type="LogoutContent"/></code></p>

Table 1-46 *trans_mcu Schema - Additions and Modifications (Continued)*

Item	Description
<i>REASON</i>	<p>New element.</p> <p>Indicates the reason for logging out of the MCU. Possible reasons are included in the type: LogoutReasonType</p> <p>Used by complexType:</p> <ul style="list-style-type: none"> LogoutContent <p>Sample code: <code><xsd:element name="REASON" type="LogoutReasonType" default="normal"/></code> </p>
<i>LogoutReasonType</i>	<p>New simple type.</p> <p>This type contains logout reason. Possible reasons are:</p> <ul style="list-style-type: none"> normal session_expired <p>Used by the element: LOGOUT</p> <p>Sample code: <code><xsd:simpleType name="LogoutReasonType"> <xsd:restriction base="xsd:string"> <xsd:enumeration value="normal"/> <xsd:enumeration value="session_expired"/> </xsd:restriction> </xsd:simpleType></code> </p>
<i>LogoutContent</i>	<p>New complex type.</p> <p>This type contains the logout parameters.</p> <p>Used by the element: LOGOUT</p> <p>Sample code: <code><xsd:complexType name="LogoutContent"> <xsd:sequence> <xsd:element ref="REASON"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></code> </p>

Table 1-46 *trans_mcu Schema - Additions and Modifications (Continued)*

Item	Description
<i>RestoreCfgFinish</i>	<p>New complex type.</p> <p>Restores the configuration file.</p> <p>Used by the element: RESTORE_CONFIG_FINISH</p> <p>Sample code:</p> <pre><xsd:complexType name=" RestoreCfgFinish "> <xsd:sequence> <xsd:element name="RESTORE_CONFIG_FILE" type="xsd:string"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></pre>
<i>SetPingContent</i>	<p>New complex type.</p> <p>This type sets the parameters of the Ping operation.</p> <p>Used by the element: SET_PING</p> <p>Sample code:</p> <pre><xsd:complexType name=" SetPingContent "> <xsd:sequence> <xsd:element ref="PING"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></pre>
<i>GetPingContent</i>	<p>New complex type.</p> <p>This type retrieves the ID of the Ping operation. Includes reference to the following new element: PING_ID</p> <p>Used by the element: GET_PING</p> <p>Sample code:</p> <pre><xsd:complexType name=" GetPingContent "> <xsd:sequence> <xsd:element ref="PING_ID"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></pre>

Table 1-46 *trans_mcu Schema - Additions and Modifications (Continued)*

Item	Description
ACTIONS	<p>Modified Group.</p> <p>A group that identifies the action that was requested using the trans_mcu schema.</p> <p>The following elements were added to the group:</p> <p>BACKUP_CONFIG_START BACKUP_CONFIG_FINISH RESTORE_CONFIG_START RESTORE_CONFIG_FINISH SET_PING GET_PING</p> <p>Note: The following elements are not supported:</p> <p>FILE_UPDATED GET_DIRECTORY_RECURSIVE GET_DONGLE_CONFIGURATION GET_LAN_CONFIGURATION GET_MEMORY_STATE SET_LAN_CONFIGURATION UPDATE_DONGLE_CONFIGURATION</p> <p>Used by the element:</p> <ul style="list-style-type: none"> ACTION RESPONSE_TRANS_MCU <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=" RESET " /> <xsd:element ref=" GET_TIME " /> <xsd:element ref=" SET_TIME " /> <xsd:element ref=" GET_DIRECTORY " /> <xsd:element ref=" GET_VIRTUAL_DIRECTORY " /> <xsd:element ref=" GET_VIRTUAL_DIRECTORY_RECURSIVE " /> <xsd:element ref=" CREATE_DIRECTORY " /> <xsd:element ref=" RENAME " /> <xsd:element ref=" REMOVE_DIRECTORY " /> . . . <xsd:element ref=" GET_ALLOCATION_MODE " /> <xsd:element ref=" SET_ALLOCATION_MODE " /> <xsd:element ref=" BACKUP_CONFIG_START " /> <xsd:element ref=" BACKUP_CONFIG_FINISH " /> <xsd:element ref=" RESTORE_CONFIG_START " /> <xsd:element ref=" RESTORE_CONFIG_FINISH " /> <xsd:element ref=" SET_PING " /> <xsd:element ref=" GET_PING " /> </xsd:choice > </xsd:group ></pre>

Schema trans_operator - Additions and Modifications

Table 1-47 trans_operator Schema - Additions and Modifications

Item	Description
<i>DISABLE_OPERATOR</i>	<p>New element.</p> <p>This element disables the RMX user. When disabled, the user cannot login to the RMX management application.</p> <p>Used by the Group:</p> <ul style="list-style-type: none"> ACTIONS <p>Sample code:</p> <pre><xsd:element name="DISABLE_OPERATOR"> <xsd:complexType> <xsd:sequence> <xsd:element ref="USER_NAME"/> <xsd:element ref="DISABLED"/> <xsd:any namespace="##other" processContents="skip" minOccurs="0" maxOccurs="unbounded"/> </xsd:sequence> </xsd:complexType> </xsd:element></pre>
<i>UNLOCK_OPERATOR</i>	<p>New element.</p> <p>This element unlocks the RMX User and enables the user to login to the RMX management application.</p> <p>Used by the Group:</p> <ul style="list-style-type: none"> ACTIONS <p>Sample code:</p> <pre><xsd:element name="UNLOCK_OPERATOR"> <xsd:complexType> <xsd:sequence> <xsd:element ref="USER_NAME"/> <xsd:any namespace="##other" processContents="skip" minOccurs="0" maxOccurs="unbounded"/> </xsd:sequence> </xsd:complexType> </xsd:element></pre>

Table 1-47 *trans_operator Schema - Additions and Modifications (Continued)*

Item	Description
<i>RENAME_OPERATOR</i>	<p>New element.</p> <p>This element modifies the name of the RMX User.</p> <p>Used by the Group:</p> <ul style="list-style-type: none"> ACTIONS <p>Sample code:</p> <pre><xsd:element name="RENAME_OPERATOR"> <xsd:complexType> <xsd:sequence> <xsd:element ref="OPERATOR"/> <xsd:any namespace="##other" processContents="skip" minOccurs="0" maxOccurs="unbounded"/> </xsd:sequence> </xsd:complexType> </xsd:element></pre>
<i>ACTION</i>	<p>Modified element.</p> <p>Contains the ACTIONS group which identifies the actions to be performed.</p> <p>Used by the element:</p> <ul style="list-style-type: none"> TRANS_OPERATOR <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 1-47 *trans_operator Schema - Additions and Modifications (Continued)*

Item	Description
ACTIONS	<p>Modified group.</p> <p>Contains the actions to be performed. Includes the new actions:</p> <p style="padding-left: 40px;">DISABLE_OPERATOR UNLOCK_OPERATOR RENAME_OPERATOR</p> <p>Used by the element: ACTION</p> <p>Sample code:</p> <pre><xsd:group name="ACTIONS"> <xsd:choice> <xsd:element ref="NEW_OPERATOR"/> <xsd:element ref="CHANGE_PASSWORD"/> <xsd:element ref="DELETE_OPERATOR"/> <xsd:element ref="RENAME_OPERATOR"/> <xsd:element ref="DISABLE_OPERATOR"/> <xsd:element ref="UNLOCK_OPERATOR"/> </xsd:choice> </xsd:group></pre>

Version 4.1 Changes to Existing Schemas

Schema common_obj - Additions and Modifications

Table 1-48 common_obj Schema - Additions and Modifications

Item	Description
GATEWAY	<p>New element.</p> <p>Indicates whether the conference is a Gateway Session or a standard conference. Values are:</p> <ul style="list-style-type: none"> True - The conference is a Gateway Session False - The conference is a standard conference and not a gateway session. <p>Used by complexType:</p> <ul style="list-style-type: none"> ReservationContent ReservationSummaryContent ConferenceContent ConferenceSummaryContent MeetingRoomSummaryContent ProfileSummaryContent <p>Sample code:</p> <pre><xsd:element name=" GATEWAY " type="xsd:boolean"> </xsd:element></pre>
PARTY_REQUIRES_OPERATOR_ASSIST	<p>New element.</p> <p>Indicates whether or not at least one participant in the conference is waiting for assistance. Values are:</p> <ul style="list-style-type: none"> true - at least one participant in the conference is waiting for assistance false - there are no participants waiting for assistance in the conference <p>Used by complexType: ConferenceStatusType</p> <p>Sample code:</p> <pre><xsd:element name="PARTY_REQUIRES_OPERATOR_ ASSIST" type="xsd:boolean"/></pre>

Table 1-48 *common_obj Schema - Additions and Modifications (Continued)*

Item	Description
CONTENT_RESOURCES_DEFICIENCY	<p>New element.</p> <p>Indicates whether or not there are resources for <i>Sending Content to Legacy Endpoints</i> when this option is enabled for the conference and activated.</p> <p>Values are:</p> <ul style="list-style-type: none"> true - No resources are available for <i>Sending Content to Legacy Endpoints</i> false - there are available resources for <i>Sending Content to Legacy Endpoints</i> <p>Used by complexType: ConferenceStatusType</p> <p>Sample code: <xsd:element name="CONTENT_RESOURCES_DEFICIENCY" type="xsd:boolean"/></p>
OPERATOR_CONF	<p>New element.</p> <p>Indicates whether the conference is an operator conference or a standard conference.</p> <p>Values are:</p> <ul style="list-style-type: none"> true - the conference is an operator conference. false - the conference is not an operator conference. <p>Used by complexType:</p> <ul style="list-style-type: none"> ReservationContent ProfileSummaryContent ReservationSummaryContent ConferenceTemplateSummaryContent MeetingRoomSummaryContent CONF_SUMMARY_DETAILS Start1EventContent <p>Sample code: <xsd:element name="OPERATOR_CONF" type="xsd:boolean" default="false"/></p>

Table 1-48 *common_obj Schema - Additions and Modifications (Continued)*

Item	Description
CONTENT_TO_LEGACY_EPS	<p>New element.</p> <p>Indicates whether to allow a non-H.239 (legacy) endpoint to receive Content in the video channel.</p> <p>Values are:</p> <ul style="list-style-type: none"> true - The legacy endpoint can receive the Content in the video channel false - The legacy endpoint cannot receive the Content in the video channel <p>Used by complexType: ReservationContent</p> <p>Sample code:</p> <pre><xsd:element name="CONTENT_TO_LEGACY_EPS" type="xsd:boolean" default="false"/></pre>
WaitForAssitanceType	<p>Modified simple type.</p> <p>A new value was added: enumeration assitance_type_none.</p> <p>Used by the element: WAIT_FOR_ASSISTANCE</p> <p>Sample code:</p> <pre><xsd:simpleType name="WaitForAssitanceType"> <xsd:restriction base="xsd:string"> <xsd:enumeration value=" assitance_type_none "/> <xsd:enumeration value="conf_pwd_fail"/> <xsd:enumeration value="chair_pwd_fail"/> <xsd:enumeration value="req_private"/> <xsd:enumeration value="req_public"/> <xsd:enumeration value="eq_move_fail"/> <xsd:enumeration value="hold_by_oper"/> <xsd:enumeration value="hold_by_ivr"/> <xsd:enumeration value="conf_locked"/> <xsd:enumeration value="conf_secured"/> <xsd:enumeration value="illegal_audio_types"/> <xsd:enumeration value="video_party_to_audio_conf" /> <xsd:enumeration value="attended_wait"/> <xsd:enumeration value="numeric_id_fail"/> </xsd:restriction> </xsd:simpleType></pre>

Table 1-48 *common_obj Schema - Additions and Modifications (Continued)*

Item	Description
ConferenceStatusType	<p>Modified complex type.</p> <p>This type contains conference status parameters. Includes reference to the following new elements: PARTY_REQUIRES_OPERATOR_ASSIST CONTENT_RESOURCES_DEFICIENCY</p> <p>Used by the element: CONF_STATUS</p> <p>Sample code:</p> <pre><xsd:complexType name="ConferenceStatusType"> <xsd:sequence> <xsd:element ref="CONF_OK"/> <xsd:element ref="CONF_EMPTY"/> <xsd:element ref="SINGLE_PARTY"/> <xsd:element ref="NOT_FULL"/> <xsd:element ref="RESOURCES_DEFICIENCY"/> <xsd:element ref="BAD_RESOURCES"/> <xsd:element ref="PROBLEM_PARTY"/> <xsd:element ref="PARTY_REQUIRES_OPERATOR_ASSIST"/> <xsd:element ref="CONTENT_RESOURCES_DEFICIENCY"/> <xsd:any namespace="##other" processContents="skip" minOccurs="0" maxOccurs="unbounded"/> </xsd:sequence> </xsd:complexType></pre>

Table 1-48 common_obj Schema - Additions and Modifications (Continued)

Item	Description
ReservationContent	<p>Modified complex type.</p> <p>This type contains reservation parameters. Includes reference to the following new elements: OPERATOR_CONF CONTENT_TO_LEGACY_EPS GATEWAY</p> <p>Used by the element: RESERVATION</p> <p>Sample code:</p> <pre><xsd:complexType name="ReservationContent"> <xsd:sequence> : : <xsd:element ref="OPERATOR_CONF" minOccurs="0"/> <xsd:element ref="CONTENT_TO_LEGACY_EPS" minOccurs="0"/> : : <xsd:any namespace="##other" processContents="skip" minOccurs="0" maxOccurs="unbounded"/> <xsd:element ref="PARTY_LIST" minOccurs="0"/> </xsd:sequence> </xsd:complexType></pre>
ProfileSummaryContent	<p>Modified complexType.</p> <p>This type contains summary information of a Profile. Includes reference to the following new element: OPERATOR_CONF GATEWAY</p> <p>Used by the element: PROFILE_SUMMARY</p> <p>Sample code:</p> <pre><xsd:complexType name="ProfileSummaryContent"> <xsd:sequence> : : <xsd:element ref="OPERATOR_CONF" minOccurs="0"/> : : <xsd:any namespace="##other" processContents="skip" minOccurs="0" maxOccurs="unbounded"/> </xsd:sequence> </xsd:complexType></pre>

Table 1-48 *common_obj Schema - Additions and Modifications (Continued)*

Item	Description
ReservationSummaryContent	<p>Modified complex type.</p> <p>This type contains summary information of a conference reservation. Includes reference to the following new element: OPERATOR_CONF GATEWAY</p> <p>Used by the element: RES_SUMMARY</p> <p>Sample code: <pre><xsd:complexType name="ReservationSummaryContent"> <xsd:sequence> : : <xsd:element ref="REPEATED_ID" minOccurs="0"/> <xsd:element ref="OPERATOR_CONF" minOccurs="0"/> : : <xsd:any namespace="##other" processContents="skip" minOccurs="0" maxOccurs="unbounded"/> </xsd:sequence> </xsd:complexType></pre> </p>
ConferenceTemplateSummaryContent	<p>Modified complex type.</p> <p>This type contains summary information of a conference template. Includes reference to the following new element: OPERATOR_CONF</p> <p>Used by the element: CONFERENCE_TEMPLATE_SUMMARY</p> <p>Sample code: <pre><xsd:complexType name="ConferenceTemplateSummaryContent"> <xsd:sequence> : : <xsd:element ref="OPERATOR_CONF" minOccurs="0"/> <xsd:any namespace="##other" processContents="skip" minOccurs="0" maxOccurs="unbounded"/> </xsd:sequence> </xsd:complexType></pre> </p>

Table 1-48 *common_obj Schema - Additions and Modifications (Continued)*

Item	Description
MeetingRoomSummaryContent	<p>Modified complex type.</p> <p>This type contains summary information of a Meeting Room, Entry Queue or SIP Factory. Includes reference to the following new element: OPERATOR_CONF GATEWAY</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="OPERATOR_CONF" minOccurs="0" /> <xsd:element ref="GATEWAY" minOccurs="0"/> : : <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></pre>
Start1EventContent	<p>Modified complex type.</p> <p>Includes reference to the following new element: OPERATOR_CONF</p> <p>Used by the element: CONF_START_1</p> <p>Sample code:</p> <pre><xsd:complexType name=" Start1EventContent "> <xsd:sequence> : : <xsd:element ref="OPERATOR_CONF" minOccurs="0"/> : : <xsd:any namespace="##other" processContents="skip" minOccurs="0" maxOccurs="unbounded"/> </xsd:sequence> </xsd:complexType></pre>

Table 1-48 *common_obj Schema - Additions and Modifications (Continued)*

Item	Description
CONF_SUMMARY_DETAILS	<p>Modified Group.</p> <p>This group contains summary information of a conference. Includes reference to the following new element: OPERATOR_CONF</p> <p>Used by the complexType: ConferenceSummaryContent</p> <p>Sample code:</p> <pre><xsd:group name="CONF_SUMMARY_DETAILS"> <xsd:sequence> <xsd:element ref="CONF_STATUS"/> <xsd:element ref="START_TIME"/> <!-- in GMT !!!--> <xsd:element ref="END_TIME"/> <!-- in GMT !!!--> <xsd:element ref="OPERATOR_CONF" minOccurs="0"/> <xsd:element ref="LOCK" minOccurs="0"/> : : </xsd:sequence> </xsd:group></pre>

Schema obj_reservation - Additions and Modifications

Table 1-49 *obj_reservation Schema - Additions and Modifications*

Item	Description
ECHO_SUPPRESSION	<p>New element.</p> <p>Indicates whether Echo Suppression is enabled or disabled in the conference. Values are: True - ECHO_SUPPRESSION is enabled in the conference False - ECHO_SUPPRESSION is disabled in the conference</p> <p>Used by complexType: ReservationContent</p> <p>Sample code:</p> <pre><xsd:element name=" ECHO_SUPPRESSION " type="xsd:boolean"></pre>

Table 1-49 *obj_reservation Schema - Additions and Modifications (Continued)*

Item	Description
KEYBOARD_SUPPRESSION	<p>New element.</p> <p>Indicates whether Keyboard Suppression is enabled or disabled in the conference.</p> <p>Values are:</p> <ul style="list-style-type: none"> True - KEYBOARD_SUPPRESSION is enabled in the conference False - KEYBOARD_SUPPRESSION is disabled in the conference <p>Used by complexType: ReservationContent</p> <p>Sample code:</p> <pre><xsd:element name=" KEYBOARD_SUPPRESSION " type="xsd:boolean"></pre>
H323	<p>New element.</p> <p>Indicates whether H.323 protocol is selected in the Gateway Session for dialing out to the destination endpoint or not.</p> <p>Values are:</p> <ul style="list-style-type: none"> true - the H.323 protocol is selected in the Gateway Session for dialing out. false - the H.323 protocol is not selected in the Gateway Session for dialing out. <p>Used by complexType: GwDialOutProtocolsContent</p> <p>Sample code:</p> <pre><xsd:element name="H323" type="xsd:boolean"> </xsd:element></pre>
SIP	<p>New element.</p> <p>Indicates whether the SIP protocol is selected in the Gateway Session for dialing out to the destination endpoint.</p> <p>Values are:</p> <ul style="list-style-type: none"> true - the SIP protocol is selected in the Gateway Session for dialing out. false - the SIP protocol is not selected in the Gateway Session for dialing out. <p>Used by complexType: GwDialOutProtocolsContent</p> <p>Sample code:</p> <pre><xsd:element name="SIP" type="xsd:boolean"> </xsd:element></pre>

Table 1-49 *obj_reservation Schema - Additions and Modifications (Continued)*

Item	Description
H320	<p>New element.</p> <p>Indicates whether H.320 protocol (ISDN) is selected in the Gateway Session for dialing out to the destination endpoint.</p> <p>Values are:</p> <ul style="list-style-type: none"> true - the H.320 protocol is selected in the Gateway Session for dialing out. false - the H.320 protocol is not selected in the Gateway Session for dialing out. <p>Used by complexType: GwDialOutProtocolsContent</p> <p>Sample code:</p> <pre><xsd:element name="H320" type="xsd:boolean"> </xsd:element></pre>
PSTN	<p>New element.</p> <p>Indicates whether PSTN protocol is selected in the Gateway Session for dialing out to the destination endpoint.</p> <p>Values are:</p> <ul style="list-style-type: none"> true - the PSTN protocol is selected in the Gateway Session for dialing out. false - the PSTN protocol is not selected in the Gateway Session for dialing out. <p>Used by complexType: GwDialOutProtocolsContent</p> <p>Sample code:</p> <pre><xsd:element name="PSTN" type="xsd:boolean"> </xsd:element></pre>
GW_DIAL_OUT_PROTOCOLS	<p>New element.</p> <p>This element contains a set of flags that indicate which protocols are selected in the Gateway Session for dial out to the destination endpoints.</p> <p>Used by complexType: ReservationContent</p> <p>Sample code:</p> <pre><xsd:complexType name="GW_DIAL_OUT_PROTOCOLS" type="GwDialOutProtocolsContent"> </xsd:complexType></pre>

Table 1-49 *obj_reservation Schema - Additions and Modifications (Continued)*

Item	Description
LastQuitType	<p>Modified simple type.</p> <p>New values were added: enumeration after_last_quit enumeration when_last_participant_remains</p> <p>This type contains configuration options to automatically end the conference: If after_last_quit is configured, the conference terminates automatically after the last participant quits the conference. If when_last_participant_remains is configured, the conference terminates automatically when only one participant is connected to the conference. A Recording Link is not considered as a participant.</p> <p>Note: The time interval between participants disconnection from the conference and terminating the conference is configured in AutoTerminateAfterLastQuit.</p> <p>Used by the element: LAST_QUIT_TYPE</p> <p>Sample code: <xsd:simpleType name="LastQuitType"> <xsd:restriction base="xsd:string"> <xsd:enumeration value="after_last_quit"/> <xsd:enumeration value="when_last_participant_remains"/> </xsd:restriction> </xsd:simpleType></p>

Schema common_trans - Additions and Modifications

Table 1-50 *common_trans Schema - Additions and Modifications*

Item	Description
SYSTEM_STARTUP_DURATION	<p>New element.</p> <p>This element contains information about the total possible duration of system's startup phase and the remaining time until system's startup phase ends.</p> <p>Used by the complexType: MCUStateContent</p> <p>Sample: <xsd:element name="SYSTEM_STARTUP_DURATION" type="SystemStartupDurationContent"> </xsd:element></p>

Table 1-50 *common_trans Schema - Additions and Modifications (Continued)*

Item	Description
SYSTEM_STARTUP_DURATION_TOTAL_SECONDS	<p>New element.</p> <p>The total possible duration of system's startup phase (in seconds).</p> <p>Used by the complexType: SystemStartupDurationContent</p> <p>Sample: <code><xsd:element name="SYSTEM_STARTUP_DURATION_TOTAL_SECONDS" type="xsd:integer"> </xsd:element></code> </p>
SYSTEM_STARTUP_DURATION_REMAINING_SECONDS	<p>New element.</p> <p>The remaining time until system's startup phase ends (in seconds).</p> <p>Used by complexType: SystemStartupDurationContent</p> <p>Sample: <code><xsd:element name="SYSTEM_STARTUP_DURATION_REMAINING_SECONDS" type="xsd:integer"> </xsd:element></code> </p>
SystemStartupDurationContent	<p>New complex type.</p> <p>This type contains information about the duration of entire system's startup phase and the time that remains until the end of the system's startup phase.</p> <p>The following elements were added to it:</p> <ul style="list-style-type: none"> SYSTEM_STARTUP_DURATION_TOTAL_SECONDS SYSTEM_STARTUP_DURATION_REMAINING_SECONDS <p>Used by the element: SYSTEM_STARTUP_DURATION.</p> <p>Sample: <code><xsd:complexType name="SystemStartupDurationContent"> <xsd:sequence> <xsd:element ref="SYSTEM_STARTUP_DURATION_TOTAL_SECONDS" minOccurs="0"/> <xsd:element ref="SYSTEM_STARTUP_DURATION_REMAINING_SECONDS" minOccurs="0"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType></code> </p>

Schema obj_ip_service - Additions and Modifications

Table 1-51 *obj_ip_service* Schema - Additions and Modifications

Item	Description
REGISTRATION_GATEWAY_PROFILES	<p>New element.</p> <p>Indicates whether or not Gateway Profiles are registered with the proxy.</p> <p>Values are:</p> <ul style="list-style-type: none">true - Gateway Profiles are registered with the proxyfalse - Gateway Profiles are NOT registered with the proxy <p>Used by complexType: SipContent</p> <p>Sample:</p> <pre><xsd:element name="REGISTRATION_GATEWAY_PROFILES" type="xsd:boolean" default="false"> </xsd:element></pre>

Table 1-51 *obj_ip_service Schema - Additions and Modifications (Continued)*

Item	Description
SipContent	<p>New complex type.</p> <p>This type contains the SIP parameters.</p> <p>Used by the element SIP.</p> <p>Sample:</p> <pre> <xsd:complexType name="SipContent"> <xsd:sequence> <xsd:element ref="OUTBOUND_PROXY" minOccurs="0"/> <xsd:element ref="PREFERRED_SIP_SERVER" minOccurs="0"/> <xsd:element ref="ALTERNATE_SIP_SERVER" minOccurs="0"/> <xsd:element ref="TRANSPORT_TYPE" minOccurs="0"/> <xsd:element ref="CONFIGURATION_SIP_SERVERS_MODE" minOccurs="0"/> <xsd:element ref="REGISTRATION_ONGOING_CONFERENCES" minOccurs="0"/> <xsd:element ref="REGISTRATION_MEETING_ROOMS" minOccurs="0"/> <xsd:element ref="REGISTRATION_ENTRY_QUEUE" minOccurs="0"/> <xsd:element ref="ACCEPT_MEET_ME" minOccurs="0"/> <xsd:element ref="ACCEPT_ADHOC" minOccurs="0"/> > <xsd:element ref="ACCEPT_FACTORY" minOccurs="0"/> <xsd:element ref="REGISTRATION_MODE" minOccurs="0"/> <!--not supported--> <xsd:element ref="REFRESH_REGISTRATION_TOUT" minOccurs="0"/> <xsd:element ref="REGISTRATION_FACTORIES" minOccurs="0"/> <xsd:element ref="REGISTRATION_GATEWAY_ PROFILES" minOccurs="0"/> <xsd:any processContents="skip" minOccurs="0" maxOccurs="unbounded" namespace="##other"/> </xsd:sequence> </xsd:complexType> </pre>

Schema obj_av_msg_service - Modifications

Table 1-52 *obj_av_msg_service* Schema - Modifications

Item	Description
DtmfOpcodeType	<p>Modified simple type.</p> <p>This type contains the opcode of a DTMF command. New additions of opcodes: enumeration private_assistance enumeration public_assistance</p> <p>Used by the element: OPCODE</p> <p>Sample code: <xsd:simpleType name="DtmfOpcodeType"> <xsd:restriction base="xsd:string"> <xsd:enumeration value="private_assistance"/> <xsd:enumeration value="public_assistance"/> : :</p>
IvrEventType	<p>Modified simple type.</p> <p>This type contains event type. New additions of opcodes: enumeration enter_destination_id enumeration incorrect_destination_id enumeration dial_tone enumeration ringing_tone</p> <p>Used by the element: EVENT_TYPE</p> <p>Sample code: <xsd:simpleType name="IvrEventType"> <xsd:restriction base="xsd:string"> <xsd:simpleType name="IvrEventType"> <xsd:restriction base="xsd:string"> : : : :</p>

Schema `obj_ongoing_party` - Additions and Modifications

Table 1-53 *obj_ongoing_party* Schema - Additions and Modifications

Item	Description
IS_VALID_HOME_CONF	<p>New element.</p> <p>Indicates whether or not the participant can be moved to his/her Home (source) conference when the Home conference is a standard conference and not an Entry Queue. Values are:</p> <p>True - the participant's Home conference is valid; therefore the participant can be moved to it.</p> <p>False - the participant's Home conf is not valid as it is an Entry Queue, therefore the participant cannot be moved back to it.</p> <p>Used by complexType: OngoingPartyContent</p> <p>Sample code: <code><xsd:element name="IS_VALID_HOME_CONF" type="xsd:boolean"/></code></p>
OngoingPartyContent	<p>Modified complex type.</p> <p>This type contains the parameters of a participant. It includes reference to the new element IS_VALID_HOME_CONF.</p> <p>Used by the element: ONGOING_PARTY</p> <p>Sample code: <code><xsd:complexType name="OngoingPartyContent"> <xsd:sequence> <xsd:element ref="ONGOING_PARTY_CHANGE" minOccurs="0"/> <xsd:element ref="PARTY" minOccurs="0"/> : : <xsd:element ref="IS_VALID_HOME_CONF" minOccurs="0"/> <xsd:any namespace="##other" processContents="skip" minOccurs="0" maxOccurs="unbounded"/> </xsd:sequence> </xsd:complexType></code></p>

Version 4.0 - New Schemas

The following schemas were added to the RMX XML API kit in version 4.0:

Table 1-54 *New Schema List*

Schema Name	Description
obj_repeated	Contains a list of recurrent reservations values.

Schema obj_repeated - Additions

Table 1-55 *obj_repeated Schema - Additions and Modifications*

Item	Description
RECURRENCE	New element. Contains the name of one recurrent reservation occurrence and its return status.
RECURRENCE LIST	New element. Contains a list of recurrent reservations and their return status.
REPEATED_EX	New element. Contains scheduling information for a recurring reservation, including the following: <ul style="list-style-type: none"> * Whether the reservation is to occur daily, weekly or monthly. * How many times, or until when, the reservation should be repeated. * Whether the meeting should occur every x weeks or months, or for example, on the second Thursday of every third month. If the recurring reservation ends on a specific date (LIMIT=true), then: <ul style="list-style-type: none"> For ADD and UPDATE: In the END_TIME element, specify the date on which the recurring reservation expires. For GET: The END_TIME element contains the date on which the recurring reservation expires.

Table 1-55 *obj_repeated Schema - Additions and Modifications (Continued)*

Item	Description
REPEATED	<p>New element.</p> <p>The REPEATED element is now obsolete, but is supported for compatibility reasons.</p> <p>It has been replaced by the REPEATED_EX element which supports more sophisticated recurrent reservation features.</p> <p>The REPEATED element contains scheduling information for a recurring reservation.</p> <p>If the recurring reservation ends on a specific date (LIMIT=true), then:</p> <p>For ADD and UPDATE:</p> <p style="padding-left: 20px;">In the END_TIME element, specify the date on which the recurring reservation expires.</p> <p>For GET:</p> <p style="padding-left: 20px;">The END_TIME element contains the date on which the recurring reservation expires.</p>
REPEATED_TYPE	<p>New element.</p> <p>The REPEATED_TYPE element is now obsolete, but is supported for compatibility reasons.</p> <p>It has been replaced by the REPEATED_TYPE_EX element which supports more sophisticated recurrent reservation features.</p> <p>The REPEATED_TYPE element indicates the type of repeated reservation.</p> <p>The enumeration values are:</p> <p style="padding-left: 20px;">daily</p> <p style="padding-left: 40px;">The conference occurs each day (or on specified days).</p> <p style="padding-left: 20px;">weekly</p> <p style="padding-left: 40px;">The conference occurs on the same day or days each week.</p> <p style="padding-left: 20px;">monthly</p> <p style="padding-left: 40px;">The conference occurs on the same day of each month.</p>
DAILY	<p>New element.</p> <p>Indicates that a conference is scheduled as a daily recurring reservation and identifies the day or days of the week on which the conference takes place.</p>
WEEKLY	<p>New element.</p> <p>Indicates that a conference is scheduled as a weekly recurring reservation, and identifies the day or days of the week on which the conference takes place and the time interval, for example, every two weeks.</p>
MONTHLY	<p>New element.</p> <p>Indicates that a conference is scheduled as a monthly recurring reservation, and identifies the recurrence pattern for the conference.</p>

Table 1-55 *obj_repeated Schema - Additions and Modifications (Continued)*

Item	Description
LIMIT	New element. Indicates whether the recurring reservation ends on a specified date or after a specific number of occurrences. Values are: true - the recurring reservation ends on a specified date false - the recurring reservation ends after a specified number of occurrences
OCCUR_NUM	New element. Indicates the number of occurrences after which the recurring reservation ends.
MONDAY	New element. Indicates whether the conference occurs on Sundays. Values are: true - the conference occurs on Sundays false - the conference does NOT occur on Sundays
TUESDAY	New element. Indicates whether the conference occurs on Tuesdays. Values are: true - the conference occurs on Tuesdays false - the conference does NOT occur on Tuesdays
WEDNESDAY	New element. Indicates whether the conference occurs on Wednesdays. Values are: true - the conference occurs on Wednesdays false - the conference does NOT occur on Wednesdays
THURSDAY	New element. Indicates whether the conference occurs on Thursdays. Values are: true - the conference occurs on Thursdays false - the conference does NOT occur on Thursdays
FRIDAY	New element. Indicates whether the conference occurs on Fridays. Values are: true - the conference occurs on Fridays false - the conference does NOT occur on Fridays
SATURDAY	New element. Indicates whether the conference occurs on Saturdays. Values are: true - the conference occurs on Saturdays false - the conference does NOT occur on Saturdays
SUNDAY	New element. Indicates whether the conference occurs on Sundays. Values are: true - the conference occurs on Sundays false - the conference does NOT occur on Sundays

Table 1-55 *obj_repeated Schema - Additions and Modifications (Continued)*

Item	Description
TIME_INTERVAL	New element. Contains an integer that identifies the weekly or monthly recurrence interval, for example, every two weeks, or every (one) month. The default value is "1", that is, every week or every month.
DAY_OF_MONTH	New element. Contains the day of the month for meetings scheduled to occur every month or every x months.
INSTANCE	New element. Identifies the week in the month on which a monthly meeting occurs, for example, the second or last week of the month. Enumeration value.
MONTHLY_PATTERN	New element. Identifies whether a monthly reservation recurrence is defined by day of the month (date) or by a specific weekday in a specific week of the month (for example, the second Monday in the month). Enumeration value.
GMT_OFFSET	New element. The GMT Offset of the MCU time.
REPEATED_TYPE_EX	Group type This group identifies whether the recurrence is on a daily, weekly, or monthly basis, and contains the recurrence details relevant to each type of recurrence. The following elements were added to this group: <ul style="list-style-type: none"> • DAILY • WEEKLY • MONTHLY
DailyContent	Complex type. This type is used for conferences which are scheduled as daily recurring reservations. It identifies the day or days of the week on which a conference takes place.
GMTOffsetType	Complex type. This type contains the GMT Offset of the MCU time.
MonthlyContent	Complex type. This type identifies the recurrence pattern for conferences that are scheduled as monthly recurring reservations.
RecurrenceContent	Complex type. A type that contains the name and return status of one recurrent reservation occurrence.

Table 1-55 *obj_repeated Schema - Additions and Modifications (Continued)*

Item	Description
RecurrenceListContent	Complex type. A type that contains a list of recurrent reservation occurrences.
RepeatedContent	Complex type. The RepeatedContent type is now obsolete, but is supported for compatibility reasons. This type contains scheduling information for a recurring reservation. The OCCUR_NUM element is only applicable when the value of the LIMIT element is "false". The day elements (SUNDAY, MONDAY etc.) are only applicable when the value of the REPEATED_TYPE element is "weekly". The END_TIME element is only applicable when the value of the LIMIT element is "true".
RepeatedContentEx	This type contains recurrence details such as whether the recurrence is specified on a daily, weekly, or monthly basis, and the number of occurrences. The OCCUR_NUM element is only applicable when the value of the LIMIT element is "false". The END_TIME element is only applicable when the value of the LIMIT element is "true".
WeeklyContent	This type is used for conferences which are scheduled as weekly recurring reservations. It identifies the day or days of the week on which the conference takes place, and the time interval, for example, every two weeks.
InstanceType	Simple type. This type identifies the week in the month on which a monthly meeting occurs, for example, the second or last week of the month.
MonthlyPatternType	Simple type. This type identifies whether a monthly reservation recurrence is defined by day of the month (date) or by a specific weekday in a specific week of the month (for example, the second Monday of the first week in the month).
RepeatedType	Simple type. The RepeatedType type is now obsolete, but is supported for compatibility reasons. This type identifies the type of reservation.

Version 4.0 Changes to Existing Schemas

Schema **common_obj** - Additions and Modifications

Table 1-56 *common_obj Schema - Additions and Modifications*

Item	Description
TOTAL_NUMBER_OF_PARTICIPANTS	Relocated element. This element was moved from the obj_dongle_configuration schema.
ConferenceTemplateStateType	New simple type. This type contains a Conference Template status.
H323BitRateType	Modified simple type. The maximum value was changed from 1920 to 4096 .
TransferRateType	Modified simple type. The 6144 value was added to this type.

Schema **common_trans** - Additions and Modifications

Table 1-57 *common_trans Schema - Additions and Modifications*

Item	Description
NUM_CONFERENCE_TEMPLATES	New element. The number of Conference Templates that are currently defined on the MCU.
SYSTEM_CARDS_MODE	New element. Indicates the card configuration mode. Values are: mpm - Only MPM cards are supported. MPM+ cards in the system are disabled. mpm_plus - Only MPM+ cards are supported. MPM cards in the system are disabled.
SYSTEM_RAM_SIZE	New element. The RMX memory size in megabytes. Values are: 512_mb - 512 MB 1024_mbs - 1024 MB
AllocationModeType	New simple type. This type identifies the resource allocation mode.

Table 1-57 *common_trans Schema - Additions and Modifications (Continued)*

Item	Description
LoginResponseContent	Modified complex type. The following elements were added to this type: <ul style="list-style-type: none"> SYSTEM_CARDS_MODE SYSTEM_RAM_SIZE
MCUStateContent	Modified complex type. The NUM_CONFERENCE_TEMPLATES element was added to this type.
SystemCardsModeType	New simple type. This type identifies the card configuration mode.
SystemRamSizeType	New simple type. This type holds the RMX memory size.

Schema common_trans_obj - Additions and Modifications

Table 1-58 *common_trans_obj Schema - Additions and Modifications*

Item	Description
AUTO_LAYOUT	Modified element. The definition of this element no longer contains a default value.
DTMF_DIRECTION_TO_EP	New element. This element is for internal use only.
VIDEO_CLARITY	New element. Indicates whether video clarity is enabled or disabled. Values are: <ul style="list-style-type: none"> true - video clarity is enabled false - video clarity is disabled Note: This element is only applicable to Continuous Presence calls and not Video Switching calls.
FaultSubjectType	Modified simple type. The conference_template value was added to this type.
HourType	Modified simple type. The maximum value was changed from 99 to 168 .
ReservationType	Modified simple type. The conference_template value was added to this type.

Schema **obj_cards_list** - Additions and Modifications

Table 1-59 *obj_cards_list* Schema - Additions and Modifications

Item	Description
UNIT_LOCATION	New element. The following values were added to this type: <ul style="list-style-type: none"> • carrier - location • mezzanine_a - mezzanine location • mezzanine_b - mezzanine location
CardStateType	Modified simple type. The disabled value was added to this type.
CardTypeType	Modified simple type. The following values were added to this type: <ul style="list-style-type: none"> • mpm_plus_20 - card type and location • mpm_plus_40 - card type and location • mpm_plus_80 - card type and location • mpm_plus_mezzanine_a - mezzanine location • mpm_plus_mezzanine_b - mezzanine location
UnitLocationType	New simple type. This type identifies the UNIT_LOCATION element.
UnitResourceContent	Modified complex type. The UNIT_LOCATION element was added to this type.

Schema **obj_cdr_full** - Additions and Modifications

Table 1-60 *obj_cdr_full* Schema - Additions and Modifications

Item	Description
PARTICIPANT_CONNECTION_RATE	New element. The connection rate defined at the time of reservation.
PARTICIPANT_CURRENT_RATE	New element. The participant current connection rate.
EVENT_TYPE	Modified group. The PARTICIPANT_CONNECTION_RATE element was added to this group.
PartyConnectionRateContent	New complex type. The following elements were added to this type: <ul style="list-style-type: none"> • NAME • PARTY_ID • PARTICIPANT_CURRENT_RATE

Schema **obj_cdr_full_summary_list** - Additions and Modifications

Table 1-61 *obj_cdr_full_summary_list Schema - Additions and Modifications*

Item	Description
RESERVED_AUDIO_PARTIES	New element. No. of reserved audio parties.'
RESERVED_VIDEO_PARTIES	New element. No. of reserved video parties.
CdrSummaryContent	Modified complex type. The following elements were added to this type: <ul style="list-style-type: none"> RESERVED_AUDIO_PARTIES RESERVED_VIDEO_PARTIES

Schema **obj_dongle_configuration** - Modification

Table 1-62 *obj_dongle_configuration Schema - Modification*

Item	Description
TOTAL_NUMBER_OF_PARTICIPANTS	Relocated element. This element was moved to the common_obj schema.

Schema **obj_dynamic_ip_service** - Additions and Modifications

Table 1-63 *obj_dynamic_ip_service Schema - Additions and Modifications*

Item	Description
DNS_INFO	New element. Domain and IP Information.
DnsInfoContent	New complex type. This type identifies DNS information. The following elements were added to this type: <ul style="list-style-type: none"> DOMAIN_NAME IP
DynamicIPServiceType	Modified complex type. The DNS_INFO element was added to this type.

Schema **obj_faults_list** - Modification

Table 1-64 *obj_faults_list Schema - Modification*

Item	Description
FaultFileType	Modified simple type. The conference_template_database value was added to this type.

Schema **obj_force** - Modification

Table 1-65 *obj_force Schema - Modification*

Item	Description
LAYOUT	Modified element. The definition of this element no longer contains a default value.

Schema **obj_licensing_configuration** - Additions and Modifications

Table 1-66 *obj_licensing_configuration Schema - Additions and Modifications*

Item	Description
CFS_INTERNAL_SCHEDULER_ENABLED	New element. Indicates whether or not the RMX is licensed to use the Reservations feature. Values are: true - the RMX is licensed to use the Reservations feature false - the RMX is NOT licensed to use the Reservations feature
LicensingAttributesContent	Modified complex type. The CFS_INTERNAL_SCHEDULER_ENABLED element was added to this type.

Schema **obj_party** - Modifications

Table 1-67 *obj_party Schema - Modifications*

Item	Description
PartyContent	Modified complex type. The FORCE element was added to this type.

Schema **obj_res_summary_list** - Additions and Modifications

Table 1-68 *obj_res_summary_list* Schema - Additions and Modifications

Item	Description
CONFERENCE_TEMPLATE_SUMMARY	New element. This element contains summary information for a Conference Template.
CONFERENCE_TEMPLATE_SUMMARY_LS	New element. This element contains a list of Conference Template summaries, a list of deleted Conference Templates, and a change indicator.
ConferenceTemplateSummaryContent	New complex type. This type contains summary information for a Conference Template.
ConferenceTemplateSummaryListContent	New complex type. This type contains a list of Conference Template summaries, a list of deleted Conference Templates, and a change indicator.
ReservationSummaryContent	Modified complex type. The AD_HOC_PROFILE_ID element was added to this type.

Schema **obj_reservation** - Additions and Modifications

Table 1-69 *obj_reservation* Schema - Additions and Modifications

Item	Description
CONFERENCE_TEMPLATE	New element. Indicates whether or not a RESERVATION element represents a Conference Template, and contains the Conference Template parameters.
ENTERPRISE_PROTOCOL	New element. The H.239 content algorithm. Values are: <ul style="list-style-type: none"> h.263 - Content is shared using H.263, even if some endpoints have H.264 capability. up_to_h.264 - The content algorithm is as follows: <ul style="list-style-type: none"> If all endpoints have H.264 capability, content is shared using H.264. If not all endpoints have H.264 capability, content is shared using H.263.

Table 1-69 *obj_reservation Schema - Additions and Modifications (Continued)*

Item	Description
HD_RESOLUTION	New element. The HD resolution. Values are: hd_720 - HD 720 hd_1080 - HD 1080
MIN_NUM_OF_AUDIO_PARTIES	New element. The number of audio participants for which the system should reserve resources. This number includes both defined participants and undefined participants. If you specify 0, no audio resources will be reserved for the conference. However, audio participants will be able to connect to the conference if there are available resources.
MIN_NUM_OF_PARTIES	Modified element. This element now identifies the number of video participants for which the system should reserve resources. This number includes both defined participants and undefined participants. If you specify 0, no video resources will be reserved for the conference. However, video participants will be able to connect to the conference if there are available resources.
ConferenceType	Modified simple type. The conference_template element was added to this type.
ConferenceTemplateContent	New complex type. This type indicates whether or not a RESERVATION element represents a Conference Template, and contains the Conference Template parameters.
EnterpriseMode	Modified simple type. The name of this type was changed to EnterpriseModeType .
EnterpriseProtocolType	New simple type. This type contains an H.239 content protocol.
HDResolutionType	New simple type. This type contains an HD video resolution.
MeetMePerConfContent	Modified complex type. The MIN_NUM_OF_AUDIO_PARTIES element was added to this type.
MinNumberOfAudioParties	New simple type. This type contains the number of audio participants for which the system should reserve resources.

Table 1-69 *obj_reservation Schema - Additions and Modifications (Continued)*

Item	Description
MinNumberOfParties	Modified simple type. The maximum value has changed from 30 to 1000 .
ReservationContent	Modified complex type. The following elements were added to this type: <ul style="list-style-type: none"> • HD_RESOLUTION • ENTERPRISE_PROTOCOL • CONFERENCE_TEMPLATE • VIDEO_CLARITY

Schema obj_rsrc_report - Modification

Table 1-70 *obj_rsrc_report Schema - Modification*

Item	Description
RsrcReportItemType	Modified simple type. The following values were added to this type: <ul style="list-style-type: none"> • CIF • SD • HD720 • HD1080

Schema obj_repeated - Modification

Table 1-71 *obj_repeated Schema - Modification*

Item	Description
RsrcReportItemType	Modified simple type. The following values were added to this type: <ul style="list-style-type: none"> • CIF • SD • HD720 • HD1080

Schema response_trans_conf - Additions and Modifications

Table 1-72 response_trans_conf Schema - Additions and Modifications

Item	Description
ACTIONS	Modified group. The following elements were added to this group: <ul style="list-style-type: none"> • SET_DTMF • SET_VIDEO_CLARITY
SET_DTMF	New element. This element is for internal use only.
SET_VIDEO_CLARITY	New element. Indicates that the requested action was to enable or disable video clarity.

Schema response_trans_mcu - Additions and Modifications

Table 1-73 response_trans_mcu Schema - Additions and Modifications

Item	Description
ACTIONS	Modified group. The following elements were added to this group: <ul style="list-style-type: none"> • GET_ENHANCED_PORT_CONFIGURATION • GET_CHECK_ENHANCED_PORT_CONFIGURATION • SET_ENHANCED_PORT_CONFIGURATION • INSTALL_PREVIOUS_VERSION • GET_ALLOCATION_MODE • SET_ALLOCATION_MODE
ALLOCATION_MODE	New element. This element contains the current resource allocation mode, and the resource allocation mode which will take effect after the next system reset, if this is different to the current resource allocation mode.

Table 1-73 *response_trans_mcu Schema - Additions and Modifications (Continued)*

Item	Description
ALLOCATION_MODE_CURRENT	<p>New element.</p> <p>This element contains the current resource allocation mode.</p> <p>Values are:</p> <p>auto - <i>Flexible Resource Capacity</i> mode. In this mode the user specifies the number of resources to be allocated as <i>Voice</i> resources, and the system allocates the remaining <i>Video</i> resources automatically, as participants connect to conferences.</p> <p>fixed - <i>Fixed Resource Capacity</i> mode. In this mode the user specifies the number of resources to be made available to each type of video connection and to <i>Audio Only</i> connections.</p> <p>Note: The fixed value is only applicable if the value of the SYSTEM_CARDS_MODE element is mpm_plus.</p>
ALLOCATION_MODE_FUTURE	<p>New element.</p> <p>This element indicates whether or not a request has been made to change the resource allocation mode since the last system reset, and contains the requested resource allocation mode.</p> <p>Values are:</p> <p>none - No resource allocation mode change has been requested.</p> <p>auto - <i>Flexible Resource Capacity</i> mode.</p> <p>fixed - <i>Fixed Resource Capacity</i> mode.</p> <p>Note: The fixed value is only applicable if the value of the SYSTEM_CARDS_MODE element is mpm_plus.</p>
AUDIO_CONFIG	<p>New element.</p> <p>This element contains port configuration details for <i>Audio Only</i> ports.</p>
CIF_CONFIG	<p>New element.</p> <p>This element contains port configuration details for CIF ports.</p>
CONFIG_CURRENT	<p>New element.</p> <p>When returned by GET_ENHANCED_PORT_CONFIGURATION: Contains the number of ports that are currently allocated to a specific port type.</p> <p>When returned by GET_CHECK_ENHANCED_PORT_CONFIGURATION: Contains the number of ports to be allocated to a specific port type.</p>
CONFIG_OPTIONAL_MAXIMUM	<p>New element.</p> <p>The maximum number of ports that can be allocated to a specific port type without changing the number of ports allocated to any other port type.</p>

Table 1-73 *response_trans_mcu Schema - Additions and Modifications (Continued)*

Item	Description
CONFIG_STEP	New element. This element is not currently supported, and always contains the value 1 .
CONFIG_SYSTEM_MAXIMUM	New element. The maximum possible number of ports of a specific port type as determined by the license and the hardware configuration of the RMX.
ENHANCED_PORT_CONFIGURATION	New element. This element contains port configuration details for all port types.
GET_ALLOCATION_MODE	New element. Indicates that the requested action was to retrieve the current resource allocation mode, and the resource allocation mode that will take effect after the next system reset, if any, and contains the requested information.
GET_CHECK_ENHANCED_PORT_CONFIGURATION	New element. Indicates that the requested action was to check whether or not a specific resource allocation configuration uses all available resources, and to retrieve details about how the resource allocation configuration can be changed in order to make use of all resources, and contains the requested information. Note: If for all port types the value of the CONFIG_CURRENT element is identical to the value of the CONFIG_OPTIONAL_MAXIMUM element, then the resource allocation configuration uses all available resources.
GET_ENHANCED_PORT_CONFIGURATION	New element. Indicates that the requested action was to retrieve port configuration details for all port types, and contains the requested information.
HD1080_CONFIG	New element. This element contains port configuration details for HD1080 ports.
HD720_CONFIG	New element. This element contains port configuration details for HD720 ports.
INSTALL_PREVIOUS_VERSION	New element. Indicates that the requested action was to restore the previous RMX software version.
SD_CONFIG	New element. This element contains port configuration details for SD ports.

Table 1-73 *response_trans_mcu Schema - Additions and Modifications (Continued)*

Item	Description
SET_ALLOCATION_MODE	<p>New element.</p> <p>Indicates that the requested action was to change the resource allocation mode.</p> <p>Note: The new resource allocation mode will only take effect after the next system reset.</p>
SET_ENHANCED_PORT_CONFIGURATION	<p>New element.</p> <p>Indicates that the requested action was to set the resource allocation configuration.</p> <p>Note: The new resource allocation configuration will only take effect after the next system reset</p>
AllocationModeContent	<p>New complex type.</p> <p>This type contains the current resource allocation mode and the resource allocation mode which will take effect after the next system reset.</p>
EnhancedPortConfiguration	<p>New complex type.</p> <p>This type contains port configuration details for all port types.</p>
EnhancedPortConfiguration Content	<p>New complex type.</p> <p>This type contains the port configuration details for one type of port.</p>

Schema response_trans_res - Additions and Modifications

Table 1-74 *response_trans_res Schema - Additions and Modifications*

Item	Description
ACTIONS	<p>Modified group.</p> <p>The following elements were added to this group:</p> <ul style="list-style-type: none"> • GET_CONFERENCE_TEMPLATE • TERMINATE_CONFERENCE_TEMPLATE • AWAKE_CONFERENCE_TEMPLATE
AWAKE_CONFERENCE_TEMPLATE	<p>New element.</p> <p>This element is not currently supported.</p>
GET_CONFERENCE_TEMPLATE	<p>New element.</p> <p>Indicates that the requested action was to retrieve details of a specified Conference Template, and contains the requested information.</p>
TERMINATE_CONFERENCE_TEMPLATE	<p>New element.</p> <p>Indicates that the requested action was to delete a specific Conference Template.</p>

Schema response_trans_res_list - Additions and Modifications

Table 1-75 response_trans_res_list Schema - Additions and Modifications

Item	Description
ACTIONS	Modified group. The GET_CONFERENCE_TEMPLATE_LIST element was added to this group.
GET_CONFERENCE_TEMPLATE_LIST	New element. Indicates that the requested action was to retrieve a list of Conference Templates, and contains the requested information.

Schema trans_conf_2 - Additions and Modifications

Table 1-76 trans_conf_2 Schema - Additions and Modifications

Item	Description
ACTIONS	Modified group. The following elements were added to this group: <ul style="list-style-type: none"> • SET_DTMF • SET_VIDEO_CLARITY
SET_DTMF	New element. This element is for internal use only.
SET_VIDEO_CLARITY	New element. Enables or disables video clarity.

Schema trans_mcu - Additions and Modifications

Table 1-77 trans_mcu Schema - Additions and Modifications

Item	Description
ACTIONS	Modified group. The following elements were added to this group: <ul style="list-style-type: none"> • GET_ENHANCED_PORT_CONFIGURATION • GET_CHECK_ENHANCED_PORT_CONFIGURATION • SET_ENHANCED_PORT_CONFIGURATION • INSTALL_PREVIOUS_VERSION • GET_ALLOCATION_MODE • SET_ALLOCATION_MODE

Table 1-77 *trans_mcu Schema - Additions and Modifications (Continued)*

Item	Description
AUDIO_NUM_PORTS_CONFIG	New element. The number of <i>Audio Only</i> ports to be allocated.
CIF_NUM_PORTS_CONFIG	New element. The number of CIF ports to be allocated.
GET_ALLOCATION_MODE	New element. Retrieves the current resource allocation mode, and the resource allocation mode that will take effect after the next system reset, if this is different to the current resource allocation mode.
GET_CHECK_ENHANCED_PORT_CONFIGURATION	New element. Checks whether or not a specific resource allocation configuration uses all available resources, and retrieves details about how the resource allocation configuration can be changed in order to make use of all resources.
GET_ENHANCED_PORT_CONFIGURATION	New element. Retrieves port configuration details for all port types.
HD1080_NUM_PORTS_CONFIG	New element. The number of HD 1080 ports to be allocated.
HD720_NUM_PORTS_CONFIG	New element. The number of HD 720 ports to be allocated.
INSTALL_PREVIOUS_VERSION	New element. Restores the previous RMX software version.
SD_NUM_PORTS_CONFIG	New element. The number of SD ports to be allocated.
SELECTED_ALLOCATION_MODE	New element. The resource allocation mode to be set. Values are: auto - <i>Flexible Resource Capacity</i> mode. In this mode the user specifies the number of resources to be allocated as <i>Voice</i> resources, and the system allocates the remaining <i>Video</i> resources automatically, as participants connect to conferences. fixed - <i>Fixed Resource Capacity</i> mode. In this mode the user specifies the number of resources to be made available to each type of video connection and to <i>Audio Only</i> connections. Note: The fixed value is only applicable if the value of the SYSTEM_CARDS_MODE element is mpm_plus .
SET_ALLOCATION_MODE	New element. Sets the resource allocation mode. Note: The new resource allocation mode will only take effect after the next system reset.

Table 1-77 *trans_mcu Schema - Additions and Modifications (Continued)*

Item	Description
SET_ENHANCED_PORT_CONFIGURATION	New element. Sets the resource allocation configuration. Note: The new resource allocation configuration will only take effect after the next system reset.
VERSION_TYPE	New element. Identifies the RMX software version type to be installed. Values are: fallback - The previous version. factory - The factory version.
EnhancedPortNumConfiguration	New complex type. This type indicates the number of ports of each type to be allocated.
InstallPreviousVersionContent	New complex type. This type identifies the RMX software version type to be installed
SelectedAllocationModeContent	New complex type. This type contains the resource allocation mode to be set.
VersionType	New simple type. This type contains an RMX software version type.

Schema trans_res_1 - Additions and Modifications

Table 1-78 *trans_res_1 Schema - Additions and Modifications*

Item	Description
ACTIONS	Modified group. The START_REPEATED_EX element was added to this group.
START_REPEATED_EX	New element. Sets up a repeated reservation.

Schema trans_res_2 - Additions and Modifications

Table 1-79 trans_res_2 Schema - Additions and Modifications

Item	Description
ACTIONS	Modified group. The following elements were added to this group: <ul style="list-style-type: none"> GET_CONFERENCE_TEMPLATE TERMINATE_CONFERENCE_TEMPLATE AWAKE_CONFERENCE_TEMPLATE
AWAKE_CONFERENCE_TEMPLATE	New element. This element is not currently supported.
GET_CONFERENCE_TEMPLATE	New element. Retrieves details of a specified Conference Template.
TERMINATE_CONFERENCE_TEMPLATE	New element. Deletes a specified Conference Template.

Schema trans_res_list - Additions and Modifications

Table 1-80 trans_res_list Schema - Additions and Modifications

Item	Description
ACTIONS	Modified group. The GET_CONFERENCE_TEMPLATE_LIST element was added to this group.
GET_CONFERENCE_TEMPLATE_LIST	New element. Retrieves a list of Conference Templates.

Elements that are not Supported in RMX Version 7.0.2

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 1-81 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 1-82 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 1-83 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 1-84 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 1-85 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 1-86 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 1-87 *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 1-88 *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 1-89 *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 1-90 *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 1-91 *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 1-92 *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 1-92 *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 1-93 *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 1-94 *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 1-95 *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 1-95 *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 1-95 *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 1-96 *obj_service Schema*

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

Schema response_trans_av_msg_service

Table 1-97 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 1-98 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 1-99 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 1-100 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 1-101 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 1-102 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 1-103 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 1-104 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 1-105 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 1-106 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 1-106 *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 1-107 *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 1-108 *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 1-109 *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 1-110 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 1-111 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 1-112 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 1-113 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 1-114 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 1-115 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 1-116 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 1-117 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 1-118 trans_isdn_service Schema

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

Schema trans_mcu

Table 1-119 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 1-120 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 1-121 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 1-122 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 1-123 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_REPEATED GET_RES

Schema response_trans_res_list

Table 1-124 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 1-125 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_REPEATED GET_RES

Schema trans_res_list

Table 1-126 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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