



CHAPTER 19

Resource Manager CDR XML Tags and Attributes

The production and storage of Call Data Records (CDRs) in Resource Manager is enabled using the Resource Manager Configuration Tool. A CDR file is generated each day by default.

CDR records are saved in XML format and provide comprehensive records of each call which can then be used for analysis of the system for diagnostic and billing purposes.

This section details the XML tags used to label data in the stored CDR .xml file, the attributes of each configurable tag, and the order in which the tags are arranged.

- [Accessing the CDR XML Files, page 19-1](#)
- [Index of CDR XML Tags, page 19-1](#)
- [Understanding the CDR XML Tags, page 19-9](#)



Note

All references to “VCS” in this section are equivalent to “Resource Manager”.

Accessing the CDR XML Files

Procedure

Step 1 Select **Programs > Cisco Unified Videoconferencing Manager > CDR files** from the Windows Start menu.

Step 2 Open the relevant CDR file.

The information configured to appear is listed within the tags. For a list of the XML tags that can appear in the CDR, see the [“Index of CDR XML Tags” section on page 19-1](#).

Index of CDR XML Tags

This section contains a list of all XML tags in the CDR, listed in their hierarchical relationship to each other.



Note

In the tags, “conference” is equivalent to “meeting”, and “service” is equivalent to “meeting type”.

Table 19-1 Index of CDR XML Tags

<conferences>
<ConferenceData>
<Event>
<Scheduling-Data>
<Conference>
<Basic-Information>
<Conference-ID />
<Virtual-Conference-ID />
<Master-Conference-ID />
<Slave-Conference-ID-List>
<Slave-Conference-ID />
<Slave-Conference-ID-List />
<Subject />
<Reference-Code />
<Description />
<MultiPoint-PointToPoint />
<Scheduled-Adhoc />
<Start-Time />
<Duration />
<Server-TimeZone />
<Auto-Extend />
<Bill-To/>
<Billing-Code/>
<Basic-Information/>
<Advanced-Information>
<Extra-Ports-Reserved>>
<Priority />
<DateTime-Scheduled />
<DateTime-Cancelled />
<Streaming-Recording-Activated/>
<Export-Upon-Completion/>
<Streaming-Target-File-Name/>
<Streaming-Recording-View/>
<Advanced-Information/>
<Conference-Lifecycle-Summary>
<Resources-Scheduled>
<DateTime-Modified />

Table 19-1 *Index of CDR XML Tags (continued)*

<Total-IP-Bandwidth />
<Total-ISDN-Bandwidth />
<Total-MCU-Connections-Number />
<Total-GW-Connections-Number />
</Resources-Scheduled>
</Conference-Lifecycle-Summary>
</Conference>
<Resources>
<Conference-Service>
<Service-Id />
<MCU-Service-Prefix />
<Min-Video-Layout />
<Max-Video-Layout />
<Max-Bit-Rate-In />
<Max-Bit-Rate-Out />
<Max-Frame-Rate-In />
<Max-Frame-Rate-Out />
<Max-Picture-Format-In />
<Max-Picture-Format-Out />
<Max-T120-Ports-Reserved />
<Max-Subconferences />
</Conference-Service>
<Resources-Scheduled-At-Time-Of-Conference>
<Total-IP-Bandwidth />
<Total-ISDN-Bandwidth />
<Total-MCU-Connections-Number />
<Total-GW-Connections-Number />
</Resources-Scheduled-At-Time-Of-Conference>
<Resources>
<Attendees-Terminals>
<Host>
<User-Id />
<Login-Id />
<First-Name />
<Last-Name />
<Email />
<Customer-Id />

Table 19-1 *Index of CDR XML Tags (continued)*

<Company-Name />
<Customer-Profile-Type />
<Customer-Billing-Phone />
<Is-Controller />
</Host>
<Organizer>
<User-Id />
<Login-Id />
<First-Name />
<Last-Name />
<Email />
<Customer-Id />
<Company-Name />
<Customer-Profile-Type />
<Customer-Billing-Phone />
<Is-Controller />
</Organizer>
<Predefined-Attendees>
<Predefined-Attendee>
<User-Id />
<Login-Id />
<First-Name />
<Last-Name />
<Email />
<Customer-Id />
<Company-Name />
<Customer-Billing-Phone />
<Is-Controller />
</Predefined-Attendee>
</Predefined-Attendees>
<External-Attendees>
<External-Attendee>
<Email />
<First-Name />
<Last-Name />
</External-Attendee>
</External-Attendees>

Table 19-1 *Index of CDR XML Tags (continued)*

`<Predefined-Terminals>`

`<Predefined-Terminal>`

`<Terminal-Id />`

`<Alias />`

`<Dial-String />`

`<IP-ISDN-SIP />`

`<Dial-in-Dial-out />`

`<MCU />`

`<Gateway />`

`<Room />`

`<Gatekeeper />`

`<Zone-Prefix />`

`</Predefined-Terminal>`

`</Predefined-Terminals>`

`<External-Terminals>`

`<External-Terminal>`

`<Party-ID/>`

`<Name />`

`<Dial-String />`

`<IP-ISDN-SIP />`

`<Dial-in-Dial-out />`

`<MCU />`

`<Gateway />`

`<Room />`

`<Gatekeeper />`

`<Zone-Prefix />`

`<Desktop-Client/>`

`<Desktop-Server/>`

`<External-Terminal>`

`<External-Terminals>`

`<Attendees-Terminals-Association>`

`<Association />`

`</Attendees-Terminals-Association>`

`</Attendees-Terminals>`

`<Network-Devices>`

`<GKs>`

`<GK-Proxy-Information>`

Table 19-1 *Index of CDR XML Tags (continued)*

<ID />
<Name />
<Model />
<IP-Address />
<Zone-Prefix />
<SIP-Domain />
<GK-Device-Association>
<Association />
</GK-Device-Association>
</GK-Proxy-Information>
</GKs>
<MCUs>
<MCU-Information>
<ID />
<Alias />
<Model />
<Master-Slave />
<Zone-Prefix />
<Gatekeeper />
<Service-Prefix />
<List-of-Assigned-Terminals>
<Terminal />
</List-of-Assigned-Terminals>
</MCU-Information>
</MCUs>
<GateWays>
<Gateway-Information>
<ID />
<Phone-Number />
<Service-Prefix />
<Service-Bandwidth />
<Country-Code />
<Area-Code />
<Zone-Prefix />
<Terminal-Gateway-Association>
<Association />
</Terminal-Gateway-Association>

Table 19-1 *Index of CDR XML Tags (continued)*

</Gateway-Information>
</GateWays>
<Rooms>
<Room-Information>
<ID />
<Name />
<Terminal-Room-Association>
<Terminal />
</Terminal-Room-Association>
<Room-Information>
<Rooms>
</Network-Devices>
</Scheduling-Data>
<Completed-Conference-Data>
<Conference-Status />
<Reason-Failed />
<Actual-Start-Time />
<Actual-End-Time />
<Actual-Predefined-Terminals>
<Actual-Predefined-Terminal>
<Terminal-Id />
<Alias />
<Dial-String />
<IP-ISDN-SIP />
<Source-IP-Address />
<Total-Connection-Time />
<Failing-Attempts />
<Last-Failure-Cause />
<List-of-Connection-Records />
<Connection />
<List-of-Connection-Records />
</Actual-Predefined-Terminal>
</Actual-Predefined-Terminals>
<Actual-External-Terminals>
<Actual-External-Terminal>
<Party-ID />
<Name />

Table 19-1 *Index of CDR XML Tags (continued)*

<Dial-String />
<IP-ISDN-SIP />
<Desktop-Client />
<Desktop-Server />
<Total-Connection-Time />
<Failing-Attempts />
<Last-Failure-Cause />
<List-of-Connection-Records />
<Connection />
</List-of-Connection-Records >
</Actual-External-Terminal>
</Actual-External-Terminals>
<Connected-MCUs>
<MCU-information>
<ID />
<Alias />
<Model />
<Master-Slave />
<Zone-Prefix />
<Gatekeeper />
<Service-Prefix />
</ List-of-Assigned-Terminals>
</MCU-information>
<ConnectedMCUs>
<Connected-GWs>
<Gateway-information>
<ID />
<Phone-Number />
<Service-Prefix />
<Service-Bandwidth />
<Country-Code />
<Area-Code />
<Zone-Prefix />
<Terminal-Gateway-Association>
<Association />
</Terminal-Gateway-Association>
</Gateway-information>

Table 19-1 Index of CDR XML Tags (continued)

```
</Connected-GWs>
```

```
</Completed-Conference-Data>
```

```
</Conference-Data>
```

```
</conferences>
```

Understanding the CDR XML Tags

Table 19-2 provides details about each CDR tag and includes a reference to information about configuring the tag in the CDR.

**Note**

In the tags, “conference” is equivalent to “meeting”, and “service” is equivalent to “meeting type”.

Table 19-2 CDR XML Tag Details

Tag	Description	Attribute	Type	Example
<conferences> </conferences>	Defines the beginning of all conference data. Contains data for the conferences of an entire day or for a single conference depending on the configuration.			
<ConferenceData></ConferenceData>	Defines the beginning of data recording for a meeting instance.			
<Event></Event>	Defines the record type.	value	Schedule/ Reschedule/ Cancel/ Complete	
<Scheduling-Data></Scheduling-Data>	Contains data directly related to meeting scheduling, such as which resources are reserved and which attendees and/or terminals are invited as part of meeting scheduling.			
<Conference> </Conference>	Contains basic meeting scheduling information.			
<Basic-Information></Basic-Information>	Contains basic meeting scheduling information.			
<Conference-ID />	Contains the Resource Manager internal ID of a specific conference.	value	String	<Conference-ID value="1307" />
<Virtual-Conference-ID />	Contains the Virtual Conference ID number of a specific conference.	value	String	<Virtual-Conference-ID value="1307" />

Table 19-2 CDR XML Tag Details (continued)

Tag	Description	Attribute	Type	Example
<Master-Conference-ID />	Contains the ID used to identify the meeting on the master MCU.	value	String	<Master-Conference-ID value="N/A" />
<Slave-Conference-ID-List></Slave-Conference-ID-List>	Contains the meeting ID for a single slave MCU.			
<Slave-Conference-ID />	Contains the meeting ID for a single slave MCU.	value	Zone Number + Service Prefix ID + Physical Conference ID	<Slave-Conference-ID value="175-80-4417" />
<Subject />	Contains the meeting subject as entered during meeting scheduling.	value	String	<Subject value="Monthly Update" />
<Reference-Code />	Contains any internal department, billing, client or account numbers used to track resource use within a company, that are entered during meeting scheduling.	value	String	<Reference-Code value="A112" />
<Description />	Contains the description of the meeting, which is entered during meeting scheduling.	value	String	<Description value="N/A" />
<MultiPoint-PointToPoint />	Displays whether a multipoint meeting or a point-to-point meeting is scheduled. Possible values: Multipoint, PointToPoint.	value	String	<MultiPoint-PointToPoint value="MultiPoint" />
<Scheduled-Adhoc />	Displays whether the meeting is scheduled to start at a future time or if it is created immediately (ad hoc) using Resource Manager or an endpoint. Possible values: Scheduled, Ad Hoc, Endpoint Initiated Ad Hoc.	value	String	<Scheduled-Adhoc value="Ad Hoc" />
<Start-Time />	Contains the scheduled start time of the meeting.	value	yyyy-mm-ddThh-mm-ssZ	<Start-Time value="2003-03-29T11:35:47Z" />
<Duration />	Contains the scheduled meeting duration.	value	String	<Duration value="30 Minutes"/>
<Server-TimeZone />	Contains time zone information of the Resource Manager server.	value	GMT+/-XX:XX (Integer + 'Minutes')	<Server-TimeZone value="GMT+08:00"/>
<Auto-Extend />	Determines whether or not Auto Extend is selected during meeting scheduling.	value	Boolean	<AutoExtend value="true"/>

Table 19-2 CDR XML Tag Details (continued)

Tag	Description	Attribute	Type	Example
<Bill-To />	Contains information about who will be billed for the conference. Possible values: BILL_ALL_PARTICIPANTS, BILL_ORGANIZER, BILL_HOST, BILL_CONTROLLERS.	value	String	<Bill-To value="BILL_HOST"/>
<Billing-Code />	Contains the billing code relevant to the billing of the conference.	value	String	<Billing-Code value="1234" />
<Advanced-Information/></Advanced-Information>	Contains advanced meeting scheduling information.			
<Extra-Ports-reserved/>	Contains the number of additional ports that are reserved for the meeting during meeting scheduling	value	Integer	
<Priority />	Displays the Priority option selected during meeting scheduling. Possible values: Unspecified, Bandwidth, Delay.	value	String	<Priority value="Delay" />
<DateTime-Scheduled/>	Contains the date and time that the meeting is scheduled using the Resource Manager.	value	yyyy-mm-ddThh-m m-ssZ	<DateTime-Scheduled value="2003-03-29T11:35:47Z" />
<DateTime-Cancelled/>	If a meeting is cancelled prior to its scheduled start time, the tag contains the date and time of cancellation.	value	yyyy-mm-ddThh-m m-ssZ	<DateTime-Cancelled value="N/A" />
<Streaming-Recording-Activated />	Indicates whether streaming recording is enabled or not.	value	Boolean	<Streaming-Recording-Activated value="false"/>
<Export-Upon-Completion-Activated/>	Indicates whether or not the recorded file should be exported upon conference completion.	value	Boolean	<Export-Upon-Completion-Activated value="false"/>
<Streaming-Target-File-Name/>	Contains the name of the recorded file, if specified by the user.	value	String	<Streaming-Target-File-Name value="N/A"/>
<Streaming-Recording-View/>	Contains the view chosen for recording.	value	String	<Streaming-Recording-View value="N/A"/>

Table 19-2 CDR XML Tag Details (continued)

Tag	Description	Attribute	Type	Example
<Conference-Lifecycle-Summary></Conference-LifeCycle-Summary/>	Contains lifecycle information for a single instance of a scheduled meeting, including basic statistics captured during meeting scheduling, as well as records of any modifications prior to the actual meeting.			
<Resources-Scheduled/>	Contains a list of resources scheduled when a meeting is created or modified.			
<DateTime-Modified/>	Contains the date and time of modification of a scheduled meeting.	value	yyyy-mm-ddThh-m m-ssZ	<DateTime-Modified value="2003-03-30T10:20:25Z" />
<Total-IP-Bandwidth/>	Contains the total amount of IP bandwidth, in Kbps, scheduled for the meeting	value	Integer	<Total-IP-Bandwidth value="768" />
<Total-ISDN-Bandwidth/>	Contains the total amount of ISDN bandwidth scheduled for a meeting, in Kbps.	value	Integer	<Total-ISDN-Bandwidth value="192"/>
<Total-MCU-Connections-Number/>	Contains the total number of MCU connections scheduled for a meeting (number of terminals, extra ports and cascading MCUs).	value	Integer	<Total-MCU-Connections-Number value="1" />
<Total-GW-Connections-Number/>	Contains the total number of gateway connections scheduled for the conference (number of terminals and reserved ISDN ports).	value	Integer	<Total-GW-Connections-Number value="1" />
<Resources></Resources>	Contains a list of resources committed or required for a meeting.			
<Conference-Service></Conference-Service>	Contains a list of meeting types scheduled for use.			
<Service-Id/>	Lists the Resource Manager ID (name) of the service selected for use during the meeting.	value	String	<Service-Id value="10045" />
<MCU-Service-Prefix />	Contains the MCU service prefix on the master MCU selected for use during the meeting.	value	String	<MCU-Service-Prefix value="80"/>
<Min-Video-Layout/>	Displays the minimal (smallest) video layout of all schemes associated with the scheduled meeting type.	value	Integer	<Min-Video-Layout value="1" />

Table 19-2 CDR XML Tag Details (continued)

Tag	Description	Attribute	Type	Example
<Max-Video-Layout/>	Displays the maximum (largest) video layout of all schemes associated with the scheduled meeting type.	value	Integer	<Max-Video-Layout value="1" />
<Max-Bit-Rate-In/>	Displays the maximum incoming video bit-rate available for the meeting type, in Kbps.	value	Integer	<Max-Bit-Rate-In value="384" />
<Max-Bit-Rate-Out/>	Displays the maximum outgoing video bit-rate available for the meeting type, in Kbps.	value	Integer	<Max-Bit-Rate-Out value="0" />
<Max-Frame-Rate-In/>	Displays the maximum incoming frame-rate available for the meeting type.	value	Integer	<Max-Frame-Rate-In value="30" />
<Max-Frame-Rate-Out/>	Displays the maximum outgoing frame-rate among all schemes available for the meeting type. Possible values: NONE, 5, 7.5, 10, 15, 25, 30, 50, 60.	value	String	<Max-Frame-Rate-Out value="30" />
<Max-Picture-Format-In/>	Displays the maximum incoming picture format available for the meeting type. Possible values: NONE, SQCIF, QCIF, SIF, CIF, VGA, 4SIF, 4CIF, SVGA, XGA, SXGA, 16CIF, UXGA, 4XGA.	value	String	<Max-Picture-Format-In value="4SIF" />
<Max-Picture-Format-Out/>	Displays the maximum outgoing picture format available for the meeting type. Possible values: NONE, SQCIF, QCIF, SIF, CIF, VGA, 4SIF, 4CIF, SVGA, XGA, SXGA, 16CIF, UXGA, 4XGA.	value	String	<Max-Picture-Format-Out value="4SIF" />
<Max-T120-Ports-Reserved />	Contains the total number of T120 ports reserved for the meeting.	value	Integer	<Max-T120-Ports-Reserved value="0"/>
<Max-Subconferences/>	Contains the number of breakout meetings (or sub-meetings) that are a part of the selected meeting type.	value	Integer	<Max-Subconferences value="0" />
<Resources-Scheduled-At-Time-Of-Conference></Resources-Scheduled-At-Time-Of-Conference>	Contains a list of resources at the time the meeting starts (including modifications made to the meeting reservation prior to the meeting start).			
<Total-IP-Bandwidth/>	Contains the total amount of IP bandwidth scheduled at the time of the meeting.	value	Integer	<Total-IP-Bandwidth value="768" />

Table 19-2 CDR XML Tag Details (continued)

Tag	Description	Attribute	Type	Example
<Total-ISDN-Bandwidth/>	Contains the total amount of ISDN bandwidth scheduled at the time of the meeting.	value	Integer	<Total-ISDN-Bandwidth value="192"/>
<Total-MCU-Connection-Number/>	Contains the total number of MCU connections scheduled at the time of the meeting.	value	Integer	<Total-MCU-Connections-Number value="5"/>
<Total-GW-Connections-Number />	Contains the total number of gateway connections scheduled at the time of the meeting.	value	Integer	<Total-GW-Connections-Number value="5"/>
<Attendees-Terminals></Attendees-Terminals>	Contains lists of attendees and terminals scheduled for a conference.			
<Host></Host>	Contains information about the meeting host assigned during meeting scheduled.			
<User-Id/>	Contains the Resource Manager ID number of the meeting host.	value	String	<User-Id value="75" />
<Login-Id />	Contains the Resource Manager login ID of the meeting host.	value	String	<Login-Id value="Jsmith" />
<First-Name />	Contains the first name of the meeting host.	value	String	<First-Name value="Jennifer" />
<Last-Name />	Contains the last name of the meeting host.	value	String	<Last-Name value="Smith" />
<Email />	Contains the email address of the meeting host.	value	String	<Email value=jsmith@testco.com/>
<Customer-ID />	Contains the Resource Manager customer ID of the meeting host.	value	String	<Customer-Id value="67" />
<Company-Name />	Contains the name of the company of the meeting host, which is associated with the Customer ID.	value	String	<Company-Name value="Testco" />
<Customer-Profile-Type />	Contains the customer profile-type for the company to which the meeting host belongs. For future use.	value	String	
<Customer-Billing-Phone/>	Contains the telephone number for the billing contact of the meeting host.	value	String	<Customer-Billing-Phone value="8499551"/>

Table 19-2 CDR XML Tag Details (continued)

Tag	Description	Attribute	Type	Example
<Is-Controller/>	Notes whether the organizer, during meeting scheduling, granted the meeting host permission to control the meeting.	value	Boolean	
<Organizer></Organizer>	Contains information about the meeting organizer.			
<User-Id/>	Contains the Resource Manager ID number of the meeting organizer.	value	String	<User-Id value="75" />
<Login-Id />	Contains the Resource Manager login ID of the meeting organizer.	value	String	<Login-Id value="Jsmith" />
<First-Name />	Contains the first name of the meeting organizer.	value	String	<First-Name value="Jennifer" />
<Last-Name />	Contains the last name of the meeting organizer.	value	String	<Last-Name value="Smith" />
<Email />	Contains the email address of the meeting organizer.	value	String	<Email value="jsmith@testco.com" />
<Customer-ID />	Contains the Resource Manager customer ID of the meeting organizer.	value	String	<Customer-Id value="67" />
<Company-Name />	Contains the name of the company of the meeting organizer, which is associated with the Customer ID.	value	String	<Company-Name value="Testco" />
<Customer-Profile-Type />	Contains the customer profile-type for the company to which the meeting organizer belongs. For future use.	value	String	
<Customer-Billing-Phone/>	Contains the telephone number for the billing contact of the meeting organizer.	value	String	<Customer-Billing-Phone value="8499551" />
<Is-Controller/>	Notes whether or not the organizer has permission to control the meeting.	value	Boolean	
<Predefined-Attendees></Predefined-Attendees>	Contains information about meeting attendees that are registered in the Resource Manager.			

Table 19-2 CDR XML Tag Details (continued)

Tag	Description	Attribute	Type	Example
<Predefined-Attendee />	Contains information about a meeting attendee registered in Resource Manager.			
<User-Id/>	Contains the Resource Manager ID number of the attendee.	value	String	<User-Id value="75" />
<Login-Id />	Contains the Resource Manager login ID of the attendee.	value	String	<Login-Id value="SPerkins" />
<First-Name />	Contains the first name of the attendee.	value	String	<First-Name value="Sam" />
<Last-Name />	Contains the last name of the attendee.	value	String	<Last-Name value="Perkins" />
<Email />	Contains the email address of the attendee.	value	String	<Email value="sperkins@testco.com"/>
<Customer-ID />	Contains the Resource Manager customer ID of the attendee.	value	String	<Customer-Id value="73" />
<Company-Name />	Contains the name of the company of the attendee, which is associated with the Customer ID.	value	String	<Company-Name value="Testco" />
<Is-Controller/>	Notes whether the organizer, during meeting scheduling, granted the attendee permission to control the meeting.	value	Boolean	
<External-Attendees></External-Attendees>	Contains a list of external meeting attendees (attendees not registered to Resource Manager).			
<External-Attendee></External-Attendee>	Contains information about an individual external meeting attendee who is not registered in Resource Manager.			
<Email />	Contains the email address of an external meeting attendee.	value	String	<Email value="BJones@externalco.co/">
<First-Name />	Contains the first name of an external meeting attendee.	value	String	<First-Name value="Bill"/>
<Last-Name />	Contains the last name of an external meeting attendee.	value	String	<Last-Name value="Jones"/>

Table 19-2 CDR XML Tag Details (continued)

Tag	Description	Attribute	Type	Example
<Predefined-Terminals></Predefined-Terminals>	Contains a list of all Resource Manager-registered terminals scheduled for the meeting.			
<Predefined-Terminal/>	Contains information about a single Resource Manager registered terminal scheduled for the meeting.			
<Terminal-ID />	Contains the internal Resource Manager ID string of a terminal.	value	String	<Terminal-Id value="0001-PARTY-10007" />
<Alias />	Contains the internal Resource Manager name or the alias of a terminal.	value	String	<Alias value="T1"/>
<Dial-String />	Contains the dial-string information of a terminal. For an ISDN phone number, the format is "CountryCode - AreaCode - PhoneNumber".	value	String	<Dial-String value="812518" />
<IP-ISDN-SIP />	Specifies the terminal type. Possible values: IP, ISDN, SIP.	value	String	<IP-ISDN-SIP value="IP" />
<Dial-in-Dial-out />	Contains the dialing mode of the terminal. Possible values: Dial-in, Dial-out.	value	String	<Dial-in-Dial-out value="Dial-out" />
<MCU />	Contains MCU information for an individual terminal registered to the Resource Manager.	value	String	<MCU value="0001-MCU-10001" />
<Gateway />	Contains gateway information for an individual terminal registered to the Resource Manager.	value	String	<Gateway value="N/A" />
<Room />	Contains room information for a terminal registered to Resource Manager, if that terminal is associated with a room in Resource Manager.	value	String	<Room value="0001-ROOM-10001" />
<Gatekeeper />	Contains Gatekeeper information for an individual terminal registered to Resource Manager.	value	String	<Gatekeeper value="001-GK-10001"/>
<Zone-Prefix />	Contains the zone prefix for an individual terminal registered to Resource Manager.	value	String	<Zone-Prefix value="81" />

Table 19-2 CDR XML Tag Details (continued)

Tag	Description	Attribute	Type	Example
<External-Terminals></External-Terminals>	Contains a list of external terminals (terminals not registered to Resource Manager) scheduled for the meeting.			
<External-Terminal></External-Terminal>	Contains information for an individual terminal scheduled for a meeting.			
<Party-ID/>	Contains the internal Resource Manager ID string given to the external terminal.	value	String	<Party-Id value="EXTRA:2222" />
<Name/>	Contains the name of an external terminal as entered during meeting scheduling.	value	String	<Name value="Bob Baxton Mobile"/>
<Dial-String />	Contains the dial-string information of an external terminal. For an ISDN phone number, the format is "CountryCode - AreaCode - PhoneNumber".	value	String	<Dial-String value="8125199" />
<IP-ISDN-SIP />	Specifies the terminal type. Possible values: IP, ISDN, SIP.	value	String	<IP-ISDN-SIP value="IP" />
<Dial-in-Dial-out/>	Contains the dialing mode of the terminal. Possible values: Dial-in, Dial-out.	value	String	<Dial-in-Dial-out value="Dial-out" />
<MCU />	Contains MCU information of the external terminal.	value	String	<MCU value="0001-MCU-10001" />
<Gateway />	Contains gateway information of the external terminal.	value	String	<Gateway value="N/A" />
<Room />	Contains room information of the external terminal (if relevant).	value	String	<Room value="N/A" />
<Gatekeeper />	Contains Gatekeeper information of the external terminal.	value	String	<Gatekeeper value="0001-GK-10001"/>
<Zone-Prefix />	Contains the zone prefix of the external terminal.	value	String	<Zone-Prefix value="81" />
<Desktop-Client />	Indicates whether or not this external terminal is a Desktop client. Only appears if value is True.	value	Boolean	<Desktop-Client value="true" />

Table 19-2 CDR XML Tag Details (continued)

Tag	Description	Attribute	Type	Example
<Desktop-Server />	Contains the internal Resource Manager ID of the Cisco Unified Videoconferencing Desktop Server that is associated with this terminal.	value	String	<Desktop-Serv er value="0001-S DG-10002" />
<Attendees-Terminals-Association></Attendees-Terminals-Association />	Contains a list of attendee and terminal associations, allowing administrators to determine which users used which terminals for an individual meeting.			
<Association />	Associates an attendee with a terminal, login ID, email address, and terminal/dial string.	Dial-String, Email, LoginId	String	<Association Dial-String = "812518" Email = "Mjones@te stco.com" LoginId = "Mjones"/>
<Network-Devices> </Network-Devices>	Contains information about network devices scheduled for use in a meeting during resource allocation.			
<GKs></GKs>	Contains a list of all gatekeepers reserved for use during a meeting.			
<GK-Proxy-Information></GK-Proxy-Information />	Contains information about an individual gatekeeper that is reserved for use during the meeting.			
<ID />	Contains the internal gatekeeper ID in the Resource Manager.	value	String	<ID value = "0001-GK-100 01"/>
<Name />	Contains the name of the gatekeeper in the Resource Manager.	value	String	<Name value = "GK 58" />
<Model />	Contains gatekeeper model information.	value	String	<Model value = " Cisco IOS H.323 Gatekeeper"
<IP-Address />	Contains the IP address of the gatekeeper.	value	String	<IP-Address value = "192.168.1.58"
<Zone-Prefix />	Contains the zone prefix of the gatekeeper.	value	String	<Zone-Prefix value = "58"/>
<SIP-Domain />	Contains the SIP domain of a gatekeeper.	value	String	<SIP-Domain = "N/A" />

Table 19-2 CDR XML Tag Details (continued)

Tag	Description	Attribute	Type	Example
<GK-Device-Association></GK-Device-Association>	Contains a list of gatekeeper and device associations, including all devices (terminals, MCUs, and gateways) registered to the gatekeeper.			
<Association />	Associates an individual gatekeeper with devices registered to that gatekeeper.	Alias, E.164, device-Address, device-Type	String	<Association Alias="2509" E.164="2509" device-Address="N/A" device-Type="Terminal" />
<MCUs></MCUs>	Contains a list of all MCUs reserved for use during the meeting.			
<MCU-Information></MCU-Information>	Contains information about an individual MCU reserved for use during the meeting.			
<ID />	Contains the internal Resource Manager ID of the MCU.	value	String	<ID value="0001-MCU-10002" />
<Alias />	Contains the name of the MCU name in the Resource Manager.	value	String	<Alias value="MCU82" />
<Model />	Contains model information for an individual MCU scheduled for use for the meeting.	value	String	<Model value="Cisco MCU 3.0+" />
<Master-Slave />	Specifies whether or not this MCU is master or slave if the meeting is scheduled with cascading (set to True if the MCU served as Master in a cascaded conference).	value	String	<Master-Slave value="false" />
<Zone-Prefix />	Specifies the zone prefix of an MCU.	value	String	<Zone-Prefix value="58" />
<Gatekeeper />	Specifies the gatekeeper to which the MCU is registered.	value	String	<Gatekeeper value="0001-GK-10001" />
<Service-Prefix />	Specifies the service prefix of an MCU.	value	String	<Service-Prefix value="80" />
<List-of-Assigned-Terminals></List-of-Assigned-Terminals>	Contains a list of terminals assigned to the MCU for the meeting.			

Table 19-2 CDR XML Tag Details (continued)

Tag	Description	Attribute	Type	Example
<Terminal />	Contains information about a single terminal assigned to the MCU for the meeting. For an ISDN phone number, the format is "CountryCode - AreaCode - PhoneNumber".	Alias, Dial-String, IP-ISDN-SIP	String	<Terminal Alias="2518" Dial-String="8 12518" IP-ISDN-SIP=" IP"/>
<Gateways></Gateways>	Contains a list of all gateways reserved for use during the meeting.			
<Gateway-Information></Gateway-Information>	Contains information about an individual gateway reserved for use during the meeting.			
<ID />	Contains the internal Resource Manager ID of the gateway.	value	String	<ID value = "0001-GW-100 06" />
<Phone-Number />	Contains the gateway phone number.	value	String	<Phone-Number value="883723 61" />
<Service-Prefix />	Contains the prefix of the requested service.	value	String	<Service-Prefix value="9384" />
<Service-Bandwidth />	Specifies the bandwidth associated with the requested service configured on the gateway.	value.	String	<Service- Bandwidth value="384" />
<Country-Code />	Specifies the country code of a gateway.	value	String	<Country-Code value="86" />
<Area-Code />	Specifies the area code of a gateway.	value	String	<Area-Code value="10" />
<Zone-Prefix />	Specifies the zone prefix of a gateway.	value	String	<Zone-Prefix value="58" />
<Terminal-Gateway-Association></Terminal-Gateway-Association>	Contains a list of endpoints (terminals) assigned to the gateway for the meeting.			

Table 19-2 CDR XML Tag Details (continued)

Tag	Description	Attribute	Type	Example
<Association />	Associates an ISDN terminal with the gateway it will use for the meeting.	Alias, ISDN-Phone-Number, Scheduled-Service-Bandwidth, Scheduled-Service-Prefix	String, String, Integer, String	<Association Alias="ISDN002" ISDN-Phone-Number="22-55-88" Scheduled-Service-Bandwidth="64" Scheduled-Service-Prefix="9064" />
<Rooms></Rooms>	Contains a list of all rooms reserved for use during the meeting.			
<Room-Information></Room-Information>	Contains information about an individual room reserved for use during the meeting.			
<ID />	Contains the Resource Manager ID number of the room.	value	String	<ID value = "0001-ROOM-10003" />
<Name />	Contains the room name in Resource Manager.	value	String	<Name value="Conference Room" />
<Terminal-Room-Association></Terminal-Room-Association>	Contains a list of terminals and rooms to which they are assigned for the meeting.			
<Terminal />	Associates a room with any terminals that are located there for the meeting.	Alias, Dial-String, IP-ISDN-SIP	String	<Terminal Alias="ISDN001" Dial-String="44-55-66" IP-ISDN-SIP="ISDN"/>
<Completed-Conference-Data></Completed-Conference-Data>	Contains actual conference data collected during the course of the meeting and at the conclusion of the meeting.			

Table 19-2 CDR XML Tag Details (continued)

Tag	Description	Attribute	Type	Example
<Conference-Status />	Contains information about the results of the meeting, such as whether or the meeting was canceled before its scheduled start time or started successfully. Possible values: STARTED, CANCELLED-BY-SERVER, CANCELLED-BY-USER, FAILED-TO-START.	value	String	<Conference-Status value="STARTED" />
<Reason-Failed />	Describes the reason a meeting fails to start.	value	String	<Reason-Failed value="N/A" />
<Actual-Start-Time />	Contains the actual (versus scheduled) start time of the meeting.	value	yyyy-mm-ddThh-m m-ssZ	<Actual-Start-Time value = "2003-03-29T11:35:49Z" />
<Actual-End-Time />	Contains the actual (versus scheduled) end time of the meeting.	value	yyyy-mm-ddThh-m m-ssZ	<Actual-End-Time value="2003-03-29T11:47:43Z" />
<Actual-Predefined-Terminals></Actual-Predefined-Terminals>	Contains a list of terminals registered to Resource Manager that actually participated in the meeting.			
<Actual-Predefined-Terminal></Actual-Predefined-Terminal/>	Contains information on an individual terminal registered to Resource Manager that actually participated in the meeting.			
<Terminal-ID />	Contains the internal Resource Manager ID of a participating terminal.	value	String	<Terminal-Id value="0001-PARTY-10005" />
<Alias />	Contains the Resource Manager alias of a participating terminal.	value	String	<Alias value="2518" />
<Dial-String />	Contains the dial string of the participating terminal. For an ISDN phone number, the format is "CountryCode - AreaCode - PhoneNumber".	value	String	<Dial-String value="812518" />
<IP-ISDN-SIP />	Defines the type of the participating terminal.	value	String	<IP-ISDN-SIP value="IP" />
<Source-IP-Address />	Contains the IP address of the participating terminal.	value	String	<Source-IP-Address value="192.168.223.23" />

Table 19-2 CDR XML Tag Details (continued)

Tag	Description	Attribute	Type	Example
<Total-Connection-Time />	Contains the total connection time of the participating terminal to the meeting, in seconds.	value	String (Integer + 's')	<Total-Connection-Time value="600s"/>
<Failing-Attempts />	Contains the number of times that this terminal attempted to join the conference and failed.	value	Integer	<Failing-Attempts value="2" />
<Last-Failure-Cause />	Contains the cause of failure of the last failed attempt.	value	String	<Last-Failure-Cause value="" />
<List-of-Connection-Records></List-of-Connection-Records />	Contains a list of records for each time the participating terminal connected to and disconnected from the meeting.			
<Connection />	Contains connection records for a specific terminal.	Connection Time; Dialin-Dialout; Disconnection-Time; Over-GW-port-limit; Over-MCU-port-limit; Reason-Disconnection	yyyy-mm-ddTh h-m m-ssZ; Dial-in/Dial-out; yyyy-mm-ddTh h-m m-ssZ; Boolean; Boolean; String	<Connection ConnectionTime="2003-03-29T11:35:51Z" Dialin-Dialout="Dial-out" Disconnection-Time="2003-03-29T11:43:45Z" Over-GW-port-limit="false" Over-MCU-port-limit="true" Reason-Disconnection="Disconnect"/>
<Actual-External-Terminals></Actual-External-Terminals />	Contains a list of external terminals that actually participate in the meeting.			
<Actual-External-Terminal></Actual-External-Terminal />	Contains information on an individual external terminal that actually participates in the meeting.			
<Party-ID />	Contains the internal Resource Manager ID string given to the external terminal.	value	String	<Party-Id value="EXTRA:2222" />
<Name />	Contains the name of the external terminal.	value	String	<Name value="Bob Baxton Mobile"/>

Table 19-2 CDR XML Tag Details (continued)

Tag	Description	Attribute	Type	Example
<Dial-String />	Contains the dial-string information of the external terminal. For an ISDN phone number, the format is "CountryCode - AreaCode - PhoneNumber".	value	String	<Dial-String value="8125199" />
<IP-ISDN-SIP />	Specifies the terminal type. Possible values: IP, ISDN, SIP.	value	String	<IP-ISDN-SIP value="IP" />
<Desktop-Client />	Indicates whether or not this external terminal is a Desktop client. Only appears if value is True.	value	Boolean	<Desktop-Client value="true" />
<Desktop-Server />	Contains the internal Resource Manager ID of the Cisco Unified Videoconferencing Desktop Server that is associated with this terminal.	value	String	<Desktop-Server value="0001-S DG-10002" />
<Total-Connection-Time />	The overall time that the external terminal was connected in the conference, in seconds.	value	String (Integer+'s')	<Total-Connection-Time value="600s"/>
<Failing-Attempts />	Contains the number of times that this terminal attempted to join the conference and failed.	value	Integer	<Failing-Attempts value="0" />
<Last-Failure-Cause />	Contains the cause of failure of the last failed attempt.	value	String	<Last-Failure-Cause value="N/A" />
<List-of-Connection-Records></List-of-Connection-Records>	Contains a list of records for each time the participating terminal connected to and disconnected from the meeting.			

Table 19-2 CDR XML Tag Details (continued)

Tag	Description	Attribute	Type	Example
<Connection />	Contains connection records for a specific terminal.	Connection Time; Dialin-Dialout; Disconnection-Time; Over-GW-port-limit; Over-MCU-port-limit; Reason-Disconnection	yyyy-mm-ddTh h-m m-ssZ; Dial-in/Dial-out; t; yyyy-mm-ddTh h-m m-ssZ; Boolean; Boolean; String	<Connection ConnectionTime="2003-03-29 T11:35:51Z" Dialin-Dialout="Dial-out" Disconnection-Time="2003-03-29T11:43:45Z" Over-GW-port-limit="false" Over-MCU-port-limit="true" Reason-Disconnection="Disconnect" />
<Connected-MCUs></Connected-MCUs>	Contains a list of all MCUs actually used during the meeting.			
<MCU-Information></MCU-Information>	Contains information about an individual MCU used during the meeting.			
<ID />	Contains the internal Resource Manager ID of the MCU.	value	String	<ID value="0001-MCU-10002" />
<Alias />	Contains the name of the MCU name in the Resource Manager.	value	String	<Alias value="MCU82" />
<Model />	Contains model information for an individual MCU scheduled for use for the meeting.	value	String	<Model value="Cisco MCU 3.0+" />
<Master-Slave />	Specifies whether or not this MCU is master or slave, in case the meeting is scheduled with cascading (set to True if the MCU served as Master in a cascaded conference).	value	String	<Master-Slave value="false" />
<Zone-Prefix />	Specifies the zone prefix of an MCU.	value	String	<Zone-Prefix value="58" />
<Gatekeeper />	Specifies the gatekeeper to which the MCU is registered.	value	String	<Gatekeeper value="0001-GK-10001" />
<Service-Prefix />	Specifies the service prefix of an MCU.	value	String	<Service-Prefix value="80" />

Table 19-2 CDR XML Tag Details (continued)

Tag	Description	Attribute	Type	Example
<List-of-Assigned-Terminals></List-of-Assigned-Terminals>	Contains a list of terminals assigned to the MCU for the meeting.			
<Terminal />	Contains information about a single terminal assigned to the MCU for the meeting. For an ISDN phone number, the format is "CountryCode - AreaCode - PhoneNumber".	Alias, Dial-String, IP-ISDN-SIP	String	<Terminal Alias="2518" Dial-String="8 12518" IP-ISDN-SIP=" IP"/>
<ConnectedGWs></ConnectedGWs>	Contains a list of all gateways that actually participated in the meeting.			
<Gateway-Information></Gateway-Information>	Contains information about an individual gateway used during the meeting.			
<ID />	Contains the internal Resource Manager ID of the gateway.	value	String	<ID value = "0001-GW-100 06" />
<Phone-Number />	Contains the gateway phone number.	value	String	<Phone-Number value="883723 61" />
<Service-Prefix />	Contains the prefix of the requested service.	value	String	<Service-Prefix value="9384" />
<Service-Bandwidth />	Specifies the bandwidth associated with the requested service configured on the gateway.	value	String	<Service- Bandwidth value="384" />
<Country-Code />	Specifies the country code of a gateway.	value	String	<Country-Code value="86" />
<Area-Code />	Specifies the area code of a gateway.	value	String	<Area-Code value="10" />
<Zone-Prefix />	Specifies the zone prefix of a gateway.	value	String	<Zone-Prefix value="58" />

Table 19-2 CDR XML Tag Details (continued)

Tag	Description	Attribute	Type	Example
<Terminal-Gateway-Association ></Terminal-Gateway-Associatio n>	Contains a list of terminals assigned to the gateway for the meeting.			
<Association />	Associates an ISDN terminal with the gateway it will use for the meeting.	Alias, ISDN-Phone-N umber, Scheduled-Serv ice-Bandwidth, Scheduled-Serv ice-Prefix	String, String, Integer, String	<Association Alias="ISDN00 2" ISDN-Phone-N umber="22-55- 88" Scheduled-Serv ice-Bandwidth= "64" Scheduled-Serv ice-Prefix="906 4" />