



CHAPTER 7

Managing the MCU Connection for Cisco Unified Conferencing for TelePresence

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Topics in this section include:

- [About Connecting to the MCU, page 7-1](#)
- [Adding an MCU, page 7-1](#)
- [Bringing an MCU Online, page 7-2](#)
- [Viewing MCU Details, page 7-3](#)
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- [Taking an MCU Offline, page 7-5](#)

About Connecting to the MCU

Once services (meeting types) are defined and the MCU is added, Video Administration downloads the services to schedule meetings based on known MCU resources. Video Administration does not establish communication with the MCU when a meeting is scheduled. When a meeting starts, Video Administration contacts the MCU to create the conference; therefore, you must ensure meeting types are always synchronized. For information about meeting types, see [Chapter 8, “Managing Meeting Types for Cisco Unified Conferencing for TelePresence.”](#)

Adding an MCU

Restrictions

If Video Administration and the MCU are located on different networks, your security policy must allow SNMP and XML API connections between them.

Procedure

- Step 1** Log in to Video Administration.
- Step 2** Click **Admin > Resource Management > MCU** tab.
- Step 3** Click **Add**.

Step 4 Enter field values as described in [Table 7-1](#).

Table 7-1 *Fields on the New MCU Page*

Field	Description
Basic Tab	
Name	Enter a unique host name to identify this MCU.
IP Address	Enter the assigned IP address of the MCU.
Model	Identifies the MCU model.
Registered to	Displays SIP Only .
Signaling Port	Leave as 2720 (default).
Login Name	Enter the MCU admin login name.
Login Password	Enter the MCU admin password.
Advanced Tab	
Port	Enter 3336 to specify the port through which Video Administration communicates with the MCU.
SNMP Get Community	Enter the SNMP Get Community password to send and retrieve information.
SNMP Set Community	Enter the SNMP Set Community password to send and retrieve information.

Step 5 Click **OK**.

Step 6 Verify that the MCU shows as Online on the Resource Management > MCU tab.

Related Topics

- [About Connecting to the MCU, page 7-1](#)
- [Logging In to Video Administration, page 1-3](#)
- [Bringing an MCU Online, page 7-2](#)
- [Viewing MCU Details, page 7-3](#)

Bringing an MCU Online

Procedure

- Step 1** Log in to Video Administration.
- Step 2** Click **Admin > Resource Management > MCU** tab.
- Step 3** Click the name of the MCU. The Modify MCU page displays.
- Step 4** Click **Online**.
- Step 5** Click **OK**.

Related Procedures

- [About Connecting to the MCU, page 7-1](#)
- [Logging In to Video Administration, page 1-3](#)
- [Synchronizing Meeting Types, page 8-6](#)

Viewing MCU Details

The MCU details display in a list, and the information in the Connection column indicates whether or not a communication connection is established between Video Administration and the MCU.

Procedure

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- | | |
|---------------|---|
| Step 1 | Log in to Video Administration. |
| Step 2 | Click Admin > Resource Management > MCU tab. |
| Step 3 | Find the MCU to view its status. |
| Step 4 | Click the name of the on the MCU to display its connection configuration. |
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Related Topics

- [About Connecting to the MCU, page 7-1](#)
- [Logging In to Video Administration, page 1-3](#)
- [Bringing an MCU Online, page 7-2](#)
- [Taking an MCU Offline, page 7-5](#)

Rescheduling Meetings Before Taking an MCU Offline

Rescheduling future meetings to a replacement MCU before taking an MCU offline for maintenance or upgrade reduces the chance of scheduling errors.

There are two methods for rescheduling meetings:

- [Transferring Future Meetings to a Replacement MCU, page 7-3](#)

The benefit of this method is scheduling errors are found during meeting transfer, not at scheduled meeting time. The drawback is the transfer process is requires more time.

- [Changing the MCU IP Address, page 7-4](#)

The benefit of this method is it is the quickest method of transferring meeting information because Video Administration does not need to execute the rescheduling operation. The drawback is scheduling errors are found at meeting time.

Transferring Future Meetings to a Replacement MCU

Use this procedure to reschedule future meetings from one MCU (*MCU-1*) to another MCU (*MCU-2*) and to take *MCU-1* offline.

**Caution**

This procedure is applicable only for future scheduled meetings. Transferring meetings between MCUs disrupts all current meetings.

Before You Begin

Read the [“Rescheduling Meetings Before Taking an MCU Offline”](#) section on page 7-3.

Procedure

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- Step 1** Log in to Video Administration.
 - Step 2** Add and bring online *MCU-2*.
 - Step 3** Update the meeting types so that all the online meeting types on *MCU-1* are made online on *MCU-2*.
 - Step 4** Click **Upload** on the Active Meetings tab if any meeting type cannot be downloaded.
 - Step 5** Choose *MCU-2* to upload meeting types.
 - Step 6** Click **Admin > Meeting Types**.
 - Step 7** Click **Detail** in the MCUs column for each meeting type and verify its status is online on both *MCU-1* and *MCU-2*.
 - Step 8** Take *MCU-1* offline. All future meetings are rescheduled to *MCU-2*.
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Related Topics

- [About Connecting to the MCU, page 7-1](#)
- [Logging In to Video Administration, page 1-3](#)
- [Rescheduling Meetings Before Taking an MCU Offline, page 7-3](#)
- [Adding an MCU, page 7-1](#)
- [Taking an MCU Offline, page 7-5](#)
- [Updating Meeting Types, page 8-2](#)

Changing the MCU IP Address

Use this procedure to reschedule future meetings from one MCU (*MCU-1*) to another MCU (*MCU-2*).

Before You Begin

Read the [“Rescheduling Meetings Before Taking an MCU Offline”](#) section on page 7-3.

Procedure

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- Step 1** Log in to Video Administration.
 - Step 2** Click **Admin > Resource Management > MCU** tab.
 - Step 3** Click the name of *MCU-1* to display its Modify MCU page.
 - Step 4** Replace the IP address of *MCU-1* with the IP address of *MCU-2*.
 - Step 5** Click **OK** to accept the IP address.

- Step 6** Click **Update**.
- Step 7** Click **Upload** on the Meeting Types page to upload all the meeting types to *MCU-2*. All future meetings are rescheduled to *MCU-2*.
- Step 8** Update the SIP trunk IP address in Cisco Unified Communications Manager to route calls to *MCU-2*.
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Related Topics

- [About Connecting to the MCU, page 7-1](#)
- [Logging In to Video Administration, page 1-3](#)
- [Rescheduling Meetings Before Taking an MCU Offline, page 7-3](#)
- [Taking an MCU Offline, page 7-5](#)
- [Updating Meeting Types, page 8-2](#)

Taking an MCU Offline

The following scheduling behaviors occur when you take an MCU offline:

- All in-progress meetings are terminated on the MCU.
- Video Administration cannot schedule meetings for the offline MCU.

Before You Begin

If you have a replacement MCU, complete the “[Rescheduling Meetings Before Taking an MCU Offline](#)” procedure on [page 7-3](#). If a replacement MCU is not available, future meetings are lost and will not be restored when the status of the MCU changes to online.

Procedure

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- Step 1** Log in to Video Administration.
- Step 2** Click **Admin > Resource Management > MCU** tab.
- Step 3** Click the name of the MCU.
- Step 4** Click **Offline**.



Caution All meetings are lost and cannot be restored.

- Step 5** Click **OK**.
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Related Topics

- [About Connecting to the MCU, page 7-1](#)
- [Logging In to Video Administration, page 1-3](#)
- [Rescheduling Meetings Before Taking an MCU Offline, page 7-3](#)

