Managing the MCU Connection for Cisco Unified Conferencing for TelePresence

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
- Rescheduling Meetings Before Taking an MCU Offline, page 7-3
- 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

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

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

Bring 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

<table>
<thead>
<tr>
<th>Step 1</th>
<th>Log in to Video Administration.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Step 2</td>
<td>Click Admin &gt; Resource Management &gt; MCU tab.</td>
</tr>
<tr>
<td>Step 3</td>
<td>Find the MCU to view its status.</td>
</tr>
<tr>
<td>Step 4</td>
<td>Click the name of the on the MCU to display its connection configuration.</td>
</tr>
</tbody>
</table>

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.
Rescheduling Meetings Before Taking an MCU 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

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.

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

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.
Chapter 7  Managing the MCU Connection for Cisco Unified Conferencing for TelePresence

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

<table>
<thead>
<tr>
<th>Step</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Step 1</td>
<td>Log in to Video Administration.</td>
</tr>
<tr>
<td>Step 2</td>
<td>Click Admin &gt; Resource Management &gt; MCU tab.</td>
</tr>
<tr>
<td>Step 3</td>
<td>Click the name of the MCU.</td>
</tr>
<tr>
<td>Step 4</td>
<td>Click Offline.</td>
</tr>
</tbody>
</table>

Caution

All meetings are lost and cannot be restored.

| Step 5 | Click OK. |

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