

## Managing an MCU in Network Manager

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MCU configuration options vary according to MCU release.

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### Setting Call Routing Devices

#### Procedure

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- Step 1** Select **Network Tree** in the sidebar menu.
  - Step 2** Select the MCU you require in the tree.
  - Step 3** Select **Protocols**.
  - Step 4** Select **Use H.323 Gatekeeper** or **Use SIP Server** to determine the MCU call routing device.
  - Step 5** Enter an IP address port value in the relevant fields.
  - Step 6** Select **Upload** to save your changes.
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### Viewing Registered Multipoint Processors

The term Multipoint Processors (MPs) refers to MCUs and EMPs.

#### Procedure

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- Step 1** Select **Network Tree** in the sidebar menu.
- Step 2** Select the MCU you require in the tree.
- Step 3** Select **Registered MPs** to view the list of MPs currently registered with the MCU.

Table 25-1 describes the information displayed on the Registered MPs tab.

**Table 25-1 Registered MPs Tab Parameters**

Parameter	Description
Type	Displays the type of MP unit registered with the current MCU. MP unit types supported include:
MP	The local MP component of the current MCU or MCU operating in MP Only mode. Performs basic media processing such as audio transcoding, video processing and video switching.
EMP	Unit performing advanced media processing such as video processing and video switching.
Address	Address of the MP unit. This may be the same as the current MCU if the MP is the media processing component of the current unit.
Description	Version number and type.

## Viewing MCU Supported Services

The Services tab displays the list of services supported by the selected MCU. Services can be edited by selecting the link to the MCU element manager above the Services table.

### Procedure

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- Step 1** Select **Network Tree** in the sidebar menu.
  - Step 2** Select the MCU you require in the tree.
  - Step 3** Select **Services**.
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## How to Back Up and Restore MCU Configuration Settings

This feature is available for Cisco Unified Videoconferencing 5000 MCUs, but not for Cisco Unified Videoconferencing 5000 MCUs.

- [Backing Up MCU Configuration Settings, page 25-3](#)
- [Restoring MCU Configuration Settings, page 25-3](#)
- [Modifying MCU Configuration File Information, page 25-3](#)
- [Deleting a Configuration File, page 25-4](#)

## Backing Up MCU Configuration Settings

### Procedure

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- Step 1** Select **Network Tree** in the sidebar menu.
  - Step 2** Select the MCU you require in the tree.
  - Step 3** Select **Backup & Restore**.
  - Step 4** Select **Backup**.
  - Step 5** Enter a description of the MCU configuration file in the Retrieve Configuration File window and select **OK**.
  - Step 6** Select **OK** in the “Configuration file backup successful” message window to complete the backup procedure.
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## Restoring MCU Configuration Settings

### Procedure

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- Step 1** Select **Network Tree** in the sidebar menu.
  - Step 2** Select the MCU you require in the tree.
  - Step 3** Select **Backup & Restore**.
  - Step 4** Select a configuration file from the list.
  - Step 5** Select **Restore**.
  - Step 6** Select **Yes** when prompted by the “Are you sure you want to restore ...?” message.
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## Modifying MCU Configuration File Information

### Procedure

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- Step 1** Select **Network Tree** in the sidebar menu.
  - Step 2** Select the MCU you require in the tree.
  - Step 3** Select **Backup & Restore**.
  - Step 4** Select a configuration file from the list.
  - Step 5** Select **Edit**.
  - Step 6** Modify the name and description of the configuration file, as required.
  - Step 7** Select **OK**.
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## Deleting a Configuration File

### Procedure

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- Step 1** Select **Network Tree** in the sidebar menu.
  - Step 2** Select the MCU you require in the tree.
  - Step 3** Select **Backup & Restore**.
  - Step 4** Select a configuration file from the list.
  - Step 5** Select **Delete**.
  - Step 6** Select **OK**.
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## Configuring MCU Unit Type and Addressing

### Procedure

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- Step 1** Select **Network Tree** in the sidebar menu.
  - Step 2** Select the MCU you require in the tree.
  - Step 3** Select **Configure**.
- [Table 25-2](#) describes the information displayed on the Configure tab.
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**Table 25-2** *Configure Tab Parameters*

Parameter	Description
Unit Type	<ul style="list-style-type: none"> <li>• <b>MCU</b>—The MCU and MP components in the unit work together to provide Call Setup, conference control and media processing.</li> <li>• <b>MP Only</b>—The MP (Multipoint Processor) unit works in a clustered arrangement operating under the control of an individual MCU.</li> </ul>
Location	Enter a string identifying the physical location of the MCU device.
MCU IP Address	MCU IP address. Configurable only on MP units.
Port	MCU communication port. Configurable only on MP units.