



CHAPTER 21

Managing an MCU in Network Manager

MCU configuration options vary according to MCU version.

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Setting Call Routing Devices

Procedure

- Step 1** Click **Network Tree** in the sidebar menu.
 - Step 2** Select the MCU you require in the tree.
 - Step 3** Click **Protocols**.
 - Step 4** Click **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** Click **Upload** to save your changes.
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Viewing Registered Multipoint Processors

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

Procedure

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

Table 21-1 describes the information displayed on the Registered MPs tab.

Table 21-1 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 an MCU operating in <i>MP Only</i> 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 might be the same as the current MCU if the MP is the media processing component of the current unit.
Description	Version number and type.

How to Manage Multipoint Processors

The MP List tab enables you to define the MPs being controlled by an MCU in a clustered layout (local MPs or MCUs configured as MP only). Up to six MPs can be controlled by a single MCU in this type of layout.

- [Creating and Modifying an MP Profile, page 21-2](#)
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Creating and Modifying an MP Profile

Procedure

- Step 1** Click **Network Tree** in the sidebar menu.
- Step 2** Select the MCU you require in the tree.
- Step 3** Click **MP List**.
- Step 4** Select the MP you require and click **Edit** to modify an existing MP profile.
- Step 5** Click **Add** to create a new MP profile.
- Step 6** Enter the IP address and optional description of MPs controlled by the selected MCU.
- Step 7** Select **Enable** to activate the MP profile.
- Step 8** Click **OK** to save your changes.

Removing an MP Profile

Procedure

- Step 1** Click **Network Tree** in the sidebar menu.
 - Step 2** Select the MCU you require in the tree.
 - Step 3** Click **MP List**.
 - Step 4** Select the MP profile you require and click **Delete**.
 - Step 5** Click **Upload** to save your changes.
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Viewing MCU Supported Services

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

Procedure

- Step 1** Click **Network Tree** in the sidebar menu.
 - Step 2** Select the MCU you require in the tree.
 - Step 3** Click **Services**.
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Configuring MCU Unit Type and Addressing

Procedure

- Step 1** Click **Network Tree** in the sidebar menu.
- Step 2** Select the MCU you require in the tree.
- Step 3** Click **Configure**.

[Table 21-2](#) describes the information displayed on the Configure tab.

Table 21-2 **Configure Tab Parameters**

Parameter	Description
Unit Type	<ul style="list-style-type: none">• MCU—The MCU and MP components in the unit work together to provide Call Setup, conference control and media processing.• MP Only—The MP (Multipoint Processor) unit works in a clustered arrangement operating under the control of an MCU.
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.