



CHAPTER 8

Configuring a Terminal Profile in Resource Manager

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How to Create or Modify a Terminal Profile

The term “terminal” refers to any kind of endpoint (H.323, SIP, ISDN, or mobile) used for video conferencing.

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Note

To avoid conflicts between endpoint-initiated point-to-point meetings and endpoint-initiated multipoint meetings, the names of endpoints and terminals registered to gatekeepers in Resource Manager cannot start with the same prefix as the MCU service or as a meeting type ID in Resource Manager.

Defining H.323 IP Terminal Details

Define all H.323 terminals registered to gatekeepers that are configured in Resource Manager.

Procedure

- Step 1** Click **Resource Management** in the sidebar menu.
- Step 2** Click **Terminals**.
- Step 3** Click the link in the Name column for the terminal you require, or select **Add** to create a new terminal profile.

- Step 4** (Optional) Click **Default Users** to associate this terminal as the default terminal for selected users defined in Resource Manager.
 - Step 5** Click **OK** to apply your selections and to close the Select Users window.
 - Step 6** (Optional) Enter any description text that you may have for this terminal in the Description field.
 - Step 7** Select **IP(H.323)** from the Terminal Type list.
 - Step 8** Enter the E.164 IP phone number of the terminal registered on the gatekeeper in the IP Phone Number field as specified in the Registered to field.

If the terminal is not registered to a gatekeeper, enter the IP address of the terminal in the IP Phone Number field.
 - Step 9** Define the default bandwidth for the terminal in the Bandwidth field. Resource Manager uses the bandwidth number to reserve resources for this terminal.
 - Step 10** Select a topology setting from the Location drop-down list.

The Location field is visible only when the IP Topology tab is activated in the Resource Manager Configuration Tool under System Configuration > UI Settings.
 - Step 11** Click **OK** to save your changes.
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Defining SIP IP Terminal Details

Define all SIP terminals registered to gatekeepers that are configured in Resource Manager.

Procedure

- Step 1** Click **Resource Management** in the sidebar menu.
- Step 2** Click **Terminals**.
- Step 3** Click the link in the Name column for the terminal you require, or click **Add** to create a new terminal profile.
- Step 4** (Optional) Click **Default Users** to associate this terminal as the default terminal for selected users defined in Resource Manager.
- Step 5** Click **OK** to apply your selections and to close the Select Users window.
- Step 6** (Optional) Enter any description text that you may have for this terminal in the Description field.
- Step 7** Select **IP(SIP)** from the Terminal Type list.
- Step 8** Define the terminal name or terminal number in the SIP URI field, followed by the SIP server domain name and a suffix derived from the domain name of the SIP server.

For example, “<terminal name>@<SIP server domain name>” or “user@domain_name.com”.
- Step 9** Define the default bandwidth for the terminal in the Bandwidth field. Resource Manager uses the bandwidth number to reserve resources for this terminal.
- Step 10** Select a topology setting from the Location drop-down list.

The Location field is visible only when the IP Topology tab is activated in the Resource Manager Configuration Tool under System Configuration > UI Settings.

- Step 11** Click **OK** to save your changes.
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Defining ISDN/PSTN H.320 Terminal Details

Define all H.320 terminals that you want Resource Manager to automatically invite to a meeting and manage their availability.

Procedure

- Step 1** Click **Resource Management** in the sidebar menu.
- Step 2** Click **Terminals**.
- Step 3** Click the link in the Name column for the terminal you require, or click **Add** to create a new terminal profile.
- Step 4** (Optional) Click **Default Users** to associate this terminal as the default terminal for selected users defined in Resource Manager.
- Step 5** Click **OK** to apply your selections and to close the Select Users window.
- Step 6** (Optional) Enter any description text that you may have for this terminal in the Description field.
- Step 7** Select **ISDN/PSDN(H.320)** from the Terminal Type list.
- Step 8** Define the default bandwidth for the terminal in the Bandwidth field. Resource Manager uses the bandwidth number to reserve resources for this terminal.
- Step 9** Select a topology setting from the Location drop-down list.
- The Location field is visible only when the IP Topology tab is activated in the Resource Manager Configuration Tool under System Configuration > UI Settings.
- Step 10** Select **Restricted Mode** for a PSTN/ISDN network working in restricted mode.
- Step 11** Enter the phone number of the terminal in the Country Code, Area Code and Number fields.
- If you do not specify this information, Resource Manager cannot find the optimal gateway for the terminal when scheduling a conference.
- Step 12** Click **OK** to save your changes.
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Defining Mobile Terminal Details

Define all mobile terminals that you want Resource Manager to automatically invite to a meeting and manage their availability.

Procedure

- Step 1** Click **Resource Management** in the sidebar menu.
- Step 2** Click **Terminals**.
- Step 3** Click the link in the Name column for the terminal you require, or click **Add** to create a new terminal profile.

- Step 4** (Optional) Click **Default Users** to associate this terminal as the default terminal for selected users defined in Resource Manager.
 - Step 5** Click **OK** to apply your selections and to close the Select Users window.
 - Step 6** (Optional) Enter any description text that you may have for this terminal in the Description field.
 - Step 7** Select **Mobile** from the Terminal Type list.
 - Step 8** Define the default bandwidth for the terminal in the Bandwidth field. Resource Manager uses the bandwidth number to reserve resources for this terminal.
 - Step 9** Select a topology setting from the Location drop-down list.
The Location field is visible only when the IP Topology tab is activated in the Resource Manager Configuration Tool under System Configuration > UI Settings.
 - Step 10** Enter the phone number of the terminal in the Country Code, Area Code and Number fields.
If you do not specify this information, Resource Manager cannot find the optimal gateway for the terminal when scheduling a conference.
 - Step 11** Select **3G** for 3G terminals.
 - Step 12** Click **OK** to save your changes.
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Defining Dual H.320 and H.323 Terminal Details

Procedure

- Step 1** Click **Resource Management** in the sidebar menu.
- Step 2** Click **Terminals**.
- Step 3** Click the link in the Name column for the terminal you require, or select **Add** to create a new terminal profile.
- Step 4** (Optional) Click **Default Users** to associate this terminal as the default terminal for selected users defined in Resource Manager.
- Step 5** Click **OK** to apply your selections and to close the Select Users window.
- Step 6** (Optional) Enter any description text that you may have for this terminal in the Description field.
- Step 7** Select **Dual(H.320 and H.323)** from the Terminal Type list.
- Step 8** Enter the E.164 IP phone number of the terminal registered on the gatekeeper in the IP Phone Number field as specified in the Registered to field.
If the terminal is not registered to a gatekeeper, enter the IP address of the terminal in the IP Phone Number field.
- Step 9** Define the default bandwidth for the terminal in the IP Bandwidth and ISDN Bandwidth fields. Resource Manager uses the bandwidth number to reserve resources for this terminal.
- Step 10** Select a topology setting from the Location drop-down list.
The Location field is visible only when the IP Topology tab is activated in the Resource Manager Configuration Tool under System Configuration > UI Settings.
- Step 11** Select **Restricted Mode** for a PSTN/ISDN network working in restricted mode.
- Step 12** Enter the phone number of the ISDN terminal in the Country Code, Area Code and Number fields.

If you do not specify this information, Resource Manager cannot find the optimal gateway for the terminal when scheduling a conference.

- Step 13** Click **OK** to save your changes.
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Removing a Terminal Profile

Procedure

- Step 1** Click **Resource Management** in the sidebar menu.
- Step 2** Click **Terminals**.
- Step 3** Click the terminal entry you wish to delete in the Name column.
- Step 4** Click **Delete** and then **OK**.

The terminal profile is deleted from the scheduler and information about the terminal is removed from the database.

Searching for a Terminal Profile

Procedure

- Step 1** Click **Resource Management** in the sidebar menu.
- Step 2** Click **Terminals**.
- Step 3** Enter the partial or complete name of the terminal in the Name field, or enter the partial or complete IP or ISDN phone number of the meeting room in the Dialing Info field.
- The ISDN phone number of the terminal should not include dashes or spaces.
- The ISDN phone number can only be used when you select ISDN/PSTN(H.320) or Dual(H.320 and H.323) in the Terminal Type field.
- Both IP and ISDN numbers are displayed if the terminal is configured as a dual terminal.
- Step 4** Click **Search**.
- Search results are listed.
- Step 5** To return to the complete list of meeting rooms, clear the Name and Dialing Info fields, and then click **Search**.
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