



CHAPTER 17

Viewing Your Network in Network Manager

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How to View the Network as a Tree

The Network Tree view organizes the information about the IP conferencing network into one or more tabbed views, each of which lists the elements in the network in a tree structure. By default, the tree divides the elements by zones.

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Configuring Network Hierarchy

The drag and drop feature enables quick configuration of the network hierarchy and automatically reconfigures element relationships by automatically assigning and updating the appropriate details of the elements with which the managed element registers.

You can configure these element relationships:

- Gatekeeper Parent - Child
- Gatekeeper - MCU/Gateway
- MCU - EMP

Network Manager automatically updates element tables for Gatekeeper parent and child elements in the relationship. Network Manager updates MCU and gateway elements with the appropriate gatekeeper IP address. Network Manager updates EMP elements with the relevant IP address and configuration details for registering with the MCU.

Procedure

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- Step 1** Click **Network Tree** in the sidebar menu.
 - Step 2** Select an element in the network tree.
 - Step 3** Drag and drop the element to the required location in the hierarchy.
 - Step 4** Deselect the element.
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Creating a Custom Network Tree View

You can create your own tree structures according to criteria you define, such as the physical location or other customer-specific criteria. You can add folders and elements to the custom views and organize them as needed.

Procedure

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- Step 1** Click **Network Tree** in the sidebar menu.
 - Step 2** Do one of the following:
 - Right-click a tab in the Network Tree view (above the tree) and select **Add tree view**.
 - Select **Edit > New > New tree view**.
 - Step 3** Enter a name for the new tree view and click **OK**.
The new tree view is added to the Network Tree view.
By default, the new tree view includes a Network root directory and an Unassigned folder. The Unassigned folder contains all the elements in the network organized by type.
 - Step 4** Create folders for organizing the elements in the tree view by right-clicking the location in the tree where each folder should be located, and selecting **Add folder**.
 - Step 5** Drag and drop elements from the Unassigned folder to the folders that you created.

**Note**

To rename or remove tree views, either use the Edit menu or right-click the tree view. To rename or remove folders, right-click the folder and select the relevant option.

Viewing the Network as a Table

The Network Table view displays information about all the elements in the IP conferencing network in a single table and provides element editing, search and auto-detect capabilities.

Procedure

Step 1 Click **Network Table** in the sidebar menu.

The Network Table view includes the following information about each element:

- Element status
- Element type
- Element name
- IP address
- Version number
- Location
- Gatekeeper calls
- Resource usage versus capacity

Step 2 Click the column headers to sort the information displayed.

Step 3 Double-click any element in the table to display the relevant element manager for that element.

Viewing the Network as a Map

The Network Map view displays information about the IP conferencing network in the form of graphic maps created for each node in the network hierarchy.

Procedure

Step 1 Click **Network Map** in the sidebar menu.

The top level of the Network Map view displays the network root and the zones into which the network is divided.

Each square represents either the network root, a zone (or user-defined folder) or a single element. Each square includes the following information:

- Current status
- Number of calls
- Number of conferences
- Number of registered participants versus capacity
- Number of B-channels handled by gateways versus capacity
- Total bandwidth handled by gatekeepers versus capacity

Inter-zone bandwidth information appears above the zones when relevant.

Step 2 Use the Up and Down buttons to navigate between map levels.

The Network Map view enables you to navigate from the zone level (or folder) to the element level by double-clicking a square.

Step 3 Use the list to select which view to display.
