



CHAPTER 5

Managing Device Groups

In Prime Collaboration, device groups are created automatically. After device discovery, you can find device groups based on the device type, irrespective of their states. Grouping devices helps you to display data for a single device, or for a group. You can create customized groups to monitor information that you are interested in.

You can view the grouping structure as a list or tree view in the **Device Group** pane. The **Device Group** pane is available in the Device Work Center, Session Diagnostics (as a filter), Endpoint Diagnostics, Alarms and Events pages. You can select devices/ endpoints from the groups you are interested in, to check inventory details, monitor sessions, endpoints, alarms, and events. A Device Group Selector is also available to select devices for polling. This option is available in the Polling Parameters page. See [Device Group Selector, page 5-4](#) for information.

You can create groups manually on any page where the group selector (tree view) is available.

Grouping is used to:

- Filter devices on the Device Work Center page
- Filter produced reports
- Filter sessions on the Session Monitoring page
- Filter endpoints on the Endpoint Monitoring page
- Filter alarms/ events on alarm/ event browser pages
- Filter dashlets on the landing page

Devices in Prime Collaboration are grouped into:

- System-defined groups: These groups are defined by the system based on the device type, are always dynamic, and cannot be deleted.
- User -defined groups: These groups can be dynamic (based on rules) or static.
 - Static Groups

Devices are added to these groups without any defined set of rules. After the group is created, you can manually add devices to it. Devices for which you cannot easily set a rule fall into this group.
 - Dynamic Groups

Devices are added to these groups during group access, based on a set of rules or attributes that you define. Attributes such as Device Type, Device Model, Host Name and so on are used to set rules. You can use group properties to define the rules, and group gets updates when the group rule is met.

**Note**

Time taken to create a user-defined dynamic group depends on the number of members within the group.

For user-defined dynamic and static groups, you can use the add subgroups, edit groups, delete groups, and duplicate groups, using the quick view. For dynamic groups, when you create or add a dynamic subgroup, it automatically inherits the parent group rule.

To launch the quick view, hover the mouse over the device group and click on the quick view icon.

[Table 5-1](#) describes the Quick View details for user-defined groups.

Table 5-1 Quick View Details for User Defined Groups



Field	Description
Name	Name of the device.
Description	Description of the device.
Type	Type of the device.
Group Type	Displays the group type dynamic/ static.
Number of Members	Displays the total number of members in the group.
Number of SubGroups	Displays the number of subgroups (children), in the group. You can add any number of sub groups to a group.
Number of Rules	Displays the number of rules set for the group.
	 Note To know the details of the rules, hover the mouse over Number of Rules and click on the quick view icon.
Add SubGroup	<ol style="list-style-type: none"> 1. Click Add SubGroup. 2. In the Create SubGroup window, enter details for the sub group. 3. Click Save. <p>You can create a static group within a dynamic group and vice versa. When you create a static group, it does not inherit any rule from the parent dynamic group. Static groups are independent groups created at any hierarchy.</p> <p>For dynamic groups, when you create dynamic sub groups, it automatically inherits the parent group rule.</p>
Edit Group	<ol style="list-style-type: none"> 1. Click Edit Group. 2. In the Edit Group window, edit the required fields. 3. Click Save. <p>You can edit the Group Name, Description, and also select the appropriate Parent Group.</p>

Table 5-1 Quick View Details for User Defined Groups (continued)

Field	Description
Delete Group	<ol style="list-style-type: none"> 1. Click Delete Group. A message appears, Are you sure you would like to delete the selected item(s)? 2. Click OK.
Duplicate Group	<ol style="list-style-type: none"> 1. Click Duplicate Group. 2. In the Duplicate Group window, enter details for the group. 3. Click Save. When you perform a Duplicate Group for a dynamic group, the rule properties get copied to the new group.

Creating Groups

To create a new group:

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- Step 1** Click the  icon at the right of the Device Group pane.
- Step 2** Click **Create Group**.
- Step 3** In the **Create Group** window, enter the group name and description.
- Step 4** Select the group type **Static** or **Dynamic**.
- Step 5** For Dynamic Group, set the rule by selecting **Match as All** or **Match as Any** and selecting a suitable combination of criteria from the drop down list.
You can set more than one rule by clicking +. New rows are added.
- Step 6** Click **Save**.
A new group with the set rule is added under the user-defined group.
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Adding Devices to a Group

To add devices:

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- Step 1** Choose **Operate > Device Work Center**.
- Step 2** Select the managed devices from the Current Inventory table.
- Step 3** Click the right arrow on the Current Inventory pane.
- Step 4** Select **Add To Group**.
The is displayed.
- Step 5** In the **Add To Group** window, select the group you are interested in from the **Select Group** drop-down list, and click **Save**.

The devices are added to the selected group.

Removing Devices from a Group

To remove devices:

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- Step 1** Choose **Operate > Device Work Center**.
- Step 2** From the Device Work Center page, select the managed devices from the Current Inventory table.
- Step 3** Click the right arrow on the Current Inventory pane.
- Step 4** Select **Remove From Group**.
- A message appears, Are you sure you would like to delete the selected item(s)?
- Step 5** Click **OK**.
- The devices are removed from the group.
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Note

You can add or delete devices to a user-defined static group only. You cannot add devices to a user-defined dynamic group.

Device Group Selector

A device group selector is available on the Polling Parameters page (Choose **Administration > System Setup > Polling & Threshold > UC Polling Parameters**) to select groups for polling. This provides a way to filter devices. A group consists of devices, applications, and subgroups. Each group has a set of properties (such as a name, description, permission, and so on), but what defines a group are its associated rules. Rules determine the membership of a group, which may change whenever the rule is evaluated.

Prime Collaboration supports groups in a hierarchical fashion. Each child group is a subgroup of a parent group, and its group membership will be a subset of its immediate parent group. For an object to belong to a group, it must satisfy the immediate group rules and the parent group rules.

The device group selector under polling parameters displays groups in a hierarchical fashion. You will see two main groups, and their subgroups:

CS@<server name>

- System Defined Groups

OM@<server name>

- System Defined Groups
- User Defined Groups
- System Defined groups—The default grouping of devices in Cisco Prime Collaboration. System-defined groups cannot be deleted or edited.

- User Defined groups—Groups that you edit or create to reflect the way you manage the network. However, you cannot create a group directly under user-defined groups. The user-defined groups are created in the Device Work Center page under the Device Group option. See [Creating Groups, page 5-3](#). Only static user-defined groups are synchronized from Device Group to the Device Selector pane in the Polling Parameters page. Static groups created within dynamic groups are also not synchronized.

