



## CHAPTER 14

# Creating and Editing Device Polling Groups

The following topics tell you how to configure polling groups:

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- [Assigning Devices to Polling Groups, page 14-3](#)

## Device Polling Groups

Device polling is the frequency at which Prime Performance Manager retrieves updated information from devices. When you complete device discovery (see [Chapter 4, “Discovering Network Devices”](#)), Prime Performance Manager assigns devices to polling groups based on the device type. For example, all discovered Cisco 7606 Series Routers are assigned to a Cisco7606s polling group, all Cisco MWR 1941-DC Mobile Wireless Routers are placed in a CiscoMWR-1941-DC polling group, and so on. The number of polling groups created during device discovery depend on the number of unique device types Prime Performance Manager discovers. If all devices belong to the same device type, then only one polling group is created.

Polling groups are defined by the attributes listed in [Table 14-1](#). All polling groups created during device discovery are assigned the default values. However, you can:

- Change the polling based on the device type. For example, to change the polling for all Cisco 7606 routers, you would modify the Cisco7606s polling group.
- Create a new polling group and assign devices to it. For example, if you want to assign the same polling parameters to a group of devices with different device types, you create the polling group and assign each device to it.

**Table 14-1**      *Polling Group Parameters*

Parameter	Default	Description
Poll Interval	15 minutes	The interval of time at which Prime Performance Manager polls the device.
Time Out	30 seconds	If Prime Performance Manager cannot connect to the device initially, the amount of time it will continue to try to connect before it times out.
Retries	2	If Prime Performance Manager cannot connect to the device, the number of times it will retry the connection after the time out interval is reached.

## Editing Polling Group Parameters

Complete the following steps to edit the parameters of an existing polling group:

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- Step 1** Log into the Prime Performance Manager GUI as the administrative (Level 5) user.
- Step 2** In the navigation area, click **Administrative**.
- Step 3** In the Administrative window, click the **Polling Groups** tab.
- Step 4** Scroll to the polling group you want to modify and edit the values in the following table cells:
- Poll Interval
  - Time Out
  - Retries

See [Table 14-1 on page 14-1](#), for polling group parameter descriptions and default values.



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**Note** You cannot edit the polling group name.

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- Step 5** On the Polling Group toolbar, click the **Save Polling Group** tool.
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## Creating a New Polling Group

Complete the following steps to create a new polling group:

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- Step 1** Log into the Prime Performance Manager GUI as the administrative (Level 5) user.
- Step 2** In the navigation area, click **Administrative**.
- Step 3** In the Administrative window, click the **Polling Groups** tab.
- Step 4** On the Polling Group toolbar, click the **Add Polling Group** tool.
- Step 5** Scroll to the polling group you want to modify and edit the values in the following table cells:
- Poll Interval
  - Time Out
  - Retries

See [Table 14-1 on page 14-1](#), for polling group parameter descriptions and default values.



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**Note** You cannot edit the polling group name.

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- Step 6** On the Polling Group toolbar, click the **Save Polling Group** tool.
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# Assigning Devices to Polling Groups

By default, Prime Performance Manager creates device type polling groups and assigns devices to them based on their device type. You can create custom polling groups and reassign the devices to them. To assign a device to a custom polling group:

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- Step 1** Log into the Prime Performance Manager GUI as the administrative (Level 5) user.
- Step 2** In the navigation area, expand the **Summary Lists** and click **Devices**.
- Step 3** In the device table, select the row of the device whose polling group you want to change. To select more than one device, press **Shift** and highlight the device table row.
- Step 4** From the Devices window toolbar Actions menu, choose **Edit Polling Group**.
- Step 5** In the Edit Polling Group dialog box, choose the polling group you want to assign. The following options appear:
- The device type polling group. This option is not displayed if you choose multiple devices with different device types.
  - This Device Only—If selected, allows you to edit the polling group parameters and assign it to the selected devices.
  - Default—Assigns the device(s) to the default polling group.
  - Custom groups—If you created polling groups, they are displayed.
- Step 6** Click OK.
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