Using Summary Lists

Prime Performance Manager summary lists provide summary information for areas described in the following topics:

Using the Devices Summary List

The Devices summary list displays information about devices that Cisco Prime Performance Manager has discovered. To display the Devices table, choose **Summary Lists > Devices**. See Table 8-1 to see details of the Devices table.

Note Some table columns are hidden by default. To display a hidden column, see Adding and Removing Summary List Table Columns, page 8-9.

Table 8-1 *Devices Table*

Column	Description
Internal ID	Internal ID of the device. The internal ID is a unique ID for every object, which the Prime Performance Manager assigns for its own internal use.
Unit	Name of the unit.
Display Name	Name of the device. This column is displayed by default.
Custom Name	Custom name of the device.

Table 8-1   Devices Table (continued)

Column	Description
IP Address or DNS Hostname	IP address or DNS name of the device, as Prime Performance Manager discovered it.
SysName	System name of the device.
Primary SNMP Address	IP address of the device, which SNMP uses to poll the device. This column is displayed by default.
Device Type	Description of the hardware platform that supports a feature. This column is displayed by default.
Software Version	Version of device's software. This column is displayed by default.
Avg. Poll Response (secs)	Average response time for the device to respond to poll from the Prime Performance Manager server.
Uptime	Time the device has been up, in days, hours, minutes, and seconds. This column is displayed by default.
Reboot Reason	Reason for the last reboot of the device.
Discovery Source	Indicates the source of the device discovery, either PPM (Prime Performance Manager) or Prime Network.
Ignored	Users with authentication level Network Operator (level 3) and higher can edit this field. Users with authentication level Power User (level 2) and higher can edit the Unignore field.
Report Polling	Indicates whether or not report polling is enabled for this device. This column is displayed by default.
Severity	Indicates the alarm severity for the chosen device. The severity can be Critical, Major, Minor, Warning, Informational, Indeterminate, Unmanaged, or Normal. This column is displayed by default.
Last Status Change	Date and time that the status of the device last changed.
Status	Current status of the device. Possible values are: • Active • Discovering • Polling • Unknown • Unmanaged • Waiting • Warning This column is displayed by default.

Table 8-1   Devices Table (continued)

Column	Description
Status Reason	Reason for the current status of the device. For a full list of possible reasons, see the *stateReasons.html* file. • If you installed Prime Performance Manager Gateway in the default directory, /opt, then the file is located at /opt/CSCOppm-gw/apache/share/htdocs/eventHelp directory. • If you installed the Prime Performance Manager unit in the default directory, /opt, then the file is located at /opt/CSCOppm-gw/apache/share/htdocs/eventHelp directory If the cell is too small to show all of the status reason, place the cursor over the cell to see the full text in a tooltip. This column is displayed by default.
Contact	The name of the device contact, if added.
Location	The device location, if added.
Polling Group	The polling group to which the device is assigned. See Chapter 14, "Creating and Editing Device Polling Groups."
Report Policy	The report policy to which the device is assigned. See Managing Report Policies, page 7-11.

Using the Device Distributions Summary List

The Device Distributions link displays the percentage distribution summary lists. It displays information about device type, total number of devices and their percentage distribution. To display the Device Distributions table, choose **Summary Lists > Device Distributions**. Device Distribution fields include:

- Type—Description of the hardware platform that supports a feature. See the description of Device Type in Using the Devices Summary List, page 8-1 for more information.

- Total (*total number of devices*)—Total number of devices of a particular type.

- Percentage—Percentage of devices of this type out of all the discovered devices.

Using the Alarms Summary List

The Alarms table displays a count of alarms by device and severity. To display the Alarms table, choose **Summary Lists > Alarms**. See Table 8-2 for more details.

✎

Note   Some table columns are hidden by default. To display a hidden column, see Adding and Removing Summary List Table Columns, page 8-9.

Table 8-2   Alarm Descriptions

Column	Tool	Description
Internal ID	—	Internal ID of the device. The internal ID is a unique ID for every object, which Prime Performance Manager assigns for its own internal use. This ID can also be useful when TAC needs to debug problems.
Device	—	Name of the device. When you click any of the device names, the Alarms tab of that device is displayed. This column is displayed by default.
Ignored	—	Users with authentication level Network Operator (level 3) and higher can edit this field. Users with authentication level Power User (level 2) and higher can edit the Unignore field.
Last Status Change	—	Date and time that the status of the device alarms last changed.
Total	—	Total number of alarms for the device. This column is displayed by default.
Critical (*alarm count*) (*alarm percentage*)		Total number of critical alarms for the device. Click the severity name to sort the page by Critical severity.This column is displayed by default.
Major (*alarm count*) (*alarm percentage*)		Total number of major alarms for the device. Click the severity name to sort the page by Major severity. This column is displayed by default.
Minor (*alarm count*) (*alarm percentage*)		Total number of minor alarms for the device. Click the severity name to sort the page by Minor severity. This column is displayed by default.
Warning (*alarm count*) (*alarm percentage*)		Total number of warning alarms for the device. Click the severity name to sort the page by Warning severity. This column is displayed by default.
Informational (a*larm count*) (*alarm percentage*)		Total number of informational alarms for the device. Click the severity name to sort the page by Informational severity. This column is displayed by default.
Indeterminate (*alarm count*) (*alarm percentage*)		Total number of indeterminate alarms for the device. Click the severity name to sort the page by Indeterminate severity. This column is displayed by default.
Normal (*alarm count*) (*alarm percentage*)		Total number of normal alarms for the device. Click the severity name to sort the page by Normal severity. This column is displayed by default.

Using the Average Poll Response Summary List

The Average Poll Response table display the average time taken (in secs) by a device to respond to the Prime Performance Manager server poll requests. To display the Average Poll Response table, choose **Summary Lists > Average Poll Response**. See Table 8-2 for more details.

Note   Some table columns are hidden by default. To display a hidden column, see Adding and Removing Summary List Table Columns, page 8-9.

Table 8-3   Average Poll Response

Column	Description
Internal ID	Internal ID of the device. The internal ID is a unique ID for every object, which Prime Performance Manager assigns for its own internal use. This ID can also be useful when TAC needs to debug problems.
Unit	Name of the unit.
Display Name	Name of the device.
Primary SNMP Address	IP address of the device, which SNMP uses to poll the device. This column is displayed by default.
Device Type	Description of the hardware platform that supports a feature. See the description of Device Type in Using the Devices Summary List, page 8-1 for more information.
Report Polling	Indicates whether or not report polling is enabled for this device. This column is displayed by default.
Avg. Poll Response (secs)	Average response time for the device to respond to poll from the Prime Performance Manager server.

Using the Uptime Summary List

The Uptime link displays the uptime for managed devices. To display the Uptime for Managed Devices table, choose **Summary Lists > Uptime**. See Table 8-4 for more details.

Note   Some table columns are hidden by default. To display a hidden column, see Adding and Removing Summary List Table Columns, page 8-9.

Table 8-4   Uptime Summary List

Column	Description
Internal ID	Internal ID of the device. The internal ID is a unique ID for every object, which the Prime Performance Manager assigns for its own internal use.
Unit	Name of the unit.
Display Name	The device display name.
Device Type	Description of the hardware platform that supports a feature. See the description of Device Type in Using the Devices Summary List, page 8-1 for more information. This column is displayed by default.
Uptime	Time the device has been up, in days, hours, minutes, and seconds. This column is displayed by default.

Table 8-4   Uptime Summary List (continued)

Column	Description
Reboot Reason	Reason for the last reboot of the device. This column is displayed by default.
Severity	Indicates the alarm severity for the chosen device. The severity can be Critical, Major, Minor, Warning, Informational, Indeterminate, Unmanaged, or Normal. This column is displayed by default.

Using the Contacts/Locations Summary List

The Contacts/Locations link displays the contacts and locations for managed devices if that information was entered. To display the Contacts/Locations table, choose **Summary Lists > Contacts/Locations**. See Table 8-5 for more details.

Note   Some table columns are hidden by default. To display a hidden column, see Adding and Removing Summary List Table Columns, page 8-9.

Table 8-5   Contacts/Locations Summary List

Column	Description
Internal ID	Internal ID of the device. The internal ID is a unique ID for every object, which the Prime Performance Manager assigns for its own internal use.
Display Name	The device display name.
IP Address or DNS Hostname	IP address or DNS name of the device, as the Prime Performance Manager discovered it.
SysName	System name of the device.
Primary SNMP Address	IP address of the device, which SNMP uses to poll the device. This column is displayed by default.
Device Type	Description of the hardware platform that supports a feature. See the description of Device Type in Using the Devices Summary List, page 8-1 for more information. This column is displayed by default.
Contact	The device contact name. This column is displayed by default.
Location	The device location. This column is displayed by default.

Using the SNMP Timeout Alarms Summary List

The SNMP Timeout Alarms link displays the Devices for Alarm NodeUnreachable table. To display this table, choose **Summary Lists > SNMP Timeout Alarms**. The table displays the same columns as that of Devices Table. See Using the Devices Summary List, page 8-1.

Note   Some table columns are hidden by default. To display a hidden column, see Adding and Removing Summary List Table Columns, page 8-9.

Using the Software Versions Summary List

The Software Versions table lists the software versions for each device Cisco Prime Performance Manager manages.

To access the Software Versions page from the Web interface navigation tree, choose **Summary Lists > Software Versions**. Table 8-6 shows the Software Versions summary table columns.

Note   Some table columns are hidden by default. To display a hidden column, see Adding and Removing Summary List Table Columns, page 8-9.

Table 8-6   Software Versions Summary List

Column	Description
Display Name	Name of the device.
Device Type	Description of the hardware platform that supports a feature. See the description of Device Type in Using the Devices Summary List, page 8-1 for more information. This column is displayed by default.
Software Version	Software version used by the device. This column is displayed by default.
Software Description	Full software version information. This column is displayed by default.

Using the Gateways and Units Summary List

The Gateway/Units table lists the number of gateway and unit that are configured on Prime Performance Manager web interface. To view the Gateway/Units table, choose **Summary Lists > Gateway/Units**. Table 8-7 shows the Gateways and Units summary list table columns.

To access a unit or gateway, select a gateway or unit from the table. The unit or gateway details appear on the right content pane.

In the details page, the same number of tabs that is displayed for a unit or gateway, with the exception of the Devices for Unit tab, which appears only for the unit. The Devices for Unit table details are the same as the Device table details. See Using the Devices Summary List, page 8-1 for more information.

Table 8-7   Gateways and Units Summary List

Column	Description
Internal ID	Internal ID of the device. The internal ID is a unique ID for every object, which the Prime Performance Manager assigns for its own internal use.
Display Name	Name of the device.
Custom Name	Custom name of the device.
IP Address or DNS Hostname	IP address or DNS name of the device, as the Prime Performance Manager discovered it.
Primary SNMP Address	IP address of the device, which SNMP uses to poll the device. (There might be other IP addresses on the device that are not the primary SNMP address). This column is displayed by default.
Redundancy Group	If the unit belongs to a redundancy group, the redundancy group name. See Creating Unit Protection Groups, page 13-4.
Primary/Redundant	If the unit belongs to a redundancy group, the unit roll, either primary or redundant.
Type	Description of the type of device (gateway or unit).
Connection Time	Connection time with the server to a unit or gateway.
In Service	Total time the server is in service.
Last Status Change	Date and time that the status of the device last changed.
Status	Current status of the unit or gateway. Possible values are: • Active • Discovering • Polling • Unknown • Unmanaged • Waiting • Warning This column is displayed by default.
Status Reason	Reason for the current status of the device. For a full list of possible reasons, see the *stateReasons.html* file. • If you installed Prime Performance Manager Gateway in the default directory, /opt, the file is located at /opt/CSCOppm-gw/apache/share/htdocs/eventHelp directory. • If you installed Prime Performance Manager unit in the default directory, /opt, then the file is located at /opt/CSCOppm-gw/apache/share/htdocs/eventHelp directory If the cell is too small to show all of the status reason, place the cursor over the cell to see the full text in a tooltip.

> **Note**   Only one unit (local unit) at any time can be mapped to a gateway and the other units are distributed and managed by the gateway.

Adding and Removing Summary List Table Columns

Summary list tables contain many columns that are hidden by default. To display hidden columns, and to hide columns that are displayed:

Step 1   Right-click a summary table header.

Step 2   In the list of columns, check the columns that you want display; uncheck columns that you want to hide.

Step 3   At the bottom of the column list, click **Apply**.

Editing Summary List Items

The following actions can be performed by Level 3 or higher users on devices displayed in the Devices, Average Poll Response, Uptime, Contact/Locations, SNMP Timeout Alarms, and Gateway/Units (Edit Properties and Delete only) summary list tables:

- Normal Poll Device—Polls the devices selected in the summary list.
- Edit Properties—Allows you to edit the device display name and default web port. See Using Edit Properties, page 8-10.
- Edit Report Policy—Allows you to change the report policy assigned to the device. See Using Edit Report Policy, page 8-10
- Edit Polling Policy—Allows you to change the polling policy assigned to the device. See Using Edit Report Policy, page 8-10.
- Edit SNMP IP Addresses—Allows you to edit a device SNMP IP addresses. See Using Edit SNMP IP Addresses, page 8-11.
- Relocate Device—Allows you to relocate a device from one unit to another. See Using Relocate Device, page 8-11.
- Disable/Enable Sending Alarms (Release 1.1.1 only)—Disables or enables sending alarms from the selected device.
- Manage/Unmanage—Allows you to change unmanaged devices to managed, and managed devices to managed.
- Delete—Deletes the chosen object.

Using Edit Properties

Actions > Edit Properties opens the Edit Properties window. Options include:

- Name—Name of the device. The name is green for valid inputs and red for invalid inputs. The name may include up to 100 alphanumeric and the special characters hyphen (-), underscore (_), period (.), and colon (:). If you enter an invalid name, the Save option is disabled. After saving, the new name is displayed in the navigation tree and in the Details panel. The character '.' is allowed only when the resulting name is a valid hostname.

- Default Web Port—The default port for web connections.

- Save—Saves the changes you have made.

- Restore—Restores the changes that you make to the fields of the Edit Properties dialog box.

- Cancel—Closes the window without saving the changes you have made.

Using Edit Report Policy

Actions > Edit Report Policy opens the Edit Report Policy dialog box. Options include:

- Report Policy—Allows you to assign a different report policy to the device. For information about creating report policies, see Managing Report Policies, page 7-11.

- Save—Saves the changes you have made.

- Cancel—Closes the dialog box without saving the changes you have made.

Using Edit Polling Group

Actions > Edit Polling Group opens the Polling Group Details dialog box. Options include:

- Polling Policy—Allows you to assign a different polling policy to the device. For information about creating and editing polling policies, see Chapter 14, "Creating and Editing Device Polling Groups."

- Polling Interval—The polling interval configured in the polling policy. If you choose This Device Only, the field is editable.

- Polling Interval—The polling interval in minutes configured in the polling policy. Polling Interval is not editable unless you choose This Device Only in the Polling Policy field.

- Timeout—The timeout duration in seconds configured in the polling policy. Timeout is not editable unless you choose This Device Only in the Polling Policy field.

- Retries—The number of times Prime Performance Manager will retry a connection after a timeout configured in the polling policy. Retries is not editable unless you choose This Device Only in the Polling Policy field.

- Save—Saves the changes you have made.

- Cancel—Closes the dialog box without saving the changes you have made.

Using Edit SNMP IP Addresses

Note   The Actions menu Edit SNMP IP Addresses option opens Cisco Prime Performance Manager: Edit SNMP IP Addresses window. Edit SNMP IP Addresses properties are shown in Table 8-8.

Note   The Edit SNMP IP Addresses option is available only for the users with authentication Level 5.

Table 8-8   Edit SNMP Address Window

Field or Button	Description
Available IP Addresses	List of all IP addresses not associated with SNMP for polling.
IP Addresses for SNMP	Lists the IP addresses associated with the device, including the primary SNMP address and all backup IP addresses, that are intended for SNMP.
Add	Adds the IP Addresses from the Available IP Address box to the IP Addresses for SNMP box. This option is disabled if there is no IP address in the Available IP Address box.
Remove	Removes the IP Addresses from the IP Addresses for SNMP box and adds them to the Available IP Addresses box. This option is disabled if there is no IP address in the IP Addresses for SNMP box.
Raise	Moves the selected IP address up one level in the IP Addresses for SNMP box. This option is disabled if there is only one IP address in the IP Addresses for SNMP box.
Lower	Moves the selected IP address down one level in the IP Addresses for SNMP box. This option is disabled if there is only one IP address in the IP Addresses for SNMP box.
Save	Saves the changes you have made.
Cancel	Closes the window without applying any changes you have made.

Using Relocate Device

The Relocate Device action opens Cisco Prime Performance Manager: Relocate Device window. Relocate Device options are shown in Table 8-9.

Table 8-9   Relocate Device Window

Field	Description
Unit	Drop-down that lists the configured unit that can be used by a device to relocate.
Save	Saves the changes that you have made.
Cancel	Closes the window without applying any changes that you have made.

Editing Summary List Items