Accessing Data from the Web Interface

This chapter provides information about accessing Prime Performance Manager data from Prime Performance Manager web interface.

This chapter contains:

Supported Browsers

Prime Performance Manager web interface is supported on the following browsers:

- Microsoft Windows: Microsoft Internet Explorer version 8.0
- Solaris: Mozilla Firefox 3.6.x
- Red Hat Linux Enterprise 5.3 or 5.5: Mozilla Firefox 3.6.x

Checking Your Browser

To check your browser and screen settings, from the Prime Performance Manager web interface Home page, select **Browser Checker**.

Note Opening Prime Performance Manager in an unsupported browser generates a warning. Also, if JavaScript is not enabled, Prime Performance Manager web interface cannot function.

Table 5-1 contains the Browser Checker window details:

Table 5-1   Browser Checker

Pane or Field	Description
Browser Information	
Browser	Name and version of the browser you are using.
Browser User Agent	Text string sent to identify the user agent to the server. Typically includes information such as the application name, version, host operating system, and language.
Platform	Platform type. For example, Win32.
Cookies Enabled	Whether you have cookies enabled on the browser (Yes or No).
Javascript Enabled	Whether Javascript is enabled (Yes or No).
AJAX Component	Asynchronous JavaScript and XML (AJAX) component sends asynchronous HTTP update requests. Prime Performance Manager web application is only accessible to web browsers that have an AJAX component enabled. Typical values include XMLHttpRequest.
Screen Information	
Size	Resolution of the display; for example, 1600 x 1200.
Color Depth	Depth of the color display; for example, 16.

Accessing Prime Performance Manager Web Interface

The home page of Prime Performance Manager web interface is the first window to appear when you launch Prime Performance Manager web interface.

To access Prime Performance Manager web interface, open a browser and enter **http://***Prime Performance Manager_server***:4440** in the Address field. (4440 is the default port).

Accessing Prime Performance Manager web interface through a URL other than **http:**//*Prime Performance Manager-server:***4440** is not supported.

Overview of Prime Performance Manager Web Interface

Prime Performance Manager web interface shows basic information about the network objects that Prime Performance Manager manages. See Table 5-2 for web interface details.

Table 5-2   *Prime Performance Web Interface*

Pane	Description
Title Bar	Shows: • Prime Performance Manager, version, and server name • Logout (appears only if you enable user access; see Configuring User Access, page 3-1) • Help—Click this link to access context-sensitive online help • Preferences—Click this link to access preferences that you can change from the web interface. • Status Message — Title Bar shows Node Discovery and Deletion of a Node messages.
Navigation Tree	(Left pane) shows a tree of information organized by categories.
Content Area	(Right pane) shows detailed information about the object chosen in the navigation tree.

Prime Performance Manager Web Interface Navigation Tree

You can easily navigate the features of Prime Performance Manager web interface by using the navigation tree in the left pane.

To view detailed information about a selection in the navigation tree, click the item in the tree. The content area in the right pane shows details about the chosen item. A plus (+) or minus (-) to the left of the item indicates whether the item has subtending items under its domain.

Prime Performance Manager automatically updates the navigation tree when changes occur to discovered nodes or to the network. When any changes occur in the Prime Performance Manager navigation tree, the Prime Performance Manager web interface reflects these changes in its navigation tree.

For example, if you delete a report from the Report Status tab in Prime Performance Manager, the report is removed from the navigation tree. See Table 5-3 for web interface navigation tree details.

Table 5-3   *Left Navigation Tree*

GUI Element	Description
Home	Shows links to Prime Performance Manager client software, Cisco documentation, and information about Prime Performance Manager on the Cisco web (see Displaying the Home Page, page 5-10).
Administrative	The Administrative page of Prime Performance Manager web interface provides the following tabs: General—Shows Prime Performance Manager system information including messages, logs, status, and properties. SNMP—Provides access to SNMP (Simple Network Management Protocol) Editor to edit and save SNMP settings. Unit Editor— Enables you to add a node to a unit. Discovery—Allows you to discover the network. Prime Network —Provides access to Prime Network Gateway. User Management—Displays all users in the system along with the time of their most recent login, their access level, and their account status. If Prime Performance Manager User-Based Access is enabled, only users with System Administrator access can see all options.

Table 5-3   Left Navigation Tree (continued)

GUI Element	Description
Active Alarms	Displays information about Prime Performance Manager alarms. An alarm is a sequence of events, each representing a specific occurrence in the alarm lifecycle. Alarms can change over time.
Event History	Displays information about Prime Performance Manager events. Events are created when the user performs certain actions that change the status of the device. Events occur at a fixed point in time and do not change.
Summary Lists	Displays basic summary information about all discovered network objects.
Reports	Displays enabled, network-level reports of all managed devices. • Application Traffic — Shows Hourly Summary report table of SNMP, TCP, AAA and UDP. • Availability—Shows Hourly Interface Availability of SNMP Ping, MPLS Tunnels., Pseudo wires and Interfaces. • IP QoS—Shows the class map statistics report of the attached nodes. • IP Routing — Shows hourly summary message report of BGP, ICMP and OSPF type of nodes. • Interface — Shows hourly/daily interface utilization reports. • IPSLA — Shows hourly/daily Jitter statistics reports. • Resources — Shows hourly/daily resource utilization reports. • Transport Statistics— Shows hourly/daily transport interface statistics reports. • MPLS — Shows the hourly/daily in segment, out segment, tunnel and interface reports.

Prime Performance Manager Web Interface Content Area

The content area of Prime Performance Manager client interface is fully described. That description also applies to the web interface. Additional navigational features that appear only in the web interface include:

- Customizing Date and Time Ranges, page 5-4
- Using the Toolbar, page 5-5

Customizing Date and Time Ranges

Some windows require that you select date ranges for generating historical graphs. The **Customize the date and time range** tool ▦ allows you to choose the dates with server timezone.

To customize the date range:

Step 1   Click the **Customize the date and time range** tool ▦ in the toolbar of the content area.

The Choose a Date Range server timezone dialog box appears.

Step 2   Enter:

a.   Begin Date and End Date or select those dates by clicking the Calendar tool ▦ . These dates are the dates with server timezone.

b.   Begin Hour and End Hour from the drop-down menus, if they are available.

✎

Note   An error message appears if the End Date is equal to or less than the Begin Date. Correct the error before proceeding.

Step 3   Click **OK** to accept the date and time changes

or

Click Cancel to cancel this operation.

Prime Performance Manager web interface accepts and applies the changes by generating a report for the chosen server time (in case of reports).

Using the Toolbar

Depending upon the object you select in the navigation tree, the web interface toolbar provides these tools and options. See Table 5-4 for Toolbar functions.

Table 5-4   *Toolbar Functions*

Tool or Function	Description
Last Updated	Date and time Prime Performance Manager last updated the information on the page.
Page	Shows where you are (page X of X total pages) and lists the total number of entries.
Refresh	Forces a refresh of the current web page. Click this icon to refresh the current page.
Pause	Pauses the page refresh feature. Click **Pause** to disable the Page Refresh that would normally occur after the Status Refresh Interval. Click **Pause** again to re-enable the Status Refresh Interval.
Status Refresh Interval	Allows you change the default refresh interval of 180 seconds. Enter a value between 180 and 900 seconds. Changes you make are applicable only to the current page. Navigating away from the page sets the status refresh interval back to the default setting.
Page Size	Drop-down list of different page sizes (the number of table rows in the display). Click the drop-down arrow to select a different value. The value that you select becomes the default page size for all pages in the web interface. The title bar displays the current page and total number of table entries.

Table 5-4 **Toolbar Functions (continued)**

Tool or Function	Description
Quick Search	Text box to filter the objects listed under the Summary List tables (Except for IP Addresses and Point Code tables). Enter the string in the text box to filter the table by and then press **Enter**. The rows under the table are filtered based on the string entered.
	The details for each Summary table are given below. This explains which columns are used for searching for the filtered string:
	• Nodes: Internal ID, Unit, Display Name, Primary SNMP Address, Node Type, Uptime, Software Version, Ignored, Report Polling, Severity, Status and Status Reason
	• Node Distributions: Type, Total, and Percentage
	• Average Poll Response: Display Name, Primary SNMP Address, Node Type, Report Polling, and Average Poll Response (secs).
	• Uptime: Display Name, Node Type, Uptime, Reboot Reason, and Severity.
	• SNMP Timeout Alarms: Display Name, Primary SNMP Address, Node Type, Software Version, Uptime, Ignored, Report Polling and Severity.
	• Software Versions: Display Name, Node Type, Software Version and Software Description.
	• Gateway/Units: Display Name, Custom Name, Primary SNMP Address, Type, Connection Time, In Service, Status, and Status Reason.
>	Advances the display to the next page of information.
>>	Advances the display to the last page of information.
<	Moves the display to the previous page of information.
<<	Moves the display to the first page of information.
	Shows the severity of the node as Critical
	Shows the severity of the node as Major
	Shows the severity of the node as Minor
	Shows the severity of the node as Warning.
	Shows the severity of the node as Informational.
	Shows the severity of the node as Indeterminate.
	Shows the severity of the node as Normal.

Table 5-4   Toolbar Functions (continued)

Tool or Function	Description
Customize the date and time range	Opens the Choose a Date Range Server timezone dialog box.
Graph Series Editor	Opens the Graph Series Editor dialog box, which provides a check box for each available data series. Check the check box to display a series, and uncheck the check box to hide a series. If you click **OK** without selecting a series, it is the same as clicking **Cancel**. Prime Performance Manager displays no more than 12 series, by default.
Run	Runs the report type for the chosen duration.
Export the report as a CSV file	Exports the data in the table to comma-separated value file (CSV file). You can save this file to disk or open it with an application that you choose (for example, Microsoft Excel).
Data Range (*timezone*)	Label that shows the chosen time range for the historical statistics. The label displays the data range with server time.
Type	Drop-down list of report types.
Duration	Drop-down list of default time ranges. Select one of these options, then click the **Run** tool. To specify a nondefault time range, click the **Customize Date and Time Range** tool.
Output	Drop-down menu that provides these options: • Graph—Displays statistical data in graphs and tables • Table—Presents statistical data in tabular format only • CSV—Exports statistical data using comma-separated values
Sort Parameter	Used in the graph output of certain reports to select the criteria ti include a top set of series. Also for ordering the corresponding graphs displayed.

Table 5-4   Toolbar Functions (continued)

Tool or Function	Description
Actions	Drop-down menu that appears when you hover over the Actions button. The Actions button is displayed for all the object-based Summary Lists (that is all Summary Lists, except Node Distributions and Software Versions) under the navigation tree.
	Users with authentication level 1 cannot see the Actions button. Also, the Manage and Ignore options have separate permissions for Manage/Unmanage and Ignore/Unignore. The menu item is not shown if both permissions are invalid.
	For all Summary Lists except APN, the drop-down menu contains:
	• Normal Poll Node—Polls the chosen nodes.
	• Edit Properties—Opens the Prime Performance Manager: Edit Properties Dialog Window window.
	• Edit SNMP IP Addresses—Opens the Prime Performance Manager: Edit SNMP IP Addresses Dialog Window window.
	• Relocate Node - Opens the Relocate Node Dialog window to relocate the Node from a given unit.
	• Manage —Labels the chosen node Managed. The option Manage is displayed, based on the selected item.
	• Delete—Deletes the chosen object.
[?] Help for Reports	Auto Generated Help for reports, shows the MIB variables that are polled for generating a particular selected report with the calculations (if any) performed on them.

Prime Performance Manager: Edit Properties Dialog Window

The Edit Properties option is available under the Actions menu. This option opens Prime Performance Manager: Edit Properties Dialog window that has editable properties.

See Table 5-5 for details on the Edit Properties Dialog window details

Table 5-5   Edit Properties Dialog Window

Field or Button	Description
Name	Name of the node. The name field is green for valid inputs and red for invalid input. The name may include up to 100 alphanumeric and the special characters hyphen (-), underscore (_), period (.), and colon (:).
	The Save option is disabled for invalid names. After saving, this 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.
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.
Help	Displays Online help for this window.

Prime Performance Manager: Edit SNMP IP Addresses Dialog Window

The Edit SNMP IP Addresses option is available under the Actions menu. This option opens Prime Performance Manager: Edit SNMP IP Addresses Dialog window that has editable properties.

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

See Table 5-6 for details on the Edit SNMP IP Addresses Dialog window details.

Table 5-6   Edit SNMP Address Dialog 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 node, 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.
Help	Displays Online help for this window.

Prime Performance Manager: Relocate Node Dialog Window

The Relocate Node Dialog option is available under the Actions menu. This option opens Prime Performance Manager: Relocate Node Dialog window that can be edited.

The Relocate Node Dialog window contains:

Field	Description
Unit	Drop-down that lists the configured unit that can be used by a node to relocate.
Save	Saves the changes that you have made.
Cancel	Closes the window without applying any changes that you have made.
Help	Displays Online help for this window.

Navigating Table Columns

You can sort, show, or hide the columns in some tables in Prime Performance Manager to meet your specific needs. The Web Interface automatically saves your new settings and, thereafter, launches the interface with the new settings.

You can hide table columns in the Prime Performance Manager web interfaces. In the web interface, you can search for specific information and page through long tables by using its Search and Paging features (see Prime Performance Manager Web Interface Content Area, page 5-4).

- To view a tooltip for each column in the table, place the cursor over a column heading. If a cell is too small to show all of its text, place the cursor over the cell to see the full text of the tooltip.

- By default, Prime Performance Manager displays most of the columns in tables, but some columns may be hidden. To:

  - Display hidden columns, right-click in the table heading and select the check boxes for the columns you want to display. If you are using the web interface, click the **Apply** button.

  - Hide columns, right-click in the table heading and clear the check boxes for the columns you want to hide. If you are using the web interface, click the **Apply** button.

- To sort a table based on the data in a column, left-click in the column heading. The Prime Performance Manager alpha-numerically sorts the table from top to bottom, based on the data in the chosen column. To sort the table in reverse order, left-click in the column heading, again.

- The tables in the web interface, display an icon in the column heading to indicate the column on which the table is sorted, and the direction of the sort. The icon displays a triangle if the sort order is ascending (1-9, A-Z), and an inverted triangle if the sort order is descending (Z-A, 9-1).

If you sort a table in the web interface based on the Nodes column, Prime Performance Manager sorts the table, based on the DNS names of the nodes, as the Prime Performance Manager discovers nodes.

However, if you modified your preferences to identify nodes by their user-defined names, then Prime Performance Manager sorts the table, based on the user-defined names of the nodes. For more information, see Changing Web Preference Settings, page 4-3

Displaying the Home Page

Prime Performance Manager web interface Home page provides access to Prime Performance Manager client software, Cisco documentation, and information about Prime Performance Manager.

To access the Home page of Prime Performance Manager web interface, click **Home** under the navigation tree in the left pane. Below Table 5-7 shows the GUI elements in the right pane.

Table 5-7   GUI Elements

Pane	GUI Element	Description
User Documentation	README CHANGES Help Home Page	Shows: - *README.txt* file - Major new changes for the release - Online Help system for Prime Performance Manager
Prime on Cisco.com	Prime Performance Manager Home Page Engineering Software Updates (FTP) Cisco Network Management Products Cisco.com Home	Shows hyperlinks to: - Prime Performance Manager information on the Cisco website - Software updates provided by Cisco Engineering - Network Management and Automation Products - Cisco.com Home page

Table 5-7   GUI Elements (continued)

Pane	GUI Element	Description
Managed Platform Documentation	Devices Validated README	Prime Performance Manager -Device-IOS-Info
Reports Documentation	• System Reports README - MIBs, Poll Definitions, CSV Formats • User Reports README - MIBs, Poll Definitions, CSV Formats • Report XML Definitions • SNMP MIBs • System Capability Definitions • User Capability Definitions	• Cisco Prime Performance Manager README-Reports-system.html • Cisco Prime Performance Manager README-Reports-user.html • Cisco Prime Performance Manager Supported SNMP MIBs • Cisco Prime Performance Manager Report Files • Cisco Prime Performance Manager /opt/CSCOppm-gw/etc/SystemCapability.xml file • Cisco Prime Performance Manager /opt/CSCOppm-gw/etc/UserCapability.xml file
Client Software	Browser Checker	Information about the browser and screen display
System Documentation	Server CLI Help	Shows CLI output of Prime Performance Manager **help** command

Displaying Active Alarms and Event History

Active Alarms and Event History allows to view a network summary of active alarms and historical events.

The contents of the Active Alarms window and the Event History window are very similar in appearance. However, the Active Alarms table shows fewer entries than the Event History table because multiple events are associated with a single alarm.

Note   The appearance and the contents displayed in the Events and Alarms tab are not the same while viewing reports at the node level. For more information see Managing Reports, page 7-1

To see a summary of all active alarms, in the Prime Performance Manager web interface, click **Active Alarms** in the navigation tree. The Prime Performance Manager shows the Active Alarms window in the right pane.

The Active Alarms window provides basic information about all active alarms. Prime Performance Manager updates the information in the window at least once every minute. For more information about the Active Alarms window, see, Toolbar Buttons, page 5-15

To see a summary of all the recent events, in the Prime Performance Manager web interface, click **Event History** in the navigation tree. The Prime Performance Manager shows the Event History window in the right pane.

For more information about the Event History window see, Toolbar Buttons, page 5-15

If you select a specific node in the navigation tree and click the Alarms tab or Events tab, the Prime Performance Manager shows information about the alarms or events for only that node.

> **Note** For more information about sorting, displaying, or hiding columns, see Navigating Table Columns, page 5-9.

While using the web interface to select an alarm or event in the table, you check the check box for the row. You can select multiple rows.

To clear the selection, click **Clear Selection** in the toolbar. In the web interface, use the Shift key to select multiple rows. To clear the selection, left-click anywhere in the table.

See Table 5-8 for the Active Alarms, Alarms tab, Event History, and Events tabs details

Table 5-8   Active Alarms and Event History

Column	Description
Internal ID	Internal ID of the alarm or event. The internal ID is a unique ID that Prime Performance Manager assigns for its own internal use. This ID can also be useful when the Cisco Technical Assistance Center (TAC) needs to debug problems.
Ack	Indicates whether the alarm or event has been acknowledged. To: • Acknowledge an unacknowledged alarm or event, use the Acknowledge toolbar button. • Make a previously acknowledged event unacknowledged, use the Unacknowledge toolbar button. This column is displayed by default.
Name	Name of the alarm or event. This column is displayed by default under Active Alarms and Alarms tab.
Alarm Nature	Nature of the alarm. The alarm nature is determined when the alarm is created. The valid values are: • ADAC: Automatically detected and automatically cleared • ADMC: Automatically detected and manually cleared • Undefined: Undefined This column is under Active Alarms and Alarms tab.
Alarm Type	The type of the alarm. The valid values are: • Communications • Processing Error • Environmental • QOS • Equipment • Undefined
Element Name	Network element name associated with the event.

Table 5-8   *Active Alarms and Event History (continued)*

Column	Description
Category	Type of the event. Default values include: • Create—Creation event, such as the creation of a seed file. • Delete—Deletion event, such as the deletion of an object or file. • Discover—Discovery event, such as Discovery beginning. • Edit—Edit event. A user has edited an object. • Ignore—Ignore event. A user has ignored a link or linkset. • Login—Login event. A user has logged into Prime Performance Manager. • LoginDisable—LoginDisable event. The Prime Performance Manager has disabled a user's User-Based Access authentication because of too many failed attempts to log into Prime Performance Manager. • LoginFail—LoginFail event. An attempt by a user to log into Prime Performance Manager has failed. • Logout—Logout event. A user has logged out of Prime Performance Manager. • OverWrite—OverWrite event. An existing file, such as a seed file or route file, has been overwritten. • Poll—Poll event, such as an SNMP poll. • Purge—Purge event. A user has requested Discovery with Delete Existing Data selected, and Prime Performance Manager has deleted the existing Prime Performance Manager database. • Status—Status change message generated. • Request - Request is created for every user-initiated action that generates a request from the gateway to a unit.
Severity	Severity of the alarm or event. Possible severities are: ❌ Critical 🔻 Major ⚠ Minor ◆ Warning ✅ Normal ❓ Indeterminate ⓘ Informational **Note** You cannot change the severity of an event.
Original Severity	Original severity of the event.
Count	Number of events in the sequence of events for an alarm.
Note	Indicates whether a note is associated with the event.
Create Time EDT	Eastern Daylight Time (EDT) at which this event was received. This column is displayed by default in the Event History window and the Events tab.
Create Time (Node Time Zone)	Node time zone at which the event was received.

Table 5-8   Active Alarms and Event History (continued)

Column	Description
Change Time EDT	Eastern Daylight Time (EDT) at which this event was last updated.
Change Time (Node Time Zone)	Node time zone at which the event was updated.
Ack By	• If you have not implemented the Prime Performance Manager User-Based Access, the name of the node that last acknowledged the event. • If you have implemented the Prime Performance Manager User-Based Access, the name of the user who last acknowledged the event. • If no one has acknowledged the event, this field is blank.
Ack Time EDT	Time at which the event was acknowledged.
Ack Time (Node Time Zone)	Node time zone at which the event was acknowledged.
Clear By	User who cleared the event. This column is in Active Alarms and Alarms tab and is hidden by default.
Clear Time	Time at which the event was cleared. This column is in Active Alarms and Alarms tab.
Clear Time (Node Time Zone)	Node time zone at which the event was cleared. This column is in Active Alarms and Alarms tab and is hidden by default.
Node	Name of the node associated with the alarm or event. If no node is associated with the alarm or event, None appears.
Message	Message associated with the alarm or event.

Toolbar Buttons

The Active Alarms and Event History windows in the web interfaces provide these toolbar buttons. See Table 5-9 for more details.

Table 5-9   Toolbar Buttons

Button	Description
Modify Event Filter	Opens the Prime Performance Manager Alarm and Event Filter dialog box.
Remove Filter	Activates and deactivates the event filter specified in the Event Filter dialog box. If: • The filter is activated, Prime Performance Manager shows only those alarms or events that pass the filter. • The filter is deactivated, Prime Performance Manager shows all alarms or events. If you activate a filter in an object's Recent Events table in the Prime Performance Manager main window, the filter is activated in all Recent Events tables in the Prime Performance Manager main window for all other objects.
Archived (web interface only)	Appears in the tool bar when you view the Event History table or the Active Alarms table. Click the Archived button to display a table of archived events or alarms. This button works as a toggle, so you can use it to switch back and forth. ⚠ **Caution** In the Server.properties file, you can limit the number of rows in the archived events table with the MAX_ARCHIVED_EVENT_DB_ROWS property. The default value is 200,000. If you increase this value, it can have a severe impact on server performance and can cause the server to run out of memory.
Refresh	Forces a refresh of the current web page. Click this icon to refresh the current page.
Pause or Resume	Pauses or resumes the table. While the table is paused, Prime Performance Manager does not display new alarms or events in the table (unless you apply a filter or edit your preferences). When the table is resumed, all new alarms or events that occurred after the table was paused, are added to the display. If alarms or events are deleted while the table is paused, they are not removed from the table. Instead, they are dimmed and cannot be acknowledged or edited. Deleted alarms or events are removed from the table when you resume the table.
All	Filters the page by all severities.
❌ Critical (*alarm count*) (*alarm percentage*)	Filters the page to include only the alarms with Critical severity. This opens the Active Alarms filtered by Critical Severity page. The alarm count and the alarm percentage are not displayed in the Event History table.
⚠ Major (*alarm count*) (*alarm percentage*)	Filters the page to include only the alarms with Major severity. This opens the Active Alarms filtered by Major Severity page. The alarm count and the alarm percentage are not displayed in the Event History table.

Table 5-9   Toolbar Buttons (continued)

Button	Description
⚠ Minor (*alarm count*) (*alarm percentage*)	Filters the page to include only the alarms with Minor severity. This opens the Active Alarms filtered by Minor Severity page. The alarm count and the alarm percentage are not displayed in the Event History table.
⬦ Warning (*alarm count*) (*alarm percentage*)	Filters the page to include only the alarms with Warning severity. This opens the Active Alarms filtered by Critical Severity page. The alarm count and the alarm percentage are not displayed in the Event History table.
ⓘ Informational (*alarm count*) (*alarm percentage*)	Filters the page to include only the alarms with Informational severity. This opens the Active Alarms filtered by Critical Severity page. Filtering the page by alarm informational severity, allows the user to determine the status of a node. The alarm count and the alarm percentage are not displayed in the Event History table.
❓ Indeterminate (*alarm count*) (*alarm percentage*)	Filters the page to include only the alarms with Indeterminate severity. This opens the Active Alarms filtered by Indeterminate Severity page. The alarm count and the alarm percentage are not displayed in the Event History table.
☑ Normal (*alarm count*) (*alarm percentage*)	Filters the page to include only the alarms with Normal severity. This opens the Active Alarms filtered by Normal Severity page. The alarm count and the alarm percentage are not displayed in the Event History table.
Acknowledge	Acknowledges the selected alarms or events.
Unacknowledge	Unacknowledges the selected alarms or events.
Clear	Clears the chosen alarms in the Active Alarms table. When you clear an alarm, the alarm no longer affects the severity of the object (its severity changes to normal), but the alarm remains visible in the Active Alarms table. This option is not available for events.
Delete	Deletes the chosen alarms or events. When you delete an alarm or event, you remove it from the table, and Prime Performance Manager archives the alarm or event in its database. Also, the alarm or event, no longer affects the severity of the object.
Clear and Delete	Clears the chosen alarms and also deletes them from the Active Alarms table. Use the **Clear** and **Delete** button if you need to designate an alarm as Manually Cleared before deleting it. When you use the **Clear** and **Delete** button, Prime Performance Manager changes the alarm severity of the object to normal, sends an alarm log message to /opt/CSCOppm-gw/logs/messageLog.txt, and sends a trap to a northbound host to indicate that the alarm cleared. This option is not available for events.
Event Properties	Opens the Alarm and Event Properties window, Properties tab.
Events for Alarm	Launches a dialog box that shows a table of events that are associated with the selected alarm. (This button is only available in alarm tables.)

Table 5-9   Toolbar Buttons (continued)

Button	Description
Edit Notes	Opens the Alarm and Event Properties window, Notes tab.
Time Difference	Shows the time difference in days, minutes, hours, and seconds between two alarms or events. • In the client interface, use the Ctrl key to select two alarms or events. • In the web interface, check the check boxes of two alarms or events. Then click the Time Difference button.
Export the report as a CSV file (Web interface only)	Exports the alarms and events related table data to a report with comma-separated values (CSV file). You can save this file to disk or open it with an application that you choose (for example, Microsoft Excel).
Help for Event	Shows context-sensitive help for the chosen alarm or event in a separate browser window.
Help for Reports	Auto Generated Help for reports, shows the MIB variables that are polled for generating a particular selected report with the calculations (if any) performed on them.

Managing Filters for Alarms and Events

You can use the Prime Performance Manager to create filters to customize the information visible for events and alarms.

Setting Alarm or Event Filter

You can use the Prime Performance Manager Alarm and Event Filter dialog box to change the way alarm or event information appears.

To change the way Prime Performance Manager presents event information, click **Event History** in the navigation tree, then click the Modify event filter tool   below the Recent Events window. The Prime Performance Manager Alarm and Event Filter dialog box appears.

For more information about the Alarm and Event Filter dialog box, see these sections:

Related Topics

- Viewing Properties for Alarms and Events, page 5-20

Alarm and Event Filter Buttons

The Alarm and Event Filter dialog box contains:

Button	Description
Select All	Checks all check boxes in the section.
Deselect All	Unchecks all check boxes in the section.
OK	Applies any changes you made to the filter and closes the Alarm and Event Filter dialog box.
Cancel	Closes the Alarm and Event Filter dialog box without applying any changes to the filter.
Help	Shows Online help for the current dialog box.

Alarm and Event Filter Pane

You use the Alarm and Event Filter panes in the Alarm and Event Filter dialog box to specify the types of alarms or events that Prime Performance Manager should display in the Active Alarms or Event History window, including the category and severity of the alarm or event.

The Alarm and Event Filter dialog box contains these panes:

- Categories, page 5-18
- Severities, page 5-19
- Other, page 5-19

Categories

Use the Categories pane of the Alarm and Event Filter dialog box to specify which event categories you want to display in the Active Alarms or Event History window.

The following categories are available:

- Status
- Create
- Delete
- Discover
- Edit
- Ignore
- Login
- LoginDisable
- LoginFail
- Logout

- OverWrite

- Poll

- Purge

All categories are checked by default. You can click **Deselect All**, or **Select All**.

> **Note** These are the default categories; there might be additional categories that the Prime Performance Manager system administrator defines.

Severities

Use the Severities pane of the Alarm and Event Filter dialog box to specify which alarm/event severities you want to display in the Active Alarms or Event History window.

The Severities pane contains these default fields:

Check box	Description
Informational	Indicates whether events of the specified severity appear in the Active Alarms/Event History window.
Normal	
Indeterminate	Check boxes are checked by default.
Warning	
Critical	
Minor	
Major	

Other

Use the Other pane of the Alarm and Event Filter dialog box to further define the filter for the Active Alarms or Event History window. These settings are applied to all alarm/event displays in the current view. See Table 5-10 for other pane descriptions.

Table 5-10   Other Pane

Field	Description
Acknowledged	Check box indicating whether only acknowledged alarms/events appear in the Active Alarms/Event History window. This check box is checked by default.
Unacknowledged	Check box indicating whether only unacknowledged alarms/events appear in the Active Alarms/Event History window. This check box is checked by default.
Time Before	Check box indicating whether only alarms/events that Prime Performance Manager logs before a specified date and time, appear in the Active Alarms/Event History window. This check box is unchecked by default.
Time Before	Specifies the date and time prior to which alarms/events that Prime Performance Manager logs appear in the Active Alarms/Event History window. This field is dimmed unless the Time Before check box is checked.

Table 5-10   Other Pane (continued)

Field	Description
Time After	Check box indicating whether only alarms/events that Prime Performance Manager logs after a specified date and time, appear in the Active Alarms/Event History window. This check box is unchecked by default.
Time After	Specifies the date and time after which alarms/events that Prime Performance Manager logs appear in the Active Alarms/Event History window. This field is dimmed unless the Time After check box is checked.
Name or Message Matches	Check box indicating whether only alarms/events that contain the specified message text appear in the Active Alarms/Event History window. This check box is unchecked by default. The Name or Message Matches field value is retained after a message filter is set.
Match Case	Check box indicating whether only alarms/events that match the case of the text in the Name or Message Matches field should appear in the Active Alarms/Event History window. This field is dimmed unless the Name or Message Matches check box is checked. The default setting for the Match Case check box is unchecked, if the Name or Message Matches check box is checked. Also, the check box is disabled, if the Match Regex check box is checked. The Active Alarms/Event History table is filtered properly, based on the text entered in the Name or Message Matches text box (case sensitive), if Match case check box is selected. The check box Match Case is retained after a message filter is set.
Match Regex	Check box indicating whether only alarms/events that match the regular expression of the text in the Name or Message Matches field should appear in the Active Alarms/Event History window. This field is dimmed unless the Name or Message Matches check box is checked. The default setting for the Match Regex check box is unchecked, if the Name or Message Matches check box is checked. Also, the check box is disabled, if the Match Case check box is checked. The Active Alarms/Event History table is filtered properly, based on the regular expression entered in the Name or Message Matches text box (case sensitive), if the Match Regex check box is selected. The check box Match Regex is retained after a message filter is set. **Note** If invalid regex is provided, then Active Alarms/Event History table does not contain any rows.
Suppress for unmanaged nodes	Check box to suppress alarms/events for any objects that have been set to the unmanaged state. To suppress alarms/events for unmanaged objects, check the check box. To retain alarms/events for unmanaged objects, uncheck the check box. **Note** If you are viewing alarms/events for a specific object in the navigation tree of Prime Performance Manager main window, this button is not available.

Viewing Properties for Alarms and Events

You use the Prime Performance Manager to view detailed information about a chosen alarm or event, including its associated object, status, and other information.

To view detailed information about an alarm or event, in the Web interface, select an alarm or event by checking its check box, then click the **Event Properties** icon   in the toolbar.

The Event Properties dialog box appears. Refer Table 5-11 to see the alarms and event properties description.

Table 5-11   ***Alarms and Event Properties***

Tab, Field, or Button	Description
Message	Message text for the alarm or event.
Properties	Tab that shows detailed information about the chosen alarm or event.
Notes	Tab that shows notes associated with this alarm or event. If no note is currently associated with this alarm or event, this field shows the value No Notes.
	In the Notes tab, the date and time the Notes field for this alarm or event was last updated. If no note is currently associated with this alarm or event, this field shows the value Not Set.
Details	Tab that shows specific alarm or event attributes.
Events for Alarm	Tab that shows a table of events that are associated with the selected alarm.
	This tab does not appear in the Event Properties dialog box selected via Event History link.
Category	Type of the alarm or event. Default values are: • **Create**—Creation event, such as the creation of a seed file. • **Delete**—Deletion event, such as the deletion of an object or file. • **Discover**—Discovery event, such as Discovery beginning. • **Edit**—Edit event. A user has edited an object. • **Ignore**—Ignore event. A user has ignored a link or linkset. • **Login**—Login event. A user has logged into Prime Performance Manager. • **LoginDisable**—LoginDisable event. The Prime Performance Manager has disabled a user's User-Based Access authentication as a result of too many failed attempts to log into Prime Performance Manager. • **LoginFail**—LoginFail event. A user's attempt to log into Prime Performance Manager has failed. • **Logout**—Logout event. A user has logged out of Prime Performance Manager. • **OverWrite**—OverWrite event. An existing file, such as a seed file or route file, has been overwritten. • **Poll**—Poll event, such as an SNMP poll. • **Purge**—Purge event. A user has requested Discovery with Delete Existing Data selected, and the Prime Performance Manager has deleted the existing Prime Performance Manager database. • **Status**—Status change message generated.
Severity	Severity of the alarm or event. Possible severities are: ❌ Critical 🔻 Major ⚠️ Minor 🔷 Warning ✅ Normal ❓ Indeterminate ℹ️ Informational
Original Severity	Original severity of the alarm or event.

Table 5-11   Alarms and Event Properties (continued)

Tab, Field, or Button	Description
Create Time	Date and time the event was logged.
Change Time	Date and time the alarm last changed. This field is important only for alarms.
Acknowledged	Indicates whether the alarm or event has been acknowledged.
Acknowledged By	Name of the node that last acknowledged the alarm or event. If no one has acknowledged the alarm or event, this field is not shown.
Acknowledge Time	Time at which the event was acknowledged.
Cleared By	User who cleared the event.
Clear Time	Time at which the event was cleared.
Internal ID	Internal identification that the Prime Performance Manager uses for the alarm or event.
Name	Name for the alarm or event, for example, InterfaceState.
Alarm Nature	Nature of the alarm.
Alarm Type	Type of the alarm.
Count	Number of events in the sequence of events for an alarm. This field is important only for alarms because an event count will always be 1.
Element Name	Name of the managed element, for example, the node name.
Node	Name of the node associated with the alarm or event.
Create Time (Node Time Zone)	Node time zone at which the event was received.
Change Time (Node Time Zone)	Node time zone at which the event was updated.
Acknowledge Time (Node Time Zone)	Node time zone at which the event was acknowledged.
Clear Time (Node Time Zone)	Node time zone at which the event was cleared.

Attaching Notes to Alarms or Events

You use the Prime Performance Manager to annotate an alarm or event, attaching a descriptive string to it.

To annotate an alarm or event in the Web interface, select an alarm or event in the Event History window by checking its check box, then click the **Edit Notes** icon   . The Event Properties dialog box appears, with the Notes tab chosen. See Table 5-12 for more details.

Note   You can add a note to an alarm or event by using either the Prime Performance Manager web interface. You can also view the note from either interface.

Table 5-12   Alarms / Events Notes Attachment

Field or Button	Description
Name	Message text of the alarm or event.
Last Update	Date and time the Notes field for this alarm or event was last updated. If no note is currently associated with this alarm or event, this field shows the value Not Set. You cannot edit this field.
Notes	Notes to associate with this alarm or event. In this field, you can enter any important information about the alarm or event, such as its associated object, what triggered the alarm or event, how often it has occurred, and so on.
Edit Note	Enables you to edit or add a note.
Save	Saves changes you have made to the alarm or event information.
Cancel	Cancels the operation without saving any changes.
Help	Shows Online help for the current window.

Related Topic

Viewing Properties for Alarms and Events, page 5-20

Displaying Summary Lists

Summary List provides basic summary alarm information about all discovered network objects, including alarm severity and the total number of objects for each severity level.

Clicking on an object under the Summary Lists in the web interface, causes the content area to show information about the object.

For details on:

- Nodes, Nodes Table, page 5-23
- Node Distribution, Node Distributions By Type, page 5-25
- Alarms, Alarms Summary, page 5-26
- Average Poll Response Viewing Average Poll Response, page 5-27,
- Uptime, Uptime for Managed Nodes, page 5-27
- SNMP Timeout Alarms SNMP Timeout Alarms, page 5-28
- Software Versions, Displaying Software Versions, page 5-28
- Gateway/Units, Viewing Gateway/Units, page 5-29

Nodes Table

The Nodes table displays information about nodes that Prime Performance Manager has discovered.

To display the Nodes table, choose **Summary Lists > Nodes**.

Note Some table columns are hidden by default. Right-click on the web table header to see all columns.

See Table 5-13 to see details of the Nodes table.

Table 5-13   Nodes Table

Column	Description
Internal ID	Internal ID of the node. 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 node. This column is displayed by default.
Custom Name	Custom name of the node.
IP Address or DNS Hostname	IP address or DNS name of the node, as the Prime Performance Manager discovered it.
SysName	System name of the node.
Primary SNMP Address	IP address of the node, which SNMP uses to poll the node. This column is displayed by default.
Node Type	Description of the hardware platform that supports a feature. This column is displayed by default.
Software Version	Version of node'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.
Serial Number	Serial number of the node.
Uptime	Time the node has been up, in days, hours, minutes, and seconds. This column is displayed by default.
Reboot Reason	Reason for the last reboot of the node.
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 node. This column is displayed by default.
Severity	Indicates the alarm severity for the chosen node. The severity can be Critical, Major, Minor, Warning, Informational, Indeterminate, Unmanaged, or Normal. See Severities, page 5-19 for more information. This column is displayed by default.
Last Status Change	Date and time that the status of the node last changed.

Table 5-13   Nodes Table (continued)

Column	Description
Status	Current status of the node. 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 node. 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 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.

> **Note**   For toolbar details, see Using the Toolbar, page 5-5.

Node Distributions By Type

The Node Distributions link displays the percentage distribution summary lists. It displays information about node type, total number of nodes and their percentage distribution. To display the Node Distributions table, choose **Summary Lists > Node Distributions**.

The Node Distribution by Type table contains:

Column	Description
Type	Description of the hardware platform that supports a feature. See the description of Node Type in Nodes Table, page 5-23 for more information.
Total (*total number of nodes*)	Total number of nodes of a particular type.
Percentage	Percentage of nodes of this type out of all the discovered nodes.

> **Note**   For toolbar details, see Using the Toolbar, page 5-5.

Alarms Summary

The Alarms table displays a count of alarms by node and severity. To display the Alarms table, choose **Summary Lists > Alarms**. See Table 5-14 for more details.

Note   Some table columns are hidden by default. Right-click on the web table header to see all columns.

Table 5-14   Alarm Description

Column	Description
Internal ID	Internal ID of the node. 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.
Node	Name of the node. When you click any of the node names, the Alarms tab of that node 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 node alarms last changed.
Total	Total number of alarms for the node. This column is displayed by default.
Critical (*alarm count*) (*alarm percentage*)	Total number of critical alarms for the node. 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 node. 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 node. 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 node. 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 node. 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 node. 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 node. Click the severity name to sort the page by Normal severity. This column is displayed by default.

Viewing Average Poll Response

The Average Poll Response table display the average time taken (in secs) by a node 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 5-15 for more details.

Note   For toolbar details, see Using the Toolbar, page 5-5.

Table 5-15   Average Poll Response

Column	Description
Internal ID	Internal ID of the node. 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.
Primary SNMP Address	IP address of the node, which SNMP uses to poll the node. This column is displayed by default.
Display Name	Name of the node.
Node Type	Description of the hardware platform that supports a feature. See the description of Node Type in Nodes Table, page 5-23 for more information.
Avg. Poll Response (secs)	Average response time for the device to respond to poll from the Prime Performance Manager server.
Report Polling	Indicates whether or not report polling is enabled for this node. This column is displayed by default.

Uptime for Managed Nodes

The Uptime link displays the uptime for managed nodes. To display the Uptime for Managed Nodes table, choose **Summary Lists > Uptime**. See Table 5-16 for more details.

Table 5-16   Managed Node

Column	Description
Internal ID	Internal ID of the node. 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.
Name	Name of the node.
Node Type	Description of the hardware platform that supports a feature. See the description of Node Type in Nodes Table, page 5-23 for more information. This column is displayed by default.
Uptime	Time the node has been up, in days, hours, minutes, and seconds. This column is displayed by default.

Table 5-16   Managed Node (continued)

Column	Description
Reboot Reason	Reason for the last reboot of the node. This column is displayed by default.
Severity	Indicates the alarm severity for the chosen node. The severity can be Critical, Major, Minor, Warning, Informational, Indeterminate, Unmanaged, or Normal. See Severities, page 5-19 for more information. This column is displayed by default.

Note   For toolbar details, see Using the Toolbar, page 5-5.

SNMP Timeout Alarms

The SNMP Timeout Alarms link displays the Nodes for Alarm NodeUnreachable table. To display this table, choose **Summary Lists > SNMP Timeout Alarms**.

Note   Some table columns are hidden by default. Right-click on the web table header to see all columns.

The table displays the same columns as that of Nodes Table, See Nodes Table, page 5-23.

Note   For toolbar details, see Using the Toolbar, page 5-5.

Displaying Software Versions

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

To access the Software Versions page from the Web interface navigation tree, choose **Summary Lists > Software Versions**.

For details on:

- Navigating the columns of the Software Versions table. See Navigating Table Columns, page 5-9
- The toolbar, see Using the Toolbar, page 5-5.

The Software Versions table contains:

Column	Description
Display Name	Name of the node. This column is displayed by default.
Node Type	Type of node. This column is displayed by default.
Software Version	Software version used by the node. This column is displayed by default.
Software Description	Full software version information. This column is displayed by default.

Viewing Gateway/Units

The Gateway/Units table lists the number of gateway and unit that are configured on Prime Performance Manager web interface. To view Gateway/Units table, select **Summary Lists > Gateway/Units**.

To access a Unit or Gateway, select a Gateway re Unit from the table. The Unit or Gateway details appear on the right content pane.

In the details page, the number of tabs that is displayed for a Unit / Gateway is the same. Except, the **Nodes for Unit** tab that is additional only to Unit. The Nodes for Unit table details are the same as the Node table details. See Nodes Table, page 5-23 for more information.

See Table 5-17 to see the Gateway/Units table details.

Table 5-17   Gateway/Units

Column	Description
Internal ID	Internal ID of the node. 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 node.
Custom Name	Custom name of the node.
Primary SNMP Address	IP address of the node, which SNMP uses to poll the node. (There might be other IP addresses on the node that are not the primary SNMP address). This column is displayed by default.
Type	Description of the type of node (Gateway/Unit).
Connection Time	Connection time with the server to a unit /gateway
In Service	Total time the server is in service.
Last Status Change	Date and time that the status of the node last changed.

Table 5-17   Gateway/Units (continued)

Column	Description
Status	Current status of the Unit/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 node. 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 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. For detailed definition of Gateway/Units Action button, see Prime Performance Manager: Edit Properties Dialog Window, page 5-8

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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. For toolbar details, see Using the Toolbar, page 5-5

Related Topics

Viewing Details Tab, page 7-6

Displaying Active Alarms and Event History, page 5-11

Viewing Reports

The Reports in Prime Performance Manager web interface allows you view all reports that are globally available in the left navigation tree.

The reports displayed in the Report Status Table in the right content pane corresponds to the report that display in the left navigation tree.

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Note   The Reports that are removed and saved in the Report Category window gets refreshed automatic. The updated reports list can be viewed in the left navigation tree.

Viewing Historical Statistics Report Settings

Step 1   In Prime Performance Manager Web interface, in the navigation tree, click **Reports**.

The Report Status window appears as described in Viewing Reports, page 5-30.

Step 2   Click the **Settings** tab.

The Historical Stats Report Settings information is displayed.

- Click on **Disabled** or **Enabled** to change the state of any of the reports.

  Enabling/Disabling reports flag allows to view the reports (5 minute, 15 minute hourly and daily) at different intervals at the node level.

- Click on any field, except for the Reports Directory field, to modify its value.

See Table 5-18 to see the historical statistics report details.

Table 5-18   *Historical Statistics Report Settings*

Field		Description
General Settings	Reports Directory	Specifies the directory in which Prime Performance Manager reports are stored. You must use the CLI to change the directory in which the reports are stored; you cannot click on this field to modify it.
	Time Mode	Specifies the time mode, either 12-hour or 24-hour, for the reports.
	Master Report Flag	If this option is enabled, the individual report settings are used. If this is option is disabled, all reports are turned off.
	Perform Disk Space Checking	Specifies whether disk space checking is enabled or disabled. Usage of disk space increases after each report is enabled. The increase in disk space is specific to each report, number of devices and device configuration. Monitor the usage of disk space and disable the reports for specific nodes or decrease the aging value to delete old reports frequently.
	5 Min Report Flag	If this option is enabled/flagged, a 5 minute report is generated.To enable a 5-minute report, you should edit the corresponding XML definition of the report. See Enabling and Disabling Reports, page 7-9 for mode details.
	15 Min Report Flag	If this option is enabled/flagged, a 15 minute report is generated.
	Hourly Report Flag	If this option is enabled/flagged, a hourly report is generated.
	Daily Report Flag	If this option is enabled/flagged, a daily report is generated.
	Export CSV Reports	Specifies whether to automatically generate reports in CSV format.
	5 Min Stats Aging (Days)	Specifies the database aging value for 5-minute statistics. When records exceed the specified value, they are aged out of the database.
	15 Min Stats Aging (Days)	Specifies the database aging value for 15-minute statistics. When records exceed the specified value, they are aged out of the database.
	Hourly Stats Aging (Days)	Specifies the database aging value for hourly statistics. When records exceed the specified value, they are aged out of the database.
	Daily Stats Aging (Days)	Specifies the database aging value for daily statistics. When records exceed the specified value, they are aged out of the database.
	5 Min CSV Aging (Days)	Specifies the database aging value for 5 Minute CSV statistics. When records exceed the specified value, they are aged out of the database.
	15 Min CSV Aging (Days)	Specifies the database aging value for 15-minute CSV statistics. When records exceed the specified value, they are aged out of the database.
	Hourly CSV Aging (Days)	Specifies the database aging value for hourly CSV statistics. When records exceed the specified value, they are aged out of the database.
	Daily CSV Aging (Days)	Specifies the database aging value for daily CSV statistics. When records exceed the specified value, they are aged out of the database.