



# CHAPTER 30

## Prime Infrastructure User Interface

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Prime Infrastructure is a web-based application. Tabs on the user interface are either specific to a particular Cisco Prime product or can be shared across multiple Cisco Prime products. The options on application tabs are displayed when you rest your cursor on the tab.

Not all tabs or options are activated if any of your installed Cisco Prime products are not enabled through licensing.

This chapter contains the following sections:

- [Prime Infrastructure UI Components, page 30-1](#)
- [Common UI Tasks, page 30-5](#)
- [Dashboards and Dashlets, page 30-7](#)
- [Searching for Devices or SSIDs, page 30-8](#)
- [Monitoring Background Tasks, page 30-9](#)

## Prime Infrastructure UI Components

The following sections provide details on the Prime Infrastructure user interface components that are visible on most of the pages:

- [Global Toolbars](#)
- [Filters](#)
- [Data Entry Features](#)

## Global Toolbars

Prime Infrastructure contains static global toolbars at the top-right of the page (see [Figure 30-1](#)):

**Figure 30-1** Global Toolbar—Top-right



- **Virtual Domain name**—Indicates the virtual domain to which you are assigned.

- **Login name**—Indicates your current login name. Click the arrow to change your user preferences, change your password, or log out.  
Click the downward arrow next to your login name to switch to a different Prime Infrastructure view:
  - Lifecycle view, which is organized according to home, design, deploy, operate, report and administer menus.
  - Classic view, which closely corresponds to the graphical user interface in Cisco Prime Network Control System 1.1 or Cisco Wireless Control System (WCS).
- **Search**—See [Searching for Devices or SSIDs](#) for more information.
- **Welcome**—Launches the Getting Started wizard that provides guidance for getting started setting up Prime Infrastructure.
- **Current Server Time**—Displays the current time on the Prime Infrastructure server.
- **Refresh**—Refreshes the current active page.
- **Help**—Launches Prime Infrastructure online help.
- **Settings**—Allows you to specify settings for the current active page. Click the down triangle to view available options. The triangle icon does not appear on pages for which you cannot change settings.

Prime Infrastructure contains the following static global toolbar at the bottom-right of the page (see [Figure 30-2](#)):

**Figure 30-2 Global Toolbar—Bottom-right**



- **Support Cases**—Launches the TAC Services Request where you can open a support request and gather critical information to be attached to the support case. See [Opening a Support Case](#) for more information.
- **Alarm Browser**—Launches the alarm browser within the active page (bottom half of the page).
- **Alarm Summary**—Launches the alarm summary window, displaying all alarms and also indicates the number critical, major, and minor alarms.

## Filters

You can use the Filter feature to display specific information on the Prime Infrastructure interface. The Filter icon is provided wherever the data is displayed in a tabular format. The following types of filters are available:

- [Quick Filter](#)
- [Advanced Filter](#)

### Quick Filter

This filter allows you to narrow down the data inside a table by applying a filter to a specific table column or columns. To apply different operators, use the Advanced Filter option.

To launch the quick filter, choose **Quick Filter** from the Filter drop-down menu.

To clear the Quick Filter, click the **Filter** button.

## Advanced Filter

This filter allows you to narrow down the data in a table by applying a filter using multiple operators such as Does not contain, Does not equal, Ends with, Is empty, and so on. For example, you can choose the filter pattern by table column names and operator from the drop-down menu. In addition, you must enter filter criteria based on the data available in the Prime Infrastructure database.

To launch advance filtering, choose **Advanced Filter** from the Filter drop-down list.

**Figure 30-3** Advance Filter



To save the filter criteria used in the Advance filter (see [Figure 30-3](#)):

1. Enter the advance filter criteria, then click **Go**.  
The data is filtered based on the filter criteria.
2. Click the **Save** icon.  
The Save Preset Filter window appears.
3. Enter a name for the preset filter and click **Save**.

## Data Entry Features

In addition to the checkboxes, dropdown lists and data entry fields common in most user interfaces, Prime Infrastructure uses some specialized data-entry features. These are designed to keep your view of the network as uncluttered as possible, while still making it possible for you to add, update, and save your settings when needed. These specialized data-entry features include:

- [Anchored Fields](#)
- [Edit Tables](#)
- [Data Popups](#)

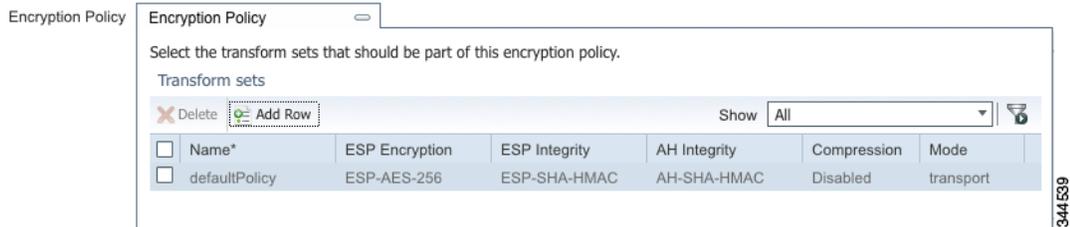
### Anchored Fields

Anchored fields are recognizable by the plus sign {+} embedded in the field at the far right (see [Figure 30-4](#)).

**Figure 30-4** Anchored Field



Clicking on the plus sign allows you to display an associated data popup (see [Data Popups](#)). You can use the data popup to view or update the settings you want. When you finished, you can “close” the anchored field by clicking the minus (-) sign displayed at the top of the data popup (see [Figure 30-5](#)).

**Figure 30-5** Anchored Field with Popup

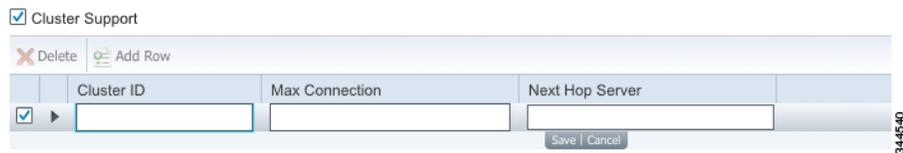
To use anchored fields:

1. Click the anchored field's plus (+) button.
2. With the associated data popup displayed, review or update data as needed.
3. When you are finished, click on the anchored field's minus (-) button.

## Edit Tables

Prime Infrastructure uses tables to display many kind of data, including lists of sites, devices, and events. The data is arranged in rows and columns, much like a spreadsheet.

An edit table differs from other tables in that you can add, edit, or delete the data it contains (see [Figure 30-6](#)). Some edit tables also give you access to filters (see [Filters](#)). Edit tables are often displayed in data pop-ups triggered by checkboxes or anchored fields (see [Figure 30-5](#)).

**Figure 30-6** Edit Table

To use edit tables:

1. To add a new row in the edit table:
  - a. Click **Add Row**.
  - b. Complete the fields in the new row.
  - c. When you finished, click **Save**.
2. To delete one or more existing rows in an edit table:
  - d. Click on the row header checkbox (at the extreme left of each row) to select it.
  - e. Click **Delete**.
3. To update an entry in any field in any edit table row:
  - a. Click on the row header or the field itself.
  - b. Edit the contents.
  - c. When you are finished, click **Save**.

## Data Popups

A data popup is a window associated with a checkbox, anchored field (see [Anchored Fields](#)), or other data-entry feature. They are displayed automatically when you select the feature, so you can view or update the data associated with that feature. In addition to normal checkboxes, dropdown lists and data-entry fields, data popups can contain edit tables (see [Edit Tables](#)).

To use a data popup:

1. Select the feature that triggers the data popup, such as an anchored field (see [Figure 30-4](#)) or a checkbox (see [Figure 30-6](#)).
2. With the associated popup displayed, view or update the fields as needed.
3. When you are finished, click anywhere outside the data popup. If you entered new information or changed existing information, your changes are saved automatically.

## Common UI Tasks

You can perform the following actions from nearly any Prime Infrastructure screen:

- [Changing Your Password](#)
- [Changing Your Active Domain](#)
- [Monitoring Alarms](#)
- [Getting Device Details Using the 360° View](#)
- [Getting Help](#)

## Changing Your Password

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|---------------|--|
| <b>Step 1</b> | Click the down arrow next to your username (at the top-right of the screen, to the left of the search box) and choose <b>Change Password</b> . |
| <b>Step 2</b> | Click the information icon to review the password policy.  |
| <b>Step 3</b> | Enter a new password as directed.  |
| <b>Step 4</b> | Click <b>Save</b> .  |
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## Changing Your Active Domain

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|---------------|--|
| <b>Step 1</b> | Rest your cursor on the Virtual Domain and click the icon that appears to the right. |
| <b>Step 2</b> | Choose a domain from the list of domains of which you are a member.                  |
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## Monitoring Alarms

At the bottom of the window, rest your cursor on Alarm Summary or Alarm Browser to get information on the latest active alarms.

## Getting Device Details Using the 360° View

The 360° view provides detailed device information including device status, interface status, and associated device information. You can see the 360° view from nearly all screens in which device IP addresses are displayed.

To launch the 360° view of any device, rest your cursor on a device IP address, then click the icon that appears.



### Note

The features that appear on the 360° view differ depending on the device type.

**Table 30-1** 360° Features

| 360° View Feature | Description   |
|-------------------|---|
| Device status     | Indicates whether the device is reachable, is being managed, and is synchronized with the Prime Infrastructure database.  |
| Tool icons        | Click one of the following icons on top right of the device 360° view: <ul style="list-style-type: none"> <li>Alarm Browser—Launches the Alarm Browser. See <a href="#">Monitoring Alarms</a> for more information.</li> <li>Support Community—Launches the Cisco Support Community. See <a href="#">Launching Cisco Support Community</a> for more information.</li> <li>Support Request—Allows you to open a support case. See <a href="#">Opening a Support Case</a> for more information.</li> <li>Ping—Allows you to ping the device.</li> <li>Traceroute—Allows you to perform a traceroute on the device.</li> </ul> |
| Modules tab       | Lists the device modules and their name, type, state, and ports.  |
| Alarms tab        | Lists alarms on the device, including the alarm status, time stamp, and category.   |
| Interfaces tab    | Lists the device interfaces and the top three applications for each interface.  |
| Neighbors         | Lists the device neighbors, including their index, port, duplex status, and sysname.  |

## Getting Help

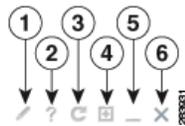
You can access online help by clicking the question mark icon at the top right of any Prime Infrastructure screen.

# Dashboards and Dashlets

Dashboards display at-a-glance views of the most important data in your network. A quick scan of a dashboard should let you know if anything needs attention. Dashboards generally provide status and alerts, monitoring, and reporting information. Dashboards contain dashlets with visual displays such as tables and charts.

Dashboards contains dashlets with visual displays such as tables and charts. Rest your cursor on any dashlet, and the icons shown in [Figure 30-7](#) appear at the top-right corner of the dashboard.

**Figure 30-7** Dashlet Icons



|   |  |
|---|--|
| 1 | Click to change the dashlet title, refresh the dashlet, or change the dashlet refresh interval. (To disable refresh, uncheck Refresh Dashlet.) |
| 2 | Refresh the dashlet.   |
| 3 | Maximize the dashlet. If you maximize the dashlet, a restore icon appears allowing you to restore the dashlet to its default size.             |
| 4 | Collapse the dashlet so that only its title appears. If you collapse the dashlet, an expand icon appears.                                      |
| 5 | Remove the dashlet.  |

See [Configuring Dashboards](#) for more information.

## Configuring Dashboards

Dashboards contains dashlets with visual displays such as tables and charts. Click the Settings icon to change the dashboards.



**Note**

After upgrading, the arrangement of dashlets in the previous version is maintained. Therefore, dashlets or features added in a new release are not displayed. Click the Settings icon, then choose **Manage Dashboards** to display new dashlets.

## Adding Dashboards

- Step 1** Click the **Settings** icon, then choose **Add New Dashboard**.
- Step 2** Enter a name for the new dashboard, then click **Add**.

- Step 3** Choose the new dashboard and add dashlets to it. See [Dashboards and Dashlets](#) for more information.
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## Restoring Default Dashboards

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- Step 1** From the Home page, click the **Edit Dashboard** icon.
- Step 2** Click **Manage Dashboards**.
- Step 3** Choose a dashboard from the list.
- Step 4** Click **Reset**.
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## Searching for Devices or SSIDs

Prime Infrastructure provides the following methods for searching for devices or SSIDs:

- [Performing a Quick Search](#)
- [Performing an Advanced Search](#)

You can access the search options from any page within Prime Infrastructure.

## Performing a Quick Search

For a quick search, enter a partial or complete IP address or name.



**Note**

You can also enter a username if you are searching for a client.

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To quickly search for a device, follow these steps:

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- Step 1** In the Search text box, enter the complete or partial IP address, device name, SSID, or MAC address of the device for which you are searching.
- Step 2** Click **Search** to display all devices that match the Quick Search parameter.
- The search results display the matching item type, the number of items that match your search parameter, and links to the list of matching results.
- Step 3** Click **View List** to view the matching devices from the Monitor or Configuration page.
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## Performing an Advanced Search

To perform a more specific search for a device in Prime Infrastructure, follow these steps:

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- Step 1** Click **Advanced Search** from the search menu.

**Step 2** In the New Search dialog box, choose a category from the Search Category drop-down list

**Step 3** Choose all applicable filters or parameters for your search.



**Note** Search parameters change depending on the category you selected.

**Step 4** To save this search, check the **Save Search** check box and enter a unique name for the search in the text box.

**Step 5** Click **Go**.

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## Running a Saved Search



**Note** Saved searches apply only to the current partition.

To access and run a previously saved search, follow these steps:

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**Step 1** Click **Saved Search**.

**Step 2** Choose a category from the Search Category drop-down list.

**Step 3** Choose a saved search from the Saved Search List drop-down list.

**Step 4** If necessary, change the current parameters for the saved search.

**Step 5** Click **Go**.

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Need to move the following section:

## Monitoring Background Tasks

A background task is a scheduled program running in the background with no visible pages or other user interfaces. In Prime Infrastructure, background tasks can be anything from data collection to backing up configurations. You can monitor background tasks to see which background tasks are running, check their schedules, and find out whether the task was successfully completed.

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**Step 1** Choose **Tools > Task Manager > Background Tasks** to view scheduled tasks. The Background Tasks page appears.

**Step 2** Choose a command from the drop-down list:

- **Execute Now**—Run all of the data sets with a checked check box.
  - **Enable Tasks**—Enable the data set to run on its scheduled interval.
  - **Disable Tasks**—Prevent the data set from running on its scheduled interval.
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