



CHAPTER 1

The Prime Network GUI Clients

These topics introduce you to the Cisco Prime Network GUI clients:

- [Overview of the GUI Clients, page 1-1](#)
- [Using Prime Network with Prime Central, page 1-2](#)

Overview of the GUI Clients

Cisco Prime Network (Prime Network) provides the following GUI clients that offer an intuitive interface for managing your network and services, and for performing required system administration activities:

- [Prime Network Vision, page 1-1](#)
- [Prime Network Events, page 1-2](#)
- [Prime Network Administration, page 1-2](#)

Prime Network Vision

Prime Network Vision is the main GUI client for Prime Network. Maps of devices create a visualization of the network, from the intricacies of a single device physical and logical inventory, to multi-layer topological information on connections, traffic, and routes. Faults and alarms are graphically displayed with built-in troubleshooting tools. Network elements and links using color cues and graphic symbols to indicate status and alarms.

All user actions are controlled by *user roles* and *device scopes*. Each user is assigned a role which controls the GUI actions the user can perform. When a user does not have the required permission level to perform a function, the appropriate menu option or button is disabled. Similarly, device scopes, which are named collections of managed network elements, control which devices a user can access. User roles and device scopes are controlled from the Prime Network Administration GUI client.

Prime Network Vision is also the launching point for these features.

Feature	Provides this function:	Described in:
Path Tracer	Route tracing and performance	Chapter 12, “Using Cisco PathTracer to Diagnose Problems.”
Change and Configuration Management	Manage software images and device configuration files	Chapter 4, “Device Configurations and Software Images”

Feature	Provides this function:	Described in:
Report Manager	Set up regular reports	Chapter 11, “Working with Reports.”
Soft Properties Manager	Extend what is displayed in the GUI clients and monitored by Prime Network, and create new TCAs	Cisco Prime Network 3.10 Customization Guide
Command Builder	Create new device commands and add them to the GUI client	Cisco Prime Network 3.10 Customization Guide
Workflow	Create a series of sequential device tasks and add them to the GUI client	Cisco Prime Network 3.10 Customization Guide
Activation	Create wizards and add them to the GUI client	Cisco Prime Network 3.10 Customization Guide

For more information on the Prime Network Vision GUI client, see [Working with the Cisco Prime Network Vision Client, page 2-1](#).

Prime Network Events

Prime Network Events is the interface used by system managers and administrators for viewing system events that occur in the network. You can use the GUI to retrieve detailed information about the different types of system events and tickets that are generated; it also helps predict and identify the sources of system problems. The GUI client also provides information about events within the Prime Network system. For more information, see [Working with the Prime Network Events Client, page 8-1](#).

Prime Network Administration

Prime Network Administration is the GUI client used to manage the Prime Network system, which is comprised of gateway servers, units, AVMs, and VNEs. These components work together to create the information model, which is constantly updated. Administrators use this GUI client to create user accounts, device scopes, polling groups, redundancy settings, and so forth. For information on this GUI client, see the [Cisco Prime Network 3.10 Administrator Guide](#).

Using Prime Network with Prime Central

Prime Network can be installed as a standalone product or with Cisco Prime Central. When installed with Cisco Prime Central, you can launch Prime Network GUI clients from the Cisco Prime Portal. Cross-launch to and from other suite applications is also supported. The applications share a common inventory.

The Cisco Prime Portal uses a single sign-on (SSO) mechanism so that users need not reauthenticate with each GUI client. All session management features are controlled by the portal (such as client timeouts). If a user tries to log into a standalone GUI client, the user will be redirected to the portal login. The only exception is the emergency user, who will still be allowed to log into a standalone GUI client.

If the Cisco Prime Performance Manager application is also installed, the Prime Network Event Collector will receive threshold crossing alarm (TCA) events from Prime Performance Manager components and generate a ticket that you can view in Prime Network Events.

Prime Network also receives EPM-MIB traps from the network. By default Prime Network receives EPM-MIB traps from any source in the network. If desired, you can configure Prime Network to only process EPM-MIB traps arriving from a specific Prime Performance Manager server. The instructions for doing this are provided on the Cisco Developer Network at <http://developer.cisco.com/web/prime-network/home>.

