



Preface

This guide describes the architecture, supporting hardware and software, and management procedures for Cisco Prime Performance Manager. The information in this guide helps you to complete the tasks that are necessary to use Prime Performance Manager to monitor the performance of your network.

Prime Performance Manager is a performance software product that provides key performance indicators and summarized historical statistics for managed network elements. Its core design points are ease of use, extensibility, and scalability.

This section describes the audience, organization, and conventions of the *Cisco Prime Performance Manager 1.2 User Guide*. It refers you to related publications and describes online sources of technical information.

For a more detailed description of Prime Performance Manager, see [Chapter 1, “Prime Performance Manager Overview.”](#) For the latest Prime Performance Manager information and software updates, go to <http://www.cisco.com/go/performance>.

This preface includes the following topics:

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New and Changed Information

[Table 1](#) describes the information that has been added or changed since the initial release of the *Cisco Prime Performance Manager 1.2 User Guide*.

Table 1 *New and Changed Information in this Document*

Date Released	Revision	Location
August 31, 2012	Added a statement that CISCO-PRIME and CISCO-EPM-2 use CISCO-EPM-NOTIFICATION-MIB::ciscoEpmNotificationAlarmRev1	CISCO-EPM-2 Trap Notification Attributes, page 7
	Revised the device discovery description under Step 6.	Running Device Discovery From Prime Performance Manager, page 6
	Deleted recursive discovery; revised seed node definition.	seed node, page 7
September 28, 2012	Added RHEL 5.7 and 5.8 support for the 1.2.1 patch release.	Managing Gateway High Availability, page 10

Audience

This guide is for system administrators, network operators and basic users who use Prime Performance Manager for reporting on the managed network. They should have:

- Basic network management skills
- Basic Solaris system administrator skills
- Basic Linux system administrator skills

Organization

This guide is divided into the following chapters and appendices:

- [Chapter 1, “Prime Performance Manager Overview,”](#) provides brief descriptions of Prime Performance Manager architecture, and an overview of how to use Prime Performance Manager to monitor your network performance.
- [Chapter 2, “Managing Gateways and Units Using the Command Line Interface,”](#) tells you how to use Prime Performance Manager commands to manage gateways and units.
- [Chapter 3, “Launching the Prime Performance Manager Web Interface,”](#) describes how to access Prime Performance Manager data from the web interface.
- [Chapter 4, “Integrating Prime Performance Manager with Cisco Prime Central,”](#) provides basic information and procedures for using Prime Performance Manager.
- [Chapter 5, “Discovering Network Devices,”](#) provides basic information and procedures for using Prime Performance Manager.
- [Chapter 6, “Configuring SSL Between Gateways and Units,”](#) provides information about setting up SSL to implement user secure access.
- [Chapter 7, “Setting Up and Managing Users,”](#) provides information about setting up and managing Prime Performance Manager users.
- [Chapter 8, “Managing Reports, Dashboards, and Views,”](#) describes how to view and manage Prime Performance Manager reports, dashboards, and views.

- [Chapter 9, “Managing Devices,”](#) describes how to view and manage Prime Performance Manager devices.
- [Chapter 10, “Managing Network Alarms and Events,”](#) describes how to view and manage Prime Performance Manager alarms and events.
- [Chapter 11, “Configuring Thresholds,”](#) describes how to create and manage thresholds in Prime Performance Manager.
- [Chapter 12, “Displaying System Properties, Statuses, Messages, and Logs,”](#) describes Prime Performance Manager system logs and messages.
- [Chapter 13, “Managing Gateways and Units,”](#) describes how to manage Prime Performance Manager units including creating of unit protection groups and gateway high availability.
- [Chapter 14, “Configuring Upstream Alarm Hosts and Tuning Event and Alarm Parameters,”](#) tells you how to create upstream OSS hosts and tune Prime Performance Manager alarm parameters.
- [Chapter 15, “Configuring Device Credentials for Y.1731 SLA and Ethernet Flow Point Reports,”](#) tells you how to configure device credentials for Y.1731 SLA and Ethernet Flow Point reports.
- [Chapter 16, “Configuring Prime Performance Manager for Firewalls,”](#) tells you how to configure Prime Performance Manager gateways and units for communication through firewalls.
- [Chapter 17, “Backing Up and Restoring Prime Performance Manager,”](#) describes the Prime Performance Manager backup and restore processes.
- [Appendix A, “Prime Performance Manager and IPv6,”](#) describes how IPv6 addressing is handled by Prime Performance Manager.
- [Appendix B, “Prime Performance Manager Commands,”](#) describes the commands used to set up and operate Prime Performance Manager.
- [“Glossary”](#) provides definitions to common industry and Prime Performance Manager terms.

Conventions

This document uses the following conventions:

Item	Convention
Commands and keywords	boldface font
Variables for which you supply values	<i>italic</i> font
Displayed session and system information	screen font
Information you enter	boldface screen font
Variables you enter	<i>italic screen</i> font
Menu items and button names	boldface font
Selecting a menu item in paragraphs	Option > Network Preferences
Selecting a menu item in tables	Option > Network Preferences



Note

Means *reader take note*. Notes contain helpful suggestions or references to material not covered in the publication.

**Caution**

Means *reader be careful*. In this situation, you might do something that could result in equipment damage or loss of data.

**Tip**

Means *the following is a useful tip*.

Product Documentation

You can access the following additional Cisco Prime Performance Manager guides on the [Cisco Prime Performance Manager](#) page on Cisco.com:

- [Cisco Prime Performance Manager 1.2 User Guide](#) (this guide)
- [Cisco Prime Performance Manager 1.2 Release Notes](#)
- [Open Source Used in Cisco Prime Performance Manager 1.2](#)
- [Cisco Prime Performance Manager 1.2 Documentation Overview](#)
- [Cisco Prime Performance Manager 1.2 Quick Start Guide](#)

Prime Performance Manager data sheet can be found at <http://www.cisco.com/go/performance>

Obtaining Documentation and Submitting a Service Request

For information on obtaining documentation, submitting a service request, and gathering additional information, see the monthly What's New in Cisco Product Documentation, which also lists all new and revised Cisco technical documentation, at:

<http://www.cisco.com/en/US/docs/general/whatsnew/whatsnew.html>

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