



## Preface

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This preface describes the objectives, audience, organization, and conventions of the *Cisco Prime Performance Manager 1.5 Integration Developer Guide*. It refers you to related publications and describes online sources of technical information.

Cisco Prime Performance Manager is a web-based software application that enables a wide variety of service reports in your managed network, including device availability reports, SLA reports, protocol performance reports, and so on. The Prime Performance Manager gateway provides a set of predefined report XML files that you can use as models for creating your own reports.

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## Objectives

This guide describes how to use the sample reports provided with Prime Performance Manager to develop your own XML reports. It also describes how to use the Prime Performance Manager SOAP API to query for alarms and events.

## Audience

This guide is intended for developers and systems engineers who want to create custom reports for Prime Performance Manager in XML. Developers should have:

- Basic network management skills
- Basic multicast knowledge
- Knowledge of Java, SNMP concepts, and XML

## Organization

This guide contains the following chapters:

- [Chapter 1, “Getting Started with Cisco Performance Management Reports”](#) provides an overview of the Prime Performance Manager reports.
- [Chapter 2, “Writing a Report,”](#) provides a tutorial on report writing, based on one of the reports provided with Cisco Prime Performance Manager.
- [Chapter 4, “Testing and Debugging Your Report,”](#) explains how to debug your report and lists error messages that might appear.
- [Chapter 5, “Prime Performance Manager Event API,”](#) explains how to use the Prime Performance Manager event API.
- [Chapter 6, “Device Administration Using the NBAPI,”](#) explains how to manage devices using the NBAPI.
- [Chapter A, “XML Reference”](#) provides reference information on the XML elements provided.
- [Chapter B, “Reports Macro Reference,”](#) provides reference information on the reports macros used with Prime Performance Manager reports.

## Conventions

This guide uses basic conventions to represent text and table information.

Item	Convention
Commands and keywords	<b>boldface</b> font
Variables for which you supply values	<i>italic</i> font
Displayed session and system information	screen font
Elements that are optional	Square brackets ([ ])
Alternate but required keywords that are grouped	Braces ({ }) and separated by a vertical bar ( )
Information you enter	<b>boldface screen</b> font
Variables you enter	<i>italic screen</i> font
Menu items and button names	<b>boldface</b> font
Selecting a menu item in paragraphs	<b>Option &gt; Network Preferences</b>
Selecting a menu item in tables	Option > Network Preferences

Examples use the following conventions:

- Terminal sessions and information that the system displays are printed in `screen` font.
- Information that you enter is in **boldface screen** font. Variables for which you enter actual data are printed in *italic screen* font.
- Nonprinting characters, such as passwords, are shown in angle brackets (< >).
- Information that the system displays is in `screen` font, with default responses in square brackets ([ ]).

This publication also uses the following conventions:

- Menu items and button names are in **boldface** font.
- If items such as buttons or menu options are dimmed on the application window, it means that the items are not available either because you do not have the correct permissions or because the item is not applicable at this time.

**Note**

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Means *reader take note*. Notes contain helpful suggestions or references to materials not contained in the manual.

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**Tip**

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Means *the following are useful tips*.

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## Related Documentation

Additional information can be found in the following publications of the Prime Performance Manager documentation set:

- [Cisco Prime Performance Manager 1.5 User Guide](#)
- [Cisco Prime Performance Manager 1.5 Release Notes](#)
- [Cisco Prime Performance Manager 1.5 Quick Start Guide](#)
- Cisco Prime Performance Manager 1.5 Integration Developer Guide (this document)
- [Open Source Used in Cisco Prime Performance Manager 1,4](#)
- [Cisco Prime Performance Manager 1.5 Documentation Overview](#)

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

## Obtaining Documentation, Obtaining Support, and Security Guidelines

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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