



About this Guide

This preface describes who should read the *Cisco Application Performance Assurance Device Console User Guide*, how it is organized, its document conventions, and how to obtain documentation and technical assistance.

This guide provides information about the data structures created and used by the Network Enhanced Module for Application Performance Assurance (NME-APA). It is intended for the administrators and engineers who are responsible for daily operation of the NME-APA.

Document Revision History

The Document Revision History below records changes to this document.

Revision	Cisco Service Control Release and Date	Change Summary
OL-14180-02	2.0 September, 2008	<ul style="list-style-type: none">• Updated to include Policy configuration and management. See Understanding Policies, page 3-36.• Updated to include global settings management. See Managing Global Settings, page 3-52.• Updated list of reports provided by the reporter. See Understanding Report Groups, page 5-8.• Added appendix to describe the protocols supported by the Cisco APA engine. See Protocol Reference, page B-1
OL-14180-01	1.0 August, 2007	First version of this document.

Organization

This guide contains the following sections:

Section	Title	Description
1	Cisco Application Performance Assurance Overview, page 1-1	Provides an overview of the Application Performance Assurance solution.
2	Device Setup and Management, page 2-1	Explains the methods by which the operator can use the Application Performance Assurance (APA) Device Console to configure the Network Module Enhanced Application Performance Assurance (NME-APA) devices on the network, manage any events associated with the devices, and monitor their performance using a series of configurable device statistics.
3	Traffic Management, page 3-1	Explains the methods by which the operator of the Application Performance Assurance (APA) Device Console identifies and defines the traffic that is available for reporting from the Network Module Enhanced Application Performance Assurance (NME-APA).
4	User Management, page 4-1	Explains the methods by which the operator of the Application Performance Assurance (APA) Device Console defines the individuals and groups that provide the basis of the system reporting from the Network Module Enhanced Application Performance Assurance (NME-APA).
5	Reporting, page 5-1	Explains the methods by which the operator of the Application Performance Assurance (APA) Device Console defines the data retrieval parameters, as well as the means of converting this data into usable reports from the Network Module Enhanced Application Performance Assurance (NME-APA).
6	Administrative User Management, page 6-1	Explains the methods by which the operator of the Application Performance Assurance (APA) Device Console maintains security of the Network Module Enhanced Application Performance Assurance (NME-APA) devices by managing administrative user accounts and access rights for logging into the APA Device Console.
A	Admin User Roles, page A-1	Describes the Cisco Application Performance Assurance (APA) administrative user roles.
B	Protocol Reference, page B-1	Describes the protocols supported by the Cisco APA engine.

Related Publications

Your NME-APA device and the software running on it contain extensive features and functionality, which are documented in the following resources:

- For information on installing the Device Console, refer to the *Cisco Application Performance Assurance Device Console Installation Guide*.
- For information on using the Device Console, refer to the *Cisco Application Performance Assurance Device Console User Guide*.
- For initial installation of the NME-APA device and startup information, refer to the *Cisco Network Module Enhanced Application Performance Assurance User Guide*.
- For troubleshooting information, refer to the *Cisco Application Performance Assurance Troubleshooting Guide*.
- For information about the NME-APA command line interface, refer to the *Cisco Network Module Enhanced Application Performance Assurance CLI Command Reference*.
- For international agency compliance, safety, and statutory information for wide-area network (WAN) interfaces for the NME-APA device, refer to the *Regulatory Compliance and Safety Information for Cisco Network Enhanced Module Application Performance Assurance (NME-APA)*.

Conventions

This document uses the following conventions:

Convention	Indication
bold font	Commands and keywords and user-entered text appear in bold font .
<i>italic font</i>	Document titles, new or emphasized terms, and arguments for which you supply values are in <i>italic font</i> .
[]	Elements in square brackets are optional.
{ x y z }	Required alternative keywords are grouped in braces and separated by vertical bars.
[x y z]	Optional alternative keywords are grouped in brackets and separated by vertical bars.
string	A nonquoted set of characters. Do not use quotation marks around the string or the string will include the quotation marks.
<code>courier font</code>	Terminal sessions and information the system displays appear in <code>courier font</code> .
< >	Nonprinting characters such as passwords are in angle brackets.
[]	Default responses to system prompts are in square brackets.
!, #	An exclamation point (!) or a pound sign (#) at the beginning of a line of code indicates a comment line.



Note

Means *reader take note*.



Tip

Means *the following information will help you solve a problem*.

**Caution**

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

**Timesaver**

Means *the described action saves time*. You can save time by performing the action described in the paragraph.

**Warning**

Means *reader be warned*. In this situation, you might perform an action that could result in bodily injury.

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>

Subscribe to the *What's New in Cisco Product Documentation* as a Really Simple Syndication (RSS) feed and set content to be delivered directly to your desktop using a reader application. The RSS feeds are a free service and Cisco currently supports RSS version 2.0.