About This Guide

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Contents

This guide describes how to install appliances and modules that support Cisco IPS 7.2. It includes a glossary that contains expanded acronyms and pertinent IPS terms. It is part of the documentation set for Cisco Intrusion Prevention System 7.2. Use this guide in conjunction with the documents listed in Related Documentation, page xiii.

This preface contains the following topics:

Audience

This guide is for experienced network security administrators who install and maintain Cisco IPS sensors, including the supported IPS appliances and modules.

Organization

This guide includes the following sections:

Section	Title	Description
1	"Introducing the Sensor"	Describes IPS appliances and modules.
2	"Preparing the Appliance for Installation"	Describes how to prepare to install appliances.
3	"Installing the IPS 4345 and IPS 4360"	Describes how to install the IPS 4345 and the IPS 4360.
4	"Installing the IPS 4510 and IPS 4520"	Describes how to install the IPS 4510 and the IPS 4520.
5	"Installing and Removing the ASA 5585-X IPS SSP"	Describes how to install the ASA 5585-X IPS SSP.
A	"Logging In to the Sensor"	Describes how to log in to the various sensors.
B	"Initializing the Sensor"	Describes how to use the **setup** command to initialize sensors.
C	"Obtaining Software"	Describes where to go to get the latest IPS software and describes the naming conventions.
D	"Upgrading, Downgrading, and Installing System Images"	Describes how to upgrade sensors and reimage the various sensors.
E	"Troubleshooting"	Contains troubleshooting tips for IPS hardware and software.
F	"Cable Pinouts"	Describes the appliance cable pinouts.
	"Glossary"	Contains IPS acronyms and terms.

Conventions

This document uses the following conventions:

Convention	Indication
bold font	Commands and keywords and user-entered text appear in **bold** font.
italic font	Document titles, new or emphasized terms, and arguments for which you supply values are in *italic* font.
[ ]	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.
`courier` font	Terminal sessions and information the system displays appear in `courier` font.
< >	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.**

Related Documentation

For a complete list of the Cisco IPS 7.2 documentation and where to find it, refer to the following URL:

http://www.cisco.com/en/US/docs/security/ips/7.2/roadmap/roadmap7_2.html

For a complete list of the Cisco ASA 5500 series documentation and where to find it, refer to the following URL:

http://www.cisco.com/en/US/docs/security/asa/roadmap/asaroadmap.html

Where to Find Safety and Warning Information

Before installing IPS sensors, read the regulatory compliance and safety information documents. These documents contain important safety information, such as the international agency compliance and safety information for the sensor. It also includes translations of the safety warnings. The following documents apply to the sensors in this document:

- *Regulatory Compliance and Safety Information for the Cisco ASA 5500-X Series Appliances and the Intrusion Prevention System 4300 Series Appliances*

- *Regulatory Compliance and Safety Information for the Cisco Intrusion Prevention System 4500 Series Appliance Sensor*

Obtaining Documentation, Using the Cisco Bug Search Tool, and Submitting a Service Request

For information on obtaining documentation, using the Cisco Bug Search Tool (BST), submitting a service request, and gathering additional information, see *What's New in Cisco Product Documentation* at: http://www.cisco.com/en/US/docs/general/whatsnew/whatsnew.html.

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