Preface

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Contents

This guide describes how to install appliances and modules that support Cisco IPS 7.0. It includes a glossary that contains expanded acronyms and pertinent IPS terms. It is part of the documentation set for Cisco Intrusion Prevention System 7.0. Use this guide in conjunction with the documents listed in Related Documentation, page xvi. This preface contains the following sections:

Audience

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

Comply with Local and National Electrical Codes

Warning   **Installation of the equipment must comply with local and national electrical codes.** Statement 1074

Waarschuwing   **Bij installatie van de apparatuur moet worden voldaan aan de lokale en nationale elektriciteitsvoorschriften.**

Varoitus	Laitteisto tulee asentaa paikallisten ja kansallisten sähkömääräysten mukaisesti.
Attention	L'équipement doit être installé conformément aux normes électriques nationales et locales.
Warnung	Die Installation der Geräte muss den Sicherheitsstandards entsprechen.
Avvertenza	L'installazione dell'impianto deve essere conforme ai codici elettrici locali e nazionali.
Advarsel	Installasjon av utstyret må samsvare med lokale og nasjonale elektrisitetsforskrifter.
Aviso	A instalação do equipamento tem de estar em conformidade com os códigos eléctricos locais e nacionais.
¡Advertencia!	La instalación del equipo debe cumplir con las normativas de electricidad locales y nacionales.
Varning!	Installation av utrustningen måste ske i enlighet med gällande elinstallationsföreskrifter.
	A berendezés üzembe helyezését a helyi és a nemzeti elektromossági előírások figyelembevételével kell elvégezni.
Предупреждение	Установка оборудования должна соответствовать местным и национальным электротехническим нормам.
警告	设备安装必须符合本地与本国电气法规。
警告	機器の取り付けは地域および国内の電気工事規定に遵守する必要があります。
주의	현지 및 국가 전기 규정에 따라 장비를 설치해야 합니다.
Aviso	A instalação do equipamento deve estar em conformidade com os códigos elétricos nacionais.
Upozornění	Instalace zařízení musí splňovat příslušné místní a státní elektrotechnické normy.
אזהרה	התקנת הציוד חייבת להיות תואמת את חוקי החשמל המקומיים והארציים.
Ostrzeżenie	Instalacja sprzętu musi być zgodna z lokalnymi i krajowymi normami elektrycznymi.
Upozornenie	Inštalácia zariadenia sa musí vykonať v súlade s miestnymi a národnými predpismi pre inštaláciu elektrických zariadení.

Opozorilo **Priključitev opreme mora potekati v skladu z lokalnimi in državnimi predpisi o električni opremi.**

警告 設備安裝作業必須符合當地或國家電工法。

Organization

This guide includes the following sections:

Section	Title	Description
1	"Introducing the Sensor"	Describes IPS appliances and modules.
2	"Installing the IPS 4240 and the IPS 4255"	Describes how to install the IPS 4240 and the IPS 4255.
3	"Installing the IPS 4260"	Describes how to install the IPS 4260.
4	"Installing the IPS 4270-20"	Describes how to install the IPS 4270-20.
5	"Installing the AIM IPS"	Describes how to install the AIM IPS.
6	"Installing the AIP SSM"	Describes how to install the AIP SSM.
7	"Installing the IDSM2"	Describes how to install the IDSM2.
8	"Installing the NME IPS"	Describes how to install the NME IPS
9	"Logging In to the Sensor"	Describes how to log in to the various sensors.
10	"Initializing the Sensor"	Describes how to use the **setup** command to initialize sensors.
11	"Obtaining Software"	Describes where to go to get the latest IPS software and describes the naming conventions.
12	"Upgrading, Downgrading, and Installing System Images"	Describes how to upgrade sensors and reimage the various sensors.
A	"Troubleshooting"	Contains troubleshooting tips for IPS hardware and software.
	"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 more information on Cisco IPS, refer to the following documentation found at this URL:

http://www.cisco.com/en/US/products/hw/vpndevc/ps4077/tsd_products_support_series_home.html

- *Documentation Roadmap for Cisco Intrusion Prevention System*
- *Release Notes for Cisco Intrusion Prevention System*
- *Installing and Using Cisco Intrusion Prevention System Device Manager*
- *Installing and Using Cisco Intrusion Prevention System Manager Express*
- *Cisco Intrusion Prevention System Command Reference*
- *Configuring the Cisco Intrusion Prevention System Sensor Using the Command Line Interface*
- *Installling and Removing Interface Cards in Cisco IPS-4260 and IPS 4270-20*

> • *Regulatory Compliance and Safety Information for the Cisco Intrusion Prevention System 4200 Series Appliance Sensor*

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.