Products & Services

Intrusion Detection System Compatibility Matrix

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Contents

Introduction

This document provides a hardware/software compatibility matrix for the Cisco Intrusion Prevention System (IPS) Ap (4210, 4215, 4220, 4230, 4235, 4240, 4250, 4255), Adaptive Security Appliance Security Services Module (SSM), R Module and Catalyst 6000 Intrusion Detection System Modules (IDSM-1, IDSM-2). This document also provides an o of the Management options. A brief overview of each application is provided, as well as a version compatibility matrix listed in each compatibility matrix are the only supported versions.

The Cisco Intrusion Prevention System was formerly known as Cisco Intrusion Detection System (IDS) or NetRange Cisco Intrusion Prevention System Appliances are also known as Sensors. Refer to the relevant product documentat release notes for more information.

Note: Be aware of the product status column in the tables within this document. This column denotes relevant End-o (EoL)/End-of-Sale (EoS) notifications.

Prerequisites

Requirements

There are no specific requirements for this document.

Components Used

The information in this document is based on these software and hardware versions:

- Cisco Intrusion Prevention System (IPS) Appliances (4210, 4215, 4220, 4230, 4235, 4240, 4250, 4255)
- Adaptive Security Appliance Security Services Module (SSM)
- Router Module

- Catalyst 6000 Intrusion Detection System Modules (IDSM-1, IDSM-2)

The information in this document was created from the devices in a specific lab environment. All of the devices used document started with a cleared (default) configuration. If your network is live, make sure that you understand the po impact of any command.

Conventions

Refer to Cisco Technical Tips Conventions for more information on document conventions.

IPS Hardware/Software Compatibility

Table 1—Appliances

Appliance	Part #	Hardware	Optional Interfaces	Available Additional Hardware	Compatible Software Versions	Product Status
IDS-4210	IDS-4210 IDS-4210-K9 IDS-4210-NFR	IDE hard drive with CDROM available for software upgrade and image recovery purposes.		IDS-4210-MEM-U= Additional 256 MB memory for SmartNet customers only to upgrade to version 4.1 and later. Customers can order the memory through the Product Upgrade Tool (registered customers only) .	3.1 to current *	**End of Sale:** December 8, 2003 **Last Day of Support:** December 8, 2008
IDS-4215	IDS-4215-K9 IDS-4215-4FE-K9	IDE hard drive and compact Flash. No CDROM drive is available for software upgrade and image recovery purposes.	IDS-4FE-INT=		4.1 to current *	Current
				IDS-4220-MEM-U= Additional 256 MB memory for SmartNet		

IDS-4220	IDS-4220-E	IDE hard drive with CDROM available for software upgrade and image recovery purposes.		customers only to upgrade to version 4.1 and later. Customers can order the memory through the Product Upgrade Tool (registered customers only) .	3.1 to 4.1	**End of Sale:** July 31, 2002 **Last Day of Support:** July 31, 2007
IDS-4230	IDS-4230-FE	IDE hard drive with CDROM available for software upgrade and image recovery purposes.			3.1 to 4.1	**End of Sale:** July 31, 2002 **Last Day of Support:** July 31, 2007
IDS-4235	IDS-4235-K9	SCSI hard drive with CDROM available for software upgrade and image recovery purposes.	IDS-4FE-INT=	IDS-PWR= Spare power supply	3.1 to current *	**End of Sale:** May 31, 2005 **Last Day of Support:** May 31, 2010
IPS-4240	IPS-4240-K9 IPS-4240-DC-K9 (DC powered, NEBS-Compliant only)	Compact Flash. No CDROM drive available for software upgrade and image recovery purposes.			4.1.4 to current *	Current
IDS-4250	IDS-4250-TX-K9 IDS-4250-SX-K9 IDS-4250-XL-K9	SCSI hard drive with CDROM available for software upgrade and image recovery purposes.	IDS-4FE-INT= IDS-4250-SX-INT= IDS-XL-INT=	IDS-PWR= Spare power supply IDS-SCSI= Spare SCSI Hard drive	3.1 to current *	**TX version only End of Sale:** May 31, 2005 **Last Day of Support for TX:** May 31, 2010 The other two IDS 4250 platforms are not affected by this EoL announcement.

IPS-4255	IPS-4255-K9	Compact Flash. No CDROM drive available for software upgrade and image recovery purposes.			4.1.4 to current *	Current

Table 2—Modules

Module	Part #	Hardware	Optional Interfaces	Available Additional Hardware	Compatible Software Versions	Product Status
SSM	ASA-SSM-AIP-10-K9 (ASA AIP Security Service Module-10) ASA-SSM-AIP-20-K9 (ASA AIP Security Service Module-20)	Compact Flash. No CDROM drive available for software upgrade and image recovery purposes.			5.0 to current *	Current
Router Module	NM-CIDS-K9 NM-CIDS-K9= (RMA Part # only)	Compact Flash. No CDROM drive available for software upgrade and image recovery purpose.			Cisco IOS® Software Release 12.2(15)ZJ or later Cisco IOS Software Release 12.3(4)T or later IDS 4.1 to current *	Current
IDSM-1	WS-X6381-IDS WS-X6381-IDS= (RMA Part # ONLY)	IDE hard drive. No CD ROM drive available for software upgrade or image recovery purposes.			2.5 to 3.0	**End of Sale:** April 20, 2003 **Last Day of Support:** April 20, 2008
IDSM-2	WS-SVC-IDS2-BUN-K9 WS-SVC-	IDE hard drive and compact Flash. No CDROM drive available			4.0 to	Current

	IDS2BUNK9= (RMA Part # only)	for software upgrade and image recovery purposes.			current *	

Note: The latest version of software available at the time of the publication of this document is 5.1. If you need a sof version that is later than 5.1, check the documentation for that version of code to ensure compatibility.

Management and Configurations Options

You can manage and configure IPS Sensors via the command line interface, or via one of the configuration or manag tools listed in these sections.

CiscoWorks Management Center for IPS Sensors (IPS MC)

CiscoWorks Management Center for IPS Sensors is a tool with a scalable architecture for the configuration of Cisco S Network Sensors, switch IPS Sensors, IPS network modules for routers, and inline intrusion prevention software in ro CiscoWorks Management Center for IPS Sensors allows administrators to save time by configuring multiple Sensors concurrently using group profiles. Additionally, it provides a powerful signature management feature that increases th accuracy and specificity in the detection of possible network intrusions.

Refer to the Supported Devices and Software Versions for Management Center for IPS Sensors documentation for compatibility information.

CiscoWorks Monitoring Centre for Security (SecMon)

CiscoWorks Monitoring Center for Security is a tool to capture, store, view, correlate, and report on security events fr

- Cisco Network IPS
- Cisco Network IDS
- Cisco Switch IDS
- Cisco IOS routers with inline IPS functions
- Cisco IDS modules for routers
- Cisco PIX firewalls
- Cisco Catalyst 6500 Series Firewall Services Modules (FWSM)
- CiscoWorks Management Center for Cisco Security Agents
- CiscoWorks Monitoring Center for Security servers

Refer to the Supported Devices and Software Versions for Monitoring Center for Security documentation for compatil information.

Cisco Security Monitoring, Analysis and Response System (MARS)

The Cisco Security Monitoring Analysis and Response System (MARS) is a family of high-performance, scalable app for threat management, monitoring, and mitigation that helps customers to make more effective use of network and s

devices. Cisco Security MARS combines traditional security event monitoring with network intelligence, context corre vector analysis, anomaly detection, hotspot identification, and automated mitigation capabilities. With the combinatio capabilities, Cisco Security MARS helps companies to accurately identify and eliminate network attacks while mainta network compliance.

MARS Versions	Supported Appliance/Sensor Software
3.3.x	3.x and 4.x
3.4.x	3.x, 4.x, 5.x

Refer to the product Release Notes for more information.

Cisco Threat Response (CTR)

Cisco Threat Response (CTR) works with Cisco IPS Sensors to provide an efficient intrusion protection solution. Cisc Response virtually eliminates false alarms, escalates real attacks, and aids in the remediation of costly intrusions.

Cisco Threat Response is compatible with Cisco IPS version 3.x or later. Refer to the product Release Notes for mor information. Also, be aware of the End-of-Life announcement for Cisco Threat Response.

IDS Event Viewer (IEV)

IDS Event Viewer (IEV) is a Java-based application that enables you to view and manage alarms for up to five Sensc IDS Event Viewer you can connect to and view alarms in real time or in imported log files. You can configure filters a to help you manage the alarms and import and export event data for further analysis. IDS Event Viewer also provides to the Network Security Database (NSDB) for signature descriptions.

IEV is supported from IDS version 3.1 to version 4.x. Although no longer supported from version 5.x, it can be used t version 5.x Sensors. However, the new 5.0 features are not reported by IEV. Refer to the product Configuration Exar Technotes for more information.

IDS Device Manager (IDM)

IDS Device Manager (IDM) is a web-based application that allows you to configure and manage your Sensor. The we for IDS Device Manager resides on the Sensor. You can access it through Netscape or Internet Explorer web browse

IDM is supported from IDS version 3.1. Refer to the product Configuration Examples and TechNotes for more informa

Cisco Secure Policy Manager (CSPM)

Cisco Secure Policy Manager (CSPM) provides policy-based security management for Cisco IDS Sensors, PIX firew IPsec VPN routers.

Note: CSPM has reached its EoL. Refer to the EoS/EoL Announcement for Cisco Secure Policy Manager 2.x & 3.x.

Model	CSPM 2.2	CSPM 2.3i	CSPM 2.3.1i	CSPM 2.3.2i	CSPM
IDS 4210 IDS 4220 IDS 4230	2.2.0.x 2.2.1.x 2.5(0)	2.2.0.x 2.2.1.x 2.5.(0)S0 2.5(1)S0 2.5(1)S2	2.2.0.x 2.2.1.x 2.5.(0)S0 2.5(1)S0 2.5(1)S2 3.0(1)S3 3.0(1)S4	2.2.0.x 2.2.1.x 2.5.(0)S0 2.5(1)S0 2.5(1)S2 3.0(1)S3 3.0(1)S4	2.2.0.x 2.2.1. 2.2.1.0 2.2.1. 2.2.1.1 2.5(0) 2.2.1.2 2.5(1) 2.2.1.3 2.5(1) 2.2.1.4 2.5(1)

Catalyst 6000 Intrustion Detection System Module (IDSM-1)	2.5 IDSM	2.5 IDSM	2.5 IDSM 3.0 IDSM	2.5 IDSM 3.0 IDSM	2.5(0)S0 IDSM 2.5(1)S0 IDSM 2.5(1)S1 IDSM

UNIX Director

The UNIX Director provides a centralized graphical interface for the management of security across a distributed net can also perform other important functions such as data management through third-party tools, access to the NSDB, monitoring and management of Sensors and IDSMs, and send pages or e-mail to security personnel when security e occur. The Director interface runs on top of HP OpenView.

Note: Software release 2.2.x for the Cisco IDS Appliance Sensor has reached its EoL. Refer to the End of Life for Ci 2.2.x Sensor Software documentation.

Director Versions	Supported Appliance/Sensor Software
2.1.1	2.1.1
2.2.0	2.2.0
2.2.1	2.2.1
2.2.2	2.2.2 and 2.5
2.2.3*	2.2.3, 3.0, 3.1

* 2.2.3 is the last available version of IDS Director Software and supports Sensor Software 3.1 and earlier.

While the 2.2.x Director may be backwards compatible with 2.2.x Sensor versions, if you do not have at least the san of software on both Directors and Sensors, newer Sensor functionality may not be available in the Director. This forc manual command line configuration. Refer to the Product Documentation for more details.

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