

IBM Proventia Network IPS Virtual Appliance

Contents of This Document

This document describes the system requirements for the current versions of Proventia Network IPS Virtual Appliance. The models are the GV1000 virtual IPS sensor and the GV200 virtual IPS sensor.

Overview: IBM Proventia Network IPS Virtual Appliance

IBM Proventia Network IPS Virtual Appliance is a software IPS security appliance solution for VMware Infrastructure™ 3.5 that identifies network attacks going in and out of a VMWare virtual infrastructure.

IBM Proventia Network IPS Virtual Appliance				
Minimum Processor	One virtual CPU			
VMware Guest OS Support	IBM Proventia Network IPS Virtual Appliance is supported on the following VMware platforms:			
	Image Name	VMWare ESX 3.5	VMWare ESXi 3.5	VMWare Server 2.0 (Linux and Windows)
	GV200	X	X	X
	GV1000	X		
VMware Management	IBM Proventia Network IPS Virtual Appliance is supported using the following VMware management components: <ul style="list-style-type: none">• VMware vSphere Client 4.0, 3.5• VMware vCenter (all versions that support ESX 3.5)			

IBM Proventia Network IPS Virtual Appliance

IBM Proventia Network IPS Virtual Appliance Management

IBM Proventia Network IPS Virtual Appliance is managed using the Local Management Interface (LMI) for single sensor management, and Site Protector for managing multiple sensors. The following components for policy deployment and reporting are supported.

LMI Management Console Components

Supported OS versions are:

- Windows XP
- Windows Vista
- Windows 7

Supported JREs are:

- Sun 1.6.x
- IBM 1.6.x (** Firefox 3.x does not work well with IBM JRE 1.6 -- Customers are advised to use Sun JRE 1.6 with Firefox)

Supporter browsers are:

- Internet Explorer 7
- Internet Explorer 8
- Firefox 3.x

Other versions of Windows, the JREs, and browsers may work, but were not tested and are not supported.

Site Protector Management Console Components

- Site Protector versions 7.x
- Site Protector versions 8.0 and 8.1
- Hardware and software requirement for Site Protector can be found at the following location.

<http://www.iss.net/support/documentation/docs.php?product=16&family=8>

Minimum Memory

1GB RAM

Disk Space

10GB Disk

Network Connection

Virtual interfaces are automatically created during the installation process to enable features of the product. Below is a list of the virtual interfaces:

- Reset port, used for resetting TCP connections if required in IPS mode.
- Management port, used for IPS event reporting and deploying security policies. The management port is used by Site protector and the Local Management Interface.1
- Two layer two sensing port used to identify and mitigate network attacks.

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Dedicated System?

No. The IBM Proventia Network IPS Virtual Appliance software will run on any hardware that is supported by the VMware Infrastructure 3 platform and will run in parallel with other virtual devices on those platforms.

The following tool on the VMware website will determine the compatibility of your hardware platform.

<http://www.vmware.com/resources/compatibility/search.php>

Supported Guest Operating Systems

IBM Proventia Network IPS Virtual Appliance will provide protection for all host operating systems supported by ESX Infrastructure. For a current of supported host operating systems refer to the following tool on the VMware website.
<http://www.vmware.com/resources/compatibility/search.php>

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