

## IBM Proventia Network IPS

# IBM Proventia Network IPS Firmware Version 4.1

### Contents of This Document

This document describes the system requirements for the IBM Proventia Network IPS firmware release 4.1.

### IBM Proventia Network IPS firmware release 4.1

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<b>Hardware</b>	GX3002, GX4002, GX4004, GX4004-v2, GX5008, GX5008-v2, GX5108, GX5108-v2, GX5208, GX5208-v2, GX6116, GV200, GV1000
<b>Management</b>	<p>IBM Proventia Network IPS firmware release 4.1 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.</p> <p><u>LMI Management Console Components</u></p> <p><b>Supported OS versions are:</b></p> <ul style="list-style-type: none"><li>• Windows XP</li><li>• Windows Vista</li><li>• Windows 7</li></ul> <p><b>Supported JREs are:</b></p> <ul style="list-style-type: none"><li>• Sun 1.6.x</li><li>• 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)</li></ul> <p><b>Supporter browsers are:</b></p> <ul style="list-style-type: none"><li>• Internet Explorer 7</li><li>• Internet Explorer 8</li><li>• Firefox 3.x</li></ul> <p>Other versions of Windows, the JREs, and browsers may work, but were not tested and are not supported.</p> <p><u>Site Protector Management Console Components</u></p> <ul style="list-style-type: none"><li>• Site Protector versions 7.x</li><li>• Site Protector versions 8.0 and 8.1 (IPv6 management, one-click blocking, and Appscan integration require SPv8.1)</li><li>• Hardware and software requirement for Site Protector can be found at the following location. <a href="http://www.iss.net/support/documentation/docs.php?product=16&amp;family=8">http://www.iss.net/support/documentation/docs.php?product=16&amp;family=8</a></li></ul>

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<b>Authentication</b>	<p>IBM Proventia Network IPS firmware release 4.1 includes support for Radius and LDAP.</p> <ul style="list-style-type: none"> <li>Any Radius server that conforms to the Radius authentication RFC, will work.</li> <li>LDAP requires the Microsoft LDAP server.</li> </ul>
<b>Memory</b>	<p>The default memory shipped on IBM Proventia Network IPS appliances is required for the firmware on the appliances.</p> <p>1Gig of memory is required for the LMI or Site Protector client.</p>
<b>Disk</b>	<p>The default disk drives shipped on IBM Proventia Network IPS appliances is required.</p>
<b>Network Connection</b>	<p>There are three types of network interfaces for all appliances.</p> <p><b>Management Interface</b> – used for policy management and reporting.</p> <ul style="list-style-type: none"> <li>The management interface needs to be connected to an IP V4 or IP V6 network that is routable to the client running the management browser.</li> <li>If using Site Protector then the interface needs to be connected to a IP v4 network that is routable to Site Protector.</li> <li>If using Site Protector then the interface needs to be connected to a IP v6 network that is routable to Site Protector. Also please note as mentioned above that IPv6 Site Protector management requires v8.1.</li> </ul> <p><b>TCP Interface</b> – used to reset TCP connections in IDS mode.</p> <p><b>Sensing Interfaces</b> – used to detect network based attacks. The number of these interfaces vary depending on the IPS appliance.</p>
<b>Dedicated System?</b>	<p>Yes, this firmware will only run on IBM Proventia Network IPS appliances. The GV series virtual devices will run on any VMware supported platforms for ESX 3.5, ESXi3.5 and VMware Server 2.</p>
<b>Operating Systems Protected</b>	<p>IBM Proventia Network IPS appliances will provide protection for all host and network operating systems, and devices connected to the protected network. With release 4.1 of the IBM Proventia Network IPS firmware, attacks will be identified and mitigated for IPv6 network traffic as well as legacy IPv4 traffic.</p>

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