IBM Proventia Network Security Controller helps protect your high-speed networks with a 10 Gbps interface

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Overview

Today's high-performance computing and high-bandwidth applications are driving enterprises to upgrade their networks with 10 Gbps links, but security has not always kept pace. IBM® Proventia® Network Security Controller provides a solution that is designed to deliver in-line network intrusion prevention to help protect your high-speed networks with a 10 Gbps interface to your IBM Proventia Network Intrusion Protection System GX6116 and GX5208. IBM Proventia Network Security Controller offers the following features:

• 10 Gbps connectivity for 1 Gbps appliances
• Aggregation and segregation of 10 Gbps ports to 24 1 Gbps ports with configurable mapping
• Active bypass and switching, eliminating disruption to the network if the appliance fails
• Passive bypass, to ensure operation in case of power loss
• Support for multiple 10 Gbps interfaces

Key prerequisites

Hardware: IBM Proventia Network Intrusion Prevention System GX6116 or GX5208

Availability date

March 17, 2009

Physical specifications

Width: 425.00 mm (16.75 in)
Depth: 300.00 mm (11.8 in)
Height: 44.00 mm (1.7 in)
Weight: 3.4 kg (7.5 lb)
Form factor: 1U, 19-inch rack mountable

IPS connection ports: 24 copper (TX) 1 Gbps ports provided; eight, twelve, or sixteen used per 10 Gbps Network segment
Network connection ports: Four 10 Gbps ports provided; two used per 10 Gbps network segment. Network connections are either SX or LX fiber.

Management port: 1 Gbps (TX)

Console port: RJ45 serial port with two 12 V DC power input jacks on the rear of the enclosure

### Power requirements

- Uninterruptible power system support: No
- Units: AC (dual inputs, via two external AC/DC adapters)
- Amps: 5 Amps DC, AC adapter is rated 1.4 Amps (maximum)
- Voltage: 12 Volts DC
- Input range: 110-240 V AC at 50-60 Hz, full range
- Operating temperature: 10 C to 35 C (50 F to 95 F)
- Relative humidity: 20 to 80 percent @ 15 C (59 F) maximum dew point
- Emissions: FCC, IC, EN 55022, VCCI, MIC, AUS/NZ Class A
- Redundant power supply: Yes

### Cable requirements

The following cables are provided with the IBM Proventia Network Security Controller appliance:

- Eight CAT5E cables, 2 meters
- One management cable
- One console cable
- Two country-specific power cords

### Installation

**Quick Installation Card (Qty 1)**

**Note:** Professional Installation is available at an additional charge. Contact Internet Security Systems™ Sales at 1-888-776-2362 or 404-236-2709.

### Warranty service

If required, IBM provides repair or exchange service depending on the types of warranty service specified for the IBM Proventia Network Security Controller. IBM will attempt to resolve your problem over the telephone, or electronically via an IBM Web site. You must follow the problem determination and resolution procedures that IBM specifies. Scheduling of service will depend upon the time of your call and is subject to parts availability. If applicable to your product, parts considered Customer Replaceable Units (CRUs) will be provided as part of the IBM Proventia Network Security Controller standard warranty service.

Service levels are response-time objectives and are not guaranteed. The specified level of warranty service may not be available in all worldwide locations. Additional charges may apply outside IBM’s normal service area. Contact your local IBM representative or your reseller for country- and location-specific information. The IBM Proventia Network Security Controller is covered by the following type of service.
Hardware warranty period

One year

Hardware warranty service

Machine Exchange Service - IBM will initiate shipment of a replacement IBM Proventia Network Security Controller to your location. You are responsible for its installation and verification of its operation. You must pack the failing IBM Proventia Network Security Controller into the shipping container that contained the replacement IBM Proventia Network Security Controller and return the failing IBM Proventia Network Security Controller to IBM. Transportation charges, both ways, are paid by IBM. You may be charged for the replacement IBM Proventia Network Security Controller if IBM does not receive the failing IBM Proventia Network Security Controller within 30 days of your receipt of the replacement IBM Proventia Network Security Controller.

The IBM Proventia Network Security Controller contains preloaded software programs.

Program licensing

IBM International Program License Agreement including the License Information (LI) document and Proof of Entitlement (PoE) govern your use of the program. PoEs are required for all authorized use.

Program limited warranty

IBM warrants that when the program is used in the specified operating environment it will conform to its specifications. The warranty period is at least one year after the original licensee acquires the program.

Maintenance service

The IBM Proventia Network Security Controller is eligible for support and maintenance under the terms and conditions of the "IBM Support and Maintenance Policy for IBM ISS Products and Services" (Z125-7818). The Policy Document can be found at the following Web site

http://www.ibm.com/services/iss/wwcontracts

Support and maintenance must be purchased separately. Consult your IBM representative for ordering information.

Maintenance billing period

Annual

Accessibility by people with disabilities

A U.S. Section 508 Voluntary Product Accessibility Template (VPAT) containing details on accessibility compliance can be requested at


Ordering information

To order IBM Proventia Network Security Controller, contact IBM Internet Security Systems at 1-800-776-2362.
Prices

For pricing information, contact your IBM Internet Security Systems representative at 1-800-776-2362.

Announcement countries

Europe NE countries  Availability date

Austria              March 17, 2009
Bulgaria             March 17, 2009
Croatia              March 17, 2009
Czech Republic       March 17, 2009
Denmark              March 17, 2009
Finland              March 17, 2009
Germany              March 17, 2009
Hungary              March 17, 2009
Ireland              March 17, 2009
Norway               March 17, 2009
Poland               March 17, 2009
Romania              March 17, 2009
Russia               March 17, 2009
Slovakia             March 17, 2009
Slovenia             March 17, 2009
South Africa         March 17, 2009
Switzerland          March 17, 2009
Sweden               March 17, 2009
United Kingdom **    March 17, 2009
** UK Mainland Only

Europe SW countries  Availability date

Belgium              March 17, 2009
France *             March 17, 2009
Greece               March 17, 2009
Israel               March 17, 2009
Italy                March 17, 2009
Luxembourg           March 17, 2009
Netherlands          March 17, 2009
Portugal             March 17, 2009
Spain                March 17, 2009
Turkey               March 17, 2009

* Except overseas territories

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