



IBM Netfinity® Firewall Servers

Highlights

Powerful Internet security solutions

IBM eNetwork™ Firewall Version 3.2 for Microsoft® Windows NT® is now available with IBM Netfinity® 3000 servers through firewall solution providers, offering you an Internet security solution that has been successfully deployed around the world for over 10 years. It can protect your network, too, whether it has only 25 users or thousands.

Flexible scalability

Netfinity 3000 servers are designed with features and options to grow as your business moves into the next millennium. 100MHz¹ ECC SDRAM memory is scalable to 384MB, and there are six bays for disk expansion, five slots for adapter expansion and storage up to 36GB².

Control your networked world

Netfinity 3000 servers, tested for performance with eNetwork Firewall, bring advanced levels of performance and functionality down to entry-server price points. ServerProven™ configurations are

published and available on the Netfinity Web site. Netfinity Manager™ software and the optional advanced system management adapter simplify local and remote network asset management. S.M.A.R. T³ drives increase system availability by alerting you to hard disk failure before it happens. And built-in temperature and voltage monitors warn of fluctuations beyond the norm.

Acclaimed service and support

90-day IBM Start Up Support at no extra charge, three-year, limited on-site warranty⁴ and IBM TechConnect® for technical information and certification. And, through IBM SystemXtra™, your IBM Business Partner can provide this Internet security solution combining hardware, software, training, services and flexible total-package financing with a single monthly invoice.



Connecting your business to the Internet gives you the ability to easily retrieve the world's information at your desktop. But if you can access information all over the world, can the world access your information? Yes, it can—unless you take prudent security measures, such as deploying IBM's eNetwork Firewall, available from your eNetwork Firewall solution provider. Successfully protecting IBM assets for over 10 years, protecting small and large customer networks around the world and certified by the ICSA⁵, it's a solution you can count on to protect your business assets. Take advantage of the IBM Firewall features that your current security policy requires. And as your security needs grow, you can use more of the available features to enhance security.

The Netfinity 3000 is a low-cost, easy-to-use, high-performance server also designed to grow with your business. It can help you improve productivity and focus on your business rather than technology, and provide you with the peace of mind that comes from knowing that this solution is based on products from the e-business industry leader.

Three firewalls for the price of one

Firewalling is the act of controlling access to and from a network, which can be done three different ways. A firewall can act as an application gateway, a circuit-level gateway or a set of expert filters. The IBM Firewall supports all three methods, so you don't have to limit yourself to one method, when you can benefit from all three, now and in the future. If you want your firewall to be an application gateway, you want it to act as a

proxy for your applications. The application software, such as Telnet, runs on the IBM Firewall. If you want your firewall to act as a circuit-level gateway, you want it to send and receive data through the firewall. The application runs on the client machine, not on the IBM Firewall, which allows you a wider range of application support. IBM Firewall provides this support through SOCKS, a popular Internet standard that provides seamless Internet access and TCP/IP address hiding. If you want your firewall to act as a set of expert filters, you want to build rules to monitor traffic attempting to cross the firewall. The IBM Firewall uses expert filters to keep out very specific data.

Added tools and products

Packaged with every eNetwork Firewall is the Performance Monitor and Security Dynamics Ace server. The monitor helps you manage your Internet connection by providing statistics for real-time performance, bandwidth and throughput. The data can be shown graphically in a variety of ways, such as by user or by a specific application like HTTP.

The Security Dynamics Ace server and two tokens are included with each eNetwork Firewall. Ace server eliminates the most common weakness that hackers try to exploit: reusable, clear-text passwords. By eliminating your password, you deprive hackers of the most common method of breaking into your network.

A reliable foundation

The Netfinity 3000, with its many hardware security features, is an excellent platform for deploying the eNetwork Firewall. This reliable server features Intel® Pentium® II processors up to 450 MHz with 512KB ECC L2 cache, a full-duplex 10/100Mbps Ethernet controller and a dual-channel Wide Ultra SCSI controller. Five expansion slots are available to support PCI and ISA cards, and internal hard-disk storage can reach over 22GB so that you can handle increasing transaction volumes as your business grows.

Netfinity servers offer a reliable foundation for your eNetwork Firewall by delivering a powerful solution backed by a best-in-class warranty⁵ and including the award-winning IBM Netfinity Manager software at no additional cost.

Netfinity Manager enables you to maintain proactive control of your networked business systems by simplifying their management. Netfinity Manager can integrate with key workgroup and enterprise management platforms, complementing these products with PC hardware system management. If you combine this with the optional IBM advanced system management adapter, you can even troubleshoot from remote locations.

The case for IBM

So, why IBM? What other company has the depth of experience and the proven track record to produce total server solutions for your business? The first-rate hardware and software products, an exhaustive list of options plus world-class service and support untouched by the competition? IBM. When you think about it, it's just better business.

Need more information?

IBM Reseller and General Information

United States 1 800 426-7255 ext. 4752

Canada 1 800 426-2255

IBM Fax Information Service

United States 1 800 IBM-3395

Canada 1 800 465-3299

IBM Netfinity Service and Support

United States Doc #43031

Canada Doc #45487

IBM Netfinity ServerProven Solutions

United States Doc #43047

Canada Doc #45473

World Wide Web

Netfinity www.ibm.com/netfinity

eNetwork Firewall
www.software.ibm.com/enetwork/firewall/

ServerProven www.ibm.com/pc/us/compat

Options by IBM www.ibm.com/pc/us/accessories

SystemXtra www.ibm.com/pc/us/systemxtra



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- 1 MHz only measures internal clock speed, not application performance. Many factors affect application performance.
- 2 When referring to hard drive capacity, GB equals one billion bytes. Total user-accessible capacity may vary depending on operating environments.
- 3 Self-Monitoring, Analysis and Reporting Technology.
- 4 For terms and conditions or copies of IBM's limited warranty, call 1 800 772-2227 in the U.S. and in Canada, call 1 800 426-2255. Limited warranty includes International Warranty Service in those countries where this product is offered. Telephone support may be subject to additional charges.
- 5 See www.icsa.net.

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