

Trend Micro™ ServerProtect™ for Network Appliance™ filers

Comprehensive Data Protection for the Network Appliance Filers Platform

PROBLEM

In a networked environment, it can be difficult to quarantine infected users and a single virus can spread rapidly. Users sharing files via servers and storage systems can increase the risk of network damage caused by infected files. Organizations are continuously expanding the data capacity of their storage devices. As a result, to complete the full cycle of a scheduled scan can be a time consuming task for administrators. To effectively protect file storage systems requires comprehensive, real-time scanning capabilities which can take effect as users continuously access files from storage devices on the network.

STRATEGY

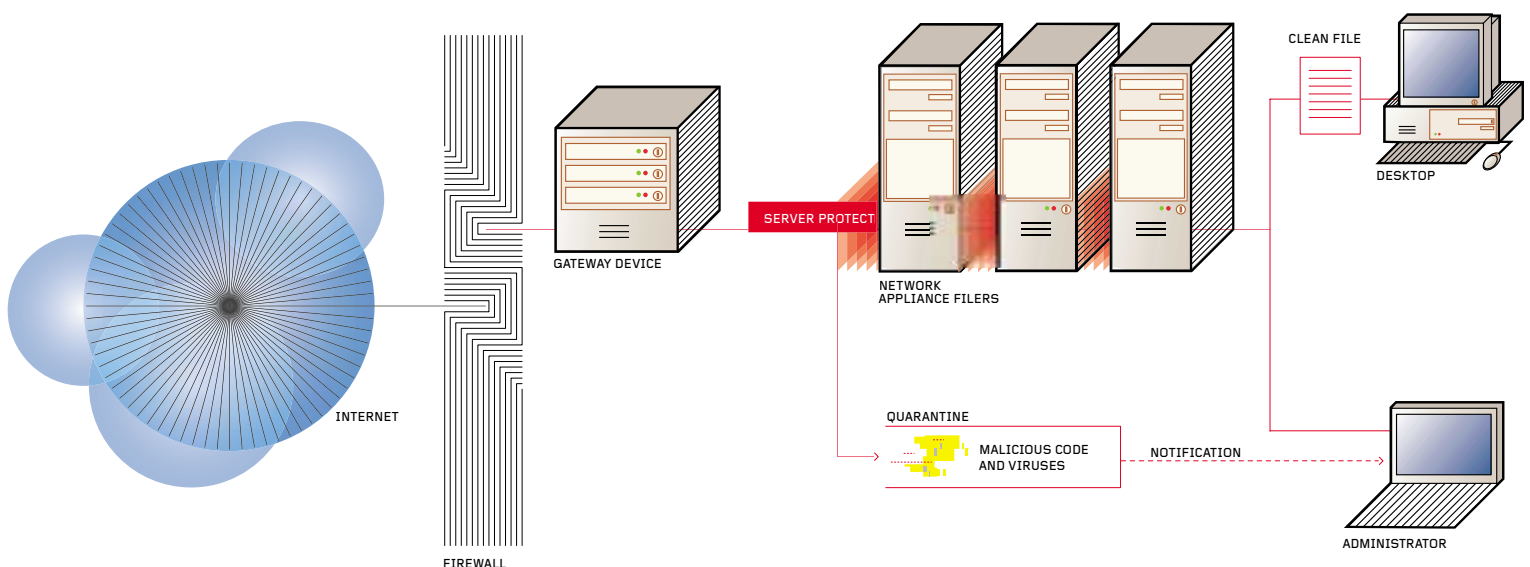
Trend Micro™ ServerProtect™ for Network Appliance™ filers is designed to provide network-wide, comprehensive antivirus scanning for the Network Appliance filer line of data storage systems. Managed through an intuitive, portable console, ServerProtect provides virus outbreak management, centralized virus scanning, virus pattern file updates, event reporting, and antivirus configuration.

KEY BENEFITS

- Helps deliver real-time server protection against viruses, worms, and Trojan attacks
- Permits multiple ServerProtect servers designed to protect multiple Network Appliance filers for scalability, high availability, and lower total cost of ownership
- Helps reduce administrative costs through management of remote installation, maintenance, and upgrades from a central console
- Minimizes manual tasks by automating routine antivirus maintenance and updates
- Alerts administrators to virus outbreaks and emergencies to help reduce response time
- Designed to provide comprehensive logs and reports to help identify dangerous activities before they become threats

"...having an integrated version of Trend Micro ServerProtect is an IT administrator's dream come true. We now get the benefits of reporting logs and real-time scanning without any major impact to system performance. This is perfect!"

—Josh Gifford,
Senior NT Administrator,
Siemens Power Transmission & Distribution



Trend Micro ServerProtect at work: ServerProtect is designed to remove and block infected files passing through the Network Appliance filers in real-time; the files are immediately prevented from reaching end users and the administrator is notified.

Trend Micro™ ServerProtect™ for Network Appliance™ filers

HIGH AVAILABILITY ARCHITECTURE

- Integrates tightly with Network Appliance filers and enables multiple or single scan server virus protection for multiple filers
- Incorporates a Cluster Failover Filer environment which is transparent to users and enables other servers to take over scan requests if a server goes down
- Load balancing for scan request traffic with Network Appliance™ round-robin mechanism
- Enables automatic reconnection of the RPC bi-connection between the Network Appliance Filer and ServerProtect

RELIABLE PROTECTION AND AUTOMATIC UPDATES

- Integrates tightly with Network Appliance filers for on-access and on-demand virus protection
- Actively notifies administrator and end user of virus infection source and lost RPC connections
- Enables virus scanning of separate servers running Microsoft™ Windows™ 2000 or Microsoft Windows™ Server 2003
- Provides improved performance via load balancing feature through which multiple ServerProtect servers can service a single or multiple Network Appliance filer
- Allows automatic downloads and distribution of virus pattern files, scan engine, and program files

CENTRALIZED MANAGEMENT

- Enables administrators to manage antivirus software from a single console
- Allows simultaneous configuration of scanning and notification options for multiple servers
- Provides server status through a single console, including pattern file and program versions, infection status, and connection status
- Provides a task manager designed to automate virus maintenance tasks such as configuration scanning, pattern and program file updating, compiling virus logs, and setting parameters for real-time scanning

COMPREHENSIVE LOG REPORTS AND EVENT NOTIFICATIONS

- Displays the antivirus history of servers in a central log file
- Provides preliminary statistics of antivirus events within the management console and lets administrators export logs to other programs for further analysis
- Notifies pre-defined recipients of virus outbreak and program events
- Allows customization of multiple notification methods, including message box, pager, printer, Internet email, SNMP trap, or Windows NT event log

SYSTEM REQUIREMENTS

Scan Server (antivirus server)

- Microsoft™ Windows™ 2003 or Microsoft™ Windows™ 2000 Server/Advanced Server with Service Pack 3 (or above)
- TCP/IP, Microsoft NetWork (NetBIOS-Compatible Transport Protocol), and RPC services must be running on the installed Windows workstation/server
- 256 MB RAM or above recommended
- 70 MB free disk space
- Intel Pentium™ III processor 500MHz or faster (or equivalent)

Information Server (central management server)

- Microsoft Windows 2003, Microsoft Windows 2000 Server/Advanced Server with Service Pack 3 (or above)
- TCP/IP, Microsoft NetWork (NetBIOS-Compatible Transport Protocol), and RPC services must be running on the installed Windows workstation/server
- 256 MB RAM or above recommended
- 70 MB free disk space
- 90 MB free disk space if installing with Trend Micro Control manager agent
- Intel Pentium III processor 500MHz or faster (or equivalent)

Management Console

- Microsoft Windows 2003, Microsoft Windows 2000 Server/Advanced Server with Service Pack 3 (or above)
- TCP/IP, Microsoft NetWork (NetBIOS-Compatible Transport Protocol), and RPC services must be running on the installed Windows workstation/server
- Monitor with 800 x 600 or higher resolution

Network Appliance filers

- Network Appliance proprietary OS Data ONTAP 6.3.1 or above

TrendLabs™

24X7 ANTIVIRUS SUPPORT

Trend Micro products are backed by timely, high-quality service from TrendLabs™, a global network of five regional antivirus research and support centers with an ISO9001:2000-certified & COPC-2000 Standards-certified headquarters. A team of more than 250 engineers and antivirus specialists operate around the clock to monitor virus activity, develop information on new threats, and deliver prompt, effective strategies.

For more information about Trend Micro service and support, contact TrendLabs at <http://www.trendmicro.com/trendlabs>.

TREND MICRO

ENTERPRISE PROTECTION STRATEGY

Trend Micro™ Enterprise Protection Strategy (EPS) is a customer-driven approach designed to manage the outbreak lifecycle, from vulnerability prevention to malicious code prevention and elimination. Through coordinated delivery of industry-leading products, services, and threat-specific expertise from Trend Micro's global network of security experts, EPS helps organizations prevent viruses from exploiting vulnerabilities on the network, enforce security policies to control network access of devices, prevent or contain and eliminate viruses and remnants spreading through application and network layers, and centrally manage and integrate outbreak security actions. EPS has helped customers worldwide prevent malicious code attacks and minimize outbreak-related costs and damages.

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