TREND MICRO™ Securing Your Web World

Trend Micro™

ServerProtect™ for EMC Celerra™ and NetApp™ filers

Comprehensive Data Protection for Storage Appliances

In a networked environment, a single piece of malware can spread quickly, because it is difficult to quarantine infected users. The more that users share files by way of servers and storage systems, the greater the risk of network damage caused by infected files and of intellectual property theft by data stealing malware. With continuous expansion of data capacity, completing the full cycle of a scheduled scan can be a time consuming task for administrators. To effectively protect file storage systems, enterprises need comprehensive, real-time scanning capabilities which can take effect as users continuously access files from storage devices on the network.

Trend Micro™ ServerProtect™ is designed to provide network-wide, comprehensive antimalware scanning for the NetApp Filer and EMC Celerra lines of data storage systems. Managed through an intuitive, portable console, ServerProtect provides centralized malware scanning, cleanup, pattern file updates, and event reporting with enterprise-class performance and automation.

KEY FEATURES

Reliable Protection and Automatic Updates

- Features best-in-class scan engine technology with an extensive track record in protecting against viruses, worms, spyware, and trojans
- Provides high-performance security scanning via load balancing multiple servers to service a single or multiple storage devices
- Allows automatic downloads and distribution of malware pattern files, scan engines, and program files

Flexible and Centralized Administration

- Enables administrators to manage security 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 fine-grained administrative controls for scan actions, CPU optimization, and log management

Automates Scanning to Optimize Protection

- Automates security maintenance tasks such as configuration scanning, pattern and program file updating, compiling virus logs, and setting parameters for real-time scanning
- Scans and remediates compressed archives for malware without requiring unnecessary decompression
- Breaks up scheduled scan tasks to scan high-usage directories on a different frequency than low-use directories
- Reduces resource impact by analyzing traffic and resources to create custom RTS policies for different times of the day

Comprehensive Log Report and Event Notifications

- Displays the infection history of servers in a central log file
- Provides preliminary statistics of antimalware events, exporting logs to other programs for further analysis
- Notifies pre-defined recipients of malware infections and program events
- Allows customization of multiple notification methods, including message box, pager, printer, Internet email, SNMP trap, or Windows event log

High Availability Architecture for NetApp

- Integrates tightly with NetApp Filers and enables multiple or single scan server malware protection for multiple filers
- Employs a Cluster Failover Filer environment to enable other servers to take over scan requests if a server goes down
- Load balancing for scan request traffic with NetApp round-robin mechanism
- Enables automatic reconnection of the RPC bi-connection between the NetApp Filer and ServerProtect

SOFTWARE

Protection Points

- NetApp filers
- EMC Celerra storage servers

Threat Protection

- Viruses
- Worms
- Spyware
- Trojans

KEY BENEFITS

- Helps deliver real-time server protection against viruses, worms, spyware and Trojan attacks
- Permits multiple ServerProtect servers to storage or network appliances, increasing scalability and availability while lowering 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
- Granular policy management provides greater deployment flexibility and control
- Alerts administrators to virus outbreaks and emergencies to help reduce response time
- Provides 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™ is a global leader in the overall server-based antimalware software market, with antimalware products and services designed to maximize server security, while enhancing and complementing overall Enterprise Security. In addition, all Trend Micro products and services are backed by TrendLabs, a leading antimalware research and support center that monitors potential security threats worldwide, developing the means to identify, detect, and eliminate new viruses, worms, spyware, Trojans, and data-stealing malware.

MINIMUM SYSTEM REQUIREMENTS

EMC Celerra Storage Server

Operating Systems

- Microsoft™ Windows™ 2003/2003 R2 Standard/Enterprise with SP2 or above (x86 or x64)
- Microsoft Windows 2008/2008 R2 Standard/Enterprise (x86 or x64)
- Microsoft Windows 2008/2008 R2 Hyper-V Standard/Enterprise (x64)
- VMware ESX/ESXi 3.5/4.0

Normal Server

- 2.5-GHz Intel Pentium IV processor or 3.0-GHz EM64T Intel processor or 2.0-GHz AMD Athlon 64-bit processor (or equivalent)1GB RAM; 1GB disk space

Information Server

- 3.0-GHz Intel Pentium IV processor or 3.0-GHz EM64T Intel processor or 2.0-GHz AMD Athlon 64-bit processor (or equivalent)1GB RAM; 1GB disk space

Management Server

- 2.5-GHz Intel Pentium IV processor or 3.0-GHz EM64T Intel processor or 2.0-GHz AMD Athlon 64-bit processor (or equivalent)1GB RAM; 1GB disk space (servers) or 512 MB RAM; 500MB disk space (clients)
- EMC™ Celerra™ file serverCelerra Antivirus Agent (CAVA) 2.2.4 or above
- CEE 4.0.5.4 or higher

Network Appliance Filers

Operating Systems

- Microsoft™ Windows™ 2003/2003 R2 Standard/Enterprise with SP2 or above (x86 or x64)
- Microsoft Windows 2008/2008 R2 Standard/Enterprise (x86 or x64)
- Microsoft Windows 2008/2008 R2 Hyper-V Standard/Enterprise (x64)
- VMware ESX/ESXi 3.5/4.0

Normal Server

- 2.5-GHz Intel Pentium IV processor or 3.0-GHz EM64T Intel processor or 2.0-GHz AMD Athlon 64-bit processor (or equivalent)1GB RAM; 1GB disk space

Information Server

- 3.0-GHz Intel Pentium IV processor or 3.0-GHz EM64T Intel processor or 2.0-GHz AMD Athlon 64-bit processor (or equivalent)1GB RAM; 1GB disk space

Management Server

- 2.5-GHz Intel Pentium IV processor or 3.0-GHz EM64T Intel processor or 2.0-GHz AMD Athlon 64-bit processor (or equivalent)1GB RAM; 1GB disk space (servers) or 512 MB RAM; 500MB disk space (clients)NetApp Filers
- NetApp OS Data ONTAP 7.2 or above

ADDITIONAL SERVERPROTECT PRODUCTS

- ServerProtect for Linux
- ServerProtect for Microsoft™ Windows™ and Novell™ NetWare™

COMPLEMENTARY PRODUCTS AND SERVICES

- Trend Micro Deep Security
- Trend Micro Core Protection for Virtual Machines
- OfficeScan™ Client-Server Suite
- Trend Micro Endpoint Security Platform
- InterScan™ Messaging Security Solutions
- InterScan™ Web Security Solutions
- Trend Micro™ Premium Support Services

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