Symantec
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Product Brief

Symantec Protection Engine
For Network Attached Storage 8.2

At A Glance

Reduced Risk Profile

- Protect network storage devices from hosting and distributing malware.
- Defend against *living off the land* attacks where threat actors could use unprotected storage to stage their malware.
- Track files globally and apply reputation intelligence to NAS.

Industry-leading Protection

- File reputation service powers fast, scalable, and reliable anti-malware scanning.
- Advanced Machine Learning provides strong protection with a low false-positive rate.
- Disarm feature that removes threats from Potentially Malicious Content (PMC) embedded in incoming documents

Broad Application, Storage, and Platform Support

- Incorporated malware and threat detection technologies into NAS devices with broad device support from NAS vendors.
- A High-performance verdict engine highly scalable to accommodate the most demanding NAS environments.
- Two license models (per-user and per-TB) provide deployment flexibility for sizing and architecture without additional licensing charges.
- Secure storage is a critical aspect of keeping enterprises safe. Important business data, tools, and utilities residing on storage devices need malware protection, even if backed up or archived.

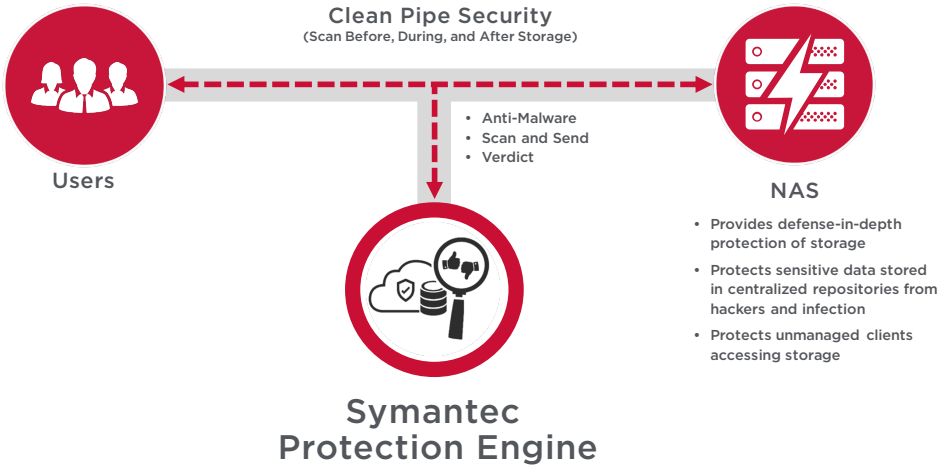
Scalable, High-Performance Threat Detection Services

Symantec™ Protection Engine (SPE) for Network Attached Storage 8.2 provides scalable, high-performance threat detection services to protect valuable data stored on network attached storage (NAS) devices. This product also improves scanning performance and detection capabilities to protect against multi-blended threats. SPE includes industry-leading Symantec malware protection with File Reputation technology, and Advanced Machine Learning to deliver fast, scalable, and reliable content scanning services. This helps organizations protect data and storage systems against the ever-growing malware threat landscape.

Symantec LiveUpdate™ automatically updates malware definitions and engines without interrupting scanning. Centrally distribute definitions to multiple deployments with the included Symantec LiveUpdate Administrator application.

Platform support spanning Microsoft Windows, Red Hat Enterprise Linux, and CentOS ensures market-leading malware detection wherever it is needed (Windows-only for NetApp).

Many storage vendors certify their platforms with Protection Engine for Network Attached Storage, including NetApp, Hitachi, Dell, and Nutanix, providing scalable and secure integration.



SPE for Network Attached Storage Enhancements

Flexible Management Options

- New Symantec hosted Cloud Console manage all SPE instances in a single console, included at no additional charge.
- On-premises Graphical User Interface (GUI) for one-to-one local management.
- Command-line management for on-demand scalability with script based configuration.

Increased Protection

- Symantec STARGate integration
- New Disarm feature:
  - Removes DDE, JavaScript, Macros, and Embedded Files from Office and PDF documents
  - Original file is quarantined for later retrieval as needed

Increased Usability/Productivity

- Support for large files > 2 GB

New Platform Support

- Open JRE
- Windows 2019
- RHEL/CentOS 8.0, 8.1 and 8.2 8.0

Key Features

- Rich, easy-to-use centralized console for managing and monitoring all instances
- Advanced Machine Learning capability
- Syslog support
- Out-of-box support for NetApp filers
- Detect both known and unknown malware using Symantec file reputation service technology
- Mobile data scanning capabilities for APK files
- AV Microdefs for smaller definition updates
- Reconstructs Office 2003/2007+ and PDF documents after removing active embedded content (meaning Macro, JavaScript),
- Supports secure ICAP for NAS devices which support it
- Specify both time and time ranges in LiveUpdate Triggers

Benefits

- Protect applications and storage from hosting and distributing malware
- High-performance scanning of files for viruses, malware, spyware, worms, and Trojans
- Easily integrates with third-party NAS devices via ICAP or RPC (NetApp only)
- Delivers statistical and detailed activity reports that can be viewed in HTML or exported to CSV format
- Delivers consumption reporting to illustrate how resources are being utilized
- Improved alerts allow event triggers to be sent via email or SNMP alerts when a predetermined number of events occur
- Improved logging captures and displays more event details

Advantages

- Leverages the next generation of Symantec threat detection technology
- Scalable solution with the ability to run multiple SPE for NAS servers in parallel and utilize most popular load-balancing solutions
- Support for multiple operating systems and mixed mode NetApp deployment
- Backed up by the Symantec Security Response organization
- R&D centers in every region of the world
- Supports Rapid Release virus definitions

System Requirements

Supported 64-bit Operating Systems

- Microsoft Windows 2019, 2016, 2012 R2, 2012
- Red Hat Enterprise Linux 7.x, 8.0
- CentOS 7.x, 8.0

Supported Virtualization Systems

- VMware vSphere Hypervisor 5.5 or later
- Microsoft Hyper-V Server 2019, 2016 2012 R2, 2012

Minimum Hardware Configuration

- Intel or AMD server-grade single processor quad-core system or higher
- 8 GB RAM or higher
- 40 GB hard disk space minimum available (60 GB hard disk space if using URL filtering)
- One NIC with static IP address running TCP/IP
- 100 Mb/s Ethernet link (1 Gb/s recommended)

For the latest Platform Support Matrix and documentation, see knowledge.broadcom.com/external/article?legacyId=INFO5084

Learn more about Symantec Protection Engine at broadcom.com/products/cyber-security/endpoint/hybrid-cloud/protection-engine

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