



Solution Brief

Dell Fluid File System v5 and Kaspersky Lab

High performance protection with Kaspersky Security for Storage

Benefits of Kaspersky Security for Storage

- Advanced anti-malware protection for corporate data storage
- Cloud-assisted security with Kaspersky Security Network (KSN)
- Supports dedicated tasks for critical system area scans
- Flexible scan configuration
- Scalable and fault tolerant
- Adaptable utilization of system resources
- Certified VMware-compatible
- Includes iSwift and iChecker antivirus scan optimization
- Centralized management via Kaspersky Security Center

The threat of viruses and other lethal malware remains a constant concern for many IT organizations. These threats can spread throughout an organization at terrifying speeds capitalizing on the interoperability of modern networks. It only takes a single infected file placed into the storage environment to risk exposing every node on the network. Dell and Kaspersky Lab are addressing this threat by certifying the Dell™ Fluid File System (FluidFS) on the FS8600 platform with Kaspersky Security for Storage.

Dell FluidFS storage offerings are open-standards-based, scale-out network-attached storage (NAS) solutions that meet the capacity, performance, reliability, flexibility and scalability requirements of modern data centers. Dell FluidFS Storage is connected to a backend SC Series array providing a unified block and file storage offering. This is all centrally managed using the Enterprise Manager console.

FluidFS on FS8600 provides integrated antivirus functionality that allows administrators to manage behavior from the Enterprise Manager interface such as file or directory paths to exclude from scanning or even exclude files by size. This can also be done from the Kaspersky Security for Storage console.

Together, FluidFS and Kaspersky Security for Storage helps protect organizations data from the spread of harmful malware and malicious virus code.

Kaspersky Security for Storage highlights

Proactive anti-malware technologies

Kaspersky Lab's latest anti-malware engine uses advanced techniques — including heuristic analysis — to deliver the highest levels of anti-malware protection for data storage.

Reliable security solution for storage

Whenever a file is launched or just modified, it's automatically scanned — suspicious objects are treated or deleted and quarantined for further analysis.

Backup of suspicious objects

When a suspicious object is detected, it's placed into quarantine — and, before any actions are performed on the object, an unmodified copy is placed into a backup storage.

Security with no impact on performance

Reduces scanning and configuration time and promotes load balancing, helping to optimize performance. The administrator can specify and control the depth, breadth and timing of scan activity, defining which file types and areas must be scanned. On-demand scanning can be scheduled for periods of low server activity.

Cloud assisted security

Kaspersky Security Network (KSN) is a complex distributed infrastructure dedicated to processing cybersecurity-related data streams from millions of voluntary participants around the world in real time. KSN communicates directly with your Kaspersky Security for Storage installation, delivering the highest levels of protection through identifying and responding almost instantaneously to known, unknown and even zero-day threats, while generating the lowest rates of false positives.

Flexible reporting

Reporting can be delivered via graphical reports or through reviewing Microsoft® Windows® or Kaspersky Security Center's event logs. Search and filtering tools provide quick access to data in large-volume logs.

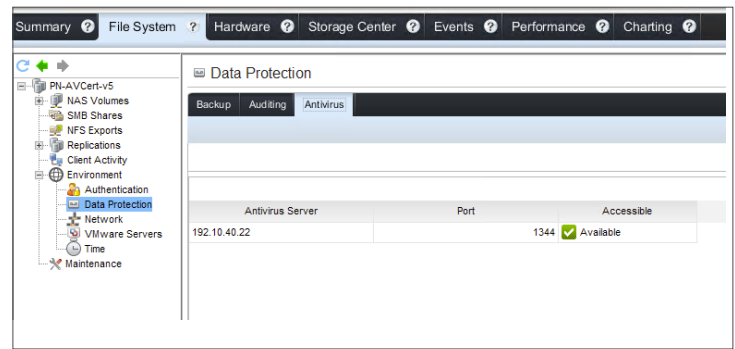
Easy-to-use, centralized management console

Kaspersky Security for Storage is supplied complete with Kaspersky Security Center — a centralized management console that supports remote installation and configuration and simplifies the management of day-to-day operation, updates and notifications.

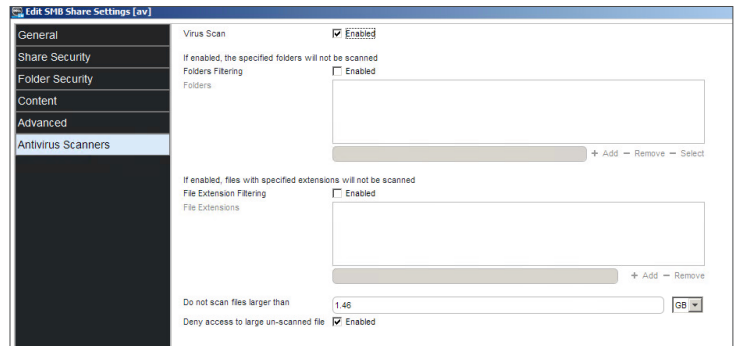
Reliable

Exceptional fault-tolerance is achieved through a straightforward architecture using unified components designed and built to work together flawlessly. The result is a stable, resilient solution which, if forced to shut down, will restart automatically for reliable and continuous protection.

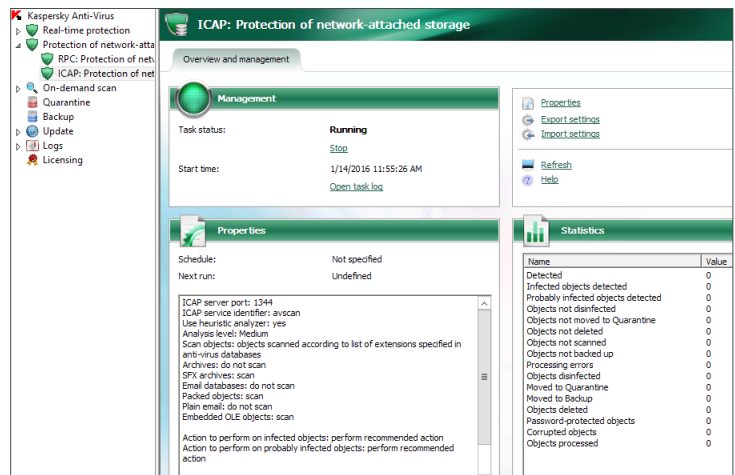
Learn more at www.kaspersky.com.



Dell Enterprise Manager



Defining virus scan behavior based on file extensions and folders



Kaspersky Security for Storage Console

About Kaspersky Lab

Kaspersky Lab is the world's largest privately held vendor of endpoint protection solutions. The company is ranked among the world's top four vendors of security solutions for endpoint users. Throughout its more than 17-year history Kaspersky Lab has remained an innovator in IT security and provides effective digital security solutions for large enterprises, SMBs and consumers. Kaspersky Lab, with its holding company registered in the United Kingdom, currently operates in almost 200 countries and territories across the globe, providing protection for over 300 million users worldwide.

