

8 best storage management and monitoring software

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Storage management software is a system that manages and protects a storage device, along with all the data contained therein. Storage management systems increase capacity and performance by providing data compression and data migration tools that make infrequent data used in low-cost storage locations.

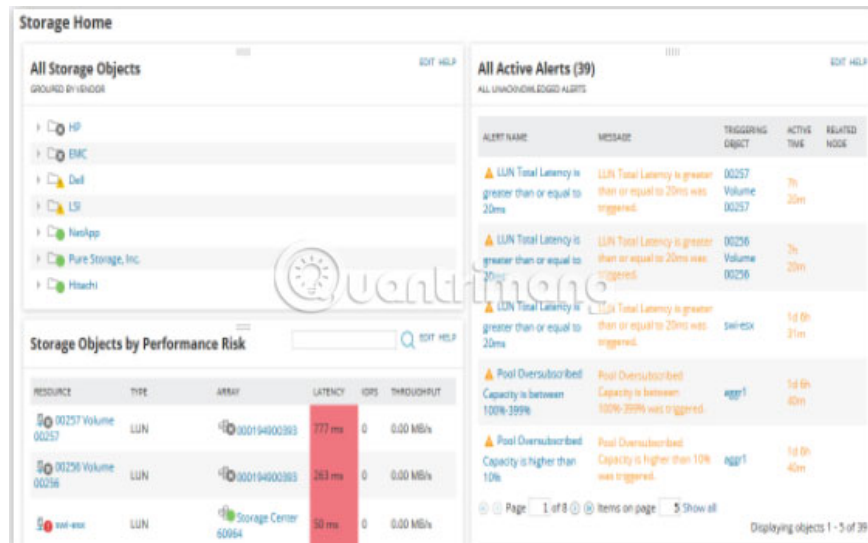
The storage management system also provides historical data on performance and usability to identify, as well as learn from past and present issues. These systems perform virtualization, data security and backup techniques such as mirrors (identical to full backups, except files can only be compressed / encrypted individually and only the latest version of stored files) and replication (remote backup).

A storage management software that benefits the entire network, from desktop users to server maintainers, by providing optimal efficiency and performance.

Here are the leading storage management and monitoring tools for 2019

1. Multi-Vendor Storage Performance & Capacity Monitor of Solarwinds
2. ManageEngine OpManager
3. PRTG Storage & SAN Monitoring
4. Nagios
5. SevOne
6. AppDynamics Storage Performance Monitor
7. PowerAdmin Storage Monitor
8. EG Enterprise

1. Multi-Vendor Storage Performance & Capacity Monitor of Solarwinds



This Solarwinds software has a smooth and comprehensive interface, providing real-time storage monitoring capabilities for many providers. It fully handles virtual and physical storage devices. Multi-Vendor Storage Performance & Capacity Monitor also has a number of preconfigured, customizable alert and monitoring options.

Through monitoring memory usage, Multi-Vendor Storage Performance & Capacity Monitor, help users get important information about memory usage to avoid problems and forecast content-related issues. amount. Multi-Vendor Storage Performance & Capacity Monitor has also expanded visibility into application layers and virtualized with the Application Stack environment (reflecting the software phases to deploy in different environments).

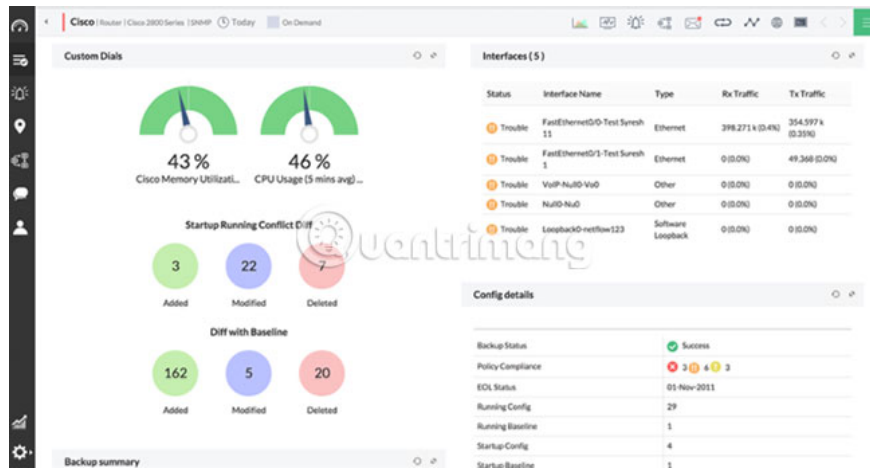
This tool helps users to easily switch between different providers and monitor multiple arrays with a single control panel. It also sends notifications to users and detects performance problems early. Multi-Vendor Storage Performance & Capacity Monitor comes with a 30-day free trial.

Some key features of Multi-Vendor Storage Performance & Capacity Monitor include:

1. More than 1200 application performance monitoring templates
2. Centralized management
3. Easy and fast installation
4. Built on the Solarion Orion platform
5. Automatically detect applications and infrastructure
6. Store information about system performance and health

Download Multi-Vendor Storage Performance & Capacity Monitor (30-day free trial version).

2. ManageEngine OpManager



ManageEngine OpManager provides a powerful and comprehensive monitoring solution to monitor network performance, detect errors on the network in real time, fix errors and eliminate downtime. ManageEngine OpManager is a powerful tool that supports the IT environment of many vendors and is scalable to suit user requirements.

ManageEngine OpManager allows users to gain visibility and control of the entire network infrastructure, via dashboards and charts that directly measure important data. This tool detects, identifies and fixes network problems with threshold-based alerts.

Users can set multiple thresholds for each performance metric and receive notifications. ManageEngine OpManager provides a quick fix based on network monitoring techniques such as creating alerts, reading or forwarding syslog and trap messages, etc.

This tool can be set in less than two minutes, with more than 100 integrated reports can be customized, scheduled and exported.

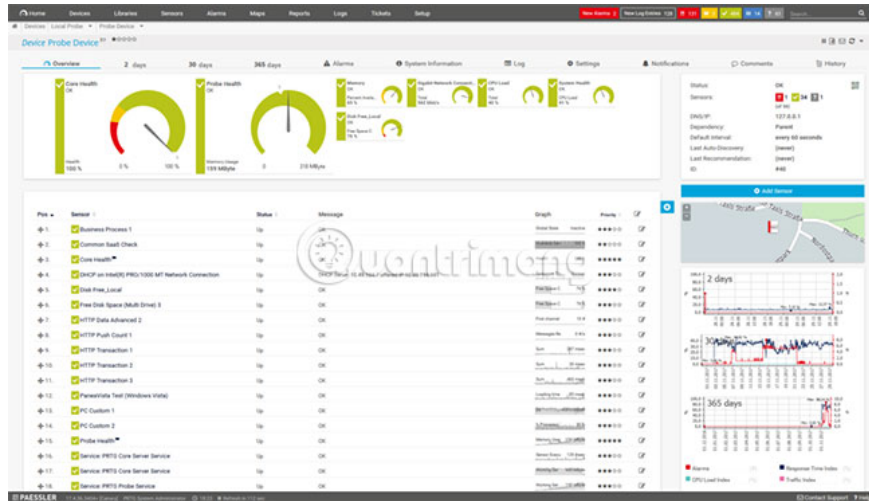
Some key features of ManageEngine OpManager are:

1. Automating IT workflows
2. Network configuration management
3. Server monitoring and virtualization
4. Create automatic layer 2 topology maps
5. Network traffic analysis

ManageEngine OpManager has a 30-day free trial for all three versions: **Essential** for \$ 715 (16,600,000VND) for 25 devices, **OpManager Plus** costs \$ 5,045 (117,000,000VND) for 50 devices and **Enterprise** costs \$ 19,795 (459,000,000 VND for 500 devices.

Download the trial version of ManageEngine OpManager.

3. PRTG Storage & SAN Monitoring



PRTG has come a long way to becoming a comprehensive solution of storage monitoring in the IT software sector. PRTG Storage & SAN Monitoring is able to monitor SAN (Storage Area Networks) together with NAS devices, physical drives, virtual drives and cluster drives (a group of sectors in the drive where files are organized).

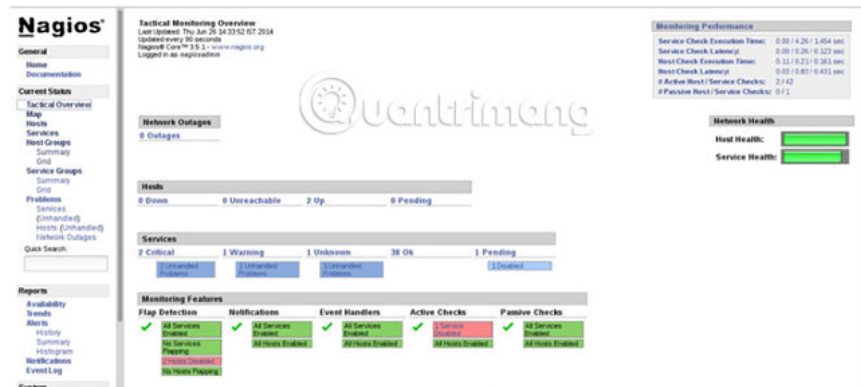
The reliability and availability of data becomes more important than ever in the computing and networking world, so pay attention to the information to reduce worries about not knowing what is going on, happens in the system.

Some key features of PRTG Storage & SAN Monitoring include:

1. Monitor all drive types (including NAS, SAN, physical, logical (virtual), cluster), input / output of drives and virtual disk storage solutions (VMWare, Hyper-V & XenServer))
2. Additional access management features for files, folders and sharing
3. Linux / Unix drive monitoring function
4. WMI, SNMP and SOAP to monitor the hard drive
5. Support for many vendors including Dell, NetAPP, EMC, QNAP, Synology, HP, IBM, LenovoEMC, Buffalo, etc.

Download PRTG Storage & SAN Monitoring.

4. Nagios



Nagios provides full monitoring features for storage systems - including folder size, disk usage level, file number, file presence, file size, etc. Nagios detects unsuccessful batch tasks and storage system problems. Nagios has advanced scheduling capabilities for system upgrades

Nagios reduces the risk of unexpected deactivation by early detection of potential, potential future risks. Nagios provides great flexibility and functionality.

Nagios main features include:

1. Advanced planning for system upgrades
2. Detection of failed batch tasks
3. Quickly detect storage system problems
4. Reduce the risk of unexpected deactivation
5. Nagios offers a free trial and paid packages starting at \$ 1995 (46,000,000VND) or more.

Download the trial version of Nagios.

5. SevOne



SevOne provides comprehensive reporting and monitoring capabilities for all components that contribute to the delivery of services and applications over the Internet. SevOne extends the ability to display network components, helping to reduce blind spots when troubleshooting.

SevOne monitors the complete I / O path - including server CPU, memory, host bus adapter, switch port and storage array. SevOne helps predict congestion and improve storage performance.

SevOne includes full SNMP support and has data collection scripts that allow users to support non-SNMP data (may indicate a potential problem). SevOne automatically sets the baseline of the normal operating storage environment, so that it can send alerts and assist users to solve problems, whenever the performance deviates from the expected behavior.

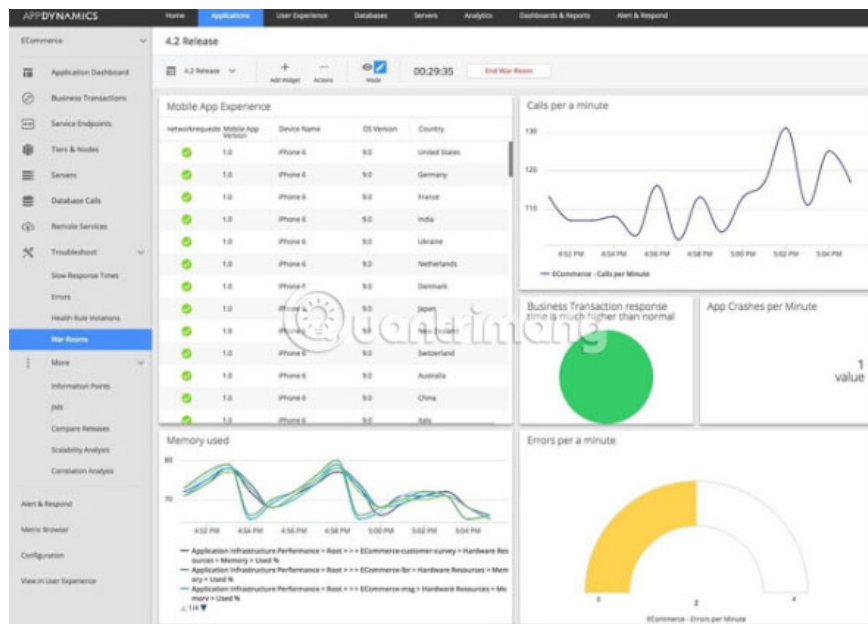
SevOne also maintains performance history within 1 year, so users always have detailed information about all events.

The main features of SevOne are:

1. Actively give warning
2. Instant report feature and expandable report
3. Complete NetFlow version compatibility
4. Display network connection status L2 / L3 in real time
5. The **Selective Discovery** feature automatically tracks selected detected objects

Download SevOne.

6. AppDynamics Storage Performance Monitor



AppDynamics has a fully featured and reliable option, covering the entire range of network-based monitoring and management, from applications, transactions, services, nodes, servers, database calls, remote services, etc.

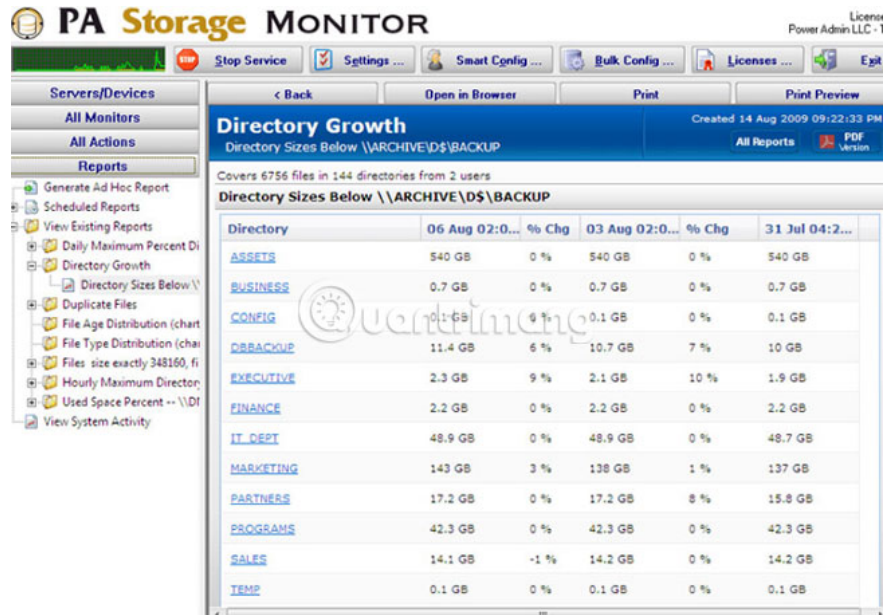
AppDynamics Storage Performance Monitor provides real-time visibility into inbound and outbound throughput (incoming and outgoing traffic), protocol activity and performance metrics for all servers across the network, making it easy Find out the cause of the problem quickly and solve the performance problem effectively. AppDynamics Storage Performance Monitor analyzes and alerts by tracking storage performance trends over time.

Some key features of the AppDynamics Storage Performance Monitor include:

1. AppDynamics APM automatically detects, maps and visualizes important services and components
2. Directly integrated with ServiceNow, PagerDuty and Jira allow immediate warning
3. Deep diagnostic capabilities, determine the root cause of the problem
4. Real-time correlation for data
5. AppDynamics offers a 15-day free trial.

Download the AppDynamics trial version.

7. PowerAdmin Storage Monitor



PowerAdmin is very compact and simple, focusing primarily on storage management. PowerAdmin Storage Monitor has the Disk Space Monitor feature, which allows users to add the desired driver and then set the warning threshold.

Users can also track specific folders that are mounted from a server or other device. PowerAdmin Storage Monitor has File System Analyzer to check a drive (local drive, network drive, etc.) and record information about each folder, file and owner. .

PowerAdmin tool can act as an intrusion detection system by monitoring all server changes. PowerAdmin Storage Monitor allows users to schedule reports to be generated automatically at the end of the data collection session, and send reports based on HTTP for viewing in the storage management software control panel or from a web browser.

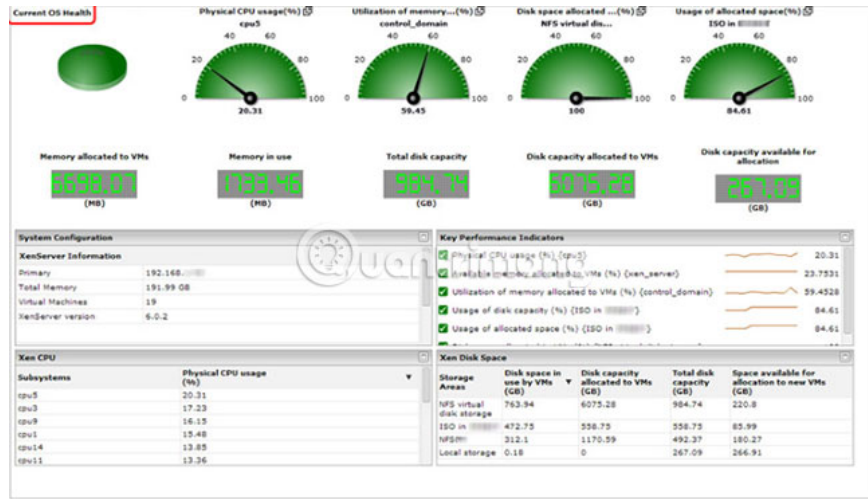
Some features of PowerAdmin Storage Monitor include:

1. Report on a rich schedule
2. Other types of alerts and actions are configurable
3. Monitor user and directory quota
4. Monitor specific file sizes
5. Monitor changes in files and folders
6. File system analysis based on reports
7. Monitor disk space

PowerAdmin Storage Monitor provides a 30-day free trial. The paid version is priced at \$ 250 (6,000,000 VND) or more with one year of support and maintenance included.

Download PowerAdmin Storage Monitor (free).

8. EG Enterprise



EG Enterprise storage monitor is a unified monitoring, diagnostic and reporting solution for storage infrastructure. Administrators can monitor all storage devices and relate storage performance correlations with other layers. All is done from the central web control panel.

EG Enterprise makes it easy to detect and fix situations that occur when storing, which causes performance disruptions. EG Enterprise provides a wide coverage and deep visibility into the components of the storage system: fiber channel switch, host port, controller (controller), LUN, physical drive, memory cache and host.

EG Enterprise provides history of trends, baselines and reports to help calibrate existing infrastructure and plan for future developments. The monitoring function of EG Enterprise can reveal anomalies in any temperature sensor and UPS.

EG Enterprise isolates storage performance bottlenecks by performing health checks on all device ports, drive groups, etc. EG also offers a free trial version.

Some key features of EG Enterprise are:

1. Ability to display comprehensive performance
2. Monitor user experience
3. Track web transactions handled by applications and display them in flow charts
4. Provide detailed information in the intuitive control panel
5. Support applications and cloud infrastructure
6. Automatically detects objects in the network and presents them as visual maps
7. Automatically diagnose root cause

Download EG Enterprise (free trial version).

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