

PRTG NETWORK MONITOR FOR VMWARE

Comprehensive Monitoring for Your VMware Host, Guests, Datastore, and Network, from Paessler, the Network Monitoring Company

VMware Monitoring from the Monitoring Experts

PRTG has been a VMware certified technology partner for years, and with good reason. PRTG Network Monitor, our award-winning monitoring software, is used by IT experts in all industries to keep an eye on their entire infrastructure.

VMware monitoring has never been easier: prebuilt PRTG sensors for VMware hosts, guests, and datastores keep an eye on your VMware infrastructure 24x7 and alert you whenever something needs your attention. In addition to the specialized VMware sensors, PRTG sensors for network traffic, disk space, CPU load, NetFlow, and many others provide even more detailed information about the health of your virtualized environment.

Paessler uses VMware in our own environment, every day, which provides us with a deep understanding of an administrator's needs and problems with respect to VMware monitoring and has guided the development of our VMware monitoring: from experts, for experts.

“Three times this week PRTG alerted us to issues before they became an issue to users. Worth its weight in gold.”

JARED LANCASTER
CHIEF TECHNICAL OFFICER
AVM VISION

Why Monitor VMware?

Ongoing, real-time monitoring delivers important performance data about your virtual machines, including parameters such as CPU load, memory usage, and downtime, for your physical hosts and for each virtual machine. You always have the most recent performance and availability data at your fingertips.

Virtualization is a critical component of most IT environments, because it's an effective way to reduce expenses while boosting efficiency and flexibility. However, these benefits are greatly reduced if some hosts are overloaded while others sit idle. PRTG tells you which machines are overloaded and which have extra capacity, allowing you to improve load distribution and to optimize operational efficiency.

Likewise, PRTG's VMware datastore sensors provide real-time statistics about your total storage capacity, the total amount provisioned, and the amount currently in use, allowing you to react to an impending issue before it affects your users.

Standardized Protocols for Reliable VMware Monitoring

The prebuilt PRTG sensors for VMware rely on either Simple Object Access Protocol (SOAP) or web-based enterprise management (WBEM) for communication between PRTG and your VMware servers. Both of these protocols are industry standards, which PRTG uses to query VMware for status information.

PRTG uses two main methods to query VMware servers:

- Query a VMware ESX® or VMware ESXi™ host server to monitor the host and the virtual machines running on it
- Query a VMware vCenter® server to monitor all of the virtual machines being managed by the vCenter server

PRTG NETWORK MONITOR

PRTG Network Monitor is all-inclusive unified monitoring software that ensures the availability of your entire IT infrastructure. It measures uptime, usage, and traffic with a single vendor-neutral solution. It combines a comprehensive set of monitoring features, an easy-to-use intuitive interface, and a state-of-the-art monitoring engine. It monitors uptime, usage, and traffic, allowing you to save costs by avoiding outages, optimizing your IT infrastructure, saving time, and controlling your SLAs. PRTG gives you complete control over your network, as proven in more than 200,000 installations worldwide. The software includes more than 200 prebuilt sensors specifically designed for monitoring networks, servers, storage, virtual environments, websites, email servers, applications, databases, and many others. The sensors are agentless and rely only on standard IT protocols such as SNMP and HTTP. Custom sensors for nonstandard devices can be added easily, and the software includes an API for integration with third-party tools. PRTG is suitable for networks of any size and in any industry, and it provides vendor-neutral monitoring of your entire IT infrastructure in a single package. PRTG includes the entire monitoring functionality in every license with no add-ons and no hidden costs. PRTG comes with specialized, prebuilt sensors for VMware.

The following prebuilt sensors are available for VMware:

For Virtual Machines

- VMware Virtual Machine Sensor (SOAP)

For Hosts

- VMware Host Hardware Sensor (WBEM)
- VMware Host Hardware Status Sensor (SOAP)
- VMware Host Performance Sensor (SOAP)

For Datastores

- VMware Datastore Sensor (SOAP)

Figure 1 shows a performance dashboard.

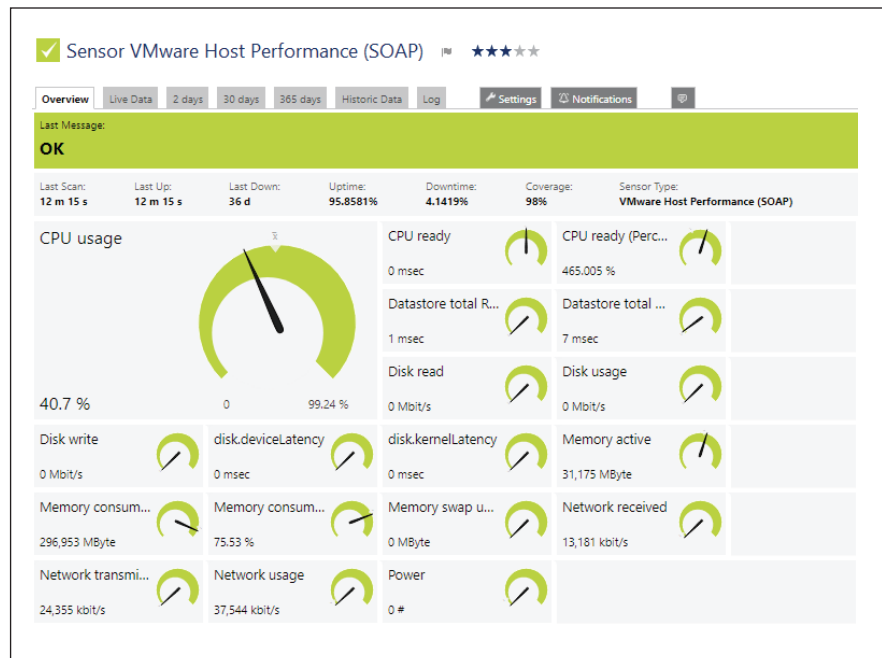


Figure 1. Performance Dashboard

VMware Monitoring as Part of the Larger Picture

Although VMware is obviously a critical part of your IT infrastructure, your VMware performance depends on additional external factors, which should also be included in your monitoring. Using PRTG, you can monitor your entire stack, from hardware to user experience, including

- The underlying hardware – For example, using SNMP traffic sensors to monitor bandwidth usage.
- The host server hardware – For example, using VMware host sensors to monitor host performance.

PAESSLER

With PRTG, Paessler is developing a monitoring solution that helps IT professionals monitor their entire infrastructure around the clock.

VMware monitoring allows you to keep a constant eye on important performance data of your virtual machine. This includes parameters such as CPU load, memory usage, and downtime. By monitoring VMware, you are always up to date about the performance of your virtual machines.

SEE OUR SOLUTION IN THE VMWARE SOLUTION EXCHANGE

<https://solutionexchange.vmware.com/store/products/prtg-network-monitor>



- The virtual machines from the “outside” – For example, using VMware virtual machine sensors to monitor guest virtual machine performance.
- The virtual machines from the “inside” – For example, using Windows or Linux sensors to monitor the operating system.
- The applications running on those virtual machines – For example, using process sensors to monitor the health of the software running in those virtual machines.
- User experience for those applications – For example, using HTTP sensors to monitor response time for web applications.

Try It for Free

To learn more about how easy VMware monitoring is with PRTG Network Monitor, download a free trial at <https://www.paessler.com/download/prtg-download> or contact sales@paessler.com or from your VMware partner or sales representative.

