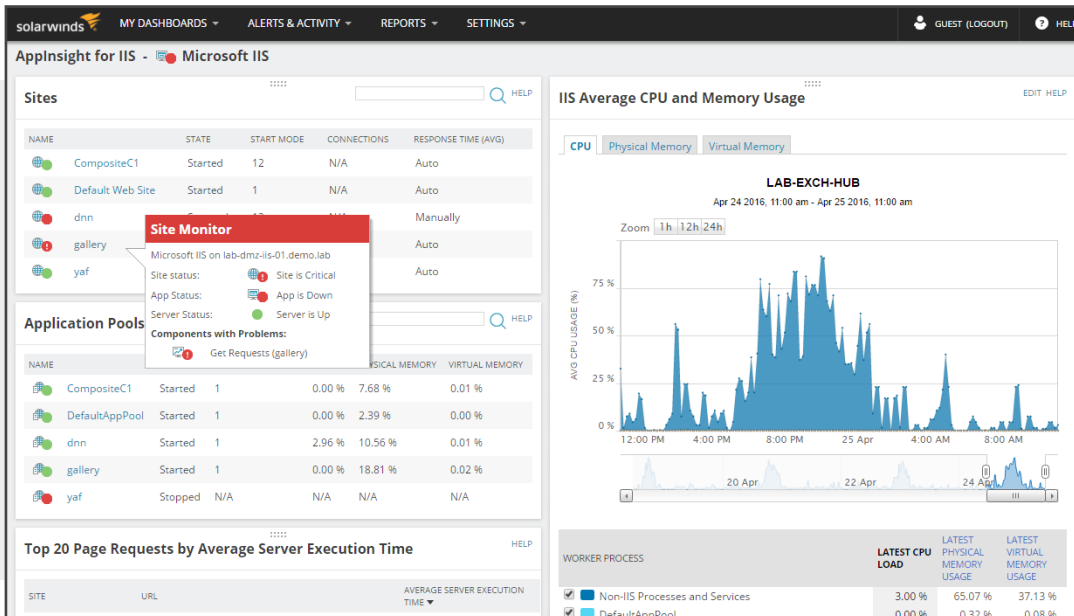solarwinds

Server & Application Monitor
Detect and Troubleshoot Performance Issues Faster

> *SolarWinds Server & Application Monitor is the best monitoring tool I have ever experienced. Go for it—best product and best technical support on earth.*
>
> – Haffizuddin Syed Khaja, iGATE Global Solutions Limited

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SolarWinds® Server & Application Monitor (SAM) is designed to monitor your applications and their supporting infrastructure, whether running on-premise, in the cloud, or in a hybrid environment. Don't let slow applications and downtime impact your end-users and business services. Pinpoint the root cause of application issues across various layers of the IT stack.

Automatically discover your application's environment and start monitoring typically in about an hour. No professional services or consultation needed.

SERVER & APPLICATION MONITOR AT A GLANCE

» Monitor your entire on-premise, cloud, or hybrid application environment from one tool.

» 1,200+ application monitoring templates.

» Help accelerate problem identification and resolution with cross-stack IT data correlation. Isolate root cause of issues by visualizing application relationship with underlying infrastructure layers.

» Supports monitoring applications in the cloud via an agent, agentlessly, and by using information from your cloud provider's APIs.

» Monitor server hardware and cloud instance health, perform capacity forecasting, and manage asset inventory.

» Visualize and map the dynamic communication-based relationships between applications and servers so you can discover network issues that slow down your applications.

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FEATURES

Application Availability and Performance Monitoring

SolarWinds Server & Application Monitor supports monitoring over 1,200+ application templates right out of the box, including Windows®, Linux®, Java®, Active Directory®, SharePoint®, Citrix®, Office 365® Exchange™ accounts, and more. You can easily extend monitoring to any custom or home-grown applications, and leverage your existing scripts to build new monitors.
See supported applications »

Application Infrastructure Dependency Mapping

The built-in AppStack™ dashboard is designed to give you a contextual view of how applications are linked to other components within the IT infrastructure, including servers, virtual machines, and storage systems. Easily visualize application dependencies across various layers of the IT stack to help discover the root cause of application issues faster. Learn More »

Accelerate Problem Identification and Resolution with Cross-Stack IT Data Correlation

Whether you are looking at network interface utilization, application performance counters, VM host memory utilization, or storage IOPS, the PerfStack™ dashboard can give you the ability to compare these data types side by side. Simply drag and drop the metrics of interest to the chart, and the PerfStack dashboard can overlay them for easy correlation and performance analysis in real time. See PerfStack topics page »

Monitor Cloud Applications

SolarWinds SAM is an agentless software that is designed to monitor applications, servers, and your virtual infrastructure on-premises. The optional agent deployment can extend monitoring to the cloud, such as Amazon EC2®, Microsoft® Azure®, and Rackspace®. SAM can automatically discover and monitor new AWS® instances and Azure Services when they're launched from a cloud account. It also allows you to monitor them as nodes with additional metrics in a unified dashboard.

Additionally, the agent helps monitor servers in remote locations (DMZ, behind NAT/firewall, over WAN, satellite connection, etc.), where agentless polling would be difficult.
SAM also provides container monitoring for Docker®, Kubernetes®, and Mesos®.

Dynamic Maps

SolarWinds SAM helps you determine when any application slowdown is caused by the application itself or a problem with dependent systems or infrastructure. SAM can automatically discover the relationships between applications and servers, based on active application communication, and can collect network connection statistics, such as packet loss and latency. You can monitor the flow of data between applications, processes, and nodes, and discover any network-related issue before it escalates and influences your end-users. Learn More »

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" The AppInsight templates are very useful. As a system administrator, we don't always know what type of metrics we should be monitoring, and SolarWinds AppInsight templates take the guesswork out of monitoring things like SQL and IIS. "

— Chris Guerrero,
Technician III, King
Jesus Ministries

Deep Monitoring of Microsoft Exchange, IIS, and SQL Server

The built-in AppInsight™ monitoring templates are designed to deliver deep visibility to help you identify complex performance issues in Microsoft Exchange, IIS™, and SQL Server®.

» Exchange: View mailbox database status and storage, identify replication issues, and monitor user mailbox activity

» IIS: Monitor availability of websites and application pools, report SSL certificate expiration, and perform remote actions to start/stop application pools

» SQL Server: Monitor connections, sessions, database transactions, disk I/O, storage, latches, locks, SQL agent job status, expensive queries by CPU time, and more

Server Performance Monitoring

Help ensure peak server performance by monitoring the key performance metrics of your multi-vendor server infrastructure, including HP®, Dell®, IBM®, and more.

» Monitor availability, response time, and hardware health of multi-vendor physical and virtual servers

» Track CPU, memory, and disk usage, and forecast when capacity will run out

» Remotely remediate server issues, including terminating runaway processes, starting/stopping services, rebooting servers, etc.

Server Volume Monitoring and Capacity Planning

Monitor server storage volumes, disk usage, and capacity metrics out of the box. Integration with SolarWinds Storage Resource Monitor can provide deeper insight to help troubleshoot storage issues in SAN and NAS environments.

Built-in Virtualization Monitoring

Alongside physical servers, monitor health and availability of VMware® and Hyper-V® virtual hosts and guests. SolarWinds SAM helps you identify if an application issue is due to the virtual environment or another part of your environment. Integration with SolarWinds Virtualization Manager can provide deeper insight to troubleshoot virtualization issues.

IT Asset Inventory Management

Administrators can now maintain a centralized view of current hardware and software asset inventory to include server warranty status, driver software, hard drive inventory, and custom properties, such as PO number and purchase price.

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We are able to monitor almost anything in our physical data centers. Being able to provide metrics and historical data for our customers is also very useful.

— Jack Vaughan Jr.,
Systems Engineer,
Connectria Hosting

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Correlated Alerts and Performance Reporting

Get actionable information at the right time with advanced alerting, expert advice, and an easy-to-use web interface. Focus your attention on real problems with intelligent alerts based on parent and child dependencies and baseline data. Quickly configure alerts for correlated events, sustained conditions, and complex combinations of device states. In addition, get access to over 100 web-based reports that are built to be ready to use, easy to customize, and can be shared immediately.

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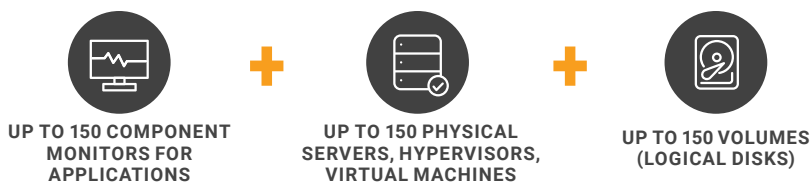## INTEGRATION WITH OTHER SOLARWINDS PRODUCTS

SolarWinds SAM is part of the IT management software on the SolarWinds Orion® Platform. SAM can seamlessly integrate with other products on the Orion Platform, including Network Performance Monitor, Virtualization Manager, Storage Resource Monitor, and Web Performance Monitor, for unified IT monitoring.

LICENSING

SolarWinds SAM is licensed by the number of component monitors, which is any measurement of application health and availability. Examples of component monitors include a performance counter, a service, a process, a URL, and so on.

For each license tier, in addition to component monitors for applications, you can monitor physical servers, hypervisors, and disk volumes at no extra cost.

View licensing guide »

UP TO 150 COMPONENT MONITORS FOR APPLICATIONS **+** **UP TO 150 PHYSICAL SERVERS, HYPERVISORS, VIRTUAL MACHINES** **+** **UP TO 150 VOLUMES (LOGICAL DISKS)**

SYSTEM REQUIREMENTS

HARDWARE	MINIMUM REQUIREMENTS
CPU	2.5GHZ
Memory	6GB
Hard Drive	20GB minimum

SOFTWARE	MINIMUM REQUIREMENTS
Operating System	Windows Server®, 2012, 2012 R2, 2016
.NET FRAMEWORK	Version 4.6.2
Database	Supports Express, Standard, or Enterprise versions of the following: • SQL Server® 2012, 2012 SP1, 2012 SP2, or 2012 SP3 • SQL Server 2014, or 2014 SP1 • SQL Server 2016, or 2016 SP1 • SQL Server 2017
Web Server	Microsoft IIS, version 8.0

These are minimum system requirements. See the Release Notes for full specifications.

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After deploying SolarWinds SAM, we are able to react and resolve down applications before the customer has time to call the Service Desk or open a trouble ticket.

— Don Ward, IT Manager, TopBuild Corp

TRY BEFORE YOU BUY. DOWNLOAD A FREE TRIAL!

Don't just take our word for it. At SolarWinds, we believe you should try our software before you buy. That's why we offer free trials that deliver full product functionality. Simply download and install the software, and take a break while SolarWinds Server & Application Monitor discovers your applications and servers. When you get back, your application and server monitoring environment will be waiting for you—complete with out-of-the-box dashboards, alerts, reports, and more. It's that simple.

ABOUT SOLARWINDS

SolarWinds is a leading provider of powerful and affordable IT infrastructure management software. Our products give organizations worldwide, regardless of type, size or IT infrastructure complexity, the power to monitor and manage the performance of their IT environments, whether on-premise, in the cloud, or in hybrid models. We continuously engage with all types of technology professionals – IT operations professionals, DevOps professionals and managed service providers (MSPs) – to understand the challenges they face maintaining high-performing and highly available IT infrastructures. The insights we gain from engaging with them, in places like our THWACK online community, allow us to build products that solve well-understood IT management challenges in ways that technology professionals want them solved. This focus on the user and commitment to excellence in end-to-end hybrid IT performance management has established SolarWinds as a worldwide leader in network management software and MSP solutions. Learn more today at www.solarwinds.com.

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CONTACT US

AMERICAS
Phone: 866.530.8100
Fax: 512.682.9301
Email: sales@solarwinds.com

US FEDERAL
Phone: 877.946.3751
Email: federalsales@solarwinds.com

EMEA
Phone: +353 21 5002900
Fax: +353 212 380 232
Email: sales@solarwinds.com

APAC
Phone: +65 6593 7600
Fax: +65 6593 7601
Email: sales@solarwinds.com

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For product information about SolarWinds Server & Application Monitor, visit solarwinds.com/server-application-monitor. 7171 Southwest Parkway | Building 400 | Austin, Texas 78735

For additional information, please contact SolarWinds at 866.530.8100 or email sales@solarwinds.com. To locate an international reseller near you, visit solarwinds.com/partners/reseller_locator.aspx