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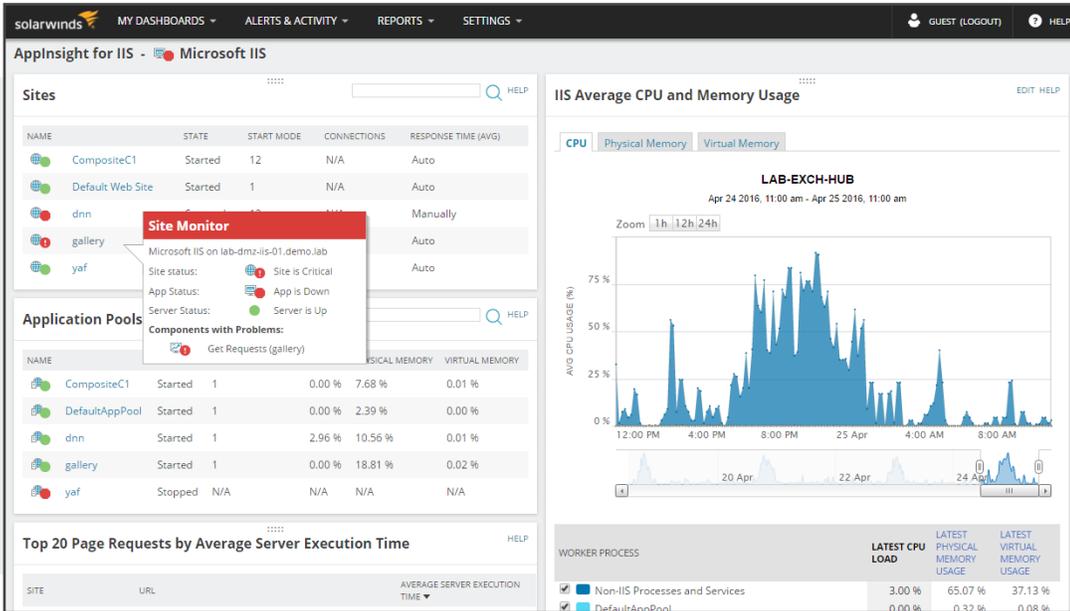# Server & Application Monitor
Detect & Troubleshoot Performance Issues Faster

SolarWinds® Server & Application Monitor (SAM) monitors your applications and their supporting infrastructure, whether they are running on-premises, in the cloud, or in a hybrid environment. Do not 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 applications' environment and start monitoring typically in about an hour. No professional services or consultation needed.

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SERVER & APPLICATION MONITOR AT A GLANCE

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

» Out-of-the-box monitoring templates for 200+ enterprise applications.

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

» Monitor 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.

FEATURES

Application Availability & Performance Monitoring

SolarWinds SAM supports monitoring over 200 enterprise applications right out of the box, including Windows®, Linux®, Java®, Active Directory, SharePoint®, Citrix®, 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 Dependency Mapping

Using the built-in AppStack™ dashboard, you get 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 you 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 gives 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 will overlay them for easy correlation and performance analysis. See PerfStack topics page »

Monitor Cloud Applications

SolarWinds SAM is an agentless software that you can use to monitor applications, servers, and your virtual infrastructure on-premises. The optional agent deployment extends monitoring to the cloud, such as Amazon EC2®, Microsoft® Azure®, and Rackspace®. The agent also helps monitor servers in remote locations (DMZ, behind NAT/firewall, over WAN, satellite connection, etc.), where agentless polling would be difficult.

Deep Monitoring of Microsoft Exchange, IIS and SQL Server

The built-in AppInsight™ monitoring templates 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.

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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

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Server Performance Monitoring

Ensure peak server performance by monitoring 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 & Capacity Planning

Monitor server storage volumes, disk usage, and capacity metrics out of the box. Integration with SolarWinds Storage Resource Monitor provides deeper insight to 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 provides 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.

Correlated Alerts & 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 ready to use and easy to customize and share immediately.

INTEGRATION WITH OTHER SOLARWINDS PRODUCTS

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

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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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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, or a process, a URL, and so on.
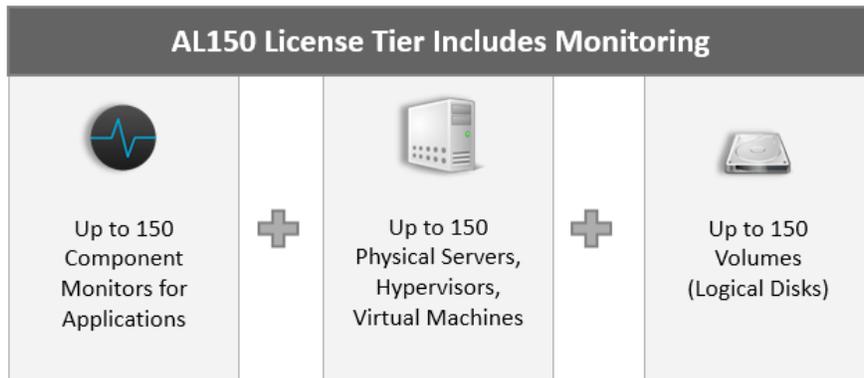
For each license tier, in addition to component monitors for applications, you will be able to monitor physical servers, hypervisors, and disk volumes at no extra cost.

View licensing guide »

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AL150 License Tier Includes Monitoring

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	2.4GHZ
Memory	4GB
Hard Drive	4GB

SOFTWARE	MINIMUM REQUIREMENTS
Operating System	Windows Server® 2008 R2 SP1, 2012, 2012 R2
.NET FRAMEWORK	Version 4.5
Database	Supports Express, Standard, or Enterprise versions of the following: • SQL Server 2008, 2008 SP1, 2008 SP2, 2008 SP3, or 2008 SP4 • SQL Server 2008 R2, 2008 R2 SP1, 2008 R2 SP2, or 2008 R2 SP3 • SQL Server 2012, 2012 SP1, 2012 SP2, or 2012 SP3 • SQL Server 2014, or 2014 SP1 • SQL Server 2016
Web Server	Microsoft® IIS, version 7.5 and higher, in 32-bit mode

These are minimum system requirements. See the Getting Started Guide for full specifications.

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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!

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ABOUT SOLARWINDS

SolarWinds provides powerful and affordable IT management software to customers worldwide, from Fortune 500® enterprises to small businesses, managed service providers (MSPs), government agencies, and educational institutions. We are committed to focusing exclusively on IT, MSP, and DevOps professionals, and strive to eliminate the complexity that our customers have been forced to accept from traditional enterprise software vendors. Regardless of where the IT asset or user sits, SolarWinds delivers products that are easy to find, buy, use, maintain, and scale while providing the power to address key areas of the infrastructure from on-premises to the cloud. This focus and commitment to excellence in end-to-end hybrid IT performance management has established SolarWinds as the worldwide leader in both network management software and MSP solutions, and is driving similar growth across the full spectrum of IT management software. Our solutions are rooted in our deep connection to our user base, which interacts in our THWACK® online community to solve problems, share technology and best practices, and directly participate in our product development process. Learn more today at www.solarwinds.com.

"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

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To locate an international reseller near you, visit http://www.solarwinds.com/partners/reseller_locator.aspx