

# SolarWinds Application-Centric Monitor

The screenshot displays the SolarWinds Application-Centric Monitor interface. On the left, a tree view shows 'All Applications' grouped by template type, with a detailed view for 'LAB-SAM-EXC3-01' showing its status as 'Up' and various performance metrics like CPU load (27%) and memory usage (78%). The top right features an 'Application Health Overview' pie chart and a summary table: Application Count: 161 (102 Up, 7 Warning, 18 Critical, 24 Down, 6 Unknown, 4 Other). Below this, 'Cloud Server Infrastructure' shows accounts like 'TestAccount' and 'JM-Corp'. The 'Cloud Asset Summary' section provides details for AWS (21 instances, 13 running, 8 stopped) and Azure (3 VMs, 3 running).

SolarWinds® Application-Centric Monitor (ACM) monitors your applications, web-based transactions, and their supporting infrastructure, whether they are running on-premises, 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. Scale as needed with additional polling engines that allow you to monitor your enterprise-level systems environment. Automatically discover your applications' environment and start monitoring in typically an hour—no professional services or consultation required.

“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



## APPLICATION-CENTRIC MONITOR AT A GLANCE

- » Monitor your entire on-premises, cloud, or hybrid application environment from one tool
- » Monitoring templates for 1,200+ enterprise applications and systems
- » Accelerate problem identification and resolution with cross-stack IT data correlation
- » Isolate root cause of issues by visualizing application relationship with underlying infrastructure layers
- » Perform synthetic transaction monitoring for internal and external web application performance troubleshooting
- » Monitor applications in the cloud via an agent, agentlessly, or the cloud provider's APIs
- » Monitor server hardware and cloud instance health, perform capacity forecasting, and manage asset inventory
- » Record and proactively troubleshoot end-user experience for web based applications
- » Record and replay complex, multi-step web transactions without scripting
- » With ACM built on the Orion® Platform, you can scale to monitor hundreds of thousands of application and servers, and poll across multiple and locations with scalability engines to improve performance

## FEATURES

### Application Availability and Performance Monitoring

SolarWinds Server & Application Monitor (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

The built-in AppStack™ dashboard gives 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.

[Learn More »](#)

“*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

## 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 lets you 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

## Server Performance Monitoring

Help 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 and Capacity Planning

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

“ 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

## 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 (VMAN) 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 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 ready to use and easy to customize and share.

## Monitor Internal, SaaS-Based and Customer-Facing Web Apps

Easily monitor web applications such as CRM, ERP, HR, supply chain, help desk, intranet, etc. Because Web Performance Monitor is installed within your firewall, monitoring an internal company website is secure, and no agents are required.

## API/Web Service/SaaS Application Performance

Modern web applications connect to third-party applications for added functionality. With SolarWinds website-monitoring software, you can quickly recognize if web services are causing a slow user experience.

## Troubleshoot With Detailed Load Time Metrics

Use TCP waterfall charts to quickly identify what page elements are taking the most time to load. Monitor website elements such as HTML, CSS, JavaScript®, images, etc., as well as their overall performance and load metrics. Get notified if images are not matching and for incomplete or slow transactions that affect app performance.

## Easy-to-Use Transaction Recorder

Quickly and easily record complex, multi-step transactions with no scripting involved. Web Performance Monitor is flexible and lets you monitor transactions from wherever you want, including locations within your firewall or from your Amazon EC2 instances.

“ I can see everything from one view. Earlier we needed to have two instances, two alerting, two everything. Now monitoring is much faster.

”

— IT/Systems Administrator, Global 500 Computer Software Company

## Enterprise Scalability

With ACM built on the Orion® Platform, you can easily scale to monitor hundreds of thousands of elements, and poll across multiple pollers and locations to improve performance. ACM already includes as many additional polling engines as you need to cover all elements in your systems environment.

## INTEGRATION WITH OTHER SOLARWINDS PRODUCTS

SolarWinds ACM is part of the SolarWinds Orion Platform line of IT management software. ACM seamlessly integrates with other Orion products, including [Network Automation Manager](#), [Network Operations Manager](#), [Network Performance Monitor](#), [Virtualization Manager](#), and [Storage Resource Monitor](#) for unified IT monitoring.

## LICENSING

SolarWinds ACM is licensed by the number of nodes that will be monitored. A node is defined as a server, virtual machine, virtual host, or OS instance.

It does not matter how many applications or transactions run on the server, or how many metrics do you monitor on the server. It is simply one node.

## SYSTEM REQUIREMENTS

HARDWARE	MINIMUM REQUIREMENTS
Hard Drive	30 GB
Memory	32 GB
CPU	Quad core, 3.0 GHz or better
SOFTWARE	MINIMUM REQUIREMENTS
OS	Windows Server® 2008 R2 SP1, 2012, 2012 R2, 2016
.NET FRAMEWORK	Version 4.5
Databases	Supports Express, Standard, or Enterprise versions of SQL Server 2008, 2012, 2014 or 2016

“ We are able to react to and resolve “down” applications before the customer has time to call the services 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 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 participate in our product development process. Learn more today at [www.solarwinds.com](http://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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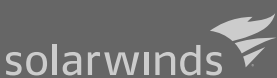
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