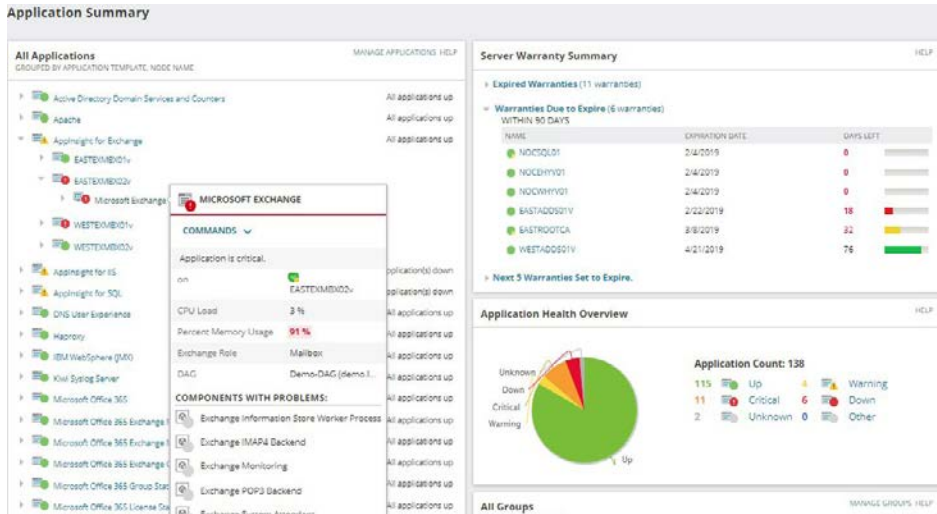


# Server & Application Monitor

## Detect and Troubleshoot Performance Issues Faster



“SolarWinds Server & Application Monitor is a very robust solution for Server and APM, and best technical support on earth.”

– Lee A, CIO  
Kinetic Credit Union

*SolarWinds® Server & Application Monitor (SAM) is designed to monitor your applications and their supporting infrastructure, whether 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.*

*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-premises, cloud, or hybrid application environment and infrastructure from one tool.
- 1,200+ application, system, and infrastructure monitoring templates. 1,000+ community templates and custom template creation, leveraging multiple protocols/approaches (REST API, WMI, SNMP, PowerShell).
- Comprehensive monitoring for Microsoft® applications, systems, hypervisor, IaaS, PaaS, and SaaS products.
- Visualize and map the dynamic communication-based relationships between applications and servers, so you can discover network issues slowing down your applications.



## FEATURES

### Application Availability and Performance Monitoring

Over 1,200 application, system, infrastructure, and cloud templates, including Windows®, Linux®, Java®, Active Directory®, SharePoint®, Citrix®, Office 365® accounts, and more. You can easily extend monitoring to custom or home-grown applications and leverage your existing scripts to build new monitors.

### 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.

### Monitor Cloud Applications

SAM's agent and agentless deployment can be extended to monitor IaaS environments, such as Azure® and AWS, PaaS services for Microsoft Azure, and SaaS services for Office 365. SAM also provides container monitoring for Docker®, Kubernetes®, and Mesos®.

### Dynamic Maps

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.

### Deep Monitoring of Microsoft Active Directory, 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®.

- **Active Directory:** Get detailed AD statics, such as replication, FSMO roles, site details with subnets, user and computer events, logon events, process and services details, and more
- **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

“ 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

### Cross-Stack IT Data Correlation

Accelerate identification of root cause by dragging and dropping network performance metrics on a common timeline for immediate visual correlation across your network data.

### Customizable Performance and Availability Reports and Alerts

Schedule and generate custom system performance reports and alerts with hundreds available out of the box. Quickly configure alerts and reports for correlated events, sustained conditions, and complex combinations of device states.

## 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.

“ 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

## SYSTEM REQUIREMENTS

HARDWARE	MINIMUM REQUIREMENTS
CPU	Quad core processor or better
Memory	6GB
Hard Drive	20GB minimum
SOFTWARE	MINIMUM REQUIREMENTS
OS	Windows Server® 2016 or later
Database	<p>On-premises</p> <p>SolarWinds supports Express, Standard, or Enterprise versions of the following:</p> <ul style="list-style-type: none"> <li>• SQL Server 2014, 2014 SP1, 2014 SP2</li> <li>• SQL Server 2016, 2016 SP1</li> <li>• SQL Server 2017 (including installations on Linux)</li> <li>• SQL Server 2019</li> </ul> <p>Cloud</p> <p>Amazon® RDS</p> <p>Azure SQL database, Managed Instance</p>

These are minimum system requirements. See the [Release Notes](#) for full specifications.

## ABOUT SOLARWINDS

SolarWinds (NYSE:SWI) is a leading provider of powerful and affordable IT management software. Our products give organizations worldwide—regardless of type, size or complexity—the power to monitor and manage their IT services, infrastructures, and applications; whether on-premises, in the cloud, or via hybrid models. We continuously engage with technology professionals—IT service and operations professionals, DevOps professionals, and managed services providers (MSPs)—to understand the challenges they face in maintaining high-performing and highly available IT infrastructures and applications. The insights we gain from them, in places like our **THWACK** community, allow us to 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 management has established SolarWinds as a worldwide leader in solutions for network and IT service management, application performance, and managed services.



© 2020 SolarWinds Worldwide, LLC. All rights reserved

The SolarWinds, SolarWinds & Design, Orion, and THWACK trademarks are the exclusive property of SolarWinds Worldwide, LLC or its affiliates, are registered with the U.S. Patent and Trademark Office, and may be registered or pending registration in other countries. All other SolarWinds trademarks, service marks, and logos may be common law marks or are registered or pending registration. All other trademarks mentioned herein are used for identification purposes only and are trademarks of (and may be registered trademarks) of their respective companies.

This document may not be reproduced by any means nor modified, decompiled, disassembled, published or distributed, in whole or in part, or translated to any electronic medium or other means without the prior written consent of SolarWinds. All right, title, and interest in and to the software, services, and documentation are and shall remain the exclusive property of SolarWinds, its affiliates, and/or its respective licensors.

SOLARWINDS DISCLAIMS ALL WARRANTIES, CONDITIONS, OR OTHER TERMS, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, ON THE DOCUMENTATION, INCLUDING WITHOUT LIMITATION NONINFRINGEMENT, ACCURACY, COMPLETENESS, OR USEFULNESS OF ANY INFORMATION CONTAINED HEREIN. IN NO EVENT SHALL SOLARWINDS, ITS SUPPLIERS, NOR ITS LICENSORS BE LIABLE FOR ANY DAMAGES, WHETHER ARISING IN TORT, CONTRACT OR ANY OTHER LEGAL THEORY, EVEN IF SOLARWINDS HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.