

EVALUATOR'S GUIDE

Server Configuration Monitor

How SCM can help improve your efficiency and increase the performance and security of your servers.

WHAT IS SOLARWINDS SERVER CONFIGURATION MONITOR

SolarWinds® Server Configuration Monitor is a powerful and easy-to-use product that is designed to detect, alert, and track server and application configuration changes in your environment. SCM can give you necessary information about configuration changes and their correlations with performance slowdown. This information helps you find the root cause of the performance problems when it's the consequence of configuration changes.

SolarWinds SCM can be a valuable tool for companies of any size, as it can be easily scaled to suit your needs.

Why do we think that systems administrators will love SolarWinds SCM?

- » Affordable: Easy-to-understand pricing model without hidden costs or monthly fees. Licensing is based on the number of nodes monitored. A node is defined as a server, VM, virtual host, or OS instance.
- » Increased visibility: Get alerted in near real-time when changes have been made to your server, track changes over time, see who is making the changes, and easily compare to previous configurations.
- » Decreased time to resolution: Find the root cause of problems as quickly as possible thanks to drill-down capabilities and correlation of full-stack monitoring metrics with change data on a single timeline thanks to integration with other award-winning SolarWinds products.
- » Do-it-yourself deployment: Complete installation with just a few clicks. Monitoring templates, alerts, and reports are prepacked and ready out of the box.
- » Asset tracking for hardware and software: Built-in IT inventory management can automatically discover your hardware and software, and stores IT asset data.

Common problems Server Configuration Monitor can help you address:

- » Frequently encountering slow applications, servers, or virtual machines in your IT environment
- » Multiple people or teams with access to make configuration changes to servers or applications
- » Limited to no visibility into who made specific changes
- » Limited to no visibility into exact changes made and how they differ from previous configurations
- » Relying on spreadsheets to track hardware and software assets

If you face these challenges on a daily basis, you may benefit from SolarWinds SCM.

KEY FEATURES

Track system and application changes

Server configuration is changing all the time. Not every change results in better performance of your systems environment. Keep an eye on any configuration changes that were made. SCM provides you with an easy-to-understand dashboard displaying changes, so you can quickly and efficiently answer who, what, and how.

Discover all changes

SolarWinds SCM provides agent-based monitoring. The agent is deployed on each server being monitored. The advantage of this solution is that the agent can gather data even when the server is disconnected from the network. The data is sent to SCM as soon as the server is back online. This feature can help you protect your environment from any unauthorized changes.

Correlate configuration changes to performance

When it comes to troubleshooting performance issues within your IT environment, you most likely have different data types. Whether you are looking at configuration changes, network interface utilization, application performance counters, VM host memory utilization, or storage IOPS, the PerfStack™ dashboard is designed to allow you 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.

You're alerted to an application slowdown at 10:03 a.m. on a Friday. How do you know if the cause is in the network, your systems, or your storage? With PerfStack, you can visually correlate data from each of these entities on a common timeline to help you solve problems faster and reduce the impact to your end users. No need to switch from tool to tool to identify the root cause.

Finally, you can easily share your new analysis project with other members of your IT department. The only thing you have to do is generate the URL and send it to the desired parties. They can see the same data presented in an intuitive dashboard.

[Learn More](#)

[Watch the SolarWinds Lab™ episode dedicated to PerfStack](#)

MANAGE YOUR ASSET INVENTORY

SolarWinds SCM can help you discover and manage server hardware and software inventory in one centralized location.

Automatically discover and store IT asset data

SCM is designed to automatically collect IT asset details, including system information, processors, memory, volumes, hard drives, USB ports, drivers, storage controllers, network interfaces, firmware, installed software, and OS updates.

Track assets throughout their life cycle

Track your software assets, such as version, installation, or purchase date, latest software updates, and more. Track hardware details, like purchase date, usage, warranty expiration date, and location. This actionable data can help you decide if you should replace old or faulty hardware, where it is in its life cycle, and more.

Quickly alert and report on IT assets

Accurately report on asset inventory with charts and tables. Built-in reports are designed to show current asset usage along with model number, last update dates, names of admins who installed the updates, total resources used, unused hardware, etc.

Pre-Packed alerts and reports

SolarWinds SCM offers pre-built alerts and reports to help you get started immediately. These are easily customizable, so you can modify them to suit your needs. Or you can create your own reports or alerts from scratch. Would you like to share any part of your dashboard as a report? No problem—you can easily export and send any part of any dashboard as a report as well.

Enterprise scalability

With SCM 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.

Server Configuration Summary

Server Configuration Nodes

↑ Last change Search...

- kmilsbr01 Aug 10, 2018 11:00 PM 3 5
- scmdemo Today at 7:26 AM 12 9

1-2 of 2

Recent Configuration Changes

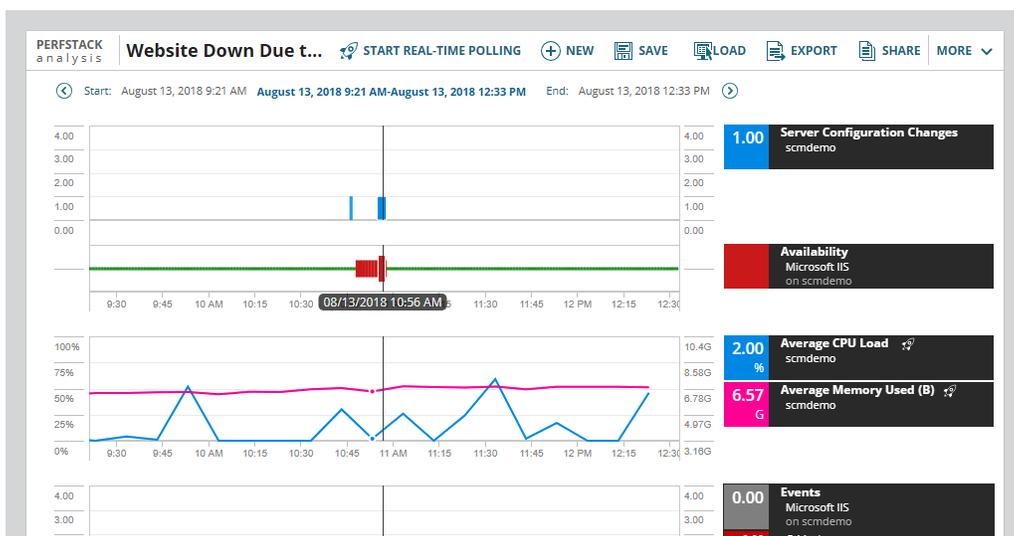
Last 7 days Search...

- Registry User Monitoring on scmdemo Today at 7:26 AM
- Registry User Monitoring on scmdemo Today at 5:00 AM
- Registry User Monitoring on scmdemo Yesterday at 11:26 PM
- HW inventory on scmdemo Yesterday at 10:09 PM
- Special System Files on scmdemo Yesterday at 5:25 PM

Last 25 Server Configuration Events

LAST 12 MONTHS

DATE TIME	EVENT
8/14/2018 11:35	Your SolarWinds Server Configuration Monitor Evaluation [SCMDEMO] will expire in 26 days. Please contact SolarWinds support to purchase a licensed version.
8/10/2018 11:29 PM	Your SolarWinds Server Configuration Monitor Evaluation [SCMDEMO] will expire in 29 days. Please contact SolarWinds support to purchase a licensed version.
8/10/2018 11:28 AM	Your SolarWinds Server Configuration Monitor Evaluation [SCMDEMO] will expire in 30 days. Please contact SolarWinds support to purchase a licensed version.
8/9/2018 11:37 PM	Server configuration differs from baseline on node 'kmilsbr01'.
8/9/2018 11:35 PM	Server configuration matches the baseline on node 'kmilsbr01'.



Node Details - scmdemo - Server Configuration

Server Configuration Management

CONFIGURATION COMPARISON POLL NOW

Configuration Details

SET AS BASELINE EDIT HELP

Last change detected: Today at 7:26 AM

Last status check: Today at 1:29 PM

Configuration profiles: 9

Configuration items: 73 / 12 mismatches

- HW inventory 3
- IIS 5
- Registry User Monitoring
 - HKEY_USERS\Default Today at 7:26 AM
- Special System Files
- SW inventory 2

Recent Configuration Changes

Last 7 days Search...

- Registry User Monitoring HKEY_USERS\Default Today at 7:26 AM
- Registry User Monitoring HKEY_USERS\Default Today at 5:00 AM
- Registry User Monitoring HKEY_USERS\Default Yesterday at 11:26 PM
- HW inventory Drivers Yesterday at 10:09 PM
- Special System Files Hosts File Yesterday at 5:25 PM
- Special System Files System.ini File Yesterday at 4:39 PM
- Special System Files System.ini File Yesterday at 4:25 PM
- Special System Files Hosts File Yesterday at 4:20 PM
- Registry User Monitoring Yesterday at 3:26 PM

ADDITIONAL RESOURCES

- » [Product Page](#)
- » [Getting Started](#)
- » [Datasheet](#)
- » [Training Videos](#)
- » [Online Demo](#)
- » [THWACK® Forum](#)
- » [Introduction Video](#)
- » [Case Studies](#)
- » [Success Center](#)

ABOUT SOLARWINDS

SolarWinds (NYSE:SWI) 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-premises, 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 www.solarwinds.com.

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