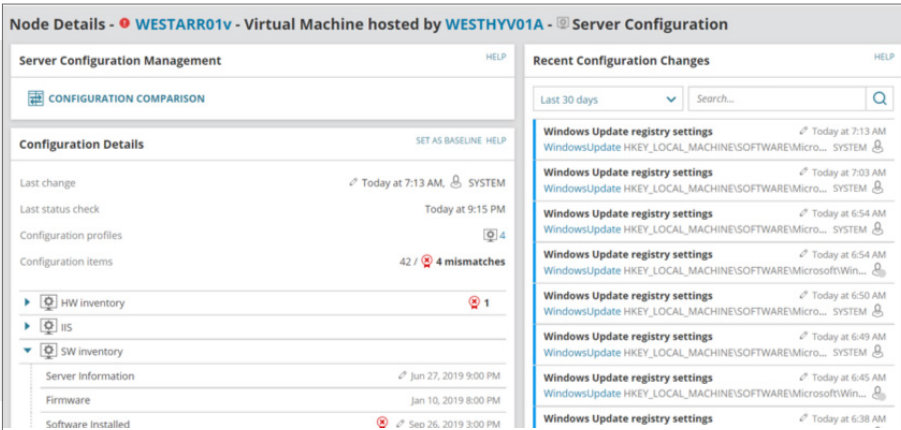


# Server Configuration Monitor



The screenshot displays the 'Server Configuration Management' interface for a virtual machine named 'WESTARR01v'. The interface is split into two main sections: 'Configuration Details' on the left and 'Recent Configuration Changes' on the right.

**Configuration Details:** This section shows a 'CONFIGURATION COMPARISON' tool. It lists various configuration items with their last change dates and status. Key items include:

- HW inventory:** 1 mismatch (indicated by a red icon).
- IIS:** No mismatches.
- SW inventory:** 42 items, with 4 mismatches (indicated by a red icon).
- Server information:** Last changed on Jun 27, 2019 at 9:00 PM.
- Firmware:** Last changed on Jan 10, 2019 at 8:00 PM.
- Software installed:** Last changed on Sep 26, 2019 at 3:00 PM.

**Recent Configuration Changes:** This section shows a list of changes over the last 30 days. The most frequent change is 'Windows Update registry settings', which has occurred multiple times at various times throughout the day (e.g., 7:13 AM, 7:03 AM, 6:54 AM, 6:50 AM, 6:49 AM, 6:45 AM, 6:38 AM).

*Detect, alert, and track configuration changes to Windows and Linux servers and applications.*

*In modern IT environments, making configuration changes is easy, but tracking those changes - and their impact is hard. Even with the best change control processes in place, it's often impossible to control all the configuration changes happening to your servers and applications. And when configurations start to drift, the problems start—outages, slowdowns, security breaches, and compliance violations. Monitoring these changes is critical for business continuity, maintaining security, and demonstrating regulatory compliance. SolarWinds® Server Configuration Monitor is designed to quickly reveal when server or application configurations change, who's changing them, how they were changed, and if a change affected performance. Helping you have the necessary visibility to troubleshoot faster, improve security, and demonstrate compliance.*

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## SERVER CONFIGURATION MONITOR AT A GLANCE

- » Detect, alert, and report on changes with hardware inventory, registry entries, binary and text files, software inventory, IIS configuration files, and script outputs
- » Capture and track who made configuration changes
- » Compare current configurations against a baseline or between any two points in time
- » Correlate configuration changes with network and application performance
- » Automatically detect servers and applications eligible for monitoring
- » View and report on hardware and software inventories
- » Integrates natively with other SolarWinds modules built on the Orion Platform
- » Affordable and simple licensing based on the number of devices monitored

## FEATURES

### Real-Time Detection and Tracking of System and Application Changes

System and applications are changing all the time. Continuously tracking all these changes is vital to the availability and performance of your servers, applications, and services. Tracking changes manually is practically impossible and extremely time-consuming. SCM can keep an eye on your configurations, automatically monitoring your servers and applications, logging any changes, and alerting you when changes have occurred.

[Learn more](#)

### Discover Changes Made Offline

SCM is an agent-based monitoring solution, meaning it can catch configuration changes to your servers even when they are disconnected from the network. Once the server is online again, the agent alerts you to any unauthorized change that was made.

### Compare Configuration Changes Over Time

Trying to determine what changed between two versions of a configuration is difficult. With SCM, you can stop the tedious “stare and compare” and immediately see the exact changes between versions in a single view. SCM also hides unchanged lines to make it easy to find and focus on what’s important.

[Try online demo](#)

### Correlate Configuration Changes to Performance Metrics

The main purpose of any monitoring tool is the ability to pinpoint the root cause of the problem as soon as possible. When integrated with other Orion® Platform products, SCM allows you to correlate changes in server and application configuration with their availability and performance. If a server is slow due to a bad configuration change, you can find it quickly, and fix it.

[Learn more about PerfStack™](#)

### Manage Scripts and Monitor Changes to Their Output

Systems administrators rely on the power of custom scripts to report critical data back to their organizations. With SCM, you can centrally manage PowerShell, Bash, and Python scripts for all the servers in your environment and track and alert on changes to the output of those scripts. The possibilities are limitless.

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## Manage Your Hardware and Software Inventory

Forget about using a spreadsheet as the best solution for your IT asset management. SCM automatically discovers your servers and application for you, keeping your hardware and software inventory information up to date without time-consuming manual work.

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## Orion Platform Integration

SCM is built on the SolarWinds Orion Platform, providing full integration with the data from other SolarWinds products monitoring servers, applications, virtualization, storage, and networks. All SolarWinds products based on the Orion Platform share the same user experience, powerful visualization, automatic mapping of relationships, versatile alerting engine, and robust reporting engine.

## LICENSING

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

It doesn't matter how many applications run on the server, since the server itself is simply one node.

## SYSTEM REQUIREMENTS

To see all systems requirements and to determine deployment size, see SEM system requirements in the [SEM Install or Upgrade Guide](#).

### HARDWARE

Hard Drive 10 GB minimum | 20 GB recommended

Memory 6 GB minimum | 8 GB recommended

CPU Quad-core processor or better

### SOFTWARE

Operating System Windows Server® 2012, 2012 R2, 2016, Windows® 8.1, 10

Databases Supports Express, Standard, or Enterprise versions of SQL Server® 2012, 2014, 2016 or 2017

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## 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 the ways technology professionals want them solved. Our 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. Learn more today at [www.solarwinds.com](http://www.solarwinds.com).

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