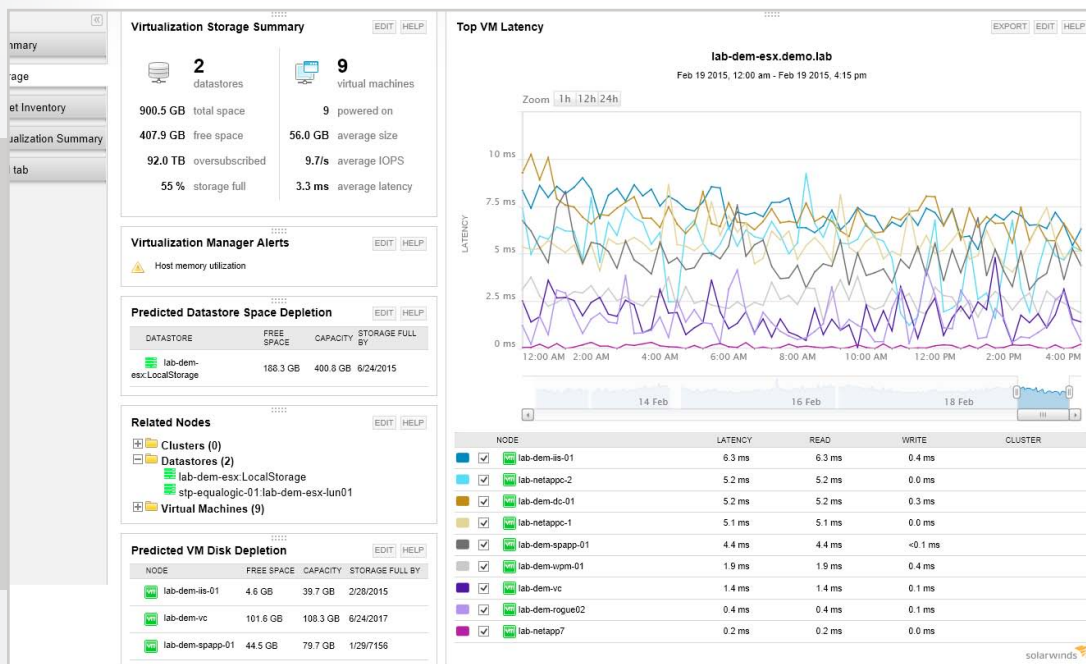




# VIRTUALIZATION MANAGER

*Comprehensive virtualization management for VMware® and Hyper-V® - from VM to storage.*



 **DOWNLOAD FREE TRIAL**

Fully Functional for 30 Days

Download a free product trial and start monitoring your network in minutes.

*SolarWinds® Virtualization Manager delivers integrated VMware and Microsoft® Hyper-V capacity planning, performance monitoring, VM sprawl control, VDI performance monitoring, configuration management, and chargeback automation—all in one affordable product that's easy to download, deploy, and use. Start monitoring your VMs in less than an hour.*

## VIRTUALIZATION MANAGER AT A GLANCE

- » Use real-time dashboards to easily identify and troubleshoot performance, capacity, and configuration problems
- » Identify VM sprawl, which helps you reclaim and optimize space and performance
- » Integrate with Server & Application Monitor to have complete visibility of the application stack—from app to VM to datastore—on the Orion® interface
- » Use baseline thresholds for alerting on performance discrepancies on clusters, hosts, VMs, and datastores

## FEATURES

### Heterogeneous Virtualization Management

Manage both VMware and Microsoft® Hyper-V environments from a single pane of glass.

### Virtualization Performance Monitoring & Management

Proactively monitor and analyze virtualization-specific performance problems in VMware and Hyper-V environments.

### Full Application Stack Visibility & Contextual Awareness

Get complete visibility of the Application Stack Management Bundle for contextual awareness of performance issues across all software, middleware, and the extended infrastructure applications required for optimal performance.

### Virtual Machine Management Actions

Integration with the Orion® platform gives you virtualization machine (VM) management actions, such as power on/off, suspend, and reboot a VM, as well as take and delete snapshots.

### Enhanced Virtualization Metrics

Integration with the Orion® platform gives you more Virtualization Manager metrics data. Get access to features in Orion, such as role-based access control, Web-based reporting, alerting, improved virtual machine management, and a synchronization wizard.

### VDI Performance Monitoring & Management

Monitor Virtual Desktop Infrastructure (VDI) performance, quickly troubleshoot issues, and easily plan VDI rollouts.

### VM Right-Sizing & Capacity Planning

Manage, plan, and optimize VMware and Microsoft Hyper-V virtual infrastructure capacity.

### Virtualization Dashboards

Get at-a-glance insight into the performance, capacity, configuration, and usage of your virtualized infrastructure.

### VM Sprawl Control

Find stale, zombie, and over-allocated VMs and orphaned files.



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## Virtualization Performance Alerts

Quickly discover and act on performance issues using flexible, out-of-the-box alerts within Virtualization Manager, which triggers alerts when a VM fails to respond during the expected interval. With the integration into Orion, you can now set dynamic thresholds from baselines and get alerted when your virtual appliance is about to reach warning or critical states.

## Visibility into Virtual Machines

Get complete visibility into all your virtual machines, whether they are managed, stand-alone in virtualization manager, or in SolarWinds SAM or NPM.

## Virtualization Configuration Management

Track VM and host configurations over time to determine if your virtual environment configuration is drifting from the gold standard.

## Virtualization Dependency Mapping & Historical Forensics

Map dependencies, and perform forensic troubleshooting and problem analysis.

## Virtualization Chargeback & Showback Automation

Govern and chargeback/showback IT, infrastructure, and Cloud services.

## INTEGRATES WITH APPLICATION STACK MANAGEMENT BUNDLE

### Integration with SolarWinds Server & Application Monitor

When you integrate Virtualization Manager with SolarWinds Server & Application Monitor, you can see a dashboard view of your applications' health and status and all dependent virtual server, host, cluster, and datastore information that supports the application and its virtual server.

### Integration with SolarWinds Web Performance Monitor

When you integrate Virtualization Manager with SolarWinds Web Performance Monitor, you can see a dashboard view of the user experience and overall performance of internal (CRM, ERP, intranet) and customer-facing Web applications. Drill into website load times and page load speed by location, waterfall charts for heaviest page elements, and more.

### Integration with SolarWinds Storage Resource Monitor

Virtualization Manager integrates with SolarWinds Storage Resource Monitor to give you a more detailed view of your virtual disks. You can drill through a datastore all the way to the LUN and array level.



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## SYSTEM REQUIREMENTS

### Virtual Appliance

#### Hardware

- » 2GHz CPU quad-core.
- » 4 vCPU
- » 8GB + RAM minimum recommended.
- » 200GB + free disk space (thin provision by default for VMware®).
- » Virtual appliance-based installation.

#### Software

- » Runs on VMware® vSphere™ v5.x, 4.x, or Microsoft® Hyper-V® 2008/2012.
- » Integrated with virtual appliance.

### Orion Server

#### Hardware

- » 2.4GHz quad-core.
- » 4GB + RAM minimum recommended.
- » 4GB free disk space minimum.

#### Software

- » Windows Server® 2003; Windows® 2008 R2, Windows 2012, Windows 2012 R2 with IIS in 32-bit mode. Microsoft IIS, version 6.0 and higher in 32-bit mode must be installed.
- » SQL Server® 2005 SP3 Express, Standard, Enterprise; SQL Server 2008 Express, Standard, or Enterprise; SQL Server 2008 R2, or SQL Server 2012. Note: SolarWinds® recommends that you upgrade to SQL Server 2008.
- » Version 3.5 .NET Framework, 4.0 is recommended.
- » Microsoft Internet Explorer version 8 or higher with Active Scripting, Firefox® 13.0 or higher (Toolset Integration is not supported on Firefox), Google® Chrome™.

*NOTE: The minimum server requirements listed assume default configuration. Significantly increasing the poll rate or statistic collection rate could result in additional load on the server, which may require a larger CPU or additional memory.*



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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!



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## ABOUT SOLARWINDS

SolarWinds (NYSE: SWI) provides powerful and affordable IT management software to customers worldwide. Focused exclusively on IT Pros, we strive to eliminate the complexity in IT management software that many have been forced to accept from traditional enterprise software vendors. SolarWinds delivers on this commitment with unexpected simplicity through products that are easy to find, buy, use, and maintain, while providing the power to address any IT management problem on any scale. Our solutions are rooted in our deep connection to our user base, which interacts in our online community, [thwack®](#), to solve problems, share technology and best practices, and directly participate in our product development process. Learn more at <http://www.solarwinds.com>.

## LEARN MORE

For product information about SolarWinds products, visit [solarwinds.com](http://www.solarwinds.com), call, or email:

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