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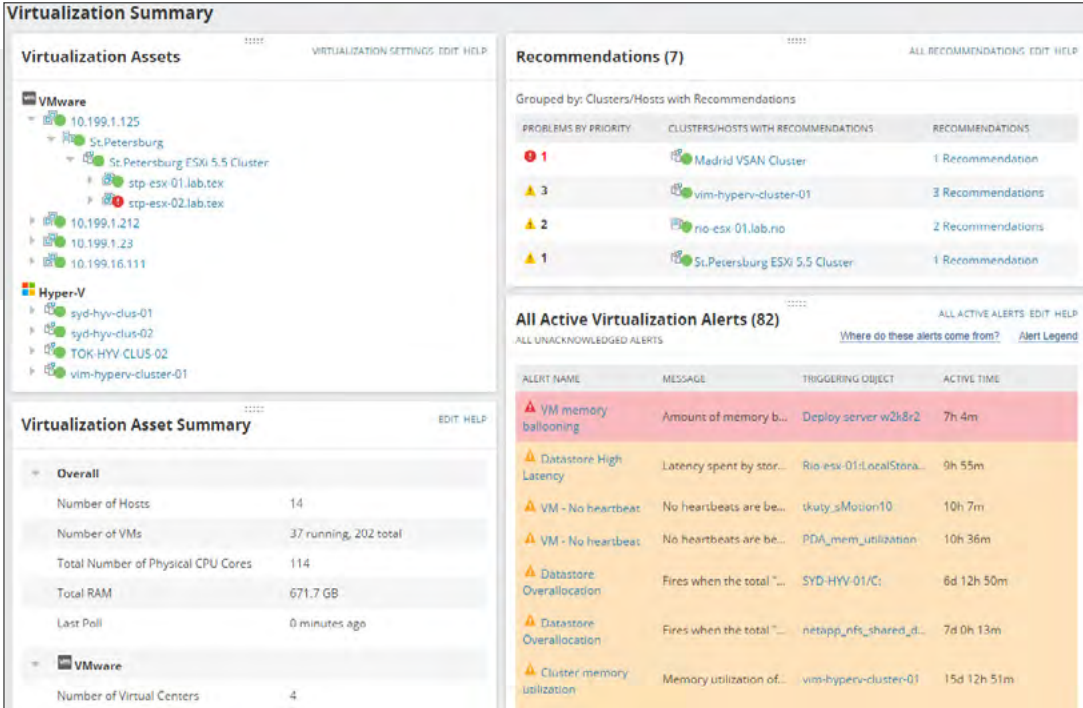# Virtualization Manager
Comprehensive virtualization management for VMware vSphere and Microsoft Hyper-V

SolarWinds® Virtualization Manager delivers integrated VMware vSphere® and Microsoft® Hyper-V® recommendations, capacity planning, performance monitoring, VM sprawl control, VDI performance monitoring, configuration management, and alert remediation—all in one affordable product that's easy to download, deploy, and use. Start remediating your VM performance typically in about an hour.

VIRTUALIZATION MANAGER AT A GLANCE

» Actionable intelligence provides recommendations for optimal server performance and placement

» Batch execution of recommendations allows for quicker problem resolution

» Use real-time dashboards to easily identify and troubleshoot performance, capacity, and configuration problems

» Identify VM sprawl, which helps you reclaim and optimize space

» Monitor and manage your Amazon EC2® instances and Microsoft® Azure® VMs from the same console as your on-premises virtualization environment

» Integrate with SolarWinds Server & Application Monitor for complete visibility of the application stack—from app to VM to datastore—on the Orion® Platform interface

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» Use baseline thresholds for alerting on performance discrepancies on clusters, hosts, VMs, and datastores

» Help eliminate frequent logins into vCenter™ and take action within Virtualization Manager

FEATURES

Actionable Intelligence

Provides active or predictive performance and placement recommendations that can be run immediately, or scheduled to run at a select time.

Heterogeneous virtualization management

Manage both VMware vSphere and Microsoft Hyper-V environments through a single pane of glass.

Virtualization performance monitoring and management

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

Full application stack visibility and contextual awareness

The AppStack™ dashboard will give you contextual awareness of the performance and mapping of your applications and their dependence from the virtualization and storage layers.

Performance and data metric correlation

Using the PerfStack™ dashboard, you can cross-stack performance data and metrics across your virtualization, storage, applications, systems, and networks systems, allowing for quicker problem identification.

Virtualization management actions

Integration with the Orion Platform gives you virtualization management actions, such as power on/off, suspend, and reboot a VM, as well as the ability to take and delete snapshots.

Migration management actions

Using the VMAN console, you can remotely execute VMware vMotion and Hyper-V Live Migration to migrate VMs to a different host, and VM disks to a different data store or shared cluster volume.

Intelligent script-based automation

Execute management actions through customized scripts for maximum optimization of virtualized resources.

Alert remediation

Configure an alert to trigger a management action based on set thresholds.

Enhanced virtualization metrics

Integration with the Orion Platform gives you more VM metrics data. Get access to features in the Orion Platform, such as role-based access control, web-based reporting, alerting, improved virtualization management, and a synchronization wizard.

VDI performance monitoring and management

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

VM rightsizing and capacity planning

Manage, plan, and optimize VMware vSphere 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 overallocated VMs, add or remove CPU and RAM, and delete orphaned VMDKs.

Virtualization performance alerts

Quickly discover and act on performance issues using flexible, out-of-the-box alerts within Virtualization Manager. It triggers alerts when a VM fails to respond during the expected interval. Integrating with the Orion Platform allows you to set dynamic thresholds from baselines, and receive alerts when your virtual appliance is about to reach warning or critical states.

Virtualization configuration management

Track VM and host configurations over time to determine if your virtual environment configuration is performing optimally.

Virtualization dependency mapping and historical forensics

Map dependencies and perform forensic troubleshooting and problem analysis.

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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 the health and status of your applications, as well as 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

Orion Server

HARDWARE	MINIMUM REQUIREMENTS
CPU	3.0GHz quad-core
Memory	8 GB + RAM minimum recommended, (Recommendations feature requires an additional 8 GB)
Hard Drive	10GB free disk space minimum

SOFTWARE	MINIMUM REQUIREMENTS
OS	Windows Server® 2012, 2012 R2, 2016
Database	Supports Express, Standard, or Enterprise versions of the following: • SQL Server® 2012, 2012 SP1, 2012 SP2, or 2012 SP3 • SQL Server 2014, or 2014 SP1 • SQL Server 2016
.Net Framework	.NET 4.5 required
Web Console browser	• Microsoft® Internet Explorer® version 11 or later with active scripting • Microsoft Edge® • Mozilla® Firefox® version 45 or later • Google® Chrome® version 51 or later • Safari® for iPhone®

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. Optional Capacity Planning Appliance may require additional resources.

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!

ABOUT COMTACT LTD

Comtact Ltd. is a government-approved Cyber Security and IT Managed Service Provider, operating 24/7 from our NOC/SOC, located at the heart of our high security Tier 3 data centre in Northampton, UK.

NO ONE ELSE KNOWS SOLARWINDS LIKE COMTACT.

Comtact Ltd. is the UK's leading authority on SolarWinds, with the largest in-house team of SolarWinds-Certified Professionals supporting and managing the network operations of some of the UK's leading organisations.

ISO27001 TIER 3 UK DATA CENTRE

Comtact and its operations are entirely ISO27001-accredited, providing our customers with the assurance that their service solution is being supported by certified professionals.

24x7x365 SUPPORT

Comtact has a multiskilled, three-tiered professional support team, providing 1st and 2nd line support to clients.

NOC/SOC teams located within our UK data centre.

Comtact, your preferred Cyber Security & Network Management Partner

High Security Tier 3

ISO27001- Accredited

Always On. 24x7x365

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Established in 2005, Comtact Ltd. is an award-winning, Government-approved service provider, supporting clients 24x7x365 from high security Network (NOC) & Security Operations Centre (SOC) in Northampton, UK.

24x7x365 SUPPORT

Comtact has a multi-skilled, three-tiered professional support, providing 1st line and 2nd line support operated from our 24x7x365 high security Tier 3 data centre.

ISO27001

Comtact and its operations are entirely ISO27001 accredited, providing customers with the assurance that their service solution is being supported by true professionals.

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Based in Northampton, Comtact's Security (SOC), Network (NOC) and Service Delivery Centre (SDC) are located within our state-of-the-art Tier 3 data centre.

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