

VMware vCenter Operations

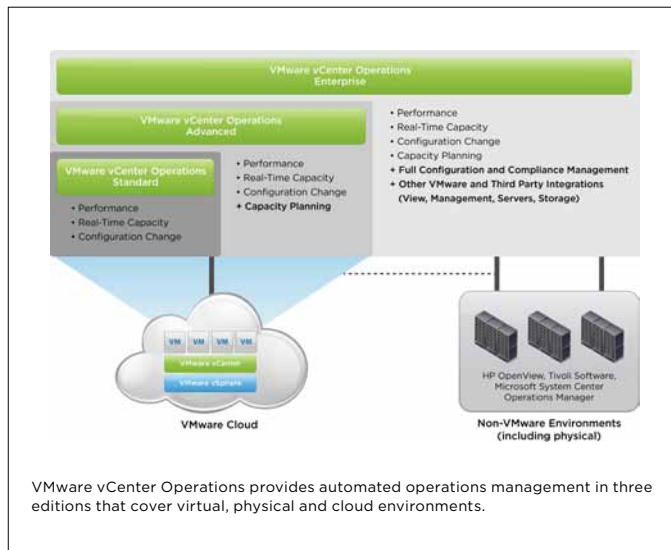
Automated Operations Management for Virtual and Cloud Infrastructure

AT A GLANCE

VMware vCenter™ Operations provides automated operations management using patented analytics and an integrated approach to performance, capacity and configuration management. The focus of vCenter Operations is to provide the intelligence and visibility needed to proactively ensure service levels, optimum resource usage and configuration compliance in dynamic virtual and cloud environments

KEY BENEFITS

- Actionable intelligence to automate manual operations processes
- Visibility across infrastructure and applications for rapid problem resolution
- Proactively ensures optimal resource utilization and virtual and cloud infrastructure performance
- At a glance view of operational and regulatory compliance across physical and virtual



What is VMware vCenter Operations?

VMware vCenter Operations is an automated operations management solution that provides integrated performance, capacity and configuration management for highly virtualized and cloud infrastructure. Deep VMware vSphere™ integration provides the most comprehensive management of VMware environments. VMware vCenter Operations is available in three editions. VMware vCenter Operations Standard is purpose-built for VMware administrators to more effectively manage the performance of their VMware environments as they move to the private cloud. VMware vCenter Operations Advanced provides performance and capacity management for large virtual and private cloud infrastructure. VMware vCenter Operations Enterprise is for IT operations teams to more proactively manage the performance, capacity, configuration and compliance of mission-critical applications and services and the hybrid (virtual and physical) infrastructures they run on. VMware vCenter Operations integrates directly with third-party monitoring tools for a complete view of your infrastructure.

How is VMware vCenter Operations Used?

VMware vCenter Operations uses patented analytics and powerful visualizations to automate performance, capacity and configuration management. It collects and analyzes performance data, correlates abnormalities and identifies the root cause of building performance problems. VMware vCenter Operations provides capacity management to optimize resource usage and policy-based configuration management to assure compliance and eliminate sprawl and configuration drift.

IT operations and infrastructure teams leverage vCenter Operations to:

- Eliminate manual effort—Analytics and policy-based approach automate performance, capacity and configuration management
- Proactively manage virtual infrastructure performance—Get proactive warning of performance issues before problems affect end users
- Ensure operational and regulatory compliance—Manage compliance automatically with a policy-based approach and out-of-the-box configuration templates
- Optimal resource utilization—Ensure right-sized virtual and cloud infrastructure through comprehensive capacity management

Key Features

Intelligent Automation

Patented analytics provide actionable intelligence across the stack to automate manual processes for maximum efficiency and agility.

- Infrastructure and operations analytics eliminate time-consuming problem resolution processes through automated root cause analysis.
- On-demand analytics allow optimization of the IT infrastructure without ‘tribal knowledge.’
- Capacity analytics eliminate the need for spreadsheets, simple scripts and rules of thumb. “What if” capacity planning scenarios don’t require time-consuming model updates.
- Capacity analytics allow identification of overprovisioned resources so they can be right-sized to make more efficient use of compute power.
- Automated provisioning and configuration analysis detects unwanted changes and helps IT maintain continuous compliance with operational best practices and regulatory requirements.

Comprehensive Visibility

Powerful visualization of performance, capacity and configuration issues and risks enable visibility into dynamic infrastructure and applications for rapid problem resolution.

- VMware vCenter Operations provides cross-team views for real-time performance, capacity and configuration management.
- Performance data is abstracted to health, workload and capacity risk measures that allow IT to efficiently identify building performance problems with less effort.
- Out-of-the-box templates to ensure continuous compliance with security best practices, hardening guidelines and regulatory requirements.

Proactive Management

An integrated approach to automating operations in the face of growing service level expectations and accelerating change allows IT to be more proactive and ensure optimal performance.

- Self-learning performance analytics identify building performance problems before they affect end users.
- Identifies capacity shortfalls before they affect end users.
- Real-time, integrated dashboards of performance, capacity and configuration change events allow a proactive management approach and help ensure service level agreements (SLAs) are met.
- Assures compliance with policy control across all aspects of the datacenter infrastructure, virtual or physical.

	STANDARD	ADVANCED	ENTERPRISE
Performance/Workload	●	●	●
Capacity	◐	●	●
Alerting	○	○	●
Troubleshooting	○	○	●
Remediation	○	○	●
Configuration & Compliance	◐	◐	●
Environment/3rd Party Integration	○	○	●

VMware vCenter Operations editions provide purpose-build capabilities for virtual environments, private and hybrid cloud infrastructures, and hybrid (virtual and physical) infrastructures and applications.

Find Out More

For information or to purchase VMware products, call 1-877-4VMWARE (outside of North America dial +1-650-427-5000), visit <http://www.vmware.com/products> or search online for an authorized reseller. For detailed product specifications and systems requirements, please refer to the vCenter Operations documentation.

