

# VMware vRealize Operations

Intelligent Operations from Applications to Storage—from vSphere and Hyper-V to Amazon Web Services and Physical Hardware

## AT A GLANCE

VMware vRealize™ Operations™ delivers intelligent operations management across physical, virtual, and cloud infrastructure—from VMware vSphere® and Hyper-V to Amazon Web Services. It correlates data from applications to storage in a unified, easy-to-use management tool that provides control over performance, capacity, and configuration, with predictive analytics driving proactive action, and policy-based automation.

## KEY BENEFITS

- Proactive identification and remediation of emerging performance, capacity, and configuration issues
- Comprehensive visibility across applications and infrastructure in a single console
- Automated capacity optimization and planning
- Intelligent workload balancing
- Enforcement of standards for continuous compliance
- Open and extensible platform that leverages existing investments, with third-party management packs for Microsoft, SAP, and more

## About VMware vRealize Operations

Traditional operations management systems do not meet the requirements of today's virtual and cloud infrastructure. They make IT too reactive because they lack the intelligence to aggregate, correlate, and analyze metrics across applications and infrastructure stacks.

vRealize Operations is built on a scale-out, resilient platform designed to deliver intelligent operational insights to simplify and automate management of applications and infrastructure across virtual, physical and cloud environments—from vSphere to Hyper-V, Amazon Web Services (AWS), and more.

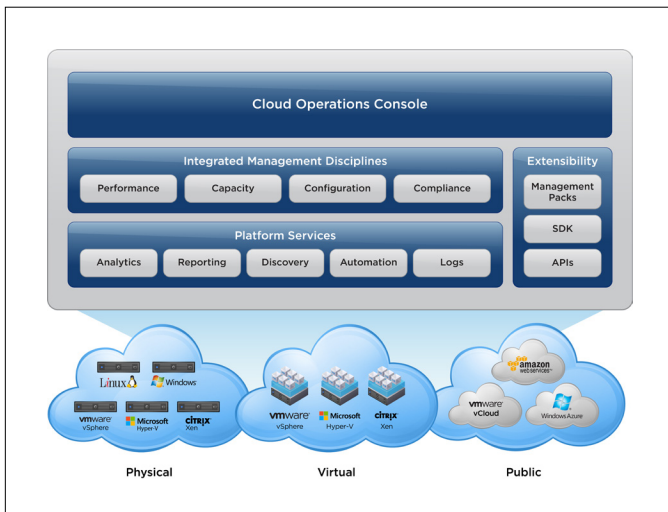
With vRealize Operations, IT organizations of all sizes can improve performance, avoid business disruption, and become more efficient with comprehensive visibility across applications and infrastructure in one place.

## vRealize Operations delivers:

- **Intelligent operations** – Self-learning tools, predictive analytics, intelligent workload management, and Smart Alerts about application and infrastructure health enable proactive identification and remediation of emerging performance, capacity, and configuration issues.
- **Policy-based automation** – Out-of-the-box and customizable policies for critical IT operations are associated with Smart Alerts, guided remediation, and compliance standards to deliver recommendations, or trigger actions, that optimize performance and capacity and enforce configuration standards.
- **Unified management** – An open and extensible platform, supported by third-party management packs for Microsoft, SAP, and others, provides complete visibility in a single console across applications, storage, and network devices.

## Learn More

For more information or to purchase VMware products call 1-877-VMWARE (outside North America, +1-650-427-5000), visit <http://www.vmware.com/products>, or search online for an authorized reseller. For detailed product specifications and system requirements, refer to the VMware vRealize Operations documentation at [www.vmware.com/products/vrealize-operations](http://www.vmware.com/products/vrealize-operations).



Automated operations management for virtual and cloud infrastructure.

vREALIZE OPERATIONS			
Key Features and Capabilities			
Standalone product editions (Licensed per OSI)	Standard	Advanced	Enterprise
Included in a VMware suite (Licensed per CPU)	VMware vCloud Suite® Standard	vCloud Suite Advanced	vCloud Suite Enterprise
	VMware vSphere® with Operations Management™	VMware vRealize™ Operations Insight™ VMware vRealize™ Suite Advanced	vRealize Suite Enterprise
Operations Platform			
Scale-out platform	•	•	•
Built-in high availability (automated failover of platform nodes)		•	•
Operations dashboards, views, and reports	•	•	•
Customizable dashboards, views, and reports		•	•
Policy Management			
Flexible operations policies and Operations Groups	•	•	•
Guided remediation	•	•	•
Role-based access control	•	•	•
Performance Monitoring and Analytics			
vSphere health monitoring	•	•	•
Self-learning analytics with Dynamic Thresholds	•	•	•
Smart Alerts	•	•	•
Root-cause analysis and recommendations	•	•	•
Monitoring of OS resources (CPU, disk, memory, network)		•	•
Universal storage visibility		•	•
Database, middleware and application monitoring			•
Capacity Management			
Capacity metering, trending, right-sizing, what-if scenarios, and resource optimization	•	•	•
Capacity model-driven analytics		•	•
Resource monitoring, planning, and optimization applicable to any object, including third-party data		•	•
Change, Configuration, and Compliance Management			
vSphere hardening	•	•	•
vSphere change, configuration, and regulatory compliance		•	•
OS-level change, configuration, and patch management			•
OS-level regulatory compliance-management packs (PCI, HIPAA, SOX, etc.)*			•
Application Dependency Mapping			
Automated application discovery and relationship visualization		•	•
Naming and versioning		•	•

\* Enterprise edition includes Regulatory Compliance for the guest-OS level or physical servers.

**Third-Party Management Packs** - Get more out of vRealize Operations with third-party Management Packs. For a complete list of vRealize Operations Management Packs and extensions, please visit <https://solutionexchange.vmware.com>.

