

VMware vSphere with Operations Management

Virtualization with Consistent Management

AT A GLANCE

Virtualizing with the Industry Leading Platform

Virtualizing helps prevent costly infrastructure sprawl. As users expand their virtualization footprint, choosing a reliable virtualization platform to run business-critical applications, scale-up and scale-out applications, maximize ROI of hardware investments, and improve performance while avoiding disruption is critical.

VMware vSphere® with Operations Management™ can help achieve your unique business needs by delivering virtualization with consistent management, purpose-built to get the best performance, availability and efficiency from your infrastructure and applications from day one.

KEY BENEFITS

- 53% reduction in cost of IT infrastructure management
- 54% decrease in downtime of tier-one applications
- 2.4X return on investment, within a year
- 30% improvement in visibility, availability, capacity utilization, and user satisfaction with IT



INDUSTRY-LEADING
VIRTUALIZATION
PLATFORM



UNIFIED, EASY-TO-USE
OPERATIONS
MANAGEMENT

The industry leading and most trusted virtualization platform with consistent operations management for your data center.

About vSphere with Operations Management

VMware vSphere with Operations Management is designed to help you achieve your unique business needs by providing better insights and better IT. It helps you improve your performance and avoid disruption, with intelligent operations from apps to storage providing simplified availability and comprehensive visibility in one place. And it helps free up time so you can focus on more strategic tasks by safely automating workload placement and resource optimization on your terms, with increased control based on pre-set customizable templates.

vSphere with Operations Management provides the following capabilities:

- **Powerful Server Virtualization:** Virtualize your x86 server resources and aggregate them into logical pools for allocation of multiple workloads.
- **Efficient Storage:** Reduce the complexity of back-end storage systems and enable the most efficient storage utilization in virtual environments.
- **High Availability:** Maximize uptime across your virtualized infrastructure, reducing unplanned downtime and eliminating planned downtime for server and storage maintenance.
- **Network Services:** Get network services optimized for the virtual environment, along with simplified administration and management.
- **Platform Automation:** Lower operating expenditures and minimize errors by streamlining routine tasks with vSphere's accurate and repeatable solutions.
- **Robust Security:** Protect your data and applications with the industry's most secure "bare-metal" virtualization platform.
- **Consistent Management:** Maximize the benefits of your virtual data center with unified easy-to-use operations management.
- **Intelligent Operations:** Intelligent operations management adapts to your specific environment, giving you better insights in time to take proactive action.
- **Operations Automation:** Safely automate infrastructure management with guided remediation and customizable actions, while always staying in control.
- **Intelligent Workload Management:** Balancing plan recommends optimal placement of workloads and balances the workloads across clusters.
- **Cloud API Integration:** Provides choice on how to consume your cloud environment.

EDITIONS	STANDARD	ENTERPRISE	ENTERPRISE PLUS
Overview	Server consolidation, business continuity, and consistent operations management	Resource load balancing and consistent operations management	Enhanced application availability and performance with consistent operations management
Product Components			
License Entitlement	Per 1 CPU	Per 1 CPU	Per 1 CPU
vSphere Edition	Standard	Enterprise	Enterprise Plus
vRealize™ Operations™ Edition	Standard	Standard, with additional functionality	Standard, with additional functionality
Cloud API Integration			
VMware Integrated OpenStack			Support for VMware Integrated OpenStack is sold separately
Product Features			
Performance Monitoring and Analytics			
vSphere Performance and Health Monitoring	•	•	•
Self-learning performance analytics, and dynamic thresholds	•	•	•
Root cause analysis and recommendations	•	•	•
Operational Visibility and Management			
Predictive analytics and Smart Alerts	•	•	•
Intelligent operations groups and flexible operations policies	•	•	•
Comprehensive operations dashboards, and reporting	•	•	•
Policy Management	•	•	•
Guided Remediation	•	•	•
Automated Remediation		•	•
Capacity Management			
Capacity Metering, Trending, Right-sizing and resource optimization	•	•	•
Scenarios, Modeling, Alerting and Reporting	•	•	•
Workload Management			
Workload Balance Plans		•	•
Operational Move Actions	•	•	•
Rebalance Action		•	•
Capacity Utilization Dashboard	•	•	•

EDITIONS	STANDARD	ENTERPRISE	ENTERPRISE PLUS
Change, Configuration and Compliance Management			
vSphere security hardening	•	•	•
Business Continuity and Security			
vMotion	•	•	•
High Availability	•	•	•
vSphere™ Data Protection	•	•	•
Multi-Processor Fault Tolerance	2-vCPU	2-vCPU	4-vCPU
vShield™ Endpoint	•	•	•
vSphere Replication™	•		•
Hot Add	•	•	•
Cross-vCenter vMotion			•
Long Distance vMotion			•
Resource Prioritization and Enhanced Application Performance			
Virtual Volumes™	•	•	•
Storage-Based Policy Management	•	•	•
Reliable Memory		•	•
Big Data Extensions™		•	•
Virtual Serial Port Concentrator		•	•
Distributed Resources Scheduler™ (DRS), Distributed Power Management™ (DPM)		•	•
Storage DRS™ and Profile-Driven Storage			•
Storage and Network I/O Control			•
Single Root I/O Virtualization (SR-IOV) Support			•
Flash Read Cache™			•
NVIDIA GRID vGPU			•
Automated Administration and Provisioning			
Storage APIs for Array Integration, Multipathing		•	•
Distributed Switch™			•
Content Library	•	•	• (+ Template Deployment)
Host Profiles and Auto Deploy			•

Support and Professional Services

VMware offers global support and subscription (SnS) services to all customers. For customers requiring additional services, VMware offers professional services engagements on best practices and getting started with your deployment, both directly and through an extensive network of certified professionals: <http://www.vmware.com/consulting>.

Find Out More

For information or to purchase VMware products, call 877-4-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 [vSphere with Operations Management](#) documentation.

