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

**About VMware vRealize Operations**

Traditional operations management systems do not meet the requirements of today’s virtual and cloud infrastructures. 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, 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 more

**AT A GLANCE**

VMware vRealize™ Operations™ delivers intelligent operations management across physical, virtual, and cloud infrastructures—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
- Enforcement of standards for continuous compliance
- Open and extensible platform that leverages existing investments, with third-party management packs for Microsoft, SAP, and more

**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 http://www.vmware.com/products/vrealize-operations.

Automated operations management for virtual and cloud infrastructure.
## vRealize Operations

### Key Features and Capabilities

<table>
<thead>
<tr>
<th>Standalone product editions (Licensed per OSI)</th>
<th>Standard</th>
<th>Advanced</th>
<th>Enterprise</th>
</tr>
</thead>
<tbody>
<tr>
<td>Included in a VMware suite (Licensed per CPU)</td>
<td>VMware vCloud Suite Standard</td>
<td>vCloud Suite Advanced</td>
<td>vCloud Suite Enterprise</td>
</tr>
<tr>
<td>VMware vSphere with Operations Management™</td>
<td>VMware vRealize™ Operations Insight™</td>
<td>vRealize Suite Enterprise</td>
<td></td>
</tr>
<tr>
<td>VMware vRealize™ Suite Advanced™</td>
<td>VMware vRealize™ Suite Advanced™</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Operations Platform

- **Scale-out platform**
  - Standard
  - Advanced
  - Enterprise

- **Built-in high availability (automated failover of platform nodes)**
  - Standard
  - Advanced
  - Enterprise

- **Operations dashboards, views, and reports**
  - Standard
  - Advanced
  - Enterprise

- **Customizable dashboards, views, and reports**
  - Standard
  - Advanced
  - Enterprise

### Policy Management

- **Flexible operations policies and Operations Groups**
  - Standard
  - Advanced
  - Enterprise

- **Guided remediation**
  - Standard
  - Advanced
  - Enterprise

- **Role-based access control**
  - Standard
  - Advanced
  - Enterprise

### Performance Monitoring and Analytics

- **vSphere health monitoring**
  - Standard
  - Advanced
  - Enterprise

- **Self-learning analytics with Dynamic Thresholds**
  - Standard
  - Advanced
  - Enterprise

- **Smart Alerts**
  - Standard
  - Advanced
  - Enterprise

- **Root-cause analysis and recommendations**
  - Standard
  - Advanced
  - Enterprise

- **Monitoring of OS resources (CPU, disk, memory, network)***
  - Standard
  - Advanced
  - Enterprise

- **Universal storage visibility**
  - Standard
  - Advanced
  - Enterprise

- **Database and application monitoring (full VMware vRealize Hyperic*)**
  - Standard
  - Advanced
  - Enterprise

### Capacity Management

- **Capacity metering, trending, right-sizing, what-if scenarios, and resource optimization**
  - Standard
  - Advanced
  - Enterprise

- **Capacity model-driven analytics**
  - Standard
  - Advanced
  - Enterprise

- **Resource monitoring, planning, and optimization applicable to any object, including third-party data**
  - Standard
  - Advanced
  - Enterprise

### Change, Configuration, and Compliance Management

- **vSphere Hardening**
  - Standard
  - Advanced
  - Enterprise

- **vSphere change, configuration, and regulatory compliance**
  - Standard
  - Advanced
  - Enterprise

- **OS-level change, configuration, and patch management**
  - Standard
  - Advanced
  - Enterprise

- **OS-level regulatory compliance-management packs (PCI, HIPAA, SOX, etc.)**
  - Standard
  - Advanced
  - Enterprise

### Application Dependency Mapping

- **Automated application discovery and relationship visualization**
  - Standard
  - Advanced
  - Enterprise

- **Naming and versioning**
  - Standard
  - Advanced
  - Enterprise

---


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

---