

VMware vRealize Operations Insight

Intelligent Operations from Apps to Storage —
for vSphere and Physical Hardware

AT A GLANCE

For businesses of all sizes using VMware vSphere®, who are concerned about application downtimes, return on IT investment, and capital expenditure, VMware vRealize™ Operations Insight™ is the IT operations and log management solution that delivers intelligent operations and policy-based automation from apps to storage across physical and virtual infrastructure.

KEY BENEFITS

- Up to 54 percent reduction in downtime of tier one applications
- Up to 53 percent reduction in IT costs
- Up to 30 percent reclaimed capacity through optimization
- Up to 2.4X return on investment
- Up to 50 percent reduction in time for root cause analysis
- Up to 67 percent gain in IT productivity from reduced manual effort and fewer incidents
- Up to 90 percent reduction in time spent reviewing logs
- Higher VM density and increased VM/Admin ratios

What is VMware vRealize Operations Insight?

vRealize Operations Insight is a unified management solution for performance management, capacity optimization, and real-time log analytics, using predictive analytics leveraging both structured and unstructured data, for proactive issue avoidance and faster problem resolution. It is available as an add-on to VMware vSphere with Operations Management™.

vRealize Operations Insight extends intelligent operations management beyond vSphere to include operating systems, physical servers, storage and networking hardware, and is supported by an extensive marketplace of extensions for third-party tools, including Microsoft SCOM, and others.

How does vRealize Operations Insight Simplify IT Management and Administration?

Customers using traditional monitoring tools and point solutions are restricted by:

- Missing the complete picture of their IT environment since these tools only provide visibility into a subset of metrics and IT data.
- Not having the time, skills or toolset to properly manage the service health, capacity, and IT policies of their infrastructure – which can result in:
 - VM sprawl
 - Finger-pointing across teams and endless troubleshooting
 - Unintended side-effects of changes that hard to roll back
 - Overprovisioned and under-utilized server and storage resources and capacity
 - Unexpected application and system downtime
 - Poor end-user satisfaction with IT

vRealize Operations Insight uses trusted technology and self-learning analysis tools to process all machine data and automatically correlates all IT data and events into a unified view with a complete picture of the IT environment. It uses predictive analytics to help you improve performance and avoid disruption by enabling you to proactively identify and remediate issues before they affect the business.

Additionally, it provides an onramp to the Software-Defined Data Center (SDDC) helping you prepare for storage and network virtualization with management tools that are designed with the SDDC in mind.

Learn More

For information or to purchase VMware products, call 1-877-VMWARE (outside North America, dial +1-650-427-5000), visit <http://www.vmware.com/products>, or search online for an authorized reseller. For details on vRealize Operations Insight, see: www.VMware.com/go/vROI.



Intelligent operations management from apps to storage - for vSphere and physical hardware, for businesses of all sizes.

CAPABILITY MATRIX: VREALIZE OPERATIONS INSIGHT AND VSPHERE WITH OPERATIONS MANAGEMENT			
Solution	vSphere with Operations Management	vRealize Operations Insight	Added Benefits from vRealize Operations Insight
Operations Management Components included	vCenter Operations Management Suite™ STANDARD	vCenter Operations Management Suite ADVANCED vCenter Log Insight™	
Operational Visibility and Management			<ul style="list-style-type: none"> • Integrated solution for performance management, capacity optimization, and real-time log analytics. • 360 degree view of all IT data, with intelligent operations management from Apps to Storage, enabling faster problem resolution. • Predictive analytics leveraging both structured and unstructured data, enabling better performance and uptime. • Up to 54 percent reduction in downtime of tier one applications. • Up to 53 percent reduction in IT costs. • Up to 30 percent reclaimed capacity through optimization. • Higher VM density and increased VM/Admin ratios. • Up to 2.4X return on investment. • Up to 67 percent gain in IT productivity from reduced manual effort and fewer incidents. • Up to 50 percent reduction in time for root cause analysis. • Up to 90 percent reduction in time spent reviewing logs.
Proactive smart alerts	•	•	
Intelligent operations groups and flexible operations policies	•	•	
Comprehensive operations dashboards, and reporting	•	•	
Operational compliance views		•	
Customizable dashboards		•	
Performance Monitoring and Analytics			
vSphere health monitoring	•	•	
Self-learning performance analytics, and dynamic thresholds	•	•	
Root cause analysis and recommendations	•	•	
Monitoring of OS Resources (CPU, disk, memory, network) for Windows, Linux systems		•	
SAN Storage analytics		•	
Extensible with data feeds from third-party storage and network monitoring tools ¹		•	
Capacity Management			
Capacity Metering, Trending, Right-sizing and resource optimization	•	•	
Scenarios, Modeling, Alerting and Reporting	•	•	
Change, Configuration and Compliance Management			
vSphere security hardening		•	
vSphere change, configuration and regulatory compliance		•	
Application Dependency Mapping			
Automated Discovery		•	
Naming and Versioning		•	
Relationship Visualization		•	
Log Management			
Universal log collection and analysis		•	
Clustering technology for log analytics at scale		•	
Automatic selection of best visualization for chosen data		•	
Adding structure to all types of unstructured data		•	
Real-time monitoring, search and log analytics		•	
Intelligent Grouping with machine learning		•	
Built in support for vSphere, Horizon View, and other VMware products		•	
Support for Windows logs		•	
Extensions for VMware and third-party tools ¹		•	
Integration with vCenter Operations Management Suite		•	

¹ For complete list of 3rd party extensions, please visit <https://solutionexchange.vmware.com>.

