VMware vCenter Operations Management Packs

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VMware vCenter Operations Management Packs

VMware® vCenter™ Operations Management Suite™ delivers intelligent operations management from applications to storage and across physical, virtual, and cloud infrastructures – with predictive analytics and policy-based automation.

VMware vCenter Operations Management Packs extend the capabilities of vCenter Operations Management Suite to third-party products and technologies to enable end-to-end operations intelligence with data visualizations, dashboards, reports, alerts, and actions. An Operations Management Pack can also be delivered in the form of an agent plugin, content pack or compliance pack. vCenter Operations Management Packs extend the power of vCenter Operations Management Suite to hybrid and heterogeneous environments, providing comprehensive visibility in a single operations console across applications, storage and network devices.

Note: vCenter Operations Management Packs were earlier referred to as "Third Party Adapters".

Types of Management Packs

vCenter Operations Management Packs are built by VMware or a partner and fall into the following categories (Figure 1):

Advanced Management Packs

Advanced Management Packs are available with the Advanced or Enterprise edition of the vCenter Operations Management Suite. These Management Packs target infrastructure and OS.

Enterprise Management Packs

Enterprise Management Packs are available with the Enterprise edition of the vCenter Operations Management suite. These Management Packs target business-critical applications.

Operating System Agent Plug-ins

OS agent plugins are available with the Advanced or Enterprise editions of vCenter Operations Management Suite. These plugins are deployed with VMware vCenter™ Hyperic® and collect operating system data.

Application Agent Plug-ins

Application agent plugins are available with the Enterprise edition of vCenter Operations Management Suite. These plugins are deployed with vCenter Hyperic and collect application data.

Content Packs

Content Packs are available with VMware® vCenter™ Log Insight™ and provide log analytics and dashboards for a broad set of log data sources.

Advanced Compliance Packs

Compliance Packs are available with the Advanced edition of vCenter Operations Management Suite. These are deployed with VMware® vCenter™ Configuration Manager™ and contain compliance templates for a wide variety of elements.
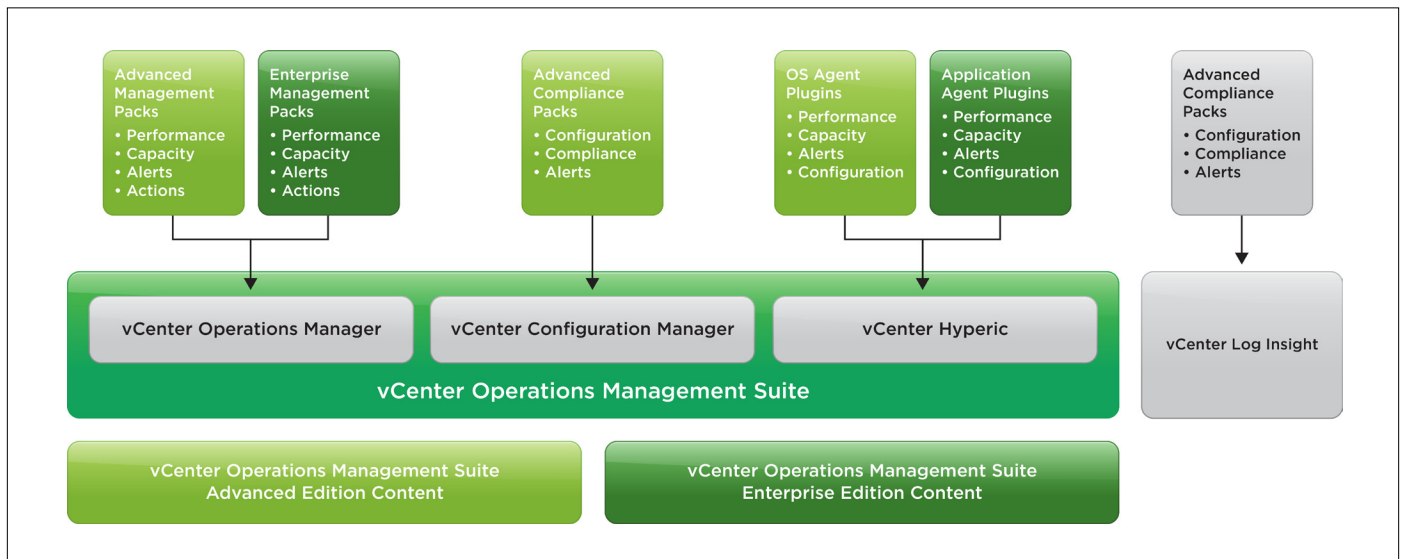

Figure 1

Where to Get a Management Pack?

All the vCenter Operations Management Packs are listed on the VMware Solution Exchange and available in one of the following ways:

1. Download on VMware Solution Exchange

2. Fulfillment by Partner

Most of the Management Packs are free to download with a few available as paid options.

Available Management Packs

Available vCenter Operations Management Packs can be classified into the following two major categories:

(a) Advanced Management Packs – Part of vCenter Operations Management Suite Advanced edition

(b) Enterprise Management Packs – Part of vCenter Operations Management Suite Enterprise edition

Advanced Management Packs (Available with vCenter Operations Management Suite Advanced)

MANAGEMENT PACK	PUBLISHER	DESCRIPTION	FREE/PAID
VMware vCloud® Networking and Security™ (Supports VCNS 5.1 and 5.5)	VMware	Provides network-centric operations management visibility into the virtual edge services available through VMware vCloud Networking and Security offerings	Free
Storage Devices	VMware	Provides visibility into the physical storage stack such as HBAs, Fabric and Arrays via out-of-the-box dashboards	Free
EMC Smarts	VMware	Provides visibility into health, risk and capacity issues related to the server and networking hardware devices within Smarts	Free
Amazon Web Services (AWS)	VMware	Provides out-of-the-box dashboards for health and performance insights on AWS resources	Free
Brocade SAN Analytics	Brocade (Fulfillment by Partner)	Simplifies SAN operations management, optimizes asset utilization and reduces the time to troubleshoot SAN issues for faster recovery and increased availability	Free
Hitachi Unified Compute Platform	Hitachi Data Systems (Fulfillment by Partner)	Centralizes and automates the management of servers, storage and networking components as business resource pools.	Free
NetApp Storage	Blue Medora (Fulfillment by Partner)	Provides performance data, relationship data, and events for NetApp storage objects.	Paid
EMC Storage Analytics	EMC (Fulfillment by Partner)	Provides storage analytics for EMC VNX and VMAX storage infrastructure in VMware virtual environments.	Paid
Dell Storage	Dell (Fulfillment by Partner)	Provides storage analytics coupled with VMware infrastructure analytics, enabling admins to quickly identify issues and perform faster remediation	Free
HP Storefront	HP (Fulfillment by Partner)	Provides deep insights from HP 3PAR StoreServ storage array via standard and custom dashboards in VMware® vCenter™ Operations Manager™	Paid
Stratusphere UX	Liquidware Labs (Fulfillment by Partner)	Provides time-based metrics for desktop user experience and resource utilization across all desktops - physical and virtual - in the enterprise.	Paid

Enterprise Management Packs (Available with vCenter Operations Management Suite Enterprise)

MANAGEMENT PACK	PUBLISHER	DESCRIPTION	FREE/PAID
Microsoft SCOM	VMware	Provides visibility into the health and performance of resources managed by Microsoft SCOM. Out-of-the-box dashboards enable quick identification and resolution of problems in Hyper-V, Exchange, and SQL Server environments.	Free
HP Business Activity Center	VMware	Collects metrics from HP Business Availability Center (BAC). HP BAC contains components for monitoring and managing business services and applications.	Free
TeamQuest Manager	VMware	Provides visibility into a wide variety of different server types being monitored by TeamQuest software and gathers data for some applications	Free
Compuware Gomez	VMware	Provides Gomez Backbone measurements by running Backbone tests from Gomez nodes on the Internet backbone and gathering last-mile data from users' desktops.	Free
Keynote	VMware	Collects resource data and performance metrics - both in real-time as well as historical trends - from the Keynote Web monitoring system via creating resources in vCenter Operations Manager.	Free
HP SiteScope	VMware	Collects metrics from log files generated by HP SiteScope. The data consists of monitor classes, including the attributes and monitor groups for each monitor class.	Free
SAP CCMS	Blue Medora (Fulfillment by Partner)	Creates resources for specific SAP objects and collects metrics from an SAP server via SAP BAPI calls using an adjustable collection interval.	Paid
Oracle OEM	Blue Medora (Fulfillment by Partner)	Provides a unified view of health, performance, and capacity metrics to Oracle DBAs and system admins for Oracle databases, middleware, and business-critical applications.	Paid
IBM Tivoli	Blue Medora (Fulfillment by Partner)	Integrates with ITM (IBM SmartCloud Monitoring) based products and provides visibility into IBM DB2, WebSphere J2EE, as well as various operating systems, showcasing health, performance, and capacity metrics for ITM monitored workloads.	Paid

Note:

• This whitepaper may not contain all the available Management Packs and will be updated periodically. To view the latest version of this whitepaper, please visit http://www.vmware.com/go/management-packs

• To view the latest listing of all Management Packs, Agent Plugins, Content Packs and Compliance Packs, please visit VMware Solution Exchange - https://solutionexchange.vmware.com/store/vcops

Plug-ins and Compliance Packs

OPERATING SYSTEM AGENT PLUG-INS (AVAILABLE WITH VCENTER OPERATIONS MANAGED SUITE ADVANCED)	
NetApp Filer	Monitors every metric, log, and configuration for NetApp File Server
APPLICATION AGENT PLUG-INS (AVAILABLE WITH VCENTER OPERATIONS MANAGEMENT SUITE ENTERPRISE)	
JBoss	Manages a JBoss application server and the services it comprises
Memcached	Monitors Memcached general-purpose distributed memory caching system.
GlassFish	Monitors GlassFish application servers
Informix	Monitors IBM Informix database servers
Cloud Foundry	Monitors applications running on Cloud Foundry
Java Applications	Monitors Java applications via Java Management Extensions (JMX) technology.
Microsoft .NET	Provides visibility into the .NET objects, their performance and availability
IBM WebSphere Application Server	Provides inventory, monitoring and control for all WebSphere components.
Microsoft Active Directory	Manages Active Directory and its services such as LDAP
Jetty	Provides visibility into the availability, performance and throughput of Jetty server
Microsoft Exchange Server	Manages Microsoft Exchange Server
Pivotal GemFire	Provides monitoring of Pivotal GemFire (formerly VMware vFabric GemFire) components
Perlbal	Auto-discovers the Perlbal server and monitors its availability and throughput
Pivotal SQLFire	Manages the SQLFire distributed system and the servers and services it comprises
WebSphere MQ	Monitors the various components of WebSphere MQ server deployment
Microsoft SharePoint	Manages SharePoint server exposed via Windows performance counters
Microsoft IIS	Monitors IIS server as well as each virtual directory defined in the server
Pivotal Web Server	Monitors Pivotal Web Server instances and their virtual hosts
vFabric Spring Insight	Provides the ability to collect and view Spring Insight data in the Hyperic Console.
Pivotal tc Server	Manages the health and performance of the tc Server instance.
Zimbra	Provides visibility into Zimbra and its infrastructure components
Microsoft SQL Server	Manages Microsoft SQL Server infrastructure and visualizes monitoring data
Apache Web Server	Provides auto-discovery and management of Apache HTTP server and virtual hosts
Apache Tomcat	Provides visibility into Tomcat server as well as every webapp and connector
Apached Geronimo	Provides the most complete Geronimo monitoring and management solution
ADVANCED COMPLIANCE PACKS (AVAILABLE WITH VCENTER OPERATIONS MANAGEMENT SUITE ADVANCED)	
PCI – DSS For vSphere	Automates validation of technical controls suggested by PCI DSS 3.0

Compatibility with vCenter Operations Management Suite

All the currently available vCenter Operations Management Packs are compatible with the latest release of vCenter Operations Management Suite. Operations Management Packs available as part of vCenter Operations Management Suite 5.x have been developed with forward compatibility.

Support

Whether or not you obtain your management pack from VMware, you can call VMware support for any request or issue pertaining to a vCenter Operations Management Pack. If the Management Pack is not built by VMware, we will reach out to the appropriate VMware partner and coordinate the process of getting your issue addressed.

How to Buy

For information on pricing for vCenter Operations editions, visit http://www.vmware.com/products/vcenter-operations-management/pricing

To purchase VMware vCenter Operations Management Suite, use the online VMware Partner Locator to find an authorized reseller in your area: http://partnerlocator.vmware.com/

VMware Solution Exchange: https://solutionexchange.vmware.com/store/vcops

Learn More

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

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