FUJITSU

VMware vSphere with Operations Management 6

Virtualization with Consistent Management

Run your applications with confidence on your virtualized platform and respond faster to business needs with VMware vSphere with Operations Management.

vmware®

At a glance

Server-Virtualization with VMware vSphere

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

VMware vSphere in combination with operations management capabilities has enabled customers to
- 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

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.

INDUSTRY-LEADING
VIRTUALIZATION
PLATFORM

+

UNIFIED, EASY-TO-USE
OPERATIONS
MANAGEMENT

.

Features of each VMware vSphere with Operations Management Edition

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, Rightsizing and resource optimization	•	•	•
Scenarios, Modeling, Alerting and Reporting	•	•	•
Workload Management			
Workload Balance Plans		•	•
Operational Move Actions	•	•	•
Rebalance Action		•	•
Capacity Utilization Dashboard	•	•	•
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			•

EDITIONS	STANDARD	ENTERPRISE	ENTERPRISE PLUS
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			•

PRIMERGY
Following PRIMERGY Servers are released for VMware software:
VMware Systems Compatibility HCL: http://vmware.com/go/hcl

Fujitsu Manageability with ServerView Suite
ServerView is able to manage PRIMERGY servers by means of the CIM provider that Fujitsu has integrated for VMware vSphere
- Management of the physical machine under the host operating system ESXi
- ServerView RAID for configuration and management of the RAID controllers in the physical machine
- Management of the virtual machines under the guest operating systems Windows and Linux
- Remote access via onboard Integrated Remote Management Controller (IRMC), Remote Management Controller (RMC), Baseboard Management Controller (BMC), or Remote Service Board (RSB)
- Even enables access to the hardware for diagnostic purposes in the event of a failure.

Support

Mandatory Support and Subscription (SNS)
SNS (Support and Subscription) is mandatory for at least 1 year for all VMware software products. Fujitsu offers its own support for VMware OEM software products. This support is available for different retention periods and different support levels. The Fujitsu support levels are: Platinum Support (7x24h) or Gold Support (5x9h). Both service levels can be ordered either for 1, 3 or 5 year support terms. Please choose the appropriate Support for your project.
Your support agreement is with Fujitsu and VMware exclusively through Fujitsu (not with VMware directly). SNS is only for Fujitsu servers like PRIMERGY and PRIMEQUEST. Of course, SNS for VMware (OEM) software products can be renewed at Fujitsu prior to the end of the SNS term. SNS for VMware (OEM) software products cannot be renewed at VMware directly.

Support Terms and Conditions
Fujitsu Terms and Conditions can be found under:
FUJITSU ServiceContract Software
FUJITSU Support Pack Software
Technical Appendix VMware Software

Fujitsu Professional Service
Installation, configuration or optimization services for VMware software are optional service offerings. Additionally operations services from Fujitsu are available. Any additional and optional service can be requested from Fujitsu Professional Services.

Product Activation Code Registration
Please register your activation code at
http://www.vmware.com/code/fsc.
Registration will generate the license key. Help can be found at:
http://www.vmware.com/support/licensing.html.
If you have any problems, you can send an email to
vi-hotline@vmware.com.

Warranty
Class: C

Conditions
This software product is supplied to the customer under the VMware conditions as set forth in the EULA of the VMware software at
http://www.vmware.com/download/eula/.

More information

Fujitsu offerings

In addition to VMware software, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

Fujitsu Portfolio

Built on industry standards, Fujitsu offers a full portfolio of IT hardware and software products, services, solutions and cloud offering, ranging from clients to datacenter solutions and includes the broad stack of Business Solutions, as well as the full stack of Cloud offerings. This allows customers to select from alternative sourcing and delivery models to increase their business agility and to improve their IT operation's reliability.

Computing Products

www.fujitsu.com/global/products/computing/

Software

www.fujitsu.com/software/

More information

To learn more about VMware vSphere please contact your Fujitsu sales representative, Fujitsu business partner, or visit our website. www.fujitsu.com/fts

Fujitsu green policy innovation

Fujitsu Green Policy Innovation is our worldwide project for reducing burdens on the environment.
Using our global know-how, we aim to contribute to the creation of a sustainable environment for future generations through IT.
Please find further information at http://www.fujitsu.com/global/about/environment

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