FUJITSU

VMware vSphere vCenter Server 6

Central virtualization management.

Centrally managed VMware virtual infrastructure delivered with confidence.
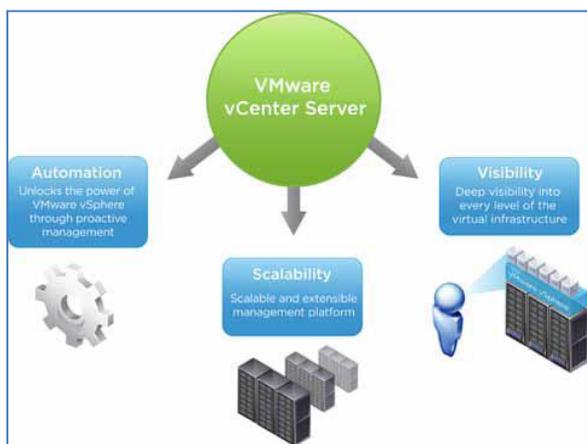
vmware®

At a Glance

VMware vCenter Server™ provides a centralized and extensible platform for managing VMware virtual infrastructures. vCenter Server manages VMware vSphere® environments, giving IT administrators simple and automated control over the virtual environment to deliver infrastructure with confidence.

Key Benefits

- Analyze and remediate issues quickly with visibility into vSphere virtual infrastructure.
- Deliver the security and availability of vSphere through automated proactive management features such as automated load balancing and out-of-the-box automation workflows.
- Extend VMware virtualization capabilities using third party ecosystem solutions.

What Is VMware vCenter Server?

VMware vCenter Server provides centralized management of vSphere virtual infrastructure. IT administrators can ensure security and availability, simplify day-to-day tasks, and reduce the complexity of managing virtual infrastructure.

How does vCenter Server work?

Centralized control and visibility at every level

vCenter Server provides centralized management of virtualized hosts and virtual machines from a single console. It gives administrators deep visibility into the configuration of the critical components of a virtual infrastructure—all from one place.

With vCenter Server, virtual environments are easier to manage: a single administrator can manage hundreds of workloads, more than doubling typical productivity when managing physical infrastructure.

Virtual Infrastructure delivered with confidence

Consistently meeting business-critical application service-level agreements (SLAs) requires automated proactive management to maximize the capabilities of vSphere. Key capabilities enabled by vCenter Server include VMware vSphere vMotion®, VMware vSphere Distributed Resource Scheduler™, VMware vSphere High Availability (HA) and VMware vSphere Fault Tolerance.

With automated proactive management, vCenter Server allows service levels to be met by dynamically provisioning new services, balancing resources and automating high availability.

Extensible platform

The open plug-in architecture of vCenter Server supports a broad range of additional capabilities from VMware and Fujitsu. Fujitsu ServerView and ETERNUS SF integrate with vCenter Server, enabling new capabilities such as capacity management, compliance management, business continuity and storage monitoring.

Topics

How is vCenter Server used?

Enterprises face ever-increasing pressure to deliver IT infrastructure at the lowest total costs while consistently meeting SLAs. By using centralized and proactive management of virtual infrastructure, enterprises can ensure that IT consistently meets the needs of business.

Key Features

Centralized control and visibility

VMware vSphere Web Client – Manage the essential functions of vSphere from any browser anywhere in the world.

Multi-hypervisor management – Provides simplified and integrated management of VMware and Hyper-V hosts.

vCenter single sign-on – Simplify administration by allowing users to log in once and then access all instances of vCenter Server and VMware vCloud® Director™ without further authentication.

Inventory search – Have the entire vCenter Server inventory, including virtual machines, hosts, datastores and networks, at your fingertips.

Alerts and notifications – Support new entities, metrics and events such as datastore- and virtual machine–specific alarms. These alarms can trigger new automated workflows to remedy and preempt problems.

Proactive management

Host profiles – Standardize and simplify how you configure and manage VMware ESXi™ host configurations. Capture the blueprint of a known, validated configuration—including networking, storage and security settings—and deploy it to many hosts, simplifying setup. Host profile policies can also monitor compliance.

Resource management for virtual machines – Allocate processor and memory resources to virtual machines running on the same physical servers. Establish minimum, maximum and proportional resource shares for CPU, memory, disk and network bandwidth.
Modify allocations while virtual machines are running. Enable applications to dynamically acquire more resources to **accommodate peak performance.**

Dynamic resource allocation – vCenter Server continuously monitors utilization across resource pools and intelligently allocates available resources among virtual machines according to predefined rules that reflect business needs and changing priorities. The result is a self-managing, highly optimized and efficient IT environment with built-in load balancing.

Automatic restart of virtual machines with VMware vSphere HA – Automatically restart virtual machines that have failed without manual intervention.

Audit trails – Maintain records of significant configuration changes and export reports for event tracking.

Patch management – Using the capabilities of VMware vSphere Update Manager™, enforce compliance to patch standards through automated scanning and patching of online ESXi hosts and select Microsoft and Linux virtual machines.

vCenter Operations Manager Foundation (included) – Enable the performance and health of vSphere infrastructure with deep operational insights and visibility.

Extensible Platform

Linked Mode – vCenter Server provides scalable architecture and visibility across multiple vCenter Server instances, with roles, permissions and licenses replicated across the infrastructure.
You can log in, view and search the inventories of all vCenter Servers simultaneously.

APIs –Integration with Fujitsu management tools extends capabilities of the virtual infrastructure.

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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