VMware vCloud Suite
Standard, Advanced and Enterprise Editions

The VMware vCloud Suite is a complete, integrated cloud solution that accelerates service provisioning while simplifying IT operations and delivering the best SLAs for all applications. This integrated product offering includes all the elements to build a complete cloud solution and to operationalize customers' VMware vSphere® virtualized environments.

vCloud Suite is available in three editions: Standard, Advanced and Enterprise. It includes the following products:

• vSphere
• vCloud Director and vCloud Connector
• vCloud Networking and Security
• vCenter Site Recovery Manager
• vCenter Operations Management Suite
• vFabric Application Director for Provisioning
• vCloud Automation Center

KEY BENEFITS

• **Increase IT responsiveness to the business** – Enable IT to deliver agility with self-service access to cloud services and automated infrastructure and application provisioning supported by flexible software-defined networking, security and storage

• **Simplify and Automate IT operations management** – Enhance IT productivity and peace of mind in a dynamic environment through complete monitoring and management of datacenter resources.

• **Deliver the best SLAs to all applications** – Empower IT to bring disaster protection, operational and regulatory compliance to all workloads.

What Is VMware vCloud Suite?

VMware virtualization has helped customers dramatically reduce capital expenses through server consolidation. It has improved operating expenses through automation, and it has minimized lost revenue with reduced planned and unplanned downtime. Today enterprises also need better time to market for their products and services. Business units demand rapid access to IT resources and applications. To support these goals, IT teams need to be more agile while ensuring that datacenters can be fully monitored, managed and protected. With vCloud Suite, VMware enables customers to achieve the full benefits of a private or hybrid cloud—increased responsiveness, simplified operations and the best service-level agreements (SLAs)—with a single package.

VMware vCloud Suite - complete, integrated cloud solution

How Is vCloud Suite Used?

vCloud Suite brings together all the capabilities IT needs to run an agile datacenter and deliver the promise of a private or hybrid cloud.

Rapid Access to Resources and Applications

vCloud Suite empowers IT to deliver policy-controlled self-service of IT services, enable provisioning of virtual machines and multi-tier applications within minutes, and expand the capacity available to business units both onsite and offsite.

vCloud Suite includes VMware vCloud Automation Center which brings the power of managed self-service provisioning of IT services through a secure, policy-controlled and user-friendly portal. vFabric Application Director can be hosted by IT organizations to provide application teams with the ability to assemble applications top - down using standardized components and then deploy them via self - service. As a result IT can react with agility and operational efficiency to the demands of the business. Also supporting this agility is simplified and on-demand delivery of IT resources and virtual machines through VMware vCloud Director. Virtual Datacenters abstract and pool compute, storage and networking resources and provide security and availability services. Software-defined Networking allows virtual machines in a VMware cloud to utilize resources anywhere in the datacenter, regardless of networking boundaries. With VMware vCloud Connector IT can be ready for unexpected demand by leveraging trusted VMware-based off-premise public clouds as needed.

Simplify and Automate Operations Management

As the datacenter becomes a private or hybrid cloud, operations management becomes an increasingly critical requirement. An agile environment gives rise to elastic scale and constantly changing workloads. To proactively support the business IT needs intelligent capacity planning, automated performance troubleshooting and continuous compliance management.

vCloud Suite includes the comprehensive IT management capabilities of vCenter Operations Management . Performance monitoring and proactive alerting ensure that IT can react to SLA challenges in the cloud before they affect business. Capacity planning, reporting and optimization enable IT to control capacity usage and avoid capacity shortfalls. Configuration and compliance management detects unwanted changes. It helps IT teams maintain continuous compliance with operational best practices and regulatory requirements. With chargeback and showback, IT supports business management processes including enforcing accountability amongst business owners who are consuming virtual resources on demand.

Best SLAs for All Applications

In addition to delivering agility to business owners and optimally managing datacenter resources, IT teams are expected to provide the performance, security and disaster recovery SLAs that the business needs.

vCloud Suite delivers the right performance for all applications, including business-critical workloads and low-latency, I/O sensitive workloads, with its foundation of industry-standard vSphere virtualization. vCloud Suite supplies network load balancers for workloads that have higher performance requirements. vFabric® Hyperic technology enables monitoring of Windows and Linux operating systems, as well as application servers, middleware and database technologies. These capabilities support comprehensive performance SLA management. vCloud Suite enables IT to deliver to security SLAS with flexible software-defined security services such as highly available firewalls. It also provides availability SLAs to all virtual machines running in a vCloud Suite environment through vCenter Site Recovery Manager, which delivers automated disaster recovery planning, testing and execution.

How to Buy

VMware vCloud Suite gives IT access to a complete cloud solution with a single purchase. vCloud Suite is available in three editions:

vCloud Suite Standard – Get started with infrastructure as a service. Enable rapid, managed access to virtual resources and deliver software-defined datacenter services including networking and security within virtual datacenters. Allow extension to external cloud capacity.

vCloud Suite Advanced – Intelligently manage your infrastructure as a service cloud and enable security and performance SLAs. Enable control and accountability with capacity, configuration and chargeback management. A highly available firewall and network load balancer deliver security and performance SLAs.

vCloud Suite Enterprise – Build a complete and mature cloud for IT service and application provisioning and management. Offer quick and consistent on-demand provisioning of multi-tier applications. Deliver availability SLAs for business critical applications with disaster recovery and maintain performance SLAs with application monitoring.

Support

VMware offers global subscription and support (SnS) services to all VMware customers. For customers requiring additional services, VMware also offers professional services engagements on best practices and getting started with your deployment, both directly and through an extensive network of certified professionals. http://www.vmware.com/services/

Find Out 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 detailed product specifications and system requirements, refer to the product documentation.

CLOUD INFRASTRUCTURE & MANAGEMENT		vCLOUD SUITE STANDARD	vCLOUD SUITE ADVANCED	vCLOUD SUITE ENTERPRISE
Cloud Management	**vCloud Automation Center** • Provisioning and management of IT services in vSphere environments			●
	vFabric Application Director for Provisioning • Automated configuration and deployment of multi-tier cloud applications			●
	vCenter Operations Management • Application Monitoring – OS, middleware, databases • Configuration Compliance – vSphere host & VM change and configuration • Performance & Capacity Optimization – analytics, dashboards and alerting • Application Awareness – discovery dependency mapping • Chargeback – metered utilization reporting and accountability		*vCOPS Advanced* ● ● ● ●	*vCOPS Enterprise* ● ● ● ● ●
Cloud Infrastructure	**vCenter Site Recovery Manager** • Automated disaster recovery planning, testing, and execution			*SRM Enterprise* ●
	vCloud Networking and Security • Advanced continuous availability firewall and network* • Software defined networking, security, and ecosystem integration*	*vCloud Net & Sec Standard* ● ●	*vCloud Net & Sec Advanced* ● ●	*vCloud Net & Sec Advanced* ● ●
	vCloud Director & vCloud Connector • Virtualized datacenters with multi-tenancy and public cloud extensibility	*vCD & vCC Adv* ●	*CD & vCC Adv* ●	*CD & vCC Adv* ●
	vSphere • Virtualized infrastructure with policy-based automation	*vSphere Enterprise Plus* ●	*vSphere Enterprise Plus* ●	*vSphere Enterprise Plus* ●

Note: vCloud Suite editions are licensed per-CPU with no limitation on cores, VMs or vRAM.

* New Products

vmware®