

# VMware vCloud Suite

## Standard, Advanced and Enterprise Editions

### AT A GLANCE

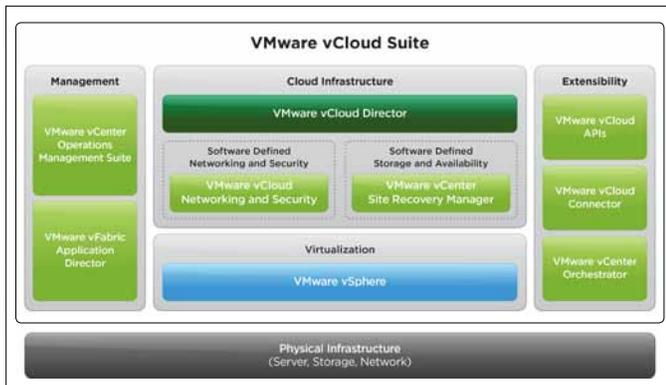
VMware vCloud® Suite simplifies IT operations while delivering the best SLAs for all applications. This integrated product offering includes all the elements to build a complete infrastructure-as-a-service cloud and to operationalize customers' VMware vSphere® virtualized environments.

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

- VMware vSphere
- VMware vCloud Networking and Security
- VMware vCloud Director™ and VMware vCloud Connector™
- VMware vFabric™ Application Director™
- VMware vCenter™ Operations Management Suite™
- VMware vCenter Site Recovery Manager™

### BENEFITS

- **Increase IT responsiveness to the business** – Enable IT to deliver agility with flexible software-defined networking, security and storage services, coupled with on-demand virtual infrastructure provisioning.
- **Simplify 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.



VMware vCloud Suite - complete, integrated cloud solution

### 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.

### 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.

#### On-Demand Virtual Infrastructure Provisioning Enabled by Software-Defined Services

vCloud Suite enables IT to rapidly provision vSphere servers on demand, enable provisioning of virtual machines and multitier applications within minutes, and expand the capacity available to business units both onsite and offsite.

vCloud Suite includes VMware vSphere Auto Deploy™, enabling VMware deployments to be scaled on-demand. The multitenant virtual datacenters created with vCloud Director can manage the capacity of multiple vSphere clusters. This ensures flexibility, high hardware utilization and on-demand capacity for tenants. Software-defined networking provided by vCloud Networking and Security allows virtual machines in a VMware cloud to utilize resources anywhere in the datacenter, regardless of physical networking boundaries. And with vCloud Connector, IT can be ready for unexpected demand by leveraging trusted VMware based public clouds as needed.

Taking advantage of this underlying flexibility, vCloud Director makes it easy to deliver and allow consumption of infrastructure as a service in a matter of minutes, while vFabric Application Director brings consistency and speed to the provisioning of multitier applications.

#### Intelligent 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. With chargeback and showback, IT can enforce accountability among business owners who are consuming virtual resources on demand. Configuration and compliance management detects unwanted changes and helps IT maintain continuous compliance with operational best practices and regulatory requirements.

**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 is based on industry-standard vSphere virtualization, which is proven to deliver the right performance for all applications, including business-critical workloads as well as low-latency, I/O-sensitive workloads. vCloud Suite supplies network load balancers for workloads that have higher performance requirements. It also enables IT to provide flexible software-defined security services such as highly available firewalls. All virtual machines running in a

vCloud Suite environment achieve availability SLAs with 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. Deliver software-defined datacenter services, including networking and security within virtual datacenters, and enable rapid, managed access to virtual resources.

**vCloud Suite Advanced** – Intelligently manage your infrastructure-as-a-service cloud. Proactive, automated management of performance and capacity improve peace of mind. A highly available firewall and network load balancer deliver security and performance SLAs.

**vCloud Suite Enterprise** – Build a complete and mature cloud for infrastructure as a service and rapid application provisioning. Enable control and accountability with configuration and chargeback management. Deliver availability SLAs for business-critical applications with disaster recovery. Offer quick and consistent on-demand provisioning of multi-tier applications.

		VCLLOUD SUITE STANDARD	VCLLOUD SUITE ADVANCED	VCLLOUD SUITE ENTERPRISE
Virtualization	<ul style="list-style-type: none"> <li>• <b>VMware vSphere Enterprise Plus Edition™</b> Virtualized Infrastructure with policy-based automation</li> </ul>	•	•	•
Cloud Infrastructure	<ul style="list-style-type: none"> <li>• <b>vCloud Director and vCloud Connector</b> Virtualized datacenters with multitenancy and public cloud extensibility</li> </ul>	•	•	•
	<ul style="list-style-type: none"> <li>• <b>Standard vCloud Networking and Security*</b> Software-defined networking, security and ecosystem integration</li> </ul>	•	•	•
	<ul style="list-style-type: none"> <li>• <b>Advanced vCloud Networking and Security*</b> Continuous firewall and network availability</li> </ul>		•	•
	<ul style="list-style-type: none"> <li>• <b>vCenter Site Recovery Manager Enterprise</b> Automated disaster recovery planning, testing and execution</li> </ul>			•
Operations Management	<ul style="list-style-type: none"> <li>• <b>vCenter Operations</b> Performance monitoring and alerting Capacity planning, reporting and optimization</li> </ul>		vCenter Ops Advanced • •	vCenter Ops Enterprise • •
	<ul style="list-style-type: none"> <li>• <b>VMware vCenter Chargeback Manager™</b> Metered chargeback reporting and accountability</li> </ul>			•
	<ul style="list-style-type: none"> <li>• <b>VMware vCenter Configuration Manager™</b> Configuration and compliance management of virtual infrastructure</li> </ul>			•
	<ul style="list-style-type: none"> <li>• <b>VMware vCenter Infrastructure Navigator™</b> Application discovery, dependency mapping, and management</li> </ul>			•
	<ul style="list-style-type: none"> <li>• <b>vFabric Application Director</b> Multitier application service catalog publishing and provisioning</li> </ul>			•

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

## 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.

