VMware vCloud Suite

What is VMware vCloud Suite?

VMware vCloud Suite is a package that includes VMware's market leading vSphere Plus hypervisor with VMware's hybrid cloud management platform, VMware vRealize Suite. VMware's new portable licensing units allow vCloud Suite to build and manage both vSphere-based private clouds as well as multi-vendor hybrid clouds.

VMware vCloud Suite contains these integrated products:

- **VMware vSphere®:** Industry leading server virtualization platform.
- **VMware vRealize® Suite Cloud Management Platform**
  - **VMware vRealize Operations™:** Intelligent performance, capacity, and configuration management for multi-vendor environments.
  - **VMware vRealize Automation™:** Self-service, policy-based infrastructure and application provisioning and lifecycle management for virtual, physical, and public cloud environments.
  - **VMware vRealize Business™:** Automated costing, usage metering, and service pricing of multi-vendor virtualized environments.

Best Management for the Software-Defined Data Center
The vRealize Suite Cloud Management Platform (CMP) is the management control plane for the Software-Defined Data Center (SDDC). Native integrations across VMware technologies makes vRealize Suite the best choice for organizations building out an SDDC based on VMware virtualization technologies.

The integration across vRealize Suite management domains means that VMware can provide a holistic and integrated approach to the management of a SDDC. For example, within VMware's vRealize Suite, operational capabilities that highlight resource inefficiencies within the infrastructure are connected with automation capabilities that can manage the reclamation of unused resources.

VMware's CMP technologies are also natively integrated with other VMware SDDC solutions. For instance, VMware NSX® constructs such as networking and firewalling are natively available for inclusion in service templates created using VMware's CMP. This means that virtual networks, load balancers, and firewalls can be instantiated on demand when provisioning resources.

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What Does vCloud Suite Deliver?

VMware vCloud Suite is a combination of an enterprise-proven virtualized infrastructure and a multi-vendor hybrid cloud management platform that delivers the industry's most complete solution for building and managing a private cloud. vCloud Suite delivers the following capabilities

- **Data Center Virtualization**
  Leverage the world's leading virtualization platform as the foundation for multiple data center initiatives. Consolidate servers and data centers. Improve application availability and performance. Address application requirements for scale up or scale out.
- **Intelligent Operations**
  Deliver proactive management of performance, availability and capacity across all data center domains including applications, compute, network and storage. Build the foundation for successful developer agility and infrastructure modernization initiatives.
- **IT Automating IT**
  Rapidly provision infrastructure and application resources across development, test, QA and production. Effectively manage these resources from initial provisioning through retirement in order to maximize both capital and operational spending. Understand the cost of infrastructure and the consumption of resources by end users.
- **DevOps Ready IT**
  Deliver a complete application stack across vSphere and hybrid cloud resources and support developer access from both API and GUI.

How to Buy

VMware vCloud Suite simplifies deployment and adoption of the SDDC architecture and its components with a single purchase. vCloud Suite is designed for vSphere environments and comes in three editions: Standard, Advanced, and Enterprise.

Each edition is targeted at a specific deployment use case:

- Standard Edition – provides Intelligent Operations Management for companies looking to improve application performance and availability via predictive analytics and smart alerts.
- Advanced Edition – delivers IT Automation to IaaS
- for companies who need to accelerate the delivery of IT infrastructure services by automating their delivery and ongoing management.
- Enterprise Edition – empowers DevOps Ready IT for companies with DevOps initiatives who are looking to automate the delivery and management of full application stacks.
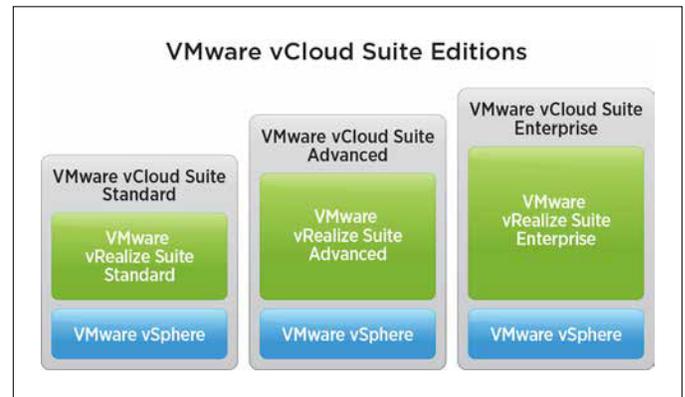

Figure 2: vCloud Suite Editions

For more information about the components included in each vCloud Suite edition, visit the vRealize Suite Compare Edition Web page.

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.