

MEDIA BACKGROUNDER

VMware vCloud® Suite 5.5: Comprehensive, Integrated Private Cloud Solution that Simplifies IT Operations While Optimizing Service Level Agreements for Applications

Overview

Today, Aug. 26, 2013 at VMworld® in San Francisco, VMware announced VMware vCloud® Suite 5.5, a new release of the comprehensive and integrated suite of cloud infrastructure and management software that enables customers to build and operate vSphere®-based private clouds using the software-defined data center architecture. VMware vCloud Suite 5.5 enables customers to deliver IT-as-a-Service through policy-driven automation to improve levels of efficiency, agility and control in data center environments.

VMware vCloud Suite Capabilities and Benefits

VMware vCloud Suite features best-in-class automated operations management, native virtualization-aware security, automated business continuity and unequalled platform reliability. With the VMware vCloud Suite, customers can achieve cloud service provider-level economics, agile application provisioning in minutes to respond to ever-changing business demands, and the right availability, security and compliance for each application with policy-based governance.

Enhanced VMware vCloud Suite 5.5 Product Releases

VMware vCloud Suite 5.5 features enhanced product offerings including:

- **VMware vSphere 5.5, the new release of the world's leading virtualization platform –** VMware vSphere 5.5 delivers new features and enhancements across compute, storage, availability and backup, among other areas. VMware continues to evolve the vSphere platform to deliver industry-leading performance and availability for business-critical applications as well as new workloads. VMware vSphere 5.5 features:
 - **New VMware vSphere App HA –** will deliver a new level of high availability for the most common applications on the market, helping detect and recover from application or operating system failure.
 - **New VMware vSphere Flash Read Cache™ –** will enable vSphere to virtualize server-side flash providing a high-performance read cache layer that lowers application latency.
 - **New VMware vSphere Low Latency Sensitivity –** this new feature will minimize latency for a wide range of applications including most business-critical applications such as database systems, Web applications, and messaging systems.
 - **New VMware vSphere Big Data Extensions –** customers will now be able to run Apache Hadoop and big data workloads on vSphere, alongside other applications, to help achieve greater resource utilization, reliability and agility on a common platform.
 - **Configuration enhancements –** vSphere configurations will enable two times the previous physical CPU, memory and NUMA node limits to support the most demanding workloads.
 - **Support for new processors –** VMware vSphere 5.5 now supports next-generation Intel® Xeon® processor E5 v2 and Intel® Atom™ Processor C2000.
 - **VMware vSphere Data Protection –** Introduced in vSphere 5.1, this feature will enable restoration directly to a host without dependence on VMware vCenter Server.

- **VMware vSphere Replication** – Also introduced in vSphere 5.1, this feature will now deliver multiple point-in-time snapshots for more granular recovery as well as support for vSphere Storage DRS and vSphere Storage vMotion®.
- **Automation and operations management capabilities will be featured in all editions of VMware vCloud Suite 5.5** – VMware vCloud Automation Center® will provide the agility customers need with the control IT requires through a flexible solution for automating the delivery of IT applications and services. VMware vCenter™ Operations Management Suite™ delivers integrated, proactive performance, capacity and configuration management capabilities for dynamic cloud environments. Automated application provisioning and deployment capabilities have also been added to the Enterprise edition of the VMware vCloud Suite 5.5.
- **VMware vCenter Site Recovery Manager™ 5.5 will provide more granular control in addition to replication of larger environments** – VMware vCenter Site Recovery Manager 5.5 features new support for vSphere Storage DRS™ and vSphere Storage vMotion when moving within a consistency group. Customers will have the option of using older snapshots during failover to protect against file corruption. Additionally, new support for vSphere Replication in VMware Virtual SAN environments enables customers to protect larger environments with higher virtual machine limits on storage-based replication.
- **Moving beyond workload transfer, VMware vCloud Connector™ 2.5 will deliver an integrated and improved operations center for hybrid cloud environments** – New features and enhancements include:
 - Offline Data Transfer - customers can now transport the largest of workloads to the VMware vCloud Hybrid Service™ using a secure NAS device.
 - The product also incorporates new performance functionality including support for the UDT protocol, which shortens transfer time significantly as well as path optimization to enable single and multiple concurrent transfers to be faster and more efficient than before.
- New releases of VMware vCloud Director® 5.5 and VMware vCloud Networking and Security™ 5.5 are also available in the latest release of the suite.

Comments on the News

“Deloitte is utilizing the VMware vCloud Suite to accelerate the vision of IT as a Service,” said Tim Fleming, CIO, Deloitte Australia. “We have invested in VMware to expand our storage capacity and backup functions, and critically offer a secure environment that provides the reliability and agility that a high performing business demands. VMware vCloud will also deliver the efficiencies, capacity and data controls that our internal business units require,” Fleming added.

“Orange Business Services relies on agility and efficiency to meet customer demand and seize business opportunities locally and globally,” said Philippe Laplane, Senior VP Orange Cloud for Business at Orange Business Services. “The VMware vCloud Suite is a key component of our global cloud value proposition. vCloud Suite 5.5 seems very promising, we are currently testing it and, as an example, we are already very interested by the Flash Read Cache functionality.”

Pricing and Availability

The VMware vCloud Suite is available in three editions: vCloud Suite Standard (\$4,995 per CPU), vCloud Suite Advanced (\$7,495 per CPU), and vCloud Suite Enterprise (\$11,495 per CPU).

The VMware vCloud Suite is composed of VMware vSphere, VMware vCloud Connector, VMware vCloud Director, VMware vCloud Networking and Security, VMware vCenter Site Recovery Manager, VMware vCenter Operations Management Suite and VMware vCloud Automation Center. Individual products

including VMware vSphere 5.5 and VMware vCenter Site Recovery Manager 5.5 will be available in Q3 2013.

VMware also offers additional products to further extend the capabilities of vSphere-based private cloud environments including VMware NSX, VMware Virtual SAN (available via public beta in Q3 2013), VMware vCloud Hybrid Service, VMware vCenter Log Insight™ and VMware vSphere Data Protection Advanced.

Additional Resources

- [Learn more about the VMware vCloud Suite](#)
- [Access product screenshots, datasheets and videos](#)
- Connect with VMware on [Twitter](#) and [Facebook](#)

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Forward-Looking Statements

This document contains forward-looking statements including, among other things, statements regarding expected features and availability of VMware vCloud Suite 5.5, its potential benefits to customers and expectations of customer interest and demand. These forward-looking statements are subject to the safe harbor provisions created by the Private Securities Litigation Reform Act of 1995. Actual results could differ materially from those projected in the forward-looking statements as a result of certain risk factors, including but not limited to: (i) adverse changes in general economic or market conditions; (ii) delays or reductions in consumer or information technology spending; (iii) competitive factors, including but not limited to pricing pressures, industry consolidation, entry of new competitors into the virtualization and cloud computing markets, and new product and marketing initiatives by our competitors; (iv) our customers' ability to develop, and to transition to, new products and computing strategies such as cloud computing, network virtualization and the software defined data center; (v) the uncertainty of customer acceptance of emerging technology; (vi) rapid technological and market changes in virtualization software and platforms for cloud and end user computing and networking; (vii) our ability to attract and retain highly qualified employees; and (viii) geopolitical events and stability. These forward-looking statements are based on current expectations and are subject to uncertainties and changes in condition, significance, value and effect as well as other risks detailed in documents filed with the Securities and Exchange Commission, including our most recent reports on Form 10-K and Form 10-Q and current reports on Form 8-K that we may file from time to time, which could cause actual results to vary from expectations. VMware assumes no obligation to, and does not currently intend to, update any such forward-looking statements after the date of this release.

Contacts:

Eloy Ontiveros
VMware Global Communications
eontiveros@vmware.com
1.650.427.6145

Angela Nibbs
H+K Strategies for VMware
Angela.nibbs@hkstrategies.com
1.415.281.7181