

### **VMware vSphere® Data Protection™ 5.5 Advanced: Enhanced Backup and Recovery for Virtualized Environments**

#### **Overview**

Announced on October 15, 2013 at VMworld® 2013 Europe, VMware vSphere® Data Protection™ 5.5 Advanced will set the standard for backup and recovery solutions for VMware vSphere environments. It will feature unique capabilities that are designed to significantly reduce backup storage requirements, dramatically accelerate recovery time, and simplify backup services provisioning for virtual machines. Extending the capabilities of VMware vSphere Data Protection, VMware vSphere Data Protection 5.5 Advanced will be able to provide greater scalability and enhanced data protection.

Powered by EMC Avamar technology, VMware vSphere Data Protection Advanced features industry-leading variable-length deduplication that reduces backup storage consumption by four times compared to common deduplication technologies used by other backup solutions. Changed Block Tracking restore delivers six times faster recovery of virtual machines than a regular full image restore. VMware vSphere Data Protection 5.5 Advanced is fully integrated with the VMware vSphere platform enabling simple end-to-end management through the VMware vSphere Web Client. Customers can provision backup services to virtual machines seamlessly within the natural workflows of their virtual infrastructure. VMware vSphere Data Protection 5.5 Advanced will be capable of storing 200 virtual machines per virtual appliance on average and can safely protect small to mid-sized environments of several hundred virtual machines along with remote offices / branch offices.

#### **VMware vSphere Data Protection 5.5 Advanced Capabilities and Benefits**

New features and enhancements in VMware vSphere Data Protection 5.5 Advanced will include assured recovery, increased efficiency and greater scalability. With VMware vSphere Data Protection 5.5 Advanced, customers can expect the best data protection performance with higher deduplication, easier management, increased application-awareness and more efficient built-in backup data replication.

#### **VMware vSphere Data Protection 5.5 Advanced New Features:**

- **New Network-efficient Backup Data Replication** – VMware vSphere Data Protection 5.5 Advanced will deliver the most efficient replication for WAN transmission. Using the most advanced deduplication and compression at the source and target, VMware vSphere Data Protection 5.5 Advanced will help to minimize the size of backups sent across the wire reducing bandwidth requirements. Customer will also be able to replicate to another VMware vSphere Data Protection Advanced virtual appliance, manage replication between EMC Data Domain systems or replicate directly to an EMC Avamar datastore.
- **New EMC Data Domain systems Integration** – Customers will be able to back up to EMC Data Domain systems using VMware vSphere Data Protection 5.5 Advanced as the front-end. The integration architecture will use EMC Data Domain Boost software to increase backup throughput by 50 percent and to decrease network bandwidth by up to 99 percent.
- **New Automated Backup Verification** – Automated restores to an isolated “sandbox” environment executed according to user-defined schedules will confirm that backups are

recoverable without disrupting production systems. Backup verification reports will provide insight into the health of the data being backed up.

- **New Microsoft SharePoint agent** – Will provide application-consistent backup and recovery for SharePoint with client-side de-duplication.
- **Enhanced Microsoft Exchange agent** – Customers will be able to recover individual mailboxes with the improved Microsoft Exchange agent.

### **VMware to Enable Backup to the Cloud services based on vSphere Data Protection 5.5 Advanced**

The ability of VMware vSphere Data Protection 5.5 and VMware vSphere Data Protection 5.5 Advanced to replicate backup data remotely will enable VMware to partner with the broad VMware vCloud Service Provider ecosystem to deliver Backup to the Cloud services aimed at VMware's SMB and mid-market segments.

SunGard Availability Services will be the first service provider to introduce backup and recovery services for vSphere Data Protection and vSphere Data Protection Advanced customers to replicate to the SunGard cloud. These Backup to the Cloud services are expected to become available in conjunction with the general availability of VMware vSphere Data Protection 5.5 Advanced in Q4 2013.

### **vSphere Data Protection Advanced: Opportunities for Partners**

As a part of VMware's commitment to offer predictable, consistent and profitable practices to its partner community through software-defined solutions, VMware vSphere Data Protection Advanced will present an opportunity for partners to increase their deal sizes and profitability, while continuing to add value to their VMware vSphere customer base.

New secure offsite replication features will provide additional managed services or cloud-based services opportunities to VMware partners. New integration with EMC Data Domain will enable partners of both VMware and EMC to present customers with a combined data protection strategy.

Customers interested in VMware vSphere Data Protection Advanced can contact a VMware partner for more information. A directory of VMware partners can be found at <http://partnerlocator.vmware.com>.

### **Comments on the News**

"SMBs and midsized customers with data protection needs for their VMware vSphere environments are focused on efficiency, ease of use and cost," said John Gilmartin, vice president, Cloud Infrastructure Products, VMware. "VMware vSphere® Data Protection™ 5.5 Advanced will deliver exactly that. It's efficiency will keep infrastructure costs down while integration with the platform will simplify management – key for IT organizations with limited staff and resources."

"EMC is pleased to be continuing its collaborative work with VMware to make exceptional data protection capabilities available directly within the vSphere platform," said Deepak Mohan, Senior Vice President of Product Development, EMC Backup Recovery Systems Division. "With the introduction of vSphere Data Protection (VDP) Advanced 5.5, powered by EMC Avamar, those capabilities have taken a significant step forward. By adding EMC Data Domain system integration and new replication capabilities to VDP Advanced 5.5, VMware has extended the overall ecosystem for data protection. Numerous end users and cloud service providers have already invested in EMC's industry-

leading data protection infrastructure and VMware virtualization technologies. These end users and partners now have more options and capabilities than ever before.”

“We are excited to continue to partner with VMware to bring a broad portfolio of cloud-based availability services to market” said Michael de la Torre, Vice President Recovery Services. “Earlier this year we announced Recover2Cloud for vCenter™ Site Recovery Manager, a disaster recovery service based on vCenter™ Site Recovery Manager™. In addition, our broad portfolio provides Backup-as-a-Service offerings for vSphere Data Protection and vSphere Data Protection Advanced. The new built-in backup replication capabilities of these solutions powered by EMC Avamar, enable virtually every VMware vSphere customer to protect their data in the SunGard Cloud.”

"A proud VMware Premier Solution Provider and member of Partner Technical Advisory Board, Anexinet continues to invest in our seven-plus year partnership with VMware to provide the best technology solutions for our clients," said Rob Kim, Vice President of Infrastructure Solutions for Anexinet Technologies. "As our clients continue their journey to the cloud and software-defined data center, data backup and recovery solutions are critical to their Business Continuity plans. Anexinet understands and highly recommends VMware vSphere Data Protection Advanced to provide the solution around virtualized backup and VM data protection. We are eager to take the new VMware vSphere Data Protection 5.5 Advanced to our clients.”

### **Pricing and Availability**

VMware vSphere Data Protection Advanced 5.5 is expected to be available in Q4 2013, and is priced at \$1,095 per processor with no restrictions on number of protected VMs per license.

[Go to VMware vSphere Data Protection Advanced Pricing/Buy page.](#)

### **Additional Resources**

- Learn more about [VMware vSphere Data Protection Advanced](#)

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### **Forward-Looking Statements**

This document contains forward-looking statements including, among other things, statements regarding expected features and availability of vSphere Data Protection 5.5 Advanced, 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.

Eloy Ontiveros  
VMware Global Communications  
eontiveros@vmware.com  
1.650.427.6145

Angela Nibbs  
Hill & Knowlton strategies for VMware  
Angela.nibbs@hkstrategies.com  
1.415.281.7181