



## Dell Technologies Innovations Advance Management, Automation and Protection of VMware Environments

September 29, 2020

**New HCI, cloud, storage and data protection integration with latest VMware releases help customers innovate across edge locations, data centers and hybrid clouds**

ROUND ROCK, Texas, Sept. 29, 2020 /PRNewswire/ --



### News summary

- Dell Technologies Cloud Platform and Dell EMC VxRail now support VMware vSphere with Tanzu and the latest VMware Cloud Foundation, vSphere and vSAN releases, offering an easy path to Kubernetes adoption while delivering enhancements for traditional workloads
- Dell EMC PowerMax storage replication, now integrated with VMware vVols, simplifies management and improves access to mission-critical applications
- Dell EMC ObjectScale, built on VMware Cloud Foundation, allows developers to provision cloud-scale storage for modern applications
- Dell EMC PowerProtect Data Manager advancements include industry-first protection for VMware Cloud Foundation infrastructure layers and Kubernetes environments
- VMware Cloud on Dell EMC empowers organizations to support their remote workforce through VMware Horizon, security and compliance certifications

### Full story

Dell Technologies (NYSE: DELL) announces several infrastructure portfolio innovations for VMware environments, designed to help customers better protect, manage and support traditional and modern applications across edge locations, core data centers and hybrid clouds.

"Customers looking to accelerate their digital transformation need trusted, proven solutions that can help them navigate today's multi-cloud landscape while managing their IT and business needs," said Jeff Boudreau, president and general manager, Infrastructure Solutions Group at Dell Technologies. "Dell Technologies and VMware are raising the bar with tightly integrated solutions, designed to help customers and partners better manage and protect traditional and modern applications. These latest advancements across our infrastructure portfolio are a testament to our joint commitment to innovation."

### Bringing the latest VMware innovations to life

As VMware delivers its latest releases for vSphere, vSAN and VMware Cloud Foundation to support Tanzu, Dell Technologies is extending support of these technologies across the Dell infrastructure portfolio, with tightly integrated solutions including Dell Technologies Cloud, Dell EMC VxRail, Dell EMC PowerProtect, Dell EMC PowerEdge and more.

Dell EMC VxRail, the only jointly engineered HCI system with VMware, is [the first system](#) to be integrated with VMware vSphere with Tanzu, allowing customers to adopt Kubernetes quickly and easily with automated deployment and provisioning. Dell's broad infrastructure portfolio lets customers deploy VMware Tanzu in the way that best aligns with their IT strategy, whether through a validated architecture, VxRail cluster and/or the Dell Technologies Cloud Platform.

Dell Technologies Cloud Platform with subscription pricing makes it easy to get started with VMware Tanzu in hybrid clouds for as low as \$70 per node, per day.<sup>i</sup> By eliminating upfront costs and forecasting risks, organizations can budget their IT spend without surprises or hidden costs. With the industry's fastest hybrid cloud deployment, customers can get started in as few as 14 days<sup>ii</sup>, and expand deployment in as few as five days.<sup>iii</sup>

### Storage innovations for VMware environments

Dell Technologies storage innovations are designed to help customers easily manage and access traditional and modern applications in VMware environments:

- **Dell EMC PowerMax Simplifies VMware Management** - Dell EMC PowerMax replication is now integrated with VMware vSphere Virtual Volumes (vVols) and VMware Site Recovery Manager, simplifying VMware management by reducing time needed for provisioning, replication and service level policies. Customers can modernize their infrastructure while protecting their most important applications. The new Cloud Mobility for Dell EMC PowerMax feature offers simple movement of data from on-premises to public clouds. Customers can reduce the cost per GB for long-term data retention by up to 50 percent while freeing up capacity for PowerMax to support higher priority applications on-premises, extending the life of the array.<sup>iv</sup> The world's fastest enterprise storage array<sup>v</sup> [offers](#) improved security features and Smart DR for data resiliency and efficiency.

- **Dell EMC ObjectScale Brings Object Access to VMware Cloud Foundation** - Dell Technologies is [previewing](#) its next generation, Kubernetes-based object storage platform, Dell EMC ObjectScale, currently available in an early access program.<sup>vi</sup> ObjectScale will allow developers to provision S3-compatible, cloud-scale storage for modern stateful applications on demand. By enabling object storage – a critical component of cloud-native application architectures – to be deployed directly through vSphere, Dell Technologies and VMware are equipping customers to deliver modern application experiences and more closely align development and IT operations. Designed with a scale-out, geo-distributed architecture with global accessibility, ObjectScale delivers enterprise storage across edge, core and hybrid cloud environments.

#### Delivering modern VMware data protection

Dell Technologies adds advanced management and backup capabilities to PowerProtect Data Manager in VMware environments with the introduction of new data protection updates:

- **PowerProtect Data Manager Support for Tanzu** - To help support and protect a customer's critical modern applications, Dell EMC PowerProtect Data Manager now supports the VMware Tanzu portfolio, including Tanzu Kubernetes clusters, Kubernetes clusters in vSphere, Tanzu Kubernetes Grid (TKG) and Tanzu Kubernetes Grid Integrated (TKGI) on-premises and in public clouds.
- **VMware Storage Policy-Based Management and VMware Cloud Foundation Protection** - New PowerProtect Data Manager integrations make it the only solution to provide native vCenter Storage Policy-based Management integration for VM protection. This allows VI admins to save time by using well-known workflows from within their vSphere environment to assign data protection policies. Additionally, this latest release of PowerProtect Data Manager offers a VMware-certified solution to protect the VMware Cloud Foundation infrastructure layer.
- **Enhanced Protection of Mission-Critical VMs** - Dell Technologies is previewing a new feature in PowerProtect Data Manager that will eliminate the need to pause a VM during backup. With new snapshot and data movement technologies, teams can back up mission-critical VMs without business disruption. They no longer have to choose between availability and security since all VMs are protected and active, even during backup.

#### Build clouds faster with Dell Technologies Cloud and VMware

VMware Cloud on Dell EMC, the data center as a service offering for Dell Technologies Cloud, [introduces](#) new large node for high memory and storage usage workloads and now supports global and vertical industries with critical security needs through new compliance certifications, including ISO, CCPA, EU GDPR and SOC-2. The service also simplifies workload mobility with VMware HCX either from legacy infrastructure or between workloads running across two locations. With new multi-cluster support, customers can segment their workloads and create up to eight clusters in a rack, better utilizing existing resources and increasing performance.

Dell Technologies and VMware are making it easier for Cloud Service Providers (CSPs) to quickly build and scale hosted cloud environments through tighter integration between VMware Cloud Director and Dell Technologies Cloud Platform (DTCP). Thanks to new integrations, CSPs can enjoy significant cost savings by reducing the time it takes to provision and manage multi-tenant cloud environments, creating virtual data centers in minutes that can be built once and deployed everywhere in seconds. New automation capabilities further streamlines service deployment and lifecycle management of the software-defined data center. CSP's running VMware Cloud Director on DTCP can offer customers rapid access to a more reliable and consistent cloud experience across their DTCP environments and off-premise instances.

#### Introducing support for VMware Project Monterey

Dell Technologies is joining VMware in supporting [Project Monterey](#), an applications-driven response to the unprecedented change in how applications are being built and deployed. By adding support for SmartNICs, VMware and Dell Technologies are providing a path for customers to build next-gen infrastructure that efficiently manages the placement of infrastructure, application and security demands across CPUs, GPUs and SmartNICs.

#### Availability

- VMware vSphere and VMware Cloud Foundation with Tanzu on VxRail and Tanzu support for Dell Technologies Cloud Platform will be globally available in October 2020.
- Dell EMC PowerMax updates are globally available now.
- Dell EMC ObjectScale early access is coming soon with global general availability planned in 2021.
- Support for VMware Tanzu in Dell EMC PowerProtect Data Manager will be globally available in October 2020.
- Storage Policy-Based Management in Dell EMC PowerProtect Data Manager will be globally available in November 2020.
- VMware Cloud Foundation protection in Dell EMC PowerProtect Data Manager will be globally available in October 2020.
- New Dell EMC PowerProtect Data Manager functionality that eliminates the need to pause VMs during backup has planned global availability in early 2021.
- VMware Cloud on Dell EMC advancements are available in the U.S. in November 2020.
- VMware Cloud Director on Dell Technologies Cloud Platform is globally available now.

#### VMware quote

##### Lee Caswell, vice president, marketing, Cloud Platforms BU, VMware

"VMware and Dell Technologies, together, are delivering solutions that help customers manage traditional and modern applications, whether they reside in a traditional data center, at the edge or in clouds. Today's announcements from Dell Technologies are the latest examples of the tight integration between our teams, and the benefits our customers see as a result."

#### Analyst quote

**Eric Sheppard, research vice president, IDC Infrastructure Platforms & Technologies Group**

"The demands on IT teams today underscore the need for modern, agile infrastructure. The tight collaboration between Dell Technologies and VMware delivers the feature-rich solutions organizations need to deploy, manage and protect applications everywhere, from the edge to cloud."

**Additional resources**

- **Blog:** [Dell Technologies Advances Storage and Data Protection for VMware Environments](#)
- **Blog:** [New Dell EMC PowerMax Updates Push the Boundaries of High-End Storage](#)
- **Blog:** [Dell Technologies Teams with VMware on Project Monterey - Next-Generation Infrastructure for HCI and Beyond](#)
- Connect with Dell via [Twitter](#), [Facebook](#), [YouTube](#) and [LinkedIn](#)

**About Dell Technologies**

[Dell Technologies](#) (NYSE:DELL) helps organizations and individuals build their digital future and transform how they work, live and play. The company provides customers with the industry's broadest and most innovative technology and services portfolio for the data era.

Copyright © 2020 Dell Inc. or its subsidiaries. All Rights Reserved. Dell Technologies, Dell, EMC and Dell EMC are trademarks of Dell Inc. or its subsidiaries. Other trademarks may be trademarks of their respective owners.

VMware, vSphere, ESXi, and VMware vVol are registered trademarks or trademarks of VMware, Inc. or its subsidiaries in the United States and other jurisdictions.

<sup>i</sup> Based on a 3-year term with the minimum starting configuration (4 x 1M1s.small + 3 x 1G1s.sm) and an average monthly price of \$2104 (USD). Pricing for DTCP with subscription may vary depending on the number and type of nodes in your configuration. For details on pricing, consult your account manager.

<sup>ii</sup> Applies to select fixed node configurations, contact your sales representative for details. Customer credit approval, site survey and configuration workbook must be completed before order is placed. Excludes orders over 24 nodes, VMware NSX configuration, vRealize (vRA, vRO) components, and some other features. Product availability, holidays and other factors may impact deployment time. US only.

<sup>iii</sup> Applies to select fixed node configurations, contact your sales representative for details. Customer credit approval, site survey and configuration workbook must be completed before order is placed. Product availability, holidays, and other factors may impact deployment time. Deployment includes delivery, standardized installation and hardware and software configuration. US only.

<sup>iv</sup> Based on Dell EMC analysis, June 2020. Savings calculated comparing the cost of storing 6 months of Snaps (on avg. 55% capacity consumed) over 3 years on PowerMax 8000 for 1246TB vs using Cloud Mobility to store snaps in the AWS Public Cloud on Amazon S3 Standard storage. Costs in US dollars. Actual savings will vary.

<sup>v</sup> Based on Dell EMC internal analysis of max bandwidth (64K blocks) of the **PowerMax 8000 (350GB/s)** versus max bandwidth of competitive mainstream arrays, August 2020. Actual performance will vary.

<sup>vi</sup> Dell EMC ObjectScale Early Access is a pre-general availability beta program for organizations to test the ObjectScale code base in a non-production environment.

 View original content to download multimedia: <http://www.prnewswire.com/news-releases/dell-technologies-innovations-advance-management-automation-and-protection-of-vmware-environments-301140149.html>

SOURCE Dell Technologies

Media Relations: [Media.Relations@Dell.com](mailto:Media.Relations@Dell.com)