

Dell and Cloud Take on Hybrid Cloud Storage

Written by Marco Attard
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Dell partners with Google to announce Dell Technologies Cloud OneFS for Google Cloud, a hybrid cloud storage offering the two companies say will help organisations control exponential data and application growth.



"Data and workloads exist everywhere-- at the edge, in core datacentres and public clouds. And, while data and apps are multiplying, IT resources and budgets are not. For companies to turn their data into competitive differentiators, they need a way to manage it seamlessly and consistently, no matter where it resides," Dell says. "Dell Technologies Cloud brings the best of the public cloud to the data center and the best of the data center to the public cloud, removing complexity so companies can spend less time managing their infrastructure and more time delivering value to their customers."

OneFS for Google Cloud promises a native cloud experience combining the scalability and

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performance of Dell scale-out networked-attached storage with Google Cloud analytics and compute services. It allows companies to easily move and access high performance computing and demand workloads, as large as 50 petabytes, in a single filesystem between on-premises Dell EMC Isilon filesystems and Google Cloud without changing or adjusting applications.

In addition, Dell Technologies Cloudu Platform provides a direct path to Kubernetes from a single environment, with support for containerised workloads and traditional virtual machines on the same Dell EMC VxRail infrastructure. Such an approach integrates VMware Cloud Foundation 4.0 and Dell EMC VxRail into a single solution, enabling consistent access across all cloud locations. Admins can use familiar tools to manage modern apps combining containers and VMs from a single operating environment.

Customers can consume Dell cloud infrastructure through a subscription-based model, an option the company says can get up and running in as little as two week. Node configuration options include as few as four nodes, allowing customers to get into hybrid cloud at 50% the cost and smaller footprint, and grow cloud deployments over time. Customers wanting a self-managed solution get the next generation fo VMware Cloud on Dell EMC, with enterprise-scale 42-rack unit infrastructure with double the amount of supported processor cores, memory options and NVMe all-flash storage.

A final announcement has Dell update the Dell EMC SD-WAN Solution powered by VMware. Customers get more appliance and bandwidth capability options for rapid SD-WAN deployment in a single solution, improving performance for demanding workloads such as VoIP, video streaming and VDI while ensuring application performance and business continuity.

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