



VMware Cloud on Dell EMC+ Faction Storage Services

Partnership Brief

Realizing a strategic business value and obtaining a competitive advantage from your data is contingent on accessing the right cloud tools and services while minimizing costs and challenges. Combining Faction's Cloud Control Volumes with your VMware Cloud on Dell EMC solution gives you the ability to maximize the value of your data.

VMware Cloud on Dell EMC provides VMware's industry-standard compute, storage, and networking software integrated into Dell EMC's enterprise-class VxRail hardware all delivered as a service to data center and edge locations.

When combined with Faction's Cloud Control Volumes (CCVs), we provide access to your data over a secure, low-latency, high throughput connection. CCVs allow you to scale your storage to petabyte-scale or above, independent of compute, as the volumes are attached and accessed directly from the hyper-converged VxRail infrastructure.

The solution meets a variety of use cases including support for virtual desktops and applications, data center modernization, and enabling seamless Kubernetes management utilizing the VMware Tanzu portfolio of services integrated within your VMware Cloud on Dell EMC solution.

VIRTUAL DESKTOPS & APPS

Deploy VDI infrastructure using a fully managed IaaS offering with certified support for VMware Horizon. CCVs are available in multiple performance tiers, enabling you to optimize your VDI's reliability and performance, and can scale seamlessly as your business grows.

DATA CENTER EXTENSION

VMware Cloud Foundation SDDC platform, built on VxRail, enables real IT innovation and simplifies operations with a consistent infrastructure across on-premises, collocated, and cloud locations. Faction's flexible tiered storage design adds the right storage performance for your needs.

HYBRID DISASTER RECOVERY

Replication and failover to VMware Cloud on Dell EMC is supported by Veeam. Scale your storage for DR use cases separately from compute by leveraging Faction's Cloud Control Volumes for VMware Cloud on Dell EMC.

TANZU FOR KUBERNETES MANAGEMENT

Deploying and managing Kubernetes is simple using VMware Tanzu's tight integration with VMware Cloud on Dell. But when your critical workloads need additional storage, adding nodes can be costly. CCVs, which scale independently of compute, are a cost-effective way to add storage capacity.

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BENEFITS



SCALE UP WITHOUT ADDING COMPLEXITY

Cloud attached storage that scales as your applications require, without the need to add costly hyper converged compute nodes.



FLEXIBLE PERFORMANCE TIERING

Select performance tiers that allow you to optimize your storage design, reducing costs by paying only for what you need.



INCREASE SPEED TO MARKET

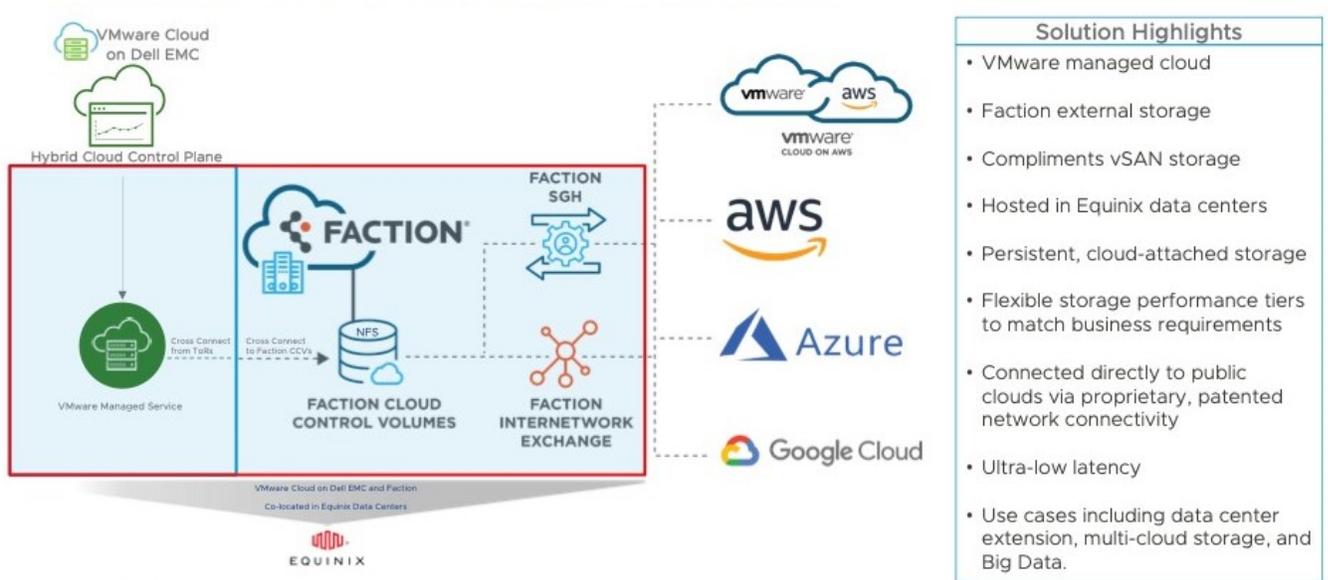
When you use CCVs with VMware Cloud on Dell EMC, you can leverage existing skills and tools on familiar VMware technology and replicate directly from your on-premise storage arrays to Faction storage.



REDUCE OPERATIONAL COMPLEXITY

VMware provides SLA-based on-site delivery and deployment including installation, connection and testing, ongoing patching and software upgrades, hardware monitoring and remediation.

SOLUTION ARCHITECTURE



AVAILABLE CLOUD CONTROL VOLUMES TIERS



PREMIER

High Read-Access or Performance-Sensitive



STANDARD

Economical, with more frequent data access

For more information, please email the VMware Cloud on Dell EMC team at: vmcondellemc@vmware.com