**Hewlett Packard Enterprise**

Top reasons to move your VMware Virtual Volumes to the cloud

HPE Cloud Volumes is a multicloud elastic storage service that provides the simplicity of native elastic cloud storage with enterprise-grade capabilities. Moving your VMware® Virtual Volumes (VVols) to the HPE Cloud Volumes service combines the benefits of VM-centric storage management with the mobility, on-demand operations, and pay-per-use economics of the cloud.
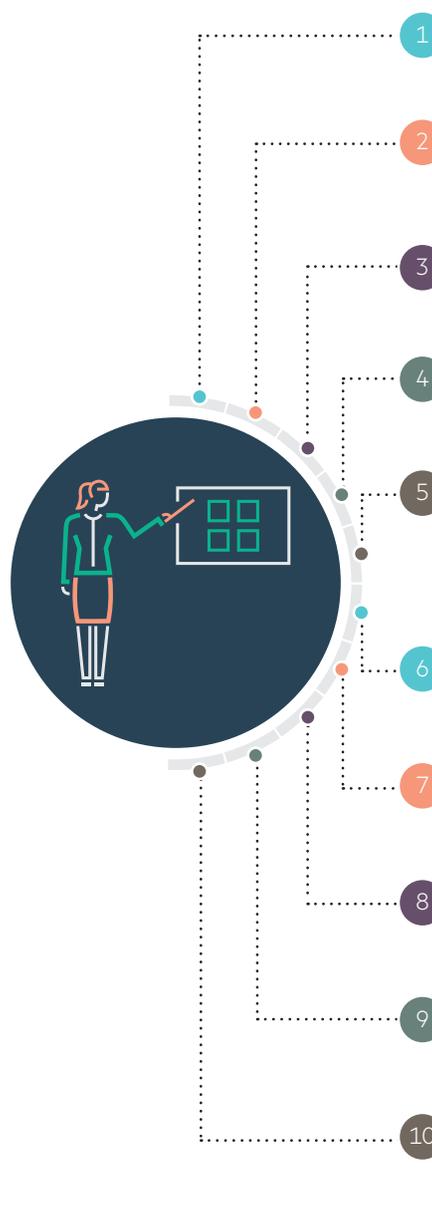
1 **Easy on-ramp to the cloud for your VMs**—With VVols on HPE Cloud Volumes, you can easily move VM data to the cloud, with fast data on-ramping to avoid slow and manual migrations.

2 **Enterprise-grade storage in the cloud**—**HPE Cloud Volumes** is a multicloud storage service with enterprise-grade capabilities including instant snapshots, instant clones, 256-bit AES volume encryption, and 24x7 enterprise support backed by HPE Nimble Storage Level 3 engineers.

3 **Cloud mobility with no lock-in**—HPE Cloud Volumes provides flexibility for managing data used for running cloud-based applications. With HPE Cloud Volumes, your VVols are in the cloud and can be used to run applications on either Amazon Web Services and/or Microsoft® Azure. You get to choose your compute cloud while avoiding lock-in and large data egress charges.

4 **Robust reliability for cloud VMs**—Get proven storage availability that's more durable than native cloud elastic block storage.

5 **Same VVols benefits, now in the cloud**—With VVols, storage array features can be easily applied to individual VMs whether for performance, data protection, security, or disaster recovery policies.

6 **Easy replication of VVols from on-premises to the cloud**—The demonstrated ability to move HPE Cloud Volumes from an on-premises system up to a cloud environment is a breakthrough in virtualized storage management. Watch how easy it is to migrate VM data volumes and attach them to a compute instance: **youtube.com/watch?v=j42N0pfN2Cg**

7 **Dev/Test volumes on-demand, on-the-fly**—A leading reason to move VVols to HPE Cloud Volumes is for Dev/Test. For instance, you can clone your latest production data and attach it to cloud-based compute and capacity whenever needed, especially if space is tight on your on-premises infrastructure.

8 **Protecting/retaining VM data in the cloud**—Easily migrate data volumes of a VMware VM off-site as part of a data protection workflow. Attach snapshots of a particular database to a cloud instance as needed, as part of a modern, cloud-enabled data availability strategy.

9 **Store oldest VM data in the cloud**—You can now easily extend your retention policy for VM data, by using the cloud. Use cloud capacity for the oldest VVols, which can be stored off-site, with newer "less cold" VM data still retained at your primary or secondary sites.

10 **VM availability with HPE InfoSight**—HPE Cloud Volumes use **HPE InfoSight** predictive analytics for visibility from your data center and now into the cloud. HPE InfoSight detects 9 out of 10 issues proactively, enabling 99.9999% uptime across the installed base.[1] HPE InfoSight cross-stack analytics for VMware is a feature that provides a view of host and VM activity. It helps optimize virtual resource utilization and enables rapid cross-stack root-cause analysis, for example, identifying "noisy neighbor" VMs, and presenting latency and performance across host, network, and storage.

[1] **Based on HPE storage installed base**

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hpe.com/storage/cloudvolumes