



**Hewlett Packard  
Enterprise**

# **HPE Cloud Storage solutions for Azure**

Saad Jafri  
TME, HPE Nimble Storage

#HPEMSFT



# What is your (multi)cloud strategy?



Cloud first strategy?

Rearchitect for  
cloud native?



Lift and Shift? Can it be  
done properly?

Which apps  
should move?



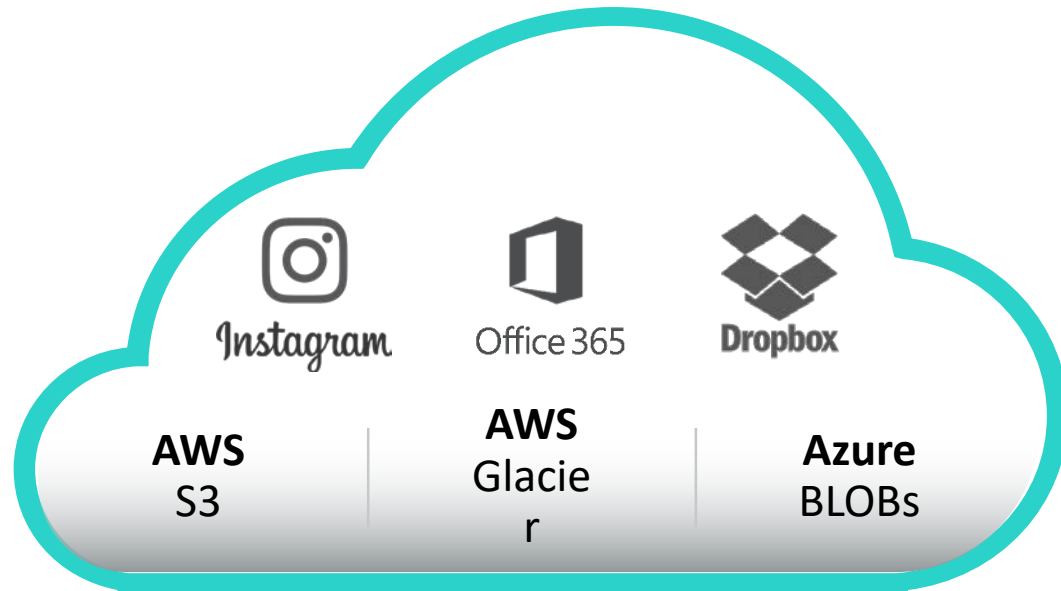
How about my current  
data center  
infrastructure?

Is it possible to avoid  
cloud lock-in?

# Applications Moving to the Cloud

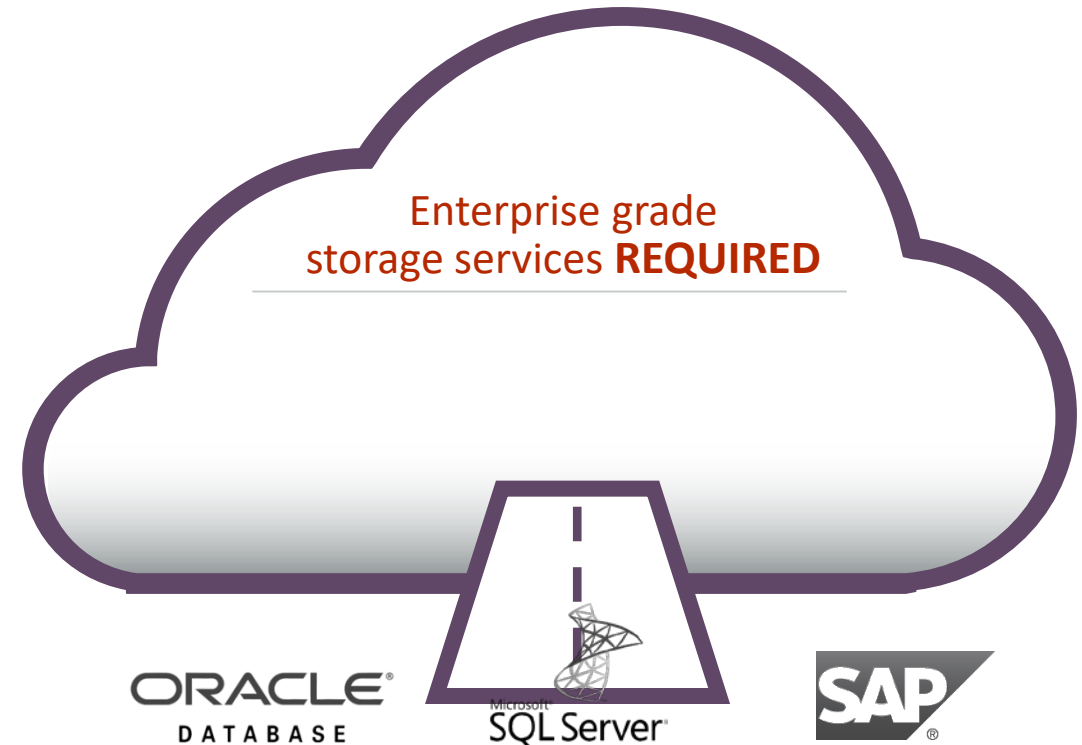
## Cloud Native Applications

Content Apps: Web, Social, Mobile  
Uses Object Storage  
Designed for native cloud APIs



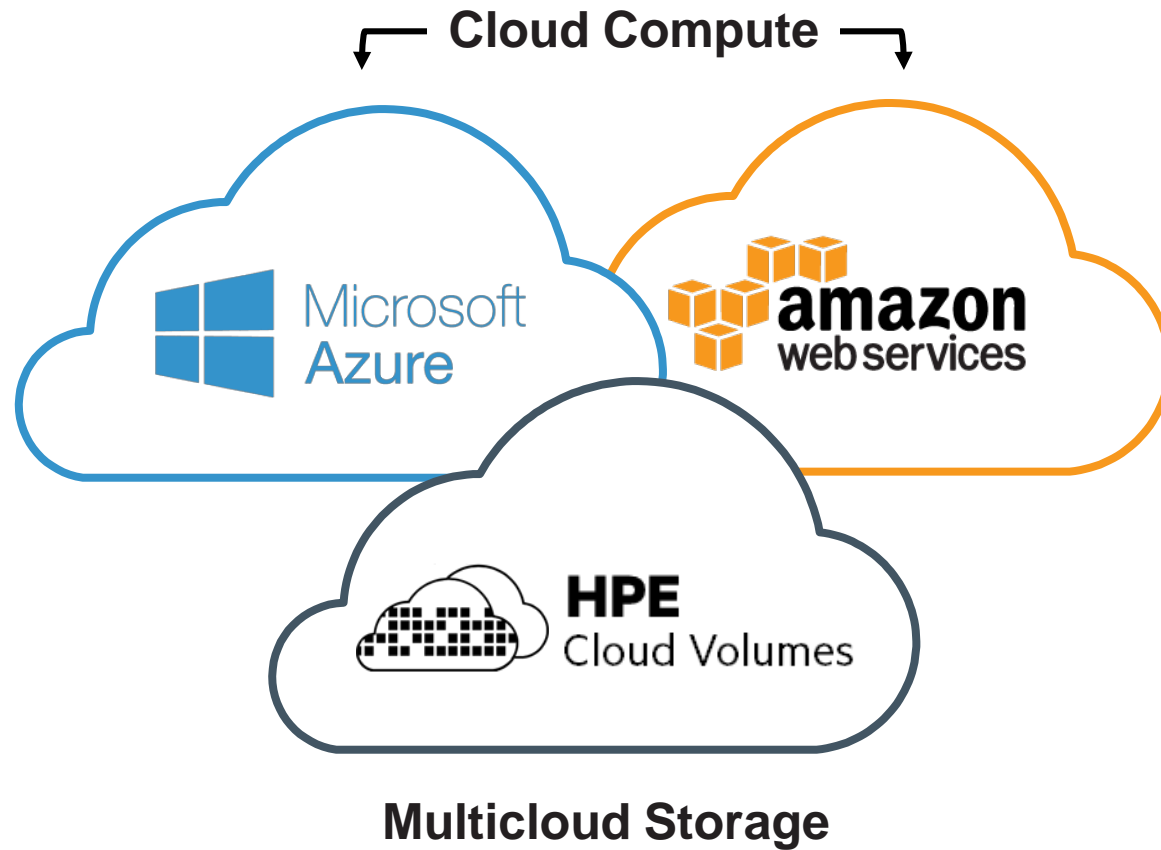
## Enterprise Applications

Business applications, relational database  
Uses Block Storage  
Designed for on-premise



# HPE Cloud Volumes

Enterprise-grade **multicloud** storage service for running your applications in Azure and AWS



HPE public cloud, built on HPE Nimble Storage technology

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Provides storage for Azure/AWS for compute

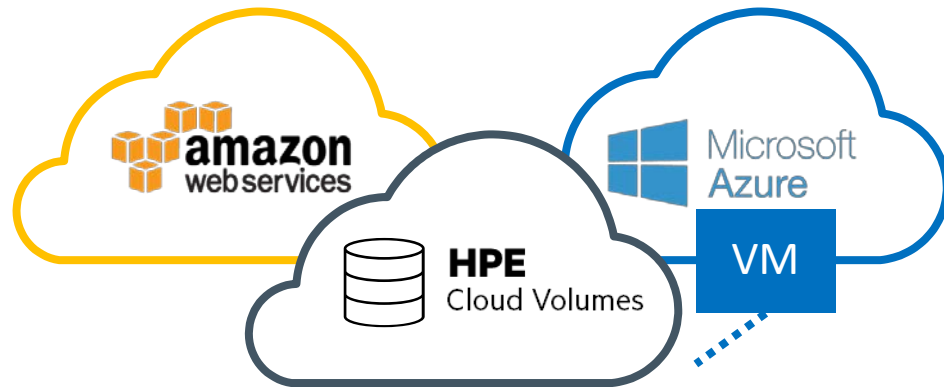
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Close-proximity to Azure & AWS data centers

# Multicloud on-ramp for data

For live applications, disaster recovery, test/dev, cloud-bursting, or backup

## HPE Cloud Volumes



- Enterprise-grade cloud storage service for Azure and AWS
- Easy data mobility between cloud and on-premises
- Global visibility no matter where you store your data

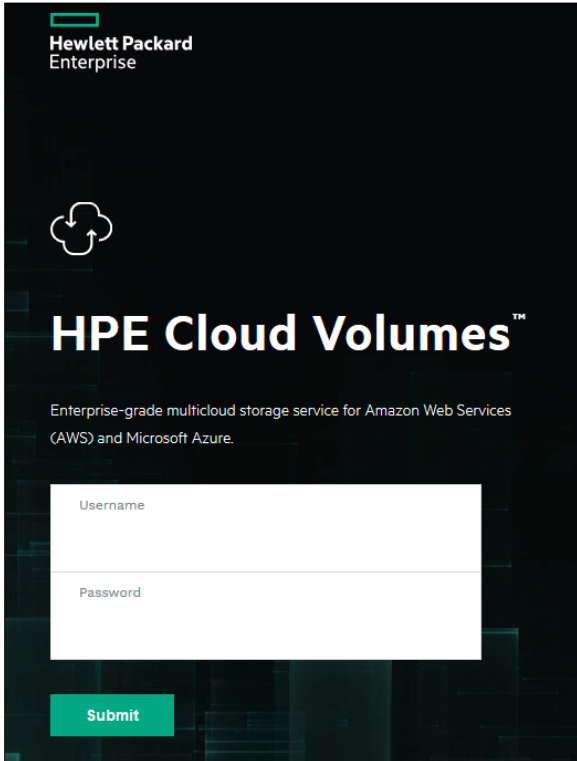
## HPE cloud-ready flash arrays



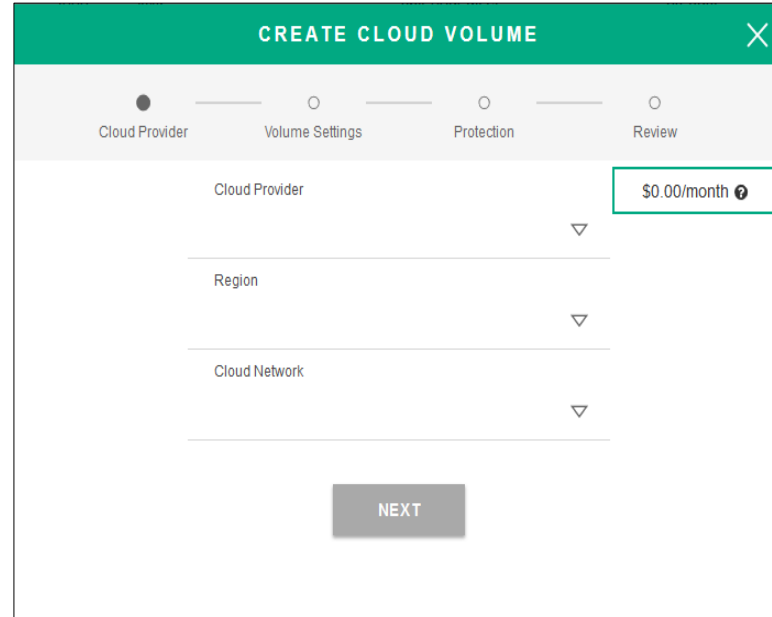
- Cloud-ready flash storage arrays
- Reliably fast: Millions of IOPS, 99.9999% uptime
- Radically simple: Manage your apps—not your storage

# Simple as One, Two, Three.

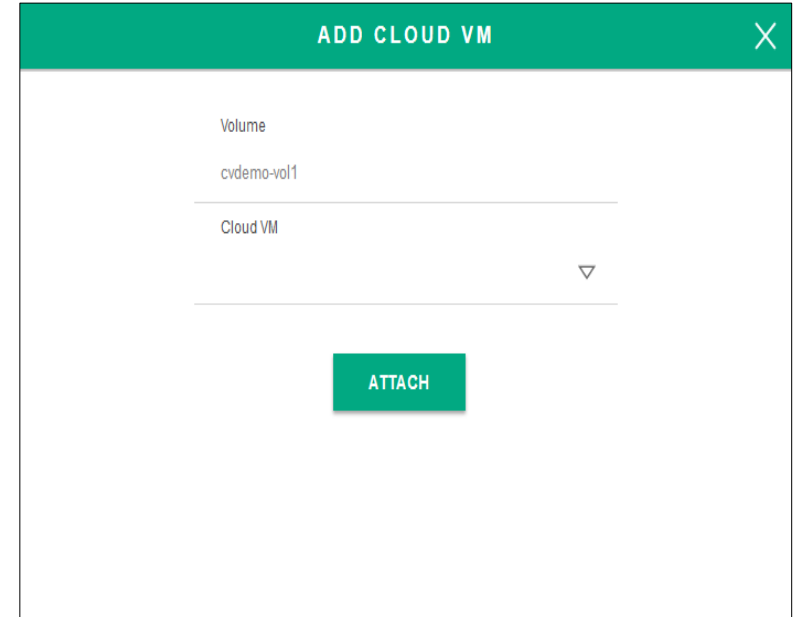
1. Login to Cloud Volume portal



2. Pick the GB and IOPS you need.



3. Select the AWS or Azure VM to use.





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# All Nimble Arrays are Cloud Ready – Hybrid IT Made Simple



Make your data center **cloud ready today** with easy mobility between on-premises and the cloud.



# Cloud On-Ramp Replication

How it Works



# Cloud On-Ramp Replication to HPE Cloud Volumes

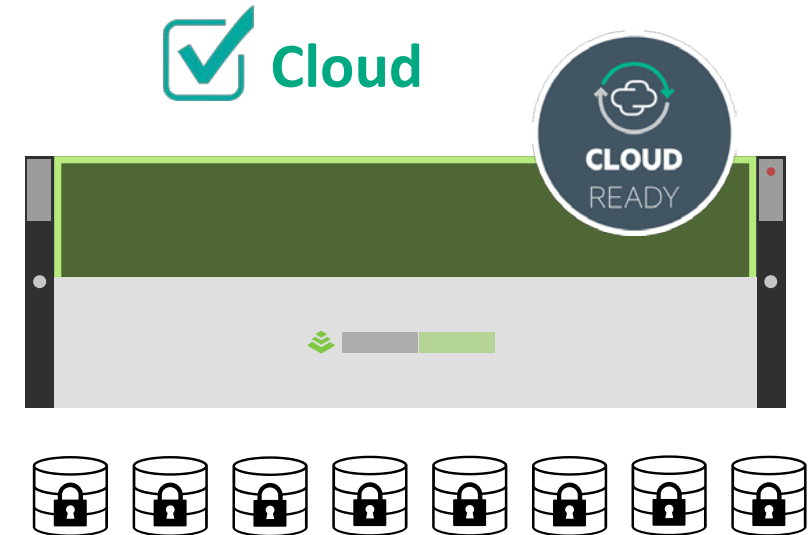
Replication Store – Reserved cloud capacity for storing replicated data

## HPE Cloud Volumes Portal



1. Purchase and provision Replication Store capacity.
4. Volumes replicated to cloud.
5. (Optional) Clones created to attach to Cloud VMs.

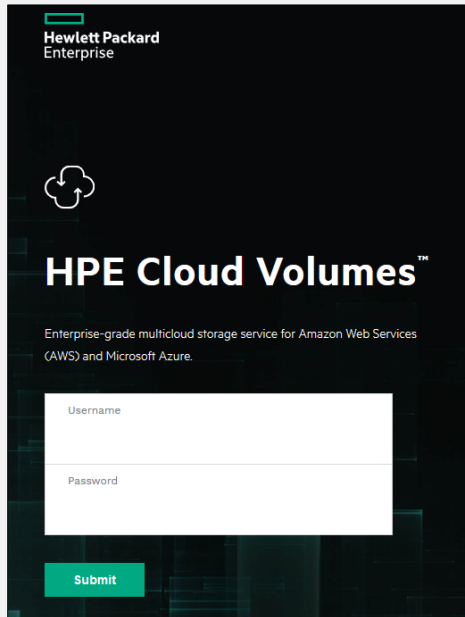
## Array GUI



2. Select Cloud as replication partner.
3. Select Volumes to replicate.

# Accessing Replicated Data in Cloud Volumes

## Access HCV portal



## Clone a replica volume

Customer pays for provisioned IOPS and additional clone usage

Additional AWS/Azure charges may apply

## Attach to Azure / AWS VM

Use a copy of production data and...

*Run analytics*  
*Run test code*  
*Burst into cloud*



# Questions