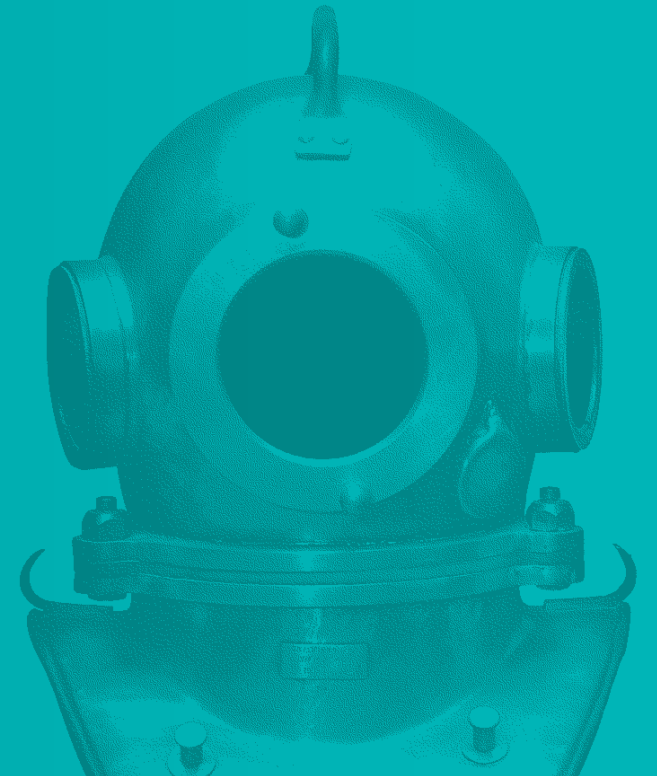


# Backup to Cloud

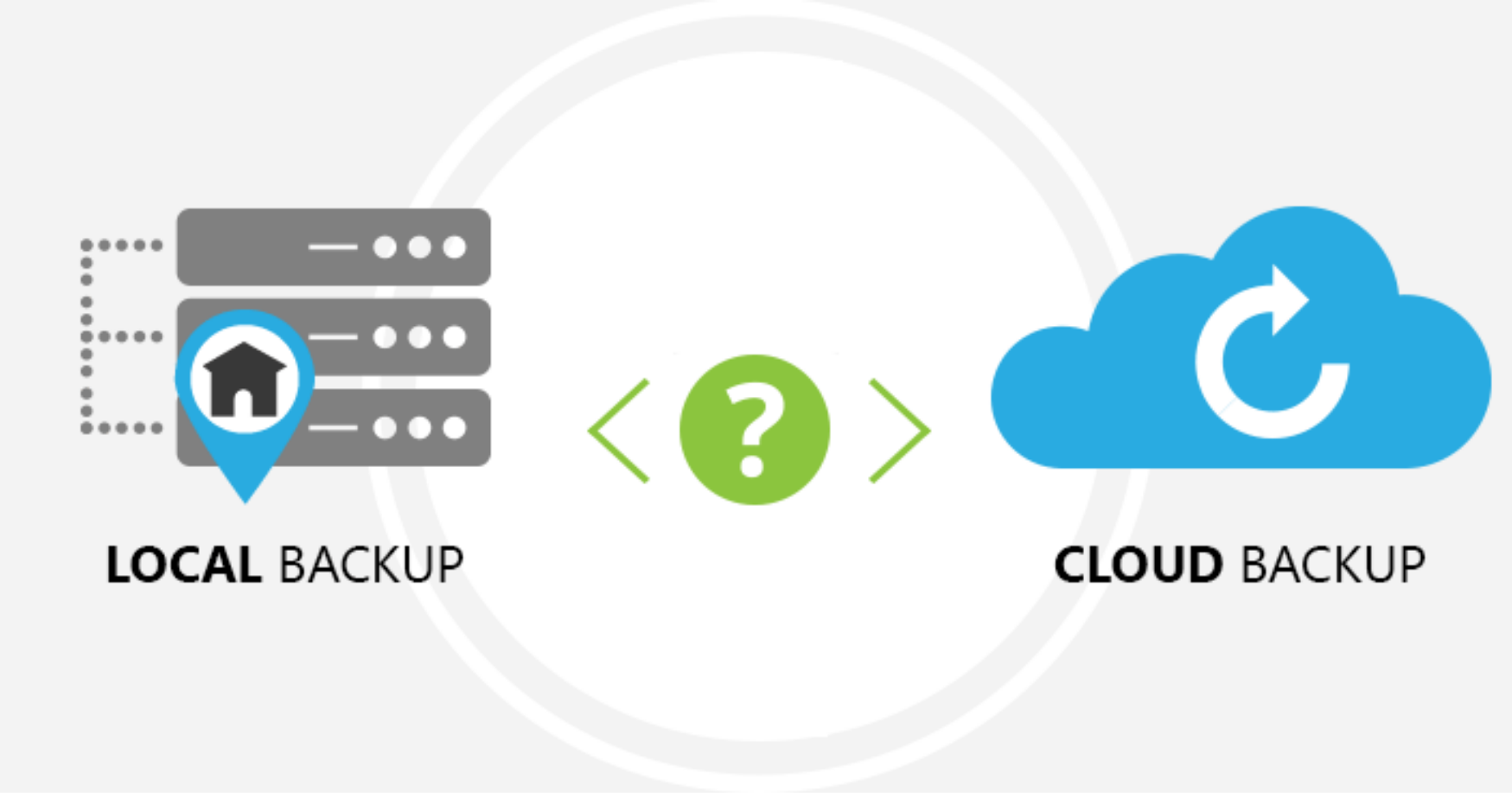
Nikola Radojlovic

Regional NetApp Pre Sales Engineer, Adriatic Region

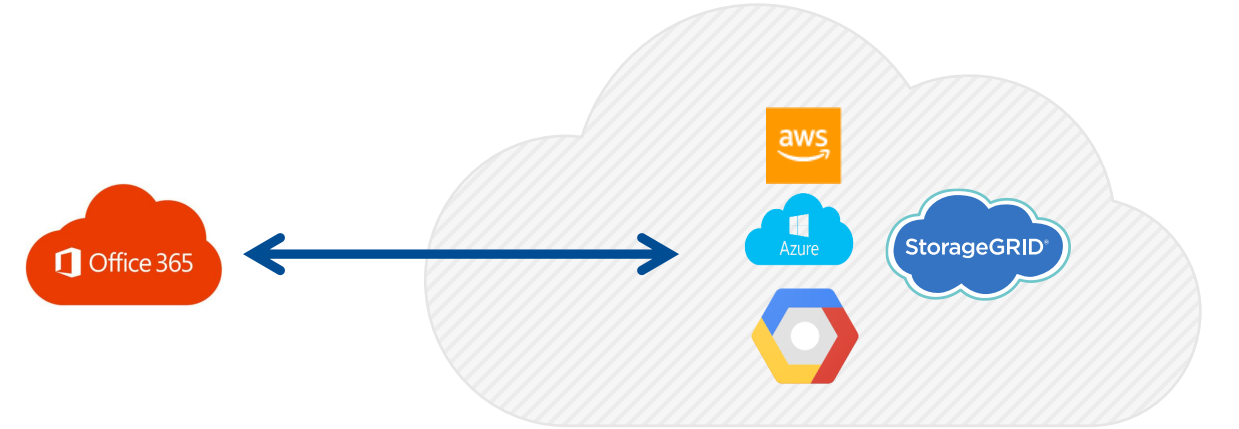
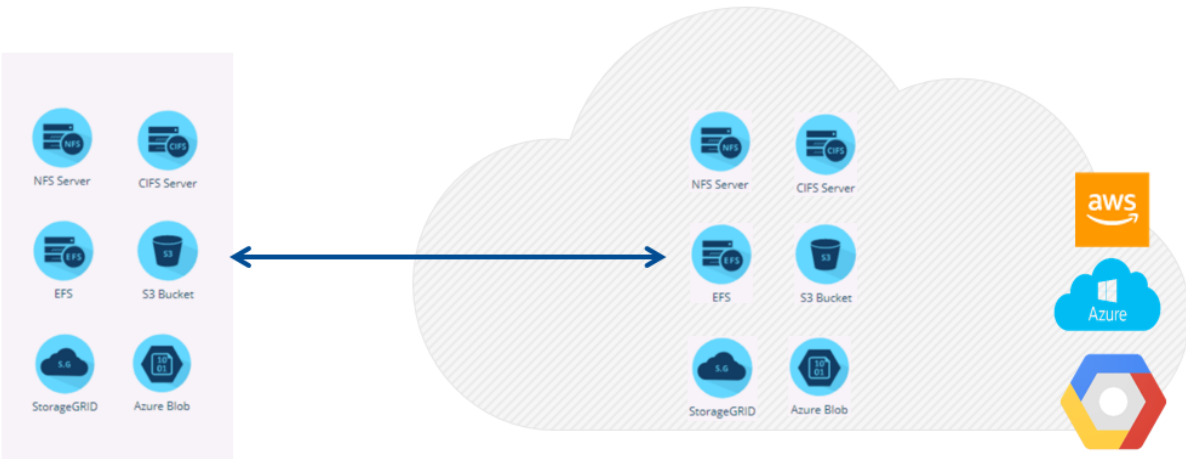
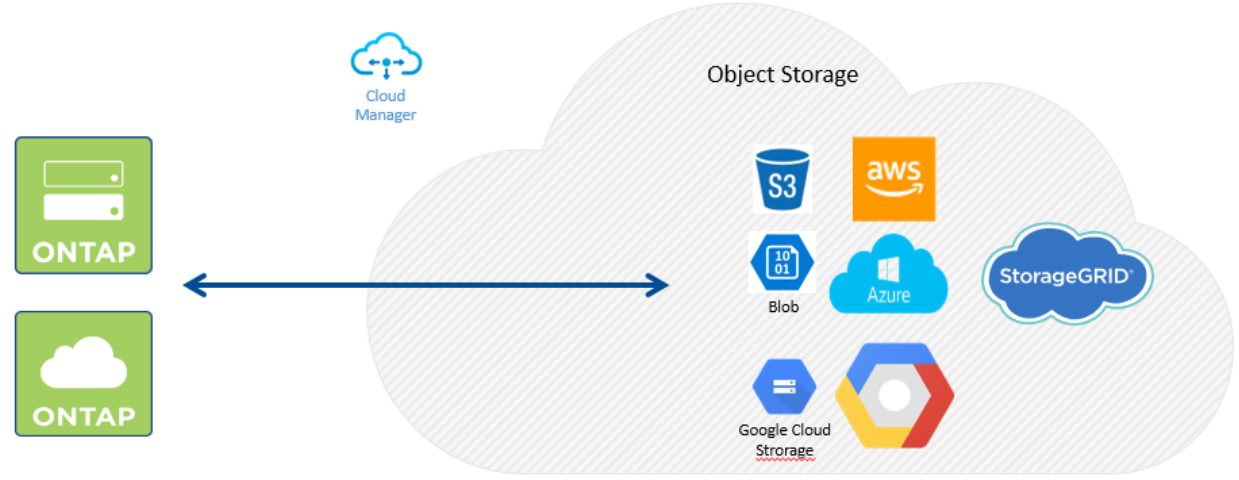
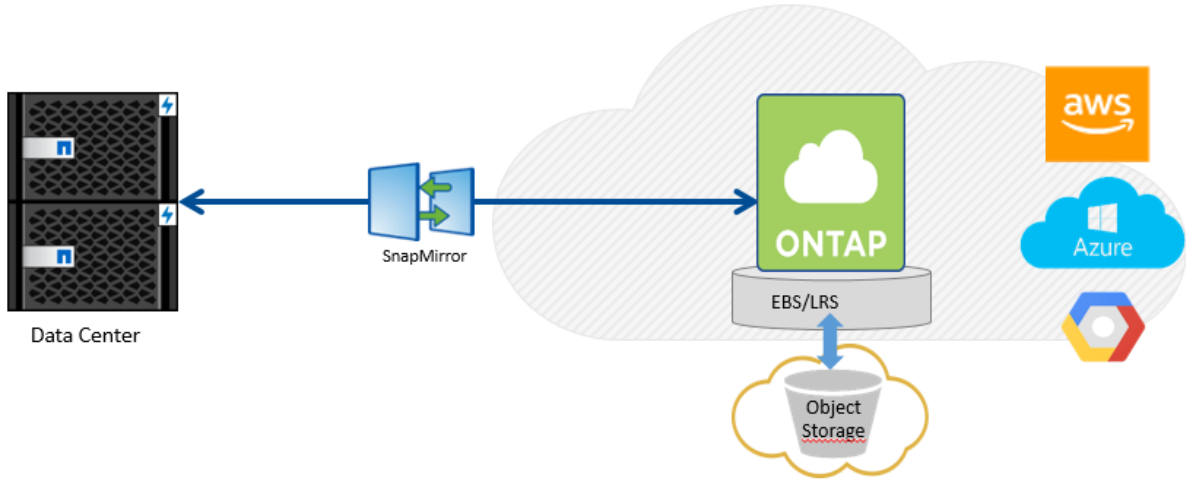
February 2021.



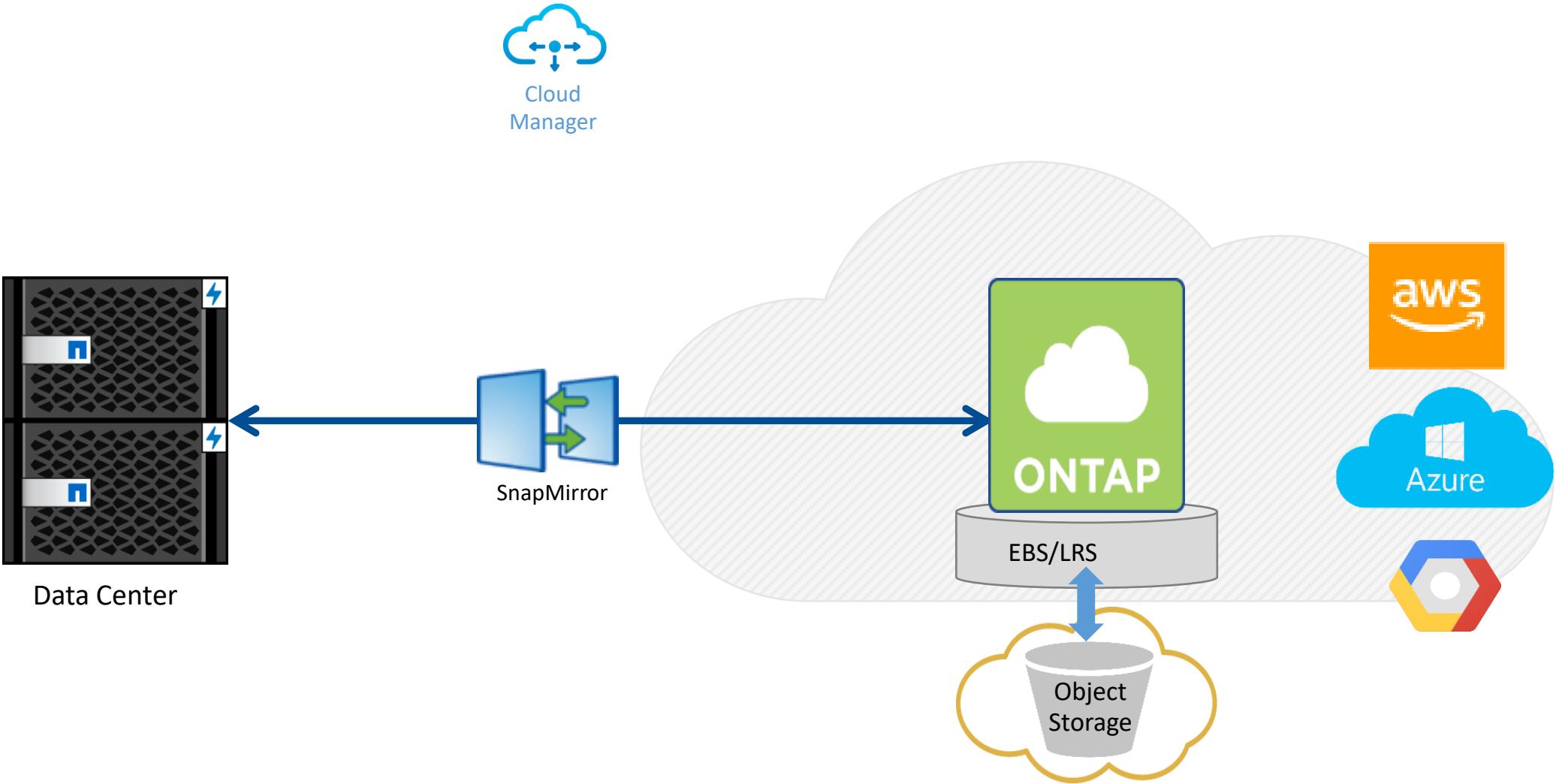
# Why Backup u Cloud?



# Different Implementation Methods

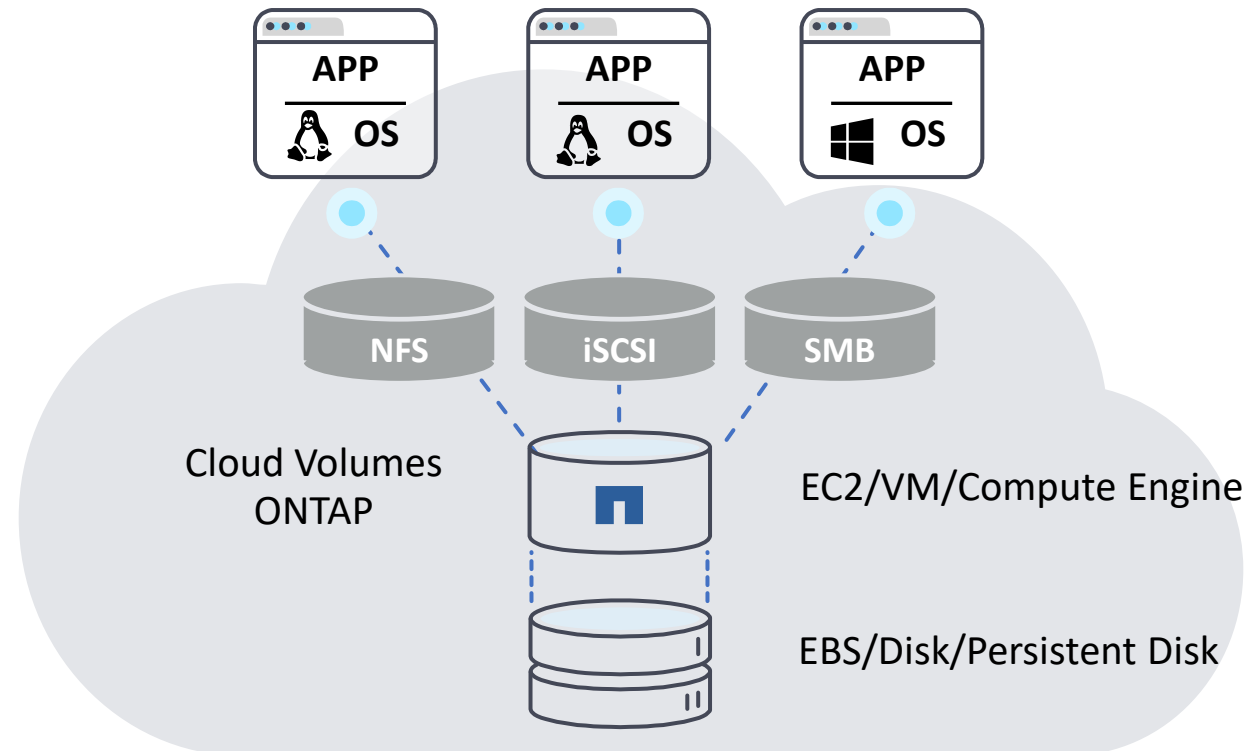


# 1. ONTAP to Cloud Volumes ONTAP (CVO)

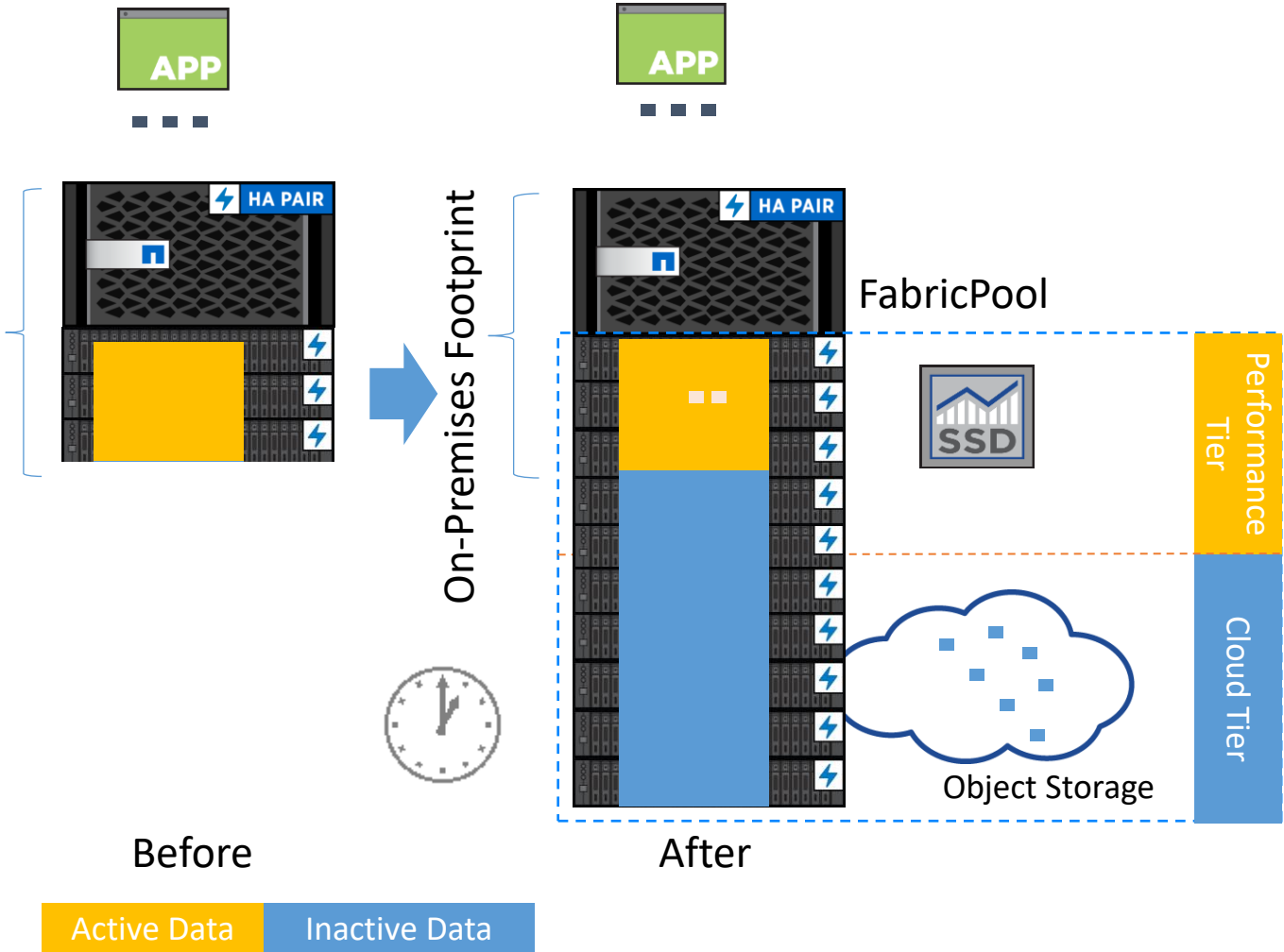


# Cloud Volumes ONTAP®

- NetApp Snapshot® copies
- Storage Efficiencies
- NetApp SnapMirror® and NetApp SnapVault®
- NetApp FlexClone®
- NFS/CIFS/iSCSI
- NetApp FlexCache
- NetApp® FabricPool



# CVO Tiering



# CVO Purchase Models

## Pay as you go

Deploy by the hour on Amazon/  
Azure/GCP Marketplace

Pay only for what you use,  
by the hour or annually



Online Sales

## Bring your own license (BYOL)

Purchase an annual  
subscription from NetApp

Purchase  
annual subscription



Field Sales

Licensed and paid per node | HA pair = 2 licenses

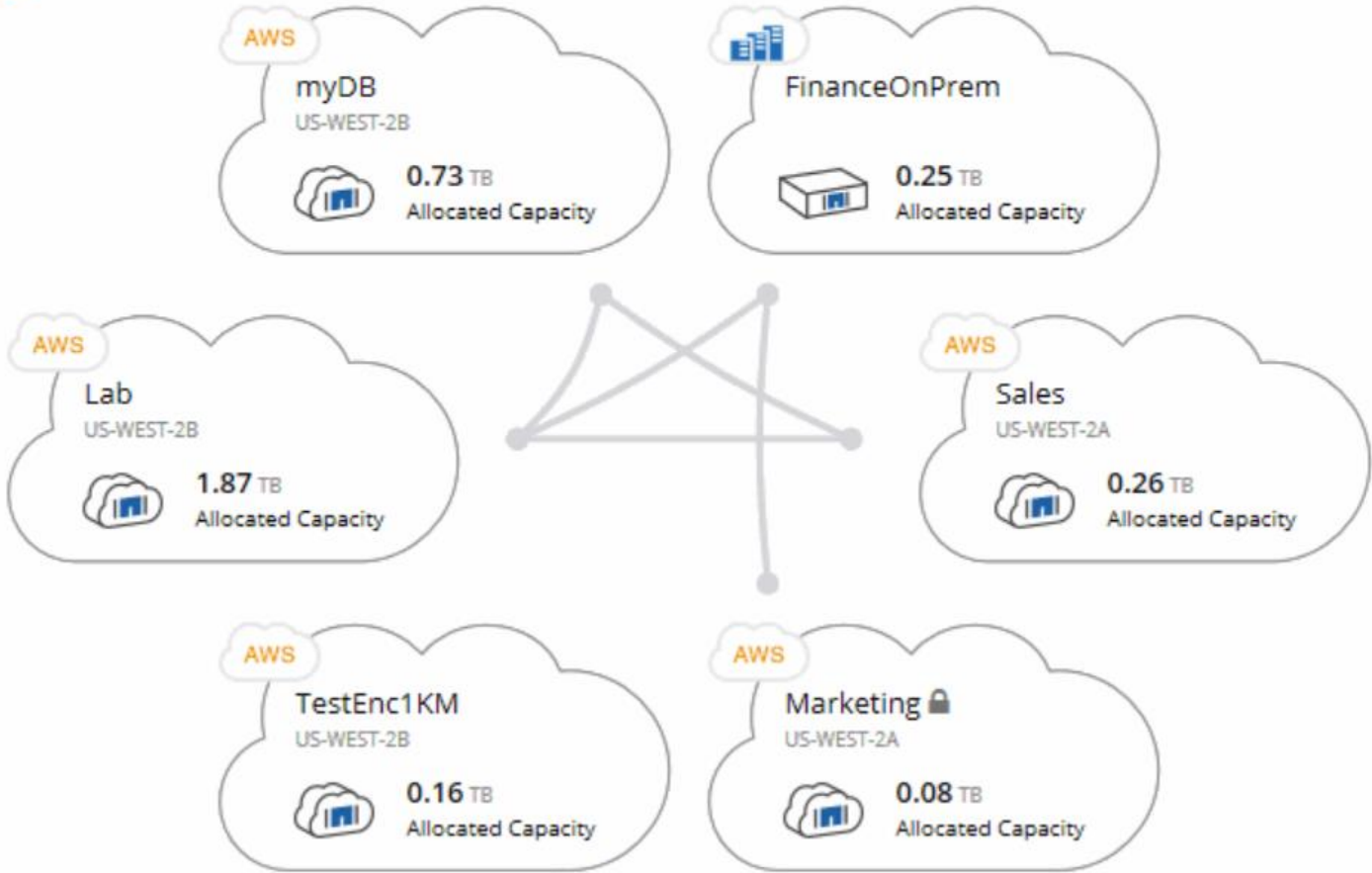
# NetApp Cloud Manager

## Working Environments

Visual View

Tabular View

+ Add environment



## 6 Working Environments

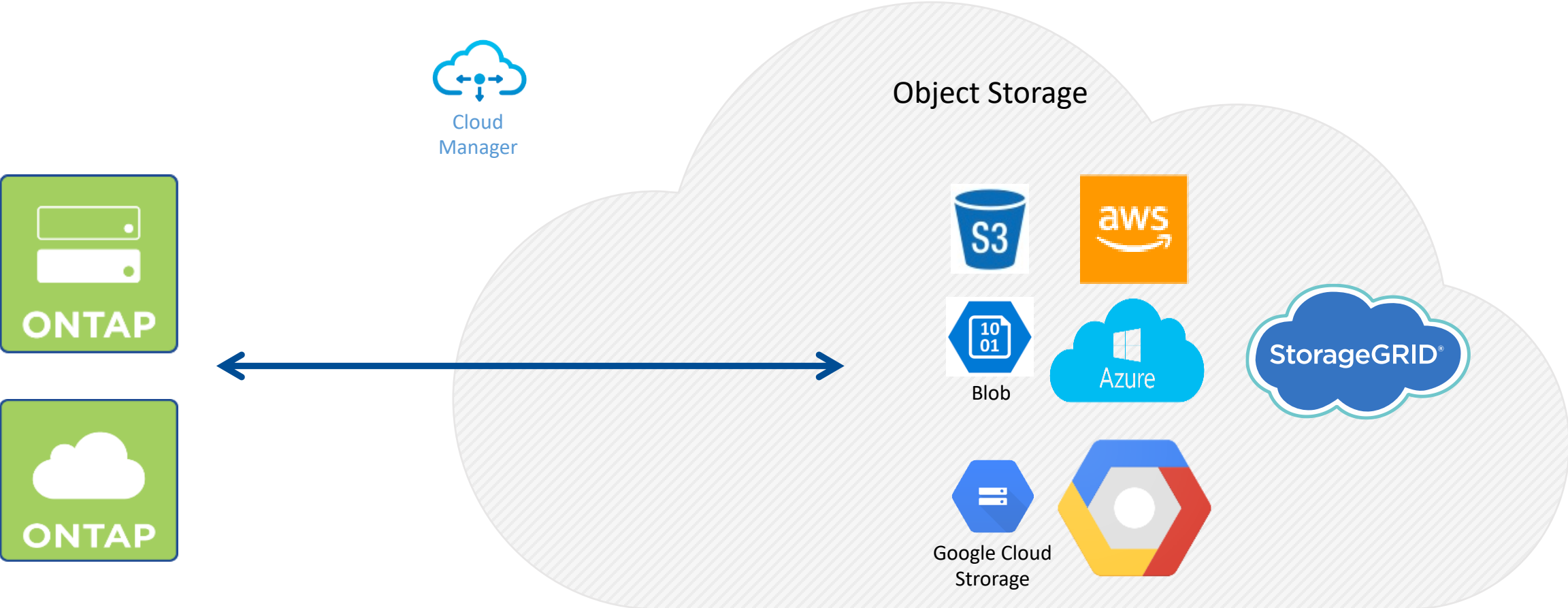


0.25 TB  
On-Premises Capacity

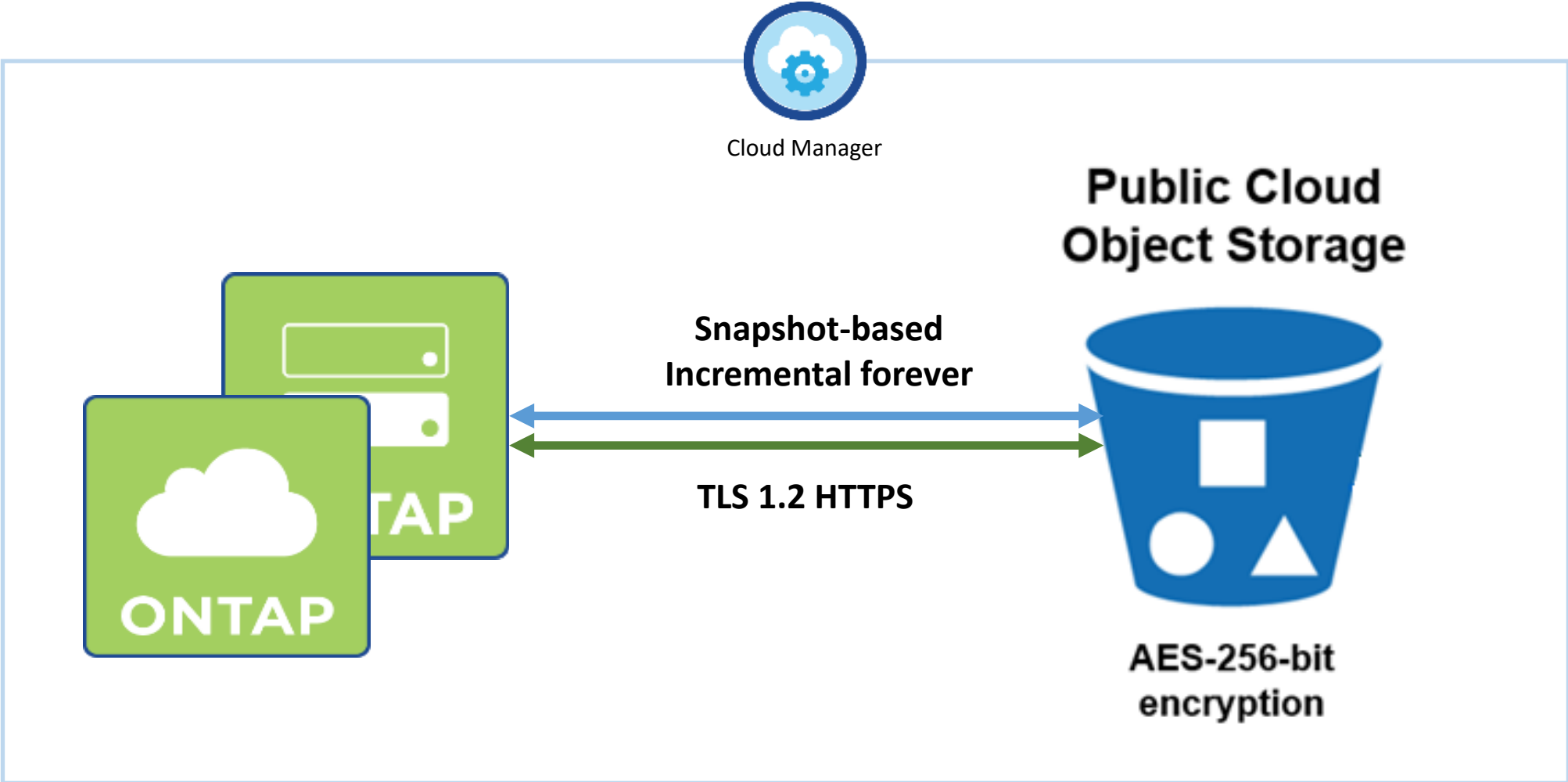


3.10 TB  
Cloud ONTAP Capacity

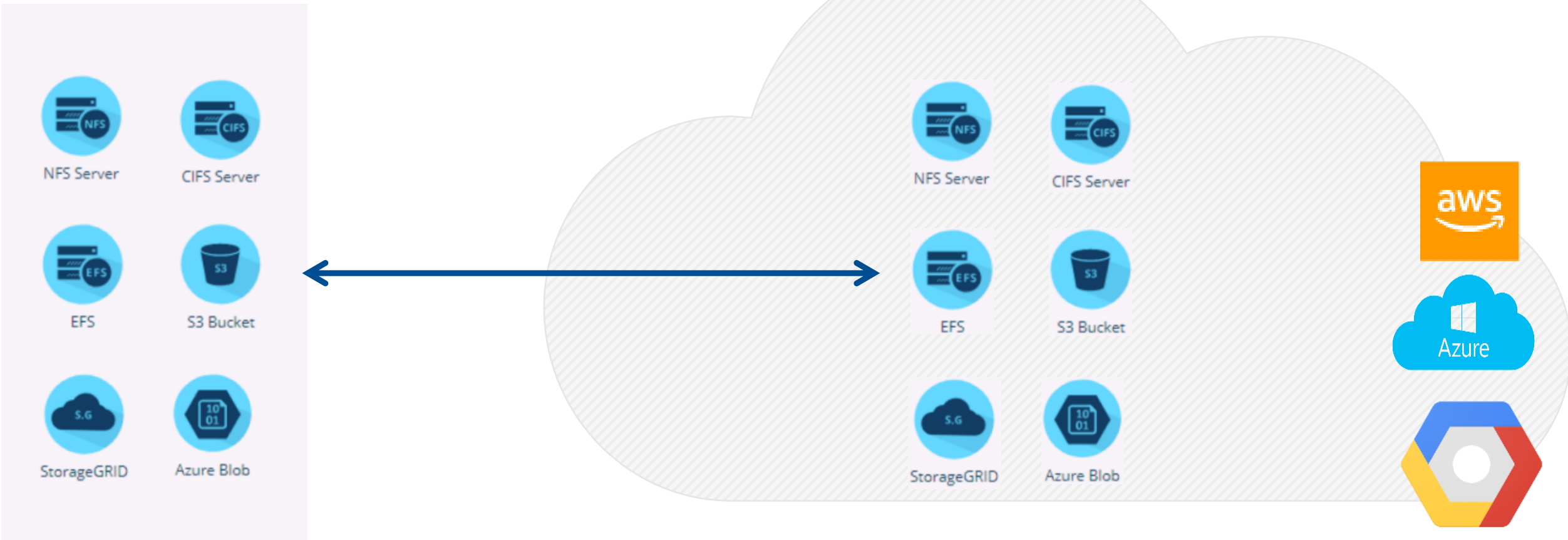
# 2. ONTAP to Object Storage



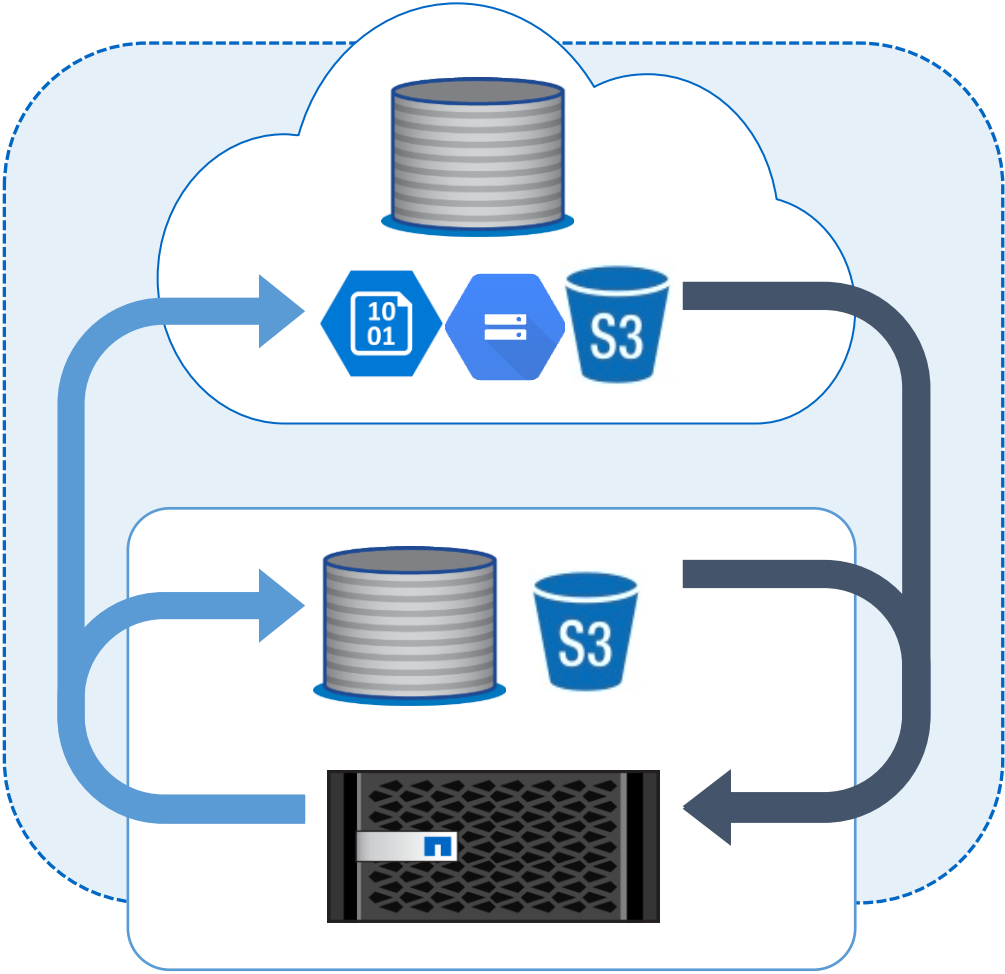
# Cloud Backup Service



# 3. Non-ONTAP to Cloud



# Cloud Sync



Data Center

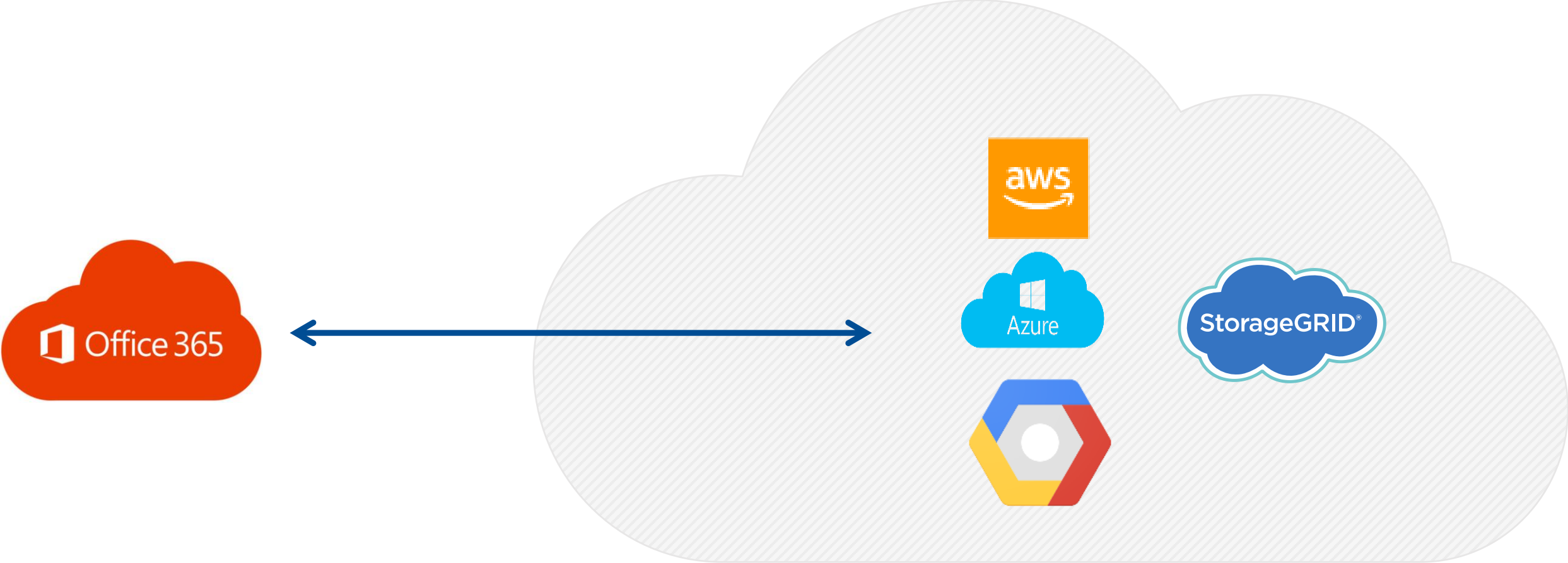
### Define Sync Relationship

Drag & Drop your selection into the source and target components

- NFS Server
- Azure NetApp Files (NFS)
- Cloud Volumes Service (NFS)
- AWS EFS
- CIFS Server
- Azure NetApp Files (CIFS)
- AWS S3
- StorageGRID
- IBM Cloud Object Storage
- Google Cloud Storage
- Azure Blob Storage

Drag Source Here → Drag Target Here

# 4. SaaS Backup to Cloud



# SaaS Backup Service



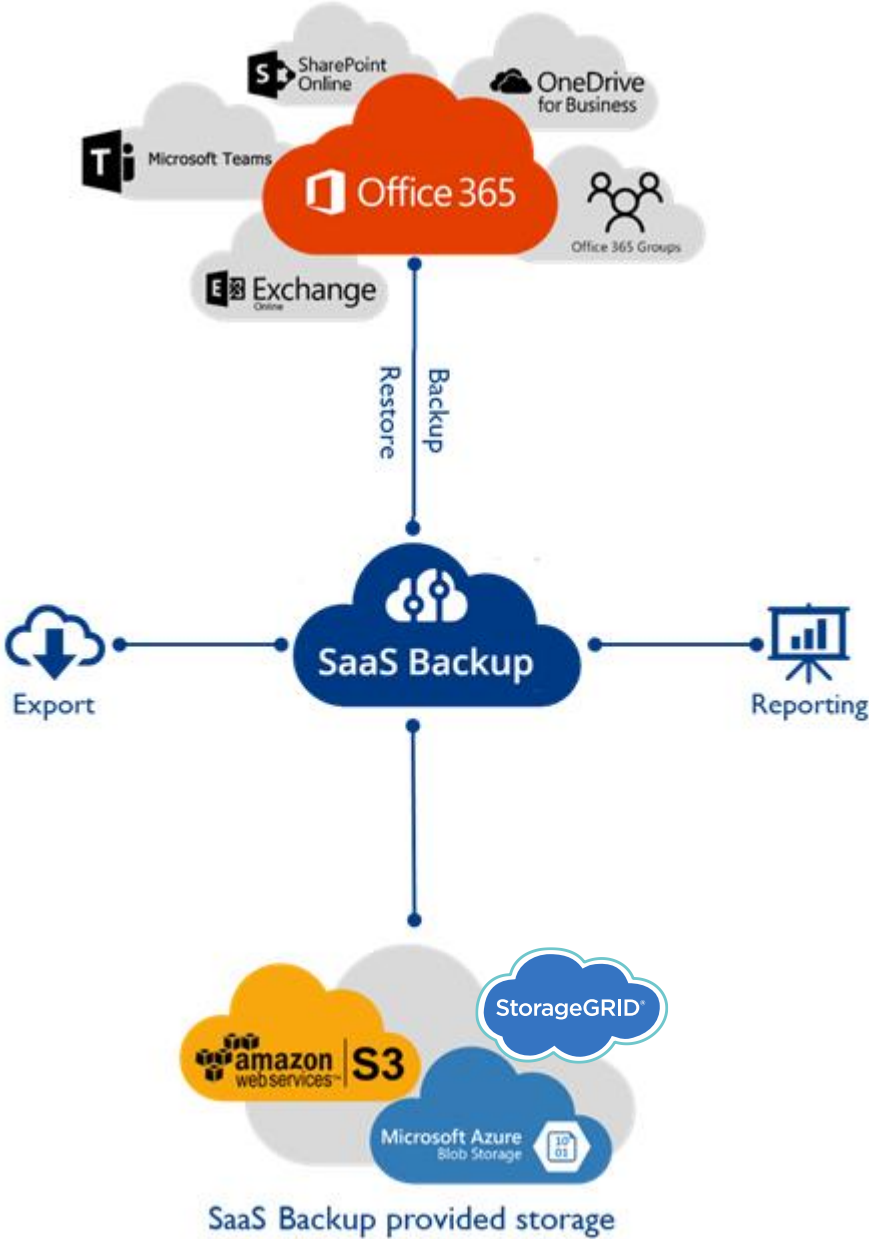
Enable business continuity



Protect sensitive data



Simplify administration



# Please complete a survey

NetApp considers it is critical to get feedback from every class we run, so please make sure all of you fill in the online survey before you leave the class.

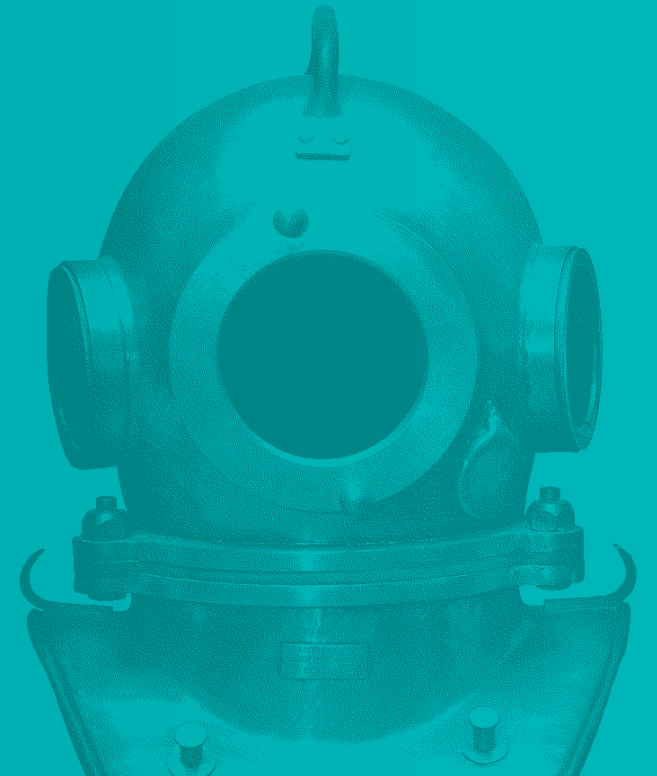
- Use the link below during the class, then scroll down to the correct class (Class ID), and click to start the survey

[www.metricsthatmatter.com/netappinternal/](http://www.metricsthatmatter.com/netappinternal/)

**CLASS ID: 0000389275**

# Questions?

**ALEF**



# Thank you

**ALEF**

