

Integrating Hybrid Clouds with NetApp Data Fabric (INTHCDF)

Course Outline

Module 1: Data Fabric Overview

- Data Fabric solution vision and value
- Compute and storage in the hybrid cloud
- Data fabric deployment
- NetApp Private Storage (NPS)
- Data Fabric use cases

Module 2: Networking for the Hybrid Cloud

- NPS networking architecture
- Best practices to implement networking
- Switch configurations for Layer 3 environment

Module3: AWS Virtual Private Cloud and Connectivity

- AWS regions and availability zones
- VPC
- Security groups
- AWS storage
- VPN connectivity options

Module 4: Azure Virtual Network and Connectivity

- Azure geographies and regions
- VNet
- Azure storage types
- AWS features vs Azure features

Module 5: Design and Implement Data Fabric Solutions

- Oncommand Cloud Manager
- ONTAP Cloud Software

- Use cases and references
- AltaVault cloud backup and archive
- AltaVault integration with Amazon Snowball
- Data Fabric solution for cloud backup
- AltaVault security
- Cloud agility
- ONTAP Select software
- Advantages
- vNAS for VMware vSAN
- ONTAP Select deployment
- NetApp Hybrid Cloud Labs
- Managing the Data Fabric
- OnCommand Management portfolio
- Addendum: Operationalize NPS
 - How to operationalize NPS for cloud
 - Data layout
 - Latency

Module 6: NetApp Cloud Sync Service

- Overview
- Benefits

Module 7: Data Fabric Solution