

# NetApp & Google Cloud Hackathon: Business Continuity and Disaster Recovery (NAGBCDR)

ID NAGBCDR Price on request Duration 3 days

## Course Content

### Challenge 1: Exploring NetApp Public Cloud Services on the Google Cloud Platform

- Familiarize yourself with the GCP Console, artifacts, terminal etc.
- Getting started with NetApp in Google Cloud (Cloud Central accounts, Cloud Manager, API's etc.)
- Deploy the connector - to see the process

### Challenge 2: Let's backup what we have!

- Attendees will need to configure backup of the already running on-premise system.
- They will use Cloud Backup service to backup the on-prem ONTAP system

### Challenge 3: Preparing for the worst

For the OnTap running on-premise, attendees will create a DR site in GCP They will start by deploying CVO in GCP, then configuring replication and then do the failover. The resilience will be shown by shutting down the on-prem, and by shutting down one of the nodes.

### Challenge 4: Now we are going to replicate

Attendees will create a replication relationship between the on-premise environment and the cloud and test it to make sure all the files have been copied to the cloud exactly as they are in the on-premise environment. They will need volume is exposed as a new share via CVO System Manager

### Challenge 5: Sync and move

Leverage Cloud Sync to get the data from CVO that has been lift-

and-shifted to CVS Performance. The VM with the app is going to be prepared, attendees will need to attach the CVS to the VM.

### Challenge 6: The Resilient Application

- Leverage CVS Performance feature to do replicate the data across regions
- Clone the VM running the application to the region that data has been replicated to
- Configure the VM to use the replicated volume
- Configure Traffic Director to failover the traffic in case of outage
- Test the DR setup

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## Training Centres worldwide



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