ONTAP 9.8 Cluster Administration (ONTAP9ADM)

Duration: 5 Days (8Hours)

Module 1 – NetApp ONTAP 9 Clusters

ONTAP Deployment with Simulator
The ONTAP Cluster
Storage VMs

Module 2 – Cluster Setup

Supported ONTAP Cluster Configurations
Setting Up a Cluster
Administration Interfaces

Module 3 – Cluster Management

Access Control
ONTAP Licensing
Policies and Schedules

Module 4 – Network Management

NetApp ONTAP Network Review
Network Ports
Network Traffic Segregation
LIFs
Nondistruptive LIF Configuration
Network Security
Routing Management

Module 5 – Physical Storage Management

Drives, RAID and Aggregates
Advanced Drive Partitioning
Flash Cache and Flash Pool
FabricPool Aggregates

Module 6 – Logical Storage Management

Flexible Volumes
FlexGroup Volumes
FlexCache Volumes
Moving Storage Resources

Module 7 – Data Access

Using NAS Protocols to Access Data
Using SAN Protocols to Access Data
Use Object Protocols to Access Data

Module 8 – Data Protection

Manage Snapshot Copies
Restore Data from a Snapshot Copy
Backup and Replicate Data

Compliance
Storage Encryption
Ransomware Protection

Module 9 – Storage Efficiency

Thin Provisioning
Deduplication and Compression
Flash Efficiency
Local Space Reporting
Volume and File Clones

Module 10 – Cluster Maintenance

Data Collection, Monitoring and Automation Tools
Backup up and Restoring your Cluster Configuration
Upgrading Your Cluster
Performance Recommended Practices