

NETAPP - CDOTDP 9.3 ONTAP Cluster Administration 9.3 and Data Protection (NETAPP - CDOTDP 9.3)

Modality: Virtual Classroom

Duration: 5 Days

SUBSCRIPTION: No

About this course:

This five-day, instructor-led course uses lecture and hands-on exercises to teach basic administration of an ONTAP® cluster. You configure and maintain a cluster. You practice working with ONTAP features. You use the cluster shell and OnCommand® System Manager to manage storage and network resources. Become proficient with NetApp ONTAP SnapMirror, SnapVault, SVM DR, SyncMirror, and NDMP technologies used to replicate, restore, and protect missioncritical data in the enterprise. Backup and restore operations are taught using the NetApp storage system CLI and the OnCommand System Manager. The course also provides an overview of the ONTAP MetroCluster high-availability and disaster recovery software solution.

The average salary for a NetApp Engineer with the skills of Cluster Administrator/Data Protection is **\$118,500** per year.

Course Objectives:

- Describe how ONTAP fits into the NetApp Cloud and Data Fabric strategy
- Identify supported ONTAP configurations
- Create a cluster
- Manage ONTAP administrators
- Configure and manage storage resources
- Configure and manage networking resources
- Create and configure a storage virtual machine (SVM)
- Create and manage FlexVol® volumes
- Implement storage efficiency features
- Create protocol servers within an SVM
- Upgrade and revert ONTAP patches and releases
- Describe NetApp protection technology and the NetApp integrated data-protection solutions that are supported in ONTAP
- Design, implement and manage ONTAP SnapMirror replication
- Perform storage virtual machine disaster recovery setup and operation
- Design, implement and manage ONTAP SnapVault replication
- Use the OnCommand System Manager to set up and manage backup and restore operations
- Describe how SyncMirror software can be used to protect data at the aggregate level
- Describe how to implement the NDMP protocol in ONTAP software

Audience:

- Network Engineers
- Channel Partners
- System Engineers
- NetApp Customers

Course Outline:

- **Module 1: ONTAP 9**
- **Module 2: Cluster Setup**
- **Module 3: Cluster Management**
- **Module 4: Network Management**
- **Module 5: Physical Storage Management**
- **Module 6: Logical Storage Management**
- **Module 7: Managing Data**
- **Module 8: Storage Efficiency**
- **Module 9: Cluster Maintenance**
- **Module 10: ONTAP Integrated Data Protection**
- **Module 11: NetApp Mirroring Fundamentals**
- **Module 12: Implementation of SnapMirror Relationships**
- **Module 13: Disaster Recovery for Storage Virtual Machines**
- **Module 14: Disk-to-Disk Backup with SnapVault Software**
- **Module 15: SyncMirror and MetroCluster Software**
- **Module 16: NDMP and Tape Backup**