

NetApp Data Protection Administration (NA-DATAPROT)

Course Description

This intermediate-level course introduces key concepts and techniques for protecting data on NetApp® ONTAP® based systems. You learn about the data protection solutions that are integrated in ONTAP software. You also learn about tools for managing ONTAP data protection features. In the hands-on exercises, you use ONTAP System Manager and the ONTAP CLI to perform key data protection tasks. This course is updated for ONTAP 9.9.1 software.

Prerequisites

- ONTAP Cluster Administration (3-days instructor-led course)
- ONTAP Data Protection Fundamentals (eLearning)

Objectives

This course focuses on enabling you to do the following:

- Identify the data protection features in NetApp ONTAP software
- Configure SnapMirror® relationships for disaster recovery and data backup
- Demonstrate SVM DR
- Explain MetroCluster components and functionality
- Describe SnapMirror Business Continuity components and functionality
- Describe NDMP-enabled operations to back up NAS data to tape
- Identify the cloud-based data protection solutions that NetApp offers

Course Outline

Module 0: Welcome

- Introductions
- Course Introduction
- Pre-Class Assessment

Module 1: ONTAP Integrated Data Protection

- Data Protection Introduction
- ONTAP Data Protection Solutions
- Data Protection Management Solutions

Module 2: SnapMirror Fundamentals

- SnapMirror Overview and Topologies
- Configuring SnapMirror Relationships
- Additional SnapMirror Configuration Considerations
- Guidelines for Intercluster Networking
- Cluster and SVM Peering

Module 3: SnapMirror Operation

- SnapMirror Asynchronous
- Using SnapMirror Software for Disaster Recovery
- Using SnapMirror Software for Data Restoration
- SnapMirror Synchronous
- SnapMirror and ONTAP Feature Interaction

Module 4: SVM DR

- SVM DR Introduction
- SVM DR Requirements and Configuration

Module 5: MetroCluster

- MetroCluster Fundamentals
- MetroCluster Operations

Module 6: SnapMirror Business Continuity

- SnapMirror Business Continuity Introduction
- SnapMirror Business Continuity Configuration
- Failover Operations and Failure Scenarios

Module 7: NDMP and Tape Backup

- NDMP Fundamentals
- NDMP Topologies
- NDMP Management

Module 8: Cloud-Based Data Protection

- Cloud Volumes ONTAP
- SnapMirror Cloud
- Cloud Backup Service

Who Should Attend

Systems administrators and data protection specialists.