

NetApp SnapCenter Administration (NA- SCADMIN)

Course Description

This course focuses on the deployment of NetApp® SnapCenter® Server 4.4. You learn how to install, monitor, and manage SnapCenter Server. The course also discusses installation and use of licenses and role-based access control. You learn how to prepare hosts, install SnapCenter Plug-ins, and connect to NetApp ONTAP® AFF and FAS storage systems.

You also review backup and restore of Windows file system data and the configuration of SnapMirror® and SnapVault® relationships for use with SnapCenter software. The course materials include an exercise workbook that serves as an on-the-job reference guide.

Course Duration

3 days.

Prerequisites

SnapCenter Fundamentals

Objectives

This course focuses on enabling you to do the following:

- Explain the benefits and relationships between the various components of the SnapCenter solution
- Describe the methods to install the SnapCenter Server software
- Perform SnapCenter configuration of role-based access control, installation of licenses, and connections to storage VMs (storage virtual machines, also known as SVMs)
- Configure hosts and SnapCenter Server Plug-in packages
- Prepare data protection relationships for SnapCenter software
- Perform backup and restore of Windows data
- Explain monitoring and managing capabilities of SnapCenter Server

Outline

Module 1: SnapCenter Software Review

- Introduction to the SnapCenter Suite
- Server architecture
- Plug-in Packages
- licensing
- Management Interfaces
- Integration with ONTAP features

Module 2: SnapCenter Server Deployment

- Server Installation Workflow
- Server Requirements
- Additional Installation Options

Module 3: SnapCenter Server Configuration

- License Management
- Server Connections to the Storage System
- Server RBAC

Module 4: Preparing Hosts for SnapCenter

- Add Hosts to the SnapCenter Server
- Installing Plug-in Packages

Module 5: Assigning NetApp Storage to Windows Hosts

- Configuring LUN storage on Windows
- Windows Disk Management
- Working with SMB Shares

Module 6: Preparing Data Protection Relationships for SnapCenter

- Data protection relationships with SnapCenter
- Preparing the storage systems for replication

Module 7: Data Backup and Restore

- Backup of Windows file systems
- Restore of Windows file systems
- Cloning Windows file system backups

Module 8: Monitoring and Managing with the SnapCenter server

- Managing the SnapCenter Repository
- Monitoring Activities
- Understanding SnapCenter Reporting Features

Who Should Attend

- Customers
- NetApp customers
- NetApp and partner Professional Services
- NetApp and partner systems engineers