

AFX Administration

Course Description

Learn how to deploy a NetApp® AFX cluster with ONTAP® 9.17. Rapidly prepare your AFX cluster to serve data to NAS client hosts. Optimize the performance of your NAS workloads by implementing the latest technologies. Use the clustershell and NetApp ONTAP System Manager to manage cluster storage and network resources. Discover how to configure basic data protection and data efficiency functions and perform common cluster maintenance tasks.

Course Duration

1 Day.

Prerequisites

- Fundamental knowledge of storage systems
- AFX Fundamentals
- ONTAP Cluster Fundamentals

Objectives

This course focuses on enabling you to do the following:

- Define AFX cluster components
- Understand the role of a storage VM in the NetApp storage architecture
- Configure an AFX cluster
- Configure and manage both networking and storage resources
- Create and configure a storage VM
- Create, manage, and protect NetApp FlexVol® and FlexGroup volumes

Course Outline

Module 1: AFX clusters

- AFX cluster
- ONTAP hybrid multicloud
- AFX cluster components
- Storage VMs
- Administration interfaces

Module 2: AFX network management

- AFX network review
- Network ports
- Network traffic segregation
- Logical network interfaces
- Nondisruptive LIF configuration

Module 3: AFX storage management

- Physical storage layer
- Logical storage layer
- FlexGroup volumes
- FlexCache volumes

Module 4: NAS data access

- Use NAS protocols to access data
- Use the NFS protocol to access data
- Use the SMB protocol to access data
- Use the S3 protocol to access data
- Maximizing I/O throughput

Module 5: Data management

- Administrator access control
- Manage Snapshot copies
- Storage efficiency
- Back up and replicate data

Who Should Attend

Systems administrator and technical support engineer