

NAS Operations and Management with Celerra

NSCA



Delivery Type: Classroom

Duration: 5 days

Overview:

This course focuses on configuration and administrative operations of EMC Celerra and its most commonly used features using Celerra Manager. Management tasks (file system creation, export, permissions, security, and availability) for Celerra platforms in a Windows, UNIX environments are covered. This currently support Celerra version 5.6.

Pre-Requisites

To understand the content and successfully complete this course, a student must have a complete knowledgebase/skill set. The student must have an understanding of:

- ✓ Ethernet switch configuration, to include managed switch features like VLANs
- ✓ TCP/IP networking
- ✓ Ethernet settings, to include duplex, throughput, and port channeling
- ✓ Basic Microsoft Windows administration skills, including:
 - ✓ Managing users and groups
 - ✓ Managing files and directories
- ✓ Microsoft Windows domain infrastructures
- ✓ Basic UNIX administration skills, including:
 - ✓ Managing users and groups
 - ✓ Managing files and directories

- ✓ Familiarity with the Celerra set of hardware architecture

A list of specific prerequisite courses can be found in EMC Education Services Learning Management System.

Objectives

- ✓ Upon successful completion of this course, participants should be able to:
 - ✓ Describe the functionality of Celerra Manager
 - ✓ Implement Data Mover failover
 - ✓ Implement Basic network configurations
 - ✓ Configure and manage Celerra file systems
 - ✓ Export Celerra file systems for NFS and CIFS access
 - ✓ Implement Virtual Data Movers
 - ✓ Implement file system quotas on the Celerra
 - ✓ Implement CIFS features
 - ✓ Configure Celerra Networking features
 - ✓ Implement Celerra in an iSCSI environment
 - ✓ Implement SnapSure
 - ✓ Implement Celerra Replicator

Certification

Assessments validate that you have learned the knowledge or skills presented during a learning experience. This course includes an assessment of the participant that will be performed by the instructor, based on course objectives and lab activities.

Target Audience

This course is intended for anyone who configures, manages, or architects EMC NAS solutions with EMC Celerra.