ARROW

Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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VNX Unified Storage Management

DELLEMC

CODE:	LENGTH:	PRICE:
EMC_USDM	40 Hours (5 days)	kr43,500.00

Description

This Specialist-level course is targeted for storage/cloud infrastructure administrators requiring in depth knowledge and practical lab work with EMC VNX Unified Storage systems.

This intensive training covers all the key elements of SAN/IP-SAN (block access) and NAS (file access) deployment. It provides participants with detailed discussions on integrating VNX block access for open systems hosts (Linux, Windows and VMware ESXi) through FC, iSCSI and, FCoE connectivity options. In addition, VNX file level access will be configured for Windows, Linux and VMware user/application environments via NFS and CIFS environments. Initial storage system configuration, security and availability using Unisphere are also covered. NAS configurations, including file system creation, export, permissions and quotas in Linux, VMware ESXi, and Windows environments, are explored.

Lastly, the course will cover implementation of local replications solutions. The course covers a wide range of topics in detail, and includes hands-on lab exercises that reinforce the concepts covered in lectures. It is strongly recommended that only participants with the necessary prerequisite skill set attend this course.

Objectives

Upon successful completion of this course, participants should be able to:

- Implement Unisphere security
- Provision block-level storage
- Manage host access to block storage
- Perform basic host integration tasks for block storage
- Integrate a Windows host to VNX block storage
- Integrate a Linux host to VNX block storage
- Describe a VMware ESXi/VNX block-level solution
- Implement advanced storage features
- Configure basic networking for VNX file-level access
- Configure VNX file systems
- Export VNX file systems for NFS access
- Explain Usermapper operations and management
- Configure VNX file systems for CIFS access
- Create and manage Virtual Data Movers
- Manage permissions for CIFS
- Implement file system quotas
- Configure CIFS features
- Implement networking features
- Implement VNX SnapView snapshots
- Implement VNX SnapView clones
- Configure VNX SnapSure

Audience

This course is intended for information technology professionals responsible for the configuration, deployment and management of block and file based VNX storage systems in heterogeneous host environments.

Prerequisites

To understand the content and successfully complete this course, a student should have knowledge and skills associated with the following:

- VNX system architecture
- Familiarity with Unisphere and Navisphere Secure CLI
- EMC PowerPath operations
- SAN configurations, including basic utilization of the software tools used to manage the major Fibre Channel, FCoE and Ethernet switch environments
- TCP/IP networking
- Ethernet switch configuration, including managed switch features like VLANs
- Ethernet settings, including duplex, throughput, and port channeling
- Basic Microsoft Windows administration skills (Managing users/groups, files and directories)
- Basic UNIX administration skills (Managing users/groups, files and directories)
- Basic VMware ESX/ESXi operations and management

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

Session Dates

Ved forespørsel. Vennligst kontakt oss

Tilleggsinformasjon

Denne treningen er også tilgjengelig som trening på stedet. Kontakt oss for å finne ut mer.