

# VNX File Storage Deployment and Management

GK4432



**Delivery Type:** Classroom

**Duration:** 5 days

## Overview

Gain in-depth knowledge of EMC VNX storage systems.

In this Specialist-level course, you will gain in-depth knowledge and work through practical labs with EMC VNX storage systems.

## Pre-Requisites

- ✓ Knowledge and skills associated with:
- ✓ VNX hardware and software architecture
- ✓ Familiarity with Unisphere and VNX Control Station CLI
- ✓ Ethernet switch configuration, including managed switch features such as VLANs
- ✓ TCP/IP networking
- ✓ 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

## Objectives

- ✓ Implement Unisphere security
- ✓ Configure a VNX storage system
- ✓ Provision storage to VNX Data Movers
- ✓ Implement advanced storage features
- ✓ Navigate the Unisphere interface
- ✓ Implement Data Mover failover
- ✓ Set up basic IP network functionality
- ✓ Create and manage VNX file systems
- ✓ Provide file system access to NFS users and applications
- ✓ Advanced VNX file features (MPFS, pNFS)
- ✓ Configure advanced networking features
- ✓ Provide file system access to CIFS users and applications
- ✓ Configure Virtual Data Movers
- ✓ Manage permissions for CIFS
- ✓ Set up and manage file system quotas
- ✓ Implement CIFS features
- ✓ Usermapper operations
- ✓ Configure and manage VNX SnapSure
- ✓ Employ CLI operations for advanced scripting and administration

## Target Audience

Storage/cloud infrastructure administrators who configure, deploy, and manage NAS/file-based VNX storage systems in heterogeneous host environments.

## Follow on Courses

VNX Block Storage Deployment and Management