



## VNX Block Storage Management

**This course provides training for integrating VNX block access for open systems hosts (Linux, Microsoft Windows and VMware ESXi) through FC, iSCSI and, FCoE connectivity options.**

In this course, you will learn how to integrate VNX block access for open systems hosts (Linux, Microsoft Windows, and VMware ESXi) through FC, iSCSI, and FCoE connectivity options. Initial storage system configuration, security, and availability using Unisphere are also covered. You will also learn about the configuration and management of VNX block local replications solutions.

### What You'll Learn

- Implement Unisphere security
- Provision and manage host access to block storage
- Perform basic host integration tasks for block storage
- Integrate Microsoft Windows, Linux, and ESXi hosts to VNX block storage
- Configure and manage advanced storage features such as FAST VP and FAST Cache
- Configure and manage VNX block-based local replication solutions such as SnapView and VNX Snapshots

### Who Needs to Attend

IT professionals responsible for the configuration, deployment, and management of block-based VNX storage systems in heterogeneous host environments

### Prerequisites

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

- VNX system architecture
- EMC PowerPath operations
- SAN configurations, including basic utilization of the software tools used to manage the Fibre Channel, FCoE, and Ethernet switch environments
- Basic VMware ESX/ESXi operations and management

### Follow-On Courses

There are no follow-ons for this course.

### Course Outline

#### 1. Unisphere Security and Basic Management

- Unisphere and CLI Interface
- Unisphere Security Features and Implementation
- Unisphere Authentication Using LDAP
- Notification Methods and Event Monitoring

#### 2. Storage System Provisioning and Management

- SP Networking and Cache
- Managing VNX Storage Objects

#### 3. Host Integration and Access to Block Storage

- Access Logix
- Network Topologies and Requirements
- PowerPath and Other Host Utilities

#### 4. Host Installation and Integration for Block

- Implementing FC and iSCSI connectivity for Windows, Linux, and ESXi Hosts

### **5. Advanced Storage Concepts**

- LUN Migration and Expansion
- FAST VP and FAST Cache

### **6. VNX Block Local Replication Solutions**

- Replication Terminology and Operations
- Configuring and Managing SnapView Snapshot, SnapView Clone, and VNX Snapshot

### **Labs**

In addition to lecture and demonstrations, this course includes labs designed to allow practical experience for the participant.

### **Further Information:**

For More information, or to book your course, please Call/Email us on : - +254 713 027 191

KENYA - [training.kenya@clclearningafrica.com](mailto:training.kenya@clclearningafrica.com)

TANZANIA - [training.tanzania@clclearningafrica.com](mailto:training.tanzania@clclearningafrica.com)

UGANDA - [training.uganda@clclearningafrica.com](mailto:training.uganda@clclearningafrica.com)

RWANDA - [training.rwanda@clclearningafrica.com](mailto:training.rwanda@clclearningafrica.com)

BURUNDI - [training.burundi@clclearningafrica.com](mailto:training.burundi@clclearningafrica.com)

ETHIOPIA - [training.ethopia@clclearningafrica.com](mailto:training.ethopia@clclearningafrica.com)