# Dell EMC Unity Implementation and Administration

## Duration: 4 Days  Course Code: UIAA

### Overview:

This virtual instructor-led course covers the knowledge necessary to understand the features and functionality and key use cases of a Dell EMC Unity storage system. Topics include system administration, storage provisioning, storage resource access, scalability and performance features, storage efficiency features, data protection features and data mobility features.

Hands-on labs provide practical experience applying concepts discussed throughout the course.

### Target Audience:

This course is intended for professionals who will be positioning, designing, deploying, managing and supporting solutions using Dell EMC Unity arrays.

### Objectives:

- **After you complete this course you will be able to:**
- Perform administration operations via Unisphere
- Provision block, file and VMware datastore storage
- Access block, file and VMware datastore storage
- Use performance and scalability features
- Use data efficiency features
- Perform snapshot and replication data protection operations
- Perform block and file data mobility operations

### Prerequisites:

**Attendees should meet the following prerequisites:**

- Dell EMC Unity Features and Concepts
- Dell EMC Unity Hardware Features and Concepts

## Content:

Module 1: System Administration

- Lesson 1: Interfaces and access control
- Lesson 2: Basic settings
- Lesson 3: Unisphere support configuration
- Lesson 4: Unisphere Alerts

Module 2: Storage Provisioning

- Lesson 1: Storage resources overview
- Lesson 2: Dynamic Pool Considerations
- Lesson 3: Block storage provisioning
- Lesson 4: File storage provisioning
- Lesson 5: VMware datastore provisioning

Module 3: Storage Resource Access

- Lesson 1: Block storage access
- Lesson 2: File storage access
- Lesson 3: VMware datastore access

Module 4: Scalability, Performance, and Compliance

- Lesson 1: FAST Cache
- Lesson 2: Host I/O Limits
- Lesson 3: UFS64 File System extension and shrink
- File-Level Retention (FLR)

Module 5: Storage Efficiency

- Lesson 1: Data reduction
- Lesson 2: FAST VP
- Lesson 3: Thin Clones overview
- Lesson 4: File system Quotas

Module 6: Data Mobility

- Lesson 1: Local LUN Move overview
- Lesson 2: Local LUN Move configuration and operations
- Lesson 3: Local NAS Server Mobility overview
- Lesson 4: Local NAS Server Move operation

Module 7: Data Protection with Snapshots

- Lesson 1: Snapshots overview
- Lesson 2: Managing Snapshots
- Lesson 3: Using Snapshots

Module 8: Data Protection with Replication

- Lesson 1: Replication overview
- Lesson 2: Managing replication
- Lesson 3: Remote Replication operations

## Further Information:

For More information, or to book your course, please call us on Head Office 01189 123456 / Northern Office 0113 242 5931

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