



DELL TRAINING

Dell Emc Unity Implementation Administration Course

Master Dell EMC Unity implementation and administration. Gain essential skills to manage Dell EMC Unity storage systems effectively.

DURATION

Flexible

LEVEL

Intermediate

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

Computer Pride | 1st Floor, ICEA Building, Kenyatta Avenue, Nairobi | www.computer-pride.co.ke

COURSE OVERVIEW

This intermediate-level Dell EMC Unity Implementation Administration Course at Computer Pride equips IT professionals with the essential skills to effectively deploy, configure, and manage Dell EMC Unity storage systems. Participants will gain a deep understanding of Unity's hybrid and all-flash architectures, covering critical aspects such as initial setup, system software, and hardware components. The course focuses on practical, hands-on experience in provisioning block and file storage, ensuring data availability, and optimizing system performance, making it indispensable for those managing modern data center environments. By mastering Dell EMC Unity storage implementation and administration, attendees will enhance their ability to create robust, scalable, and efficient storage solutions. This comprehensive training covers crucial topics like advanced data services, data protection strategies (including snapshots, replication, and data reduction technologies), and proactive system monitoring. Successfully completing this course not only validates your expertise in managing one of Dell EMC's leading mid-range storage platforms but also positions you as a valuable asset capable of driving data infrastructure efficiency and reliability within any organization.

Level	Intermediate
Vendor	Dell

COURSE CURRICULUM

01 Module 1: Dell EMC Unity Fundamentals and Architecture

- Introduction to Dell EMC Unity Family and Models
- Unity Hardware Components and System Architecture
- Unisphere Overview and Management Interfaces
- Initial System Setup and Configuration
- Licensing and Software Features

02 Module 2: Block Storage Implementation

- Storage Pools and Tiers
- Creating and Managing LUNs
- Host Connectivity (iSCSI, Fibre Channel)
- Host Integration and Multipathing Best Practices
- Thin Provisioning and Data Reduction Technologies

03 Module 3: File Storage Implementation

- NAS Servers and File Systems
- Share Creation (SMB, NFS)
- User and Group Management for File Access
- Quota Management
- File System Snapshots and Replication

04 Module 4: Data Protection and High Availability

- Snapshots and Snapshot Schedules
- Replication Technologies (Asynchronous and Synchronous)
- Data-at-Rest Encryption
- High Availability Features and Failover/Failback
- Data Mobility (Storage vMotion, SAN Copy)

05 Module 5: Performance Monitoring and Troubleshooting

- Performance Concepts and Metrics

- Using Unisphere to Monitor Performance
- Alerts, Events, and Notifications
- Log Management and Diagnostic Tools
- Basic Troubleshooting Scenarios

06 Module 6: Advanced Administration and Maintenance

- System Updates and Upgrades
- Service Modes and Diagnostic Utilities
- Remote Support and Dial Home
- Managing System Resources
- Integration with Cloud and Virtualization Environments

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Dell EMC Unity Storage Administrator**
- > **Data Center Infrastructure Engineer**
- > **Enterprise Storage Solutions Architect**

FREQUENTLY ASKED QUESTIONS

Q: What are the recommended prerequisites for enrolling in the Dell EMC Unity Implementation Administration Course?

While there are no strict mandatory certifications, participants should possess a fundamental understanding of storage area networks (SAN) and network-attached storage (NAS) concepts. Familiarity with general networking (TCP/IP), Fibre Channel, iSCSI, and basic server operating system administration (Windows or Linux) is highly beneficial for maximizing the learning experience.

Q: What specific hands-on skills will I acquire that are directly applicable in a production environment after completing this course?

Upon course completion, you will be proficient in performing initial Unity system setup, configuring block and file storage for various host types, implementing data protection strategies like snapshots and replication, and monitoring system health and performance using Unisphere. You'll be able to troubleshoot common storage issues and manage system upgrades, enabling you to confidently administer Dell EMC Unity in real-world scenarios.

Q: How does this course prepare me for official Dell EMC certifications or advanced roles?

This course is specifically designed to provide the foundational knowledge and practical skills required for the Dell EMC Unity Specialist-level certification exams. It serves as a critical stepping stone for professionals aiming for roles such as a Dell EMC Certified Implementation Engineer or those seeking to advance into Storage Architecture or Data Center Infrastructure management positions, where expertise in Dell EMC Unity platforms is essential.

ABOUT COMPUTER PRIDE



East Africa's Premier IT Training Center

With over 15 years of excellence, Computer Pride delivers globally recognized certification programs from leading technology vendors. Located on Kenyatta Avenue in Nairobi's CBD, our state-of-the-art facilities and expert instructors have empowered thousands of professionals across East Africa.

15+

Years of Excellence

10,000+

Professionals Trained

50+

Vendor Certifications

READY TO ENROL?

Take the next step in your technology career.

Location

1st Flr, ICEA Building
Kenyatta Ave, Nairobi

Email

info@computer-pride.co.ke

Phone

+254 705 900 900

www.computer-pride.co.ke