

Dell EMC Unity Implementation and Administration

Day 1: Introduction to Dell EMC Unity and Storage Fundamentals (Duration: 1 Day)

1. Introduction to Dell EMC Unity

- Overview of Dell EMC Unity storage platform
- Understanding the benefits of Unity in modern IT environments

2. Storage Architecture and Components

- Exploring the hardware and software components of Unity
- Understanding the role of controllers, drives, and enclosures

3. Storage Concepts and Terminology

- Reviewing essential storage concepts (RAID, LUNs, etc.)
- Understanding terms related to Unity configuration and management

Day 2: Unity Implementation and Configuration (Duration: 1 Day)

4. Initial Setup and Configuration

- Preparing the Unity hardware for deployment
- Performing initial configuration and setup steps

5. Unity System Management

- Navigating the Unity interface and management tools
- Configuring system settings, users, and roles

6. Storage Provisioning

- Creating storage resources like LUNs and file systems
- Understanding thin provisioning and snapshots

Day 3: Unity Advanced Administration and Data Protection (Duration: 1 Day)

7. Data Mobility and Migration

- Moving data between storage resources and systems
- Performing data migrations and tiering

8. Advanced Storage Features

- Exploring advanced storage features like compression and deduplication
- Implementing FAST VP for automated data tiering

9. Data Protection and Replication

- Implementing data protection mechanisms like snapshots and clones
- Configuring replication for disaster recovery

Day 4: Performance Optimization and Troubleshooting (Duration: 1 Day)

10. Performance Monitoring and Optimization	
	<ul style="list-style-type: none"> Monitoring system performance and identifying bottlenecks Implementing performance optimization strategies
11. Troubleshooting Common Issues	
	<ul style="list-style-type: none"> Identifying and resolving common Unity-related issues Troubleshooting connectivity and performance problems
12. Best Practices and Future Trends	
	<ul style="list-style-type: none"> Exploring best practices for Unity deployment and management Discussing future trends in storage technology
13. Course Review and Certification Preparation	
	<ul style="list-style-type: none"> Reviewing key concepts covered in the course Preparing for the Dell EMC Unity Implementation and Administration Certification
14. Certification Exam	
	<ul style="list-style-type: none"> Taking the Dell EMC Unity Implementation and Administration certification exam Evaluating understanding and competency in Unity concepts
15. Certification and Course Conclusion	
	<ul style="list-style-type: none"> Discussing exam results and performance Awarding the Dell EMC Unity Implementation and Administration Certification