



Dell Compellent Administration and Advanced Management Training

Education Services

Overview

Dell's Compellent Administration and Advanced Management Training is a 4 day instructor led course which includes a combination of administration, management, and advanced administration coursework. Course material and hands-on labs focus on the skills needed to effectively manage a Compellent Storage Center, including best practices for utilizing Enterprise Manager and the Storage Center GUI.

Education Services has partnered with the Storage Networking Industry Association, SNIA, and this course meets one of the SNIA Certified Storage Networking Expert (SCSN-E) Certification Partner requirements.



Course Objectives

Some of the topics covered include:

- The Dell Compellent Storage Center Architecture
- Detailed functions of hardware components
- Storage Center core and applications software
- Creating and Mapping Volumes to Servers
- Copy, Mirror, and Migrate Volumes
- Expand Volumes
- Create and Manage Replays and Replay Profiles
- Configure Consistency Groups
- Data Progression Best Practices
- Create and Manage Storage Profiles
- Manage Storage Center Performance
- Manage Disk and Disk Folders
- User Management and Security
- Management Viewers
- Phone Home Tool
- Disk Drive Sparing and Replacing a failed drive
- Configure SNMP and SMTP
- Upgrade Storage Center license and software
- Enterprise Manager Configuration
- Remote Instant Replay—Replication Setup
- Disaster Recovery Activation and Recovery
- Enterprise Manager tools

Dell Compellent Administration and Advanced Management Training	
Type of course	<ul style="list-style-type: none"> • Instructor-led training • Virtual instructor-led training
Class length	4 days
Skill level	Intermediate to advanced
Suggested prerequisite	Experience with industry standard storage technologies.
Calendar	Visit LearnDell.com for the latest schedule.

Course Details

Module 1: Storage Center Fundamentals

- Functional Overview
- Core and Application Software Overview
- Deployment Architectures
- User Interfaces

Module 2: Storage Center Hardware and Cabling

- Hardware Components
- Communication Links
- Legacy Mode
- Virtual Port Mode
- Fabric Zoning Best Practices

Module 3: Enterprise Manager Setup

- Components and Requirements
- Configuration and Setup
- Windows Space Recovery

Module 4: Volume and Server Management

- Volume and Server Creation
- Presenting Volumes to Servers
- Copy, Mirror and Migrate of Volumes

Module 5: Replay and Data Progression

- Creating Replays
- Recovering Replays
- Consistency Groups
- Storage Profile Configuration

Module 6: System Management

- User Management
- Directory Services Integration
- Storage Center Viewers
- Upgrading Firmware and Licenses

Module 7: Remote Data Instant Replay

- Remote Instant Replay
- Asynchronous vs Synchronous
- Replication Configuration
- Disaster Recovery Deployment
- Live Volume

Module 8: Enterprise Manager Reporting

- Report Options and Automation
- Viewers and Volume Management
- Threshold Alerts
- Chargeback

To learn more about Education Services, contact your Dell Account Executive, visit our website at learndell.com or e-mail us at:

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