



DELL TRAINING

Dell Emc

Learn to implement and manage Dell EMC storage solutions. Gain expertise in data storage, protection, and recovery.

DURATION

Flexible

LEVEL

Intermediate

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

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COURSE OVERVIEW

This intermediate-level Dell EMC course provides a comprehensive deep dive into Dell EMC's leading-edge enterprise IT solutions, equipping professionals with the essential knowledge and practical skills to manage, implement, and optimize modern data center infrastructure. Participants will explore core technologies spanning high-performance storage arrays, robust data protection and recovery solutions, and advanced converged/hyper-converged infrastructure platforms. The curriculum emphasizes real-world application, enabling learners to harness Dell EMC's innovative portfolio for enhanced data management, operational efficiency, and business continuity. Upon completion, IT administrators, systems engineers, and solutions architects will be proficient in deploying and maintaining Dell EMC ecosystems. This certification course is designed to empower you to design resilient, scalable, and secure IT environments that meet the demands of today's complex digital landscape. You will gain expertise in critical areas such as storage provisioning, data replication, backup strategies, and the unified management of infrastructure, significantly boosting your value in the competitive IT job market and paving the way for advanced career opportunities within data center management and cloud integration roles.

Level	Intermediate
Vendor	Dell

COURSE CURRICULUM

01 Module 1: Dell EMC Foundational Concepts

- Overview of Dell EMC's IT portfolio (Storage, Servers, Networking, Data Protection)
- Introduction to modern data center challenges and Dell EMC's solutions
- Key terminology and architectural concepts (block, file, object storage, converged, hyper-converged)

02 Module 2: Dell EMC Primary Storage Solutions

- Dell EMC PowerStore architecture, deployment, and management
- Dell EMC PowerMax capabilities, performance, and high availability
- Dell EMC Unity XT unified storage platforms
- Isilon/PowerScale for unstructured data and scale-out NAS

03 Module 3: Data Protection and Business Continuity

- Dell EMC Data Domain: Deduplication storage systems for backup
- Dell EMC Avamar: Software-defined backup and recovery
- Dell EMC RecoverPoint: Continuous data protection and disaster recovery
- Implementation of backup and replication strategies

04 Module 4: Converged and Hyper-Converged Infrastructure

- Understanding VxRail: Hyper-Converged Infrastructure (HCI) concepts and architecture
- Deployment and management of VxRail clusters
- Introduction to VxBlock integrated systems (CI)
- Integration with VMware virtualization technologies

05 Module 5: Dell EMC Management, Orchestration, and Cloud Integration

- Unified management platforms: CloudIQ, Dell EMC SRM (Storage Resource Manager)
- Automating operations with APIs and scripting
- Integrating Dell EMC solutions with hybrid cloud environments
- Performance monitoring, troubleshooting, and best practices

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Enterprise Storage Administrator (Dell EMC Focus)**
- > **Data Protection & Disaster Recovery Specialist**
- > **Dell EMC Solutions Architect**

FREQUENTLY ASKED QUESTIONS

Q: What are the recommended prerequisites for enrolling in this Dell EMC course?

This intermediate-level course assumes a foundational understanding of IT infrastructure, including basic networking concepts (TCP/IP), server operating systems (Windows Server or Linux), and virtualization technologies (e.g., VMware vSphere). Prior experience with data center operations or storage concepts is beneficial but not strictly required, as core principles will be reinforced.

Q: How does this Dell EMC course specifically prepare me for managing complex hybrid cloud or multi-cloud environments?

This course dedicates modules to integrating Dell EMC solutions with cloud platforms. You will learn how Dell EMC's storage, data protection, and HCI platforms extend to and interact with public cloud providers, focusing on data mobility, replication strategies, and unified management across on-premises and cloud infrastructures, making you proficient in hybrid cloud resource orchestration.

Q: What specific hands-on skills will I gain regarding Dell EMC's PowerStore or VxRail systems?

Through practical exercises and conceptual deep dives, you will gain hands-on skills in deploying, configuring, and managing Dell EMC PowerStore for block and file storage, including creating volumes, file systems, and snapshots. For VxRail, you'll learn cluster deployment, node expansion, lifecycle management, and integration with VMware vCenter, enabling you to effectively operate and optimize these modern infrastructure platforms.

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.

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