



DELL TRAINING

Dell EMC Avamar Management

Learn to efficiently manage and optimize Dell EMC Avamar data protection solutions for enterprise environments.

DURATION

32 hours

LEVEL

Intermediate

FORMAT

Instructor-Led

-
- Globally Recognized Certification
 - Expert-Led Hands-On Training
 - Flexible Scheduling

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COURSE OVERVIEW

This Dell EMC Avamar Management course provides an in-depth exploration of Dell EMC's leading disk-based backup and recovery solution, renowned for its global data deduplication capabilities. Participants will gain comprehensive knowledge and practical skills required to effectively deploy, configure, manage, and troubleshoot an Avamar environment. The curriculum covers essential operational aspects, ensuring robust data protection, efficient backup processes, and rapid data recovery.

Upon completion, IT professionals will be adept at optimizing Avamar for their specific organizational needs, from managing client backups and restore operations to understanding replication for disaster recovery. This course is crucial for anyone looking to master enterprise-grade data protection, offering significant professional benefits by enhancing their ability to safeguard critical business data, reduce storage costs, and ensure business continuity in the face of data loss incidents.

Duration	32 hours
Level	Intermediate
Vendor	Dell

COURSE CURRICULUM

01 Module 1: Avamar Architecture and Components

- Introduction to Dell EMC Avamar technology
- Avamar server components and roles
- Global data deduplication explained
- Integration with Dell EMC Data Domain
- Avamar licensing and sizing considerations

02 Module 2: Avamar System Administration Essentials

- Navigating the Avamar Administrator interface
- User and role management
- System monitoring and health checks
- Performing routine maintenance tasks
- Command Line Interface (CLI) fundamentals

03 Module 3: Client Management and Backup Operations

- Avamar client installation and configuration
- Creating and managing backup groups
- Configuring backup policies and schedules
- Understanding retention policies and expiration
- Performing on-demand and scheduled backups

04 Module 4: Data Recovery and Restore Operations

- Exploring various restore options
- Performing granular file-level restores
- Restoring entire virtual machines (VMs)
- Application-specific data recovery (e.g., databases)
- Understanding point-in-time recovery scenarios

05 Module 5: Replication and Disaster Recovery with Avamar

- Avamar to Avamar replication concepts
- Configuring replication policies for disaster recovery
- Monitoring replication status and performance
- Planning for disaster recovery scenarios
- Understanding Avamar Data Domain System (ADS) replication

06 Module 6: Reporting, Troubleshooting, and Optimization

- Generating comprehensive Avamar reports (capacity, status, performance)
- Analyzing Avamar log files for issue diagnosis
- Common Avamar issues and resolution strategies
- Performance tuning and best practices for Avamar environments
- Avamar software updates and upgrades

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Dell EMC Avamar Specialist**
- > **Enterprise Data Protection Administrator**
- > **Backup and Recovery Engineer**

FREQUENTLY ASKED QUESTIONS

Q: What specific Avamar features will I master to enhance our organization's data protection strategy?

This course will enable you to master key Avamar features such as global client-side deduplication, efficient backup policy creation for diverse environments (including file systems, databases, and virtual machines), granular recovery options, and the setup of robust replication for disaster recovery. You will gain the skills to significantly reduce backup windows, storage footprints, and recovery times.

Q: What are the recommended prerequisites for this Avamar Management course, beyond general IT experience?

To get the most out of this Avamar Management course, a foundational understanding of operating systems (Windows and Linux), basic networking concepts, and storage fundamentals is highly recommended. Familiarity with virtualization platforms like VMware vSphere or Microsoft Hyper-V will also be beneficial, as Avamar's integration with these environments is a key topic.

Q: How will this course help me integrate Avamar with existing data center infrastructure, such as Data Domain or virtualization platforms?

The course specifically covers Avamar's crucial integration points. You will learn how Avamar leverages Dell EMC Data Domain as its primary backup target for enhanced efficiency and scalability. Furthermore, you will gain expertise in configuring and managing Avamar clients for virtual environments, ensuring seamless backup and recovery of virtual machines and applications running on platforms like VMware vSphere.

ABOUT COMPUTER PRIDE



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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+

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Take the next step in your technology career.

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