



DELL TRAINING

Emc Avamar Administration Installation Configuration Training Course

Master Dell EMC Avamar administration. Learn to install, configure, and manage this leading data backup and recovery solution.

DURATION

Flexible

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 Administration, Installation, and Configuration training course provides IT professionals with the essential knowledge and hands-on skills required to effectively deploy, manage, and maintain Dell EMC Avamar data protection solutions. Participants will gain a deep understanding of Avamar's core technologies, including source-based data deduplication, flexible backup scheduling, and secure data recovery. The course covers everything from initial system installation and configuration to daily administrative tasks, ensuring robust data backup and recovery strategies across various environments.

By completing this intermediate-level course, you will be equipped to protect critical business data efficiently, reduce storage requirements through advanced deduplication, and ensure business continuity. You will learn to configure backup policies for diverse data sources, perform rapid data recoveries, and troubleshoot common issues. This expertise is invaluable for organizations seeking to optimize their data protection infrastructure and for individuals aiming to specialize in enterprise-grade backup and recovery technologies.

Level	Intermediate
Vendor	Dell

COURSE CURRICULUM

01 Module 1: Introduction to Dell EMC Avamar

- Understanding Avamar Architecture and Components
- Key Features: Deduplication, Replication, and Data Protection
- Avamar Integration with Other Dell EMC Solutions
- Licensing Models and Capacity Planning

02 Module 2: Avamar Installation and Initial Configuration

- Pre-installation Requirements and Best Practices
- Deploying Avamar Virtual Edition (AVE) and Physical Appliances
- Initial Setup and Network Configuration
- Configuring External Authentication (LDAP, Active Directory)
- Installing Avamar Administrator and Client Software

03 Module 3: Avamar Administration and Management

- Managing Avamar Domains and Groups
- User and Role Management
- Creating and Managing Backup Policies and Schedules
- Monitoring Avamar System Health and Performance
- Reporting and Alerting Configurations

04 Module 4: Backup and Recovery Operations

- Performing File System Backups and Restores
- Backing Up and Recovering Databases (SQL, Oracle)
- Protecting Virtual Environments (VMware vSphere, Microsoft Hyper-V)
- Utilizing Avamar plug-ins for Application-Consistent Backups
- Instant Access and Granular Recovery Techniques

05 Module 5: Advanced Avamar Features and Troubleshooting

- Configuring Avamar Replication (Data Domain, Avamar-to-Avamar)
- Understanding and Managing Garbage Collection
- Performance Tuning and Optimization
- Troubleshooting Common Avamar Issues
- Log Analysis and Diagnostic Tools

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Backup & Recovery Administrator specializing in Dell EMC solutions**
- > **Data Protection Engineer focused on enterprise-level deduplication technologies**
- > **Storage Administrator with expertise in Avamar deployment and management**

FREQUENTLY ASKED QUESTIONS

Q: What are the core prerequisites for enrolling in this Dell EMC Avamar training?

While there are no strict certification prerequisites, attendees should have a foundational understanding of server operating systems (Windows Server, Linux), networking concepts (TCP/IP, DNS), and basic storage principles. Familiarity with virtualisation platforms like VMware vSphere or Microsoft Hyper-V is also beneficial due to Avamar's extensive support for virtualised environments.

Q: How will mastering Avamar administration, installation, and configuration enhance my career opportunities in data protection?

This course directly addresses the critical need for skilled professionals in enterprise data protection. By gaining expertise in Avamar, you'll be able to design, implement, and manage robust backup and recovery strategies, a highly valued skill set. This opens doors to specialized roles such as Dell EMC Backup Administrator, Data Protection Engineer, or Storage Solutions Architect, demonstrating your ability to handle complex data deduplication and recovery challenges.

Q: What specific skills will I gain that are crucial for managing a production Avamar environment?

Upon completion, you will be proficient in installing Avamar appliances (both physical and virtual), configuring complex backup policies for various data sources (file systems, databases, virtual machines), performing efficient data recoveries, and troubleshooting common system issues. You'll also understand advanced concepts like replication for disaster recovery, garbage collection, and performance tuning, enabling you to maintain an optimal and resilient Avamar data protection infrastructure.

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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