

## Avamar Management

**Learn the knowledge and basic skills necessary to administer, monitor, and troubleshoot EMC Avamar.**

This course combines lecture, review questions and hands-on labs to provide you with the knowledge and skills necessary to administer, monitor, and troubleshoot EMC Avamar, including recommended best practices.

### What You'll Learn

- Avamar advantage over traditional backup systems
- Avamar terminology
- Avamar system components and processes
- Avamar de-duplication backup process
- Install Avamar Administrator and Client software
- Create a group policy
- Run on-demand backups from the Avamar Administrator and the Avamar Client interfaces
- Restore files using Avamar Administrator and Avamar client interfaces
- Types of Avamar replication and configure Avamar standard replication
- Configure and use Avamar Activation Manager and Desktop/Laptop interfaces
- Avamar server daily maintenance activities: checkpoints, HFS checks, and garbage collection
- Use Avamar tools to perform system monitoring, maintenance, capacity management, and troubleshooting

### Who Needs to Attend

System administrators, systems engineers, partners and support specialists who administer and support EMC Avamar

### Prerequisites

- An understanding of backup and recovery concepts and principles, network administration in a TCP/IP environment, and UNIX/Linux system administration
- EMC Avamar Overview - Self Study

### Follow-On Courses

There are no follow-ons for this course.

### Certification Programs and Certificate Tracks

This course is part of the following programs or tracks:

- [Storage Administrator \(EMCSA\) Specialist - Backup and Recovery - Avamar](#)

### Course Outline

#### 1. Avamar Fundamentals

- Avamar Features and Functions
- Avamar System Components
- Avamar Processes and Backup Process Flow
- Backing Up Virtual Machines, NDMP, Cluster, and Database Application Environments

#### 2. Avamar Administration

- Installing and Using Avamar Administrator Console
- Installing Avamar Backup Client Software
- Account Management

- Using Client Manager

### **3. Avamar Backups**

- Scheduled Backups
- On-Demand Backups
- Configuring Avamar Desktop/Laptop
- Managing and Monitoring Backup Activity

### **4. Performing Restores**

- Restoring Client Data
- Client Server Recovery with Avamar

### **5. Using Enterprise Manager and Replication**

- Avamar Enterprise Manager
- Avamar Replication

### **6. System Monitoring and Maintenance**

- Avamar Server Environment
- Daily System Monitoring Tasks
- Daily Avamar Server Maintenance Activities
- Managing Avamar Server Capacity

### **7. Logs, Troubleshooting, and Reporting**

- Avamar Processes and Logs
- Troubleshooting
- Avamar Reporting

### **Labs**

In addition to lecture and demonstrations, this course includes hands-on labs to provide you with practical experience.

### **Further Information:**

For More information, or to book your course, please Call/Email us on : - +254 713 027 191

[KENYA - training.kenya@clclearningafrica.com](mailto:training.kenya@clclearningafrica.com)

[TANZANIA - training.tanzania@clclearningafrica.com](mailto:training.tanzania@clclearningafrica.com)

[UGANDA - training.uganda@clclearningafrica.com](mailto:training.uganda@clclearningafrica.com)

[RWANDA - training.rwanda@clclearningafrica.com](mailto:training.rwanda@clclearningafrica.com)

[BURUNDI - training.burundi@clclearningafrica.com](mailto:training.burundi@clclearningafrica.com)

[ETHOPIA - training.ethopia@clclearningafrica.com](mailto:training.ethopia@clclearningafrica.com)