Avamar Integration and Performance Management

Duration: 5 Days Course Code: AVIPM

Overview:

This course provides participants with the knowledge necessary to expand their Avamar integration and performance management skills. The course explores performance management procedures and best practices. Avamar backup and restore of various applications and databases are also explored. Hands-on experience in integrating Avamar with various applications, databases, and Data Domain is provided through a lab environment.

Target Audience:

This course is intended for employees, partners, and customers responsible for Avamar application integration and performance management.

Objectives:

- **Upon successful completion of this course, participants should be able to:**
- Describe Avamar client, initialization, and security best practices
- Install, configure, and run backups and restores of supported database applications, NDMP appliances, and virtual environments
- Install, configure, and run backups and restores in environments integrated with Data Domain
- Describe recommended practices for Avamar performance management including sizing client caches and recovering from server capacity issues

Prerequisites:

To understand the content and successfully complete this course, a student must have a suitable knowledgebase/skill set. The student must have an understanding of

- EMC Avamar concepts and administration
- Network administration in a TCP/IP environment
- Unix/Linux system administration

Content:

The content of this course is designed to support the course objectives.

Configuring Avamar Server and Clients

- Configuring the Client Backup Environment
- Avamar Data Security

Performance Management

- Performance Rates and Factors
- Client Performance
- Tuning File and Hash Caches
- Network Bandwidth Considerations and Tuning
- Managing Avamar Server Capacity

Avamar Integration with Data Domain

- Data Domain Integration Overview
- Configuration and Troubleshooting

Avamar Integration with Microsoft Applications

- Microsoft Exchange VSS
- Microsoft SQL Server
- Microsoft SharePoint VSS
- Microsoft Windows Clusters

Avamar Integration with Databases

- Avamar Oracle Client
- Avamar DB2 Client

Avamar Integration with NDMP

Virtual Environments

- Avamar Virtual Edition
- Guest Level Virtual Machine Backup
- VMware Image Backups and Restore
- VMware Image Configuration
- Avamar Plug-ins for VMware
- Microsoft Hyper-V Backups

Avamar Tape-out Solutions

- Avamar Extended Retention
- Avamar Data Transport
- Avamar Data Migration Enabler

Further Information:

For More information, or to book your course, please call us on Head Office 01189 123456 / Northern Office 0113 242 5931

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