NetWorker Implementation and Administration

Duration: 5 Days   Course Code: NWIW

Overview:

This course focuses on optimizing EMC NetWorker performance and integrating with EMC backup products, Microsoft applications, virtual environments, Oracle and SAP. Operational best practices will be provided with a focus on configuring and performing backup and recovery of the listed applications. This course provides participants with hands-on labs to reinforce the training.

Target Audience:

This course is intended for application and backup administrators looking for a deeper understanding of NetWorker integration with applications and hardware components.

Objectives:

- Configure NetWorker resources in accordance with best practices.

- Configure and perform backup and recovery of filesystem and application data.

- Understand, configure, and perform backup and recovery using Data Domain devices in accordance with best practices.

- Understand, configure, and perform backup and recovery using Avamar deduplication nodes.

- Describe and configure backup and recovery of Microsoft SQL, Exchange, and SharePoint data following best practices.

- Describe configuration, backup and recovery of Microsoft Hyper-V.

- Describe configuration, backup and recovery of Oracle databases.

- Describe configuration, backup and recovery of VMware ESXi.

- Describe VMware protection strategies.

- Describe configuration and use cases for NetWorker Snapshot Management.

- Describe configuration, backup and recovery of SAP and SAP HANA.

Prerequisites:

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

- Microsoft Windows
- Network administration in a TCP/IP environment
- EMC NetWorker
- Microsoft SQL
- Microsoft Exchange
- Microsoft SharePoint
- Microsoft Hyper-V
- Oracle databases
- VMware vSphere
- SAP and BRTools

Content:

Module 1: NetWorker Performance Management

- Lesson 1: NetWorker Process Communication
- Lesson 2: Sizing NetWorker for Best Performance
- Lesson 3: NetWorker Performance Best Practices
- Lesson 4: Backup and Recovery Best Practices
- Lab 1: Performing NetWorker File Backup and Recovery

Module 2: NetWorker Integration with Avamar

- Lesson 1: Capabilities and Use Cases
- Lesson 2: Configuring the Integration
- Lab 2: Configuring Avamar in a NetWorker Environment

Module 3: NetWorker Integration with Data Domain

- Lesson 1: NetWorker to DD Integration and Use Cases
- Lesson 2: Configuring NetWorker Integration with Data Domain
- Lab 3: Configure Data Domain in NetWorker Environment

Module 4: NetWorker Integration with Microsoft SQL

- Lesson 1: Microsoft SQL VSS-based backup with NMM
- Lesson 2: Microsoft SQL VSS-based recovery with NMM
- Lesson 3: Microsoft SQL VDI-based backup with NMM
- Lesson 4: Microsoft SQL VDI-based recovery with NMM
- Lab 4: Microsoft SQL Backup and Recovery

Module 5: NetWorker Integration with Microsoft Exchange

- Lesson 1: Exchange Backup with NMM
- Lesson 2: Exchange Mailbox Database Recovery
- Lesson 3: Exchange Granular Level Recovery
- Lesson 4: Exchange DAG backup and recovery with NMM
- Lab 5: Microsoft Exchange Backup and Recovery

Module 6: NetWorker Integration with Microsoft SharePoint

- Lesson 1: NMM and SharePoint Backup
- Lesson 2: Microsoft SharePoint Backup and Recovery with NMM
- Lab 6: Microsoft SharePoint Backup and Recovery

Module 7: NetWorker Integration with Microsoft Hyper-V

- Lesson 1: NMM Configuration or Hyper-V Backup
- Lesson 2: NMM Configuration for Hyper-V Recovery
- Lab 7: Microsoft Hyper-V Backup and Recovery

Module 8: NetWorker Integration with Oracle

- Lesson 1: Oracle and NMDA Overview
- Lesson 2: Oracle Database Backup with NMDA
- Lesson 3: Oracle Database Recovery with NMDA
- Lab 8: Oracle Backup and Recovery

Module 9: NetWorker Integration with VMware

- Lesson 1: VMware Data Protection Fundamentals
- Lesson 2: EMC Backup and Recovery Appliance Overview
- Lesson 3: EBR Installation and Configuration
- Lesson 4: VMware Backup and Recovery with NetWorker and EBR
- Lab 6: VMware Backup and Recovery

Module 10: NetWorker Snapshot Management

- Lesson 1: NetWorker Snapshot Management Overview
- Lesson 2: NSM Requirements and Configuration Checker
- Lesson 3: NSM File System Backup and Recovery
- Lesson 4: NSM Application Backup and Recovery

Module 11: NetWorker Integration with SAP

- Lesson 1: SAP and NMSAP Overview
- Lesson 2: SAP Backup with NMSAP
- Lesson 3: SAP Recovery with NMSAP
- Lesson 4: SAP HANA Backup and Recovery with NMSAP

Further Information:

For More information, or to book your course, please call us on 00 971 4 446 4987

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