

# NetWorker Implementation and Management

## Course Description

### Course Duration

5 Days



### Overview

This course provides participants with the knowledge and basic skills necessary to install, configure, maintain and monitor NetWorker. The course contains lectures, hands-on labs and video demonstrations to provide experience with specific concepts.

### Audience

This course is intended for system administrators, partners, and software support specialists who install, configure and support NetWorker in Windows and Linux environments.

### Prerequisite Knowledge/Skills

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:

- Backup and recovery concepts and principles
- Windows or Linux system administration
- Network administration in a TCP/IP environment
- SAN and storage device concepts

Completion of the NetWorker Fundamentals eLearning course is a prerequisite.

### Course Objectives

Upon successful completion of this course, participants should be able to:

- Install NetWorker and NetWorker Management Console
- Use NetWorker resources and administrative interfaces
- Configure and perform backup and restore operations
- Manage NetWorker media and devices
- Manage NetWorker databases
- Perform cloning and staging
- Generate NetWorker reports
- Describe how to back up Windows hosts for disaster recovery
- Explain how to configure NetWorker in a cluster environment
- Backup and recover the NetWorker Management Console and NetWorker servers

### Support Contact

[Education Services](#)

### EMC Corporation

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### Course Outline

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

- Module: NetWorker Overview
  - Lesson: NetWorker Concepts and Terminology
  - Lesson: NetWorker Process and Backup Flow
  - Lesson: NetWorker Control Data
- Module: NetWorker Planning and Installation
  - Lesson: Performing Pre-installation Planning
  - Lesson: NetWorker Licensing
  - Lesson: Installing NetWorker and NMC
  - Lesson: Controlling NetWorker Processes
  - Lab: NetWorker Installation
  - Demo: Deploy and Configure an NVE
- Module: Media Tracking and Management
  - Lesson: NetWorker Pools
  - Lab: NetWorker Pools
- Module: Performing Backups
  - Lesson: Data Protection Policies
  - Lesson: Scheduling and Monitoring Backups
  - Lesson: Advanced Backup Options
  - Lesson: VMware Backup Options
  - Lab: Configuring Backups
- Module: Configuring and Managing Devices
  - Lesson: Devices Overview
  - Lesson: Using Disk Devices
  - Lesson: Using Tape Devices
  - Lesson: Configuring and Managing Library Resources
  - Lab: Configuring Devices
  - Demo: Configuring Library Devices
- Module: NetWorker Database Management
  - Lesson: Viewing and Managing Tracking Data
  - Lesson: Manual Management of the NetWorker Databases
  - Lab: NetWorker Databases
- Module: Performing NetWorker Recoveries
  - Lesson: NetWorker Recovery Overview
  - Lesson: Performing Recoveries by File Selection

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- Lesson: Performing Save Set Recoveries
- Lesson: Performing Directed Recoveries
- Lesson: Performing Filesystem Snapshot Recoveries
- Lab: NetWorker Recoveries
- Module: Performing Cloning and Staging
  - Lesson: Performing Cloning
  - Lesson: Performing Clone Controlled Replication
  - Lesson: Performing NetWorker Staging
  - Lab: Configuring Cloning and Staging
- Module: NetWorker Security
  - Lesson: NetWorker Security Features Overview
  - Lesson: NetWorker Authentication
  - Lesson: NetWorker User Groups
  - Lesson: NetWorker Logs
  - Lesson: Configuring NetWorker in a Firewall Environment
  - Lab: NetWorker Authentication, User Groups and Logs
- Module: Administering NetWorker
  - Lesson: Events and Reporting
  - Lesson: Managing NetWorker Parallelism
  - Lesson: Software Distribution
  - Lesson: Multi-tenancy
  - Lab: NetWorker Administration
- Module: Recovering Windows Hosts and Cluster Environments
  - Lesson: Recovery for NetWorker Windows Client Hosts
  - Lesson: Backup and Recovery of Cluster Environments
- Module: Recovering NetWorker and NMC Servers
  - Lesson: Protecting the Console and NetWorker Server Databases
  - Lesson: Recovering the NetWorker Server and NMC
  - Lab: Backup and Recovery of NMC and NetWorker Databases

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In addition to lecture and demonstrations, this course includes labs designed to allow practical experience for the participant.

### Course Delivery Modes and Product Version Information

Refer to the Product Version Description document for a list of Delivery Modes and product versions covered by this course.

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