



## NetWorker Installation, Configuration, and Administration

**Get an introduction to EMC NetWorker installation, configuration, maintenance, management, backup, and recovery.**

This course explores EMC NetWorker installation, configuration, maintenance, management, backup, and recovery. The course contains lectures, instructor demonstrations, and hands-on labs to provide practice in both UNIX and Windows environments.

### What You'll Learn

- Install NetWorker and NetWorker Management Console
- Use NetWorker administrative interfaces to manage the NetWorker server
- Configure and Perform backups and recoveries
- Customize backups
- Manage NetWorker databases
- Manage media and devices in NetWorker
- Configuring cloning and staging
- Configure and run NetWorker reports
- How to back up and recover in VSS and cluster environments
- Perform a disaster recovery of the NetWorker server

### Who Needs to Attend

System administrators, partners, and software support specialists who install, configure, and support EMC NetWorker in Windows and Linux environments

### Prerequisites

Understanding of:

- Backup and recovery concepts and principles
- Network administration in a TCP/IP environment
- SCSI device configuration, cabling, and addressing
- Windows or Linux system administration

### 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 - NetWorker](#)

### Course Outline

#### 1. NetWorker Overview

- NetWorker Hosts, Processes and Backup Flow
- NetWorker Features and Functions
- NetWorker Backup Terminology

#### 2. NetWorker Planning and Installation

- Installing NetWorker and NMC
- Stopping and Starting NetWorker Processes
- Connecting to the Console Server

#### 3. NetWorker Resources and Administrative Interfaces

- NetWorker Resources
- NetWorker Administrative Interfaces

#### **4. Performing Backups**

- Before Performing a Backup
- NetWorker Administrative Interfaces
- Configuring Resources for Backup
- Client Backup Command Attributes
- Performing Manual Client-initiated Backups
- NetWorker Directives
- Backing Up Virtual Clients and Applications

#### **5. NetWorker Media Management**

- NetWorker Pools Overview
- Configuring a Pool Resource

#### **6. Configuring and Managing Devices**

- Devices Overview
- Using Disk Type Devices
- Library Overview
- Configuring and Managing a Library in the GUI
- Configuring and Managing a Library Using Commands
- Reconfiguring a Library

#### **7. NetWorker Database Management**

- Querying the Client File Index and Media Database
- Save Set / Volume Status and Lifecycle
- Manual Management of the NetWorker Databases

#### **8. Performing NetWorker Recoveries**

- NetWorker Recovery Overview
- Performing Browsable Recoveries
- Performing Save Set Recoveries
- Performing Directed Recoveries
- Performing Filesystem Snapshot Recoveries

#### **9. Performing Cloning and Staging**

- Performing Cloning
- Performing NetWorker Staging

#### **10. NetWorker Security**

- NetWorker Security Features
- Managing NetWorker Hosts and Users
- NetWorker User Groups
- Audit Logging and the Jobs Database
- NetWorker Notifications

#### **11. Administering NetWorker**

- NetWorker Management Console Administration
- NetWorker Management Console Reporting
- Protecting the Console Database
- NetWorker Parallelism
- NetWorker Licensing
- Software Distribution
- Configuring NetWorker in a Firewall Environment
- Multi-Tenancy

#### **12. VSS Backups and Cluster Environments**

- VSS Backup and Recovery
- Backup and Recovery of Clusters

#### **13. Recovering a NetWorker Server**

- NetWorker Server Recovery Prerequisites
- Recovering the NetWorker Server
- Recovering NetWorker Control Data

#### **Labs**

In addition to lecture and demonstrations, this course includes hands-on exercises and labs in Windows and Linux environments designed to give you practical experience.