

NetBackup 6.x for UNIX, Administration

COURSE DESCRIPTION

Delivery Method

Instructor-led

Duration

Five days

Course Objectives

This course provides instruction on VERITAS NBU 6.x, and covers how to develop and implement a storage management strategy. At the completion of the course, you will be able to:

- Describe the master, media, and EMM servers and clients.
- Identify NBU options and agents.
- Install and verify NBU.
- Add robots and drives.
- Configure storage units, storage unit groups, volumes, and volume pools.
- Manage volumes.
- Configure policy attributes and schedules.
- Identify the available policy types.
- Define which files, directories, and clients to back up.
- Monitor and troubleshoot backup jobs.
- Restore files and monitor restore jobs.
- Verify, duplicate, expire, and import backup images.
- Back up and recover NBU catalogs.
- Use NBU notify scripts.
- Identify master server, media server, and client processes or services.
- Run user-directed backup jobs.
- Configure legacy, unified, and robust logging.
- Run NBU activity reports.
- Tune NBU.
- Install and configure NOM.
- Perform basic NOM administration tasks.

Who Should Attend

This course is for system administrators, system engineers, technical support personnel, and system integration staff who are responsible for the design, performance optimization, and troubleshooting of VERITAS NetBackup.

Prerequisites

Students should be familiar with the administration and configuration of the platforms that are covered by the course.

Hands-On

This course includes practical exercises that enable you to test your new skills and begin to transfer them into your working environment.

COURSE OUTLINE

NetBackup Essentials

- The NetBackup Environment
- NetBackup Concepts
- NetBackup Options and Agents

Installing and Configuring NetBackup

- Preinstallation Considerations
- Installing and Verifying Your NetBackup Application
- Configuring NetBackup
- Upgrade Considerations
- Troubleshooting NetBackup Installation Issues

Configuring Devices

- Adding Robots
- Adding Drives
- Adding Robots and Drives Using the Wizard
- Monitoring Shared Drives
- Monitoring and Maintaining Devices
- Troubleshooting Devices

Configuring Storage Units

- Storage Units
- Configuring Storage Units
- Configuring Storage Units Using the Device Configuration Wizard
- Troubleshooting Storage Units

Configuring Media

- Configuring Volume Pools
- Configuring Volumes
- Managing Physical Volumes

Configuring Policy Attributes

- Creating a Policy
- Policy Attributes
- Policy Types

Scheduling Policies

- Creating a New Schedule
- Policy Schedules
- Troubleshooting Policy Scheduling Issues

Client Lists and Backup Selections

- Creating Backup Selections
- Adding Clients to a Policy

COURSE OUTLINE

continued

- Distributing Client Software
- Troubleshooting Backup Selections and Client Issues

Performing Manual Backups

- Invoking Backup Operations
- Using the NetBackup GUI for Backup Operations
- Troubleshooting Problems with Backup Operations

Performing Restores

- How Restores Work
- Performing Restore Operations
- Troubleshooting Restore Issues

Managing Media and Images

- Understanding Media
- Verifying Backup Images
- Duplicating Backup Images
- Expiring Backup Images
- Importing Backup Images
- Troubleshooting Media-Related Issues

Performing Catalog Backups and Restores

- NetBackup Catalogs
- Catalog Backups
- Configuring Catalog Backups
- Disaster Recovery
- Troubleshooting

Using NetBackup Scripts

- Notify Scripts
- Additional Scripts

NetBackup Process Flow

- NetBackup Processes
- Monitoring and Managing Processes
- NetBackup Communications
- Troubleshooting NetBackup Processes, Daemons, and Communications

Performing User Backups

- Setting Up User-Directed Backup Jobs
- Running User-Directed Backups and Archives
- Troubleshooting User-Directed Backups and Archives

Using Debug Logs and Reports

- Legacy Logging
- Unified Logging
- Robust Logging
- NetBackup Reports

Tuning NetBackup

- Planning an Efficient Backup Strategy
- Using Multiple Data Streams
- Tuning Data Buffers
- Customizing Host Properties

NetBackup Operations Manager

- NOM Overview
- Initial Setup and Configuration
- The NOM Console
- NOM Operations
- NOM Administration