



VERITAS NetBackup 6.X for UNIX – VNB

(Course Code: VNB)

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.

Duration: Five days

REGISTRATION AND INFORMATION

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Course Outline

1. NetBackup Essentials

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

2. Installing and Configuring NetBackup

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

3. Configuring Devices

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

4. Configuring Storage Units

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

5. Configuring Media

- Configuring Volume Pools
- Configuring Volumes
- Managing Physical Volumes

6. Configuring Policies Attributes

- Creating a Policy
- Policy Attributes
- Policy Types

7. Scheduling Policies

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

8. Client and Backup Selection Lists

- Creating Backup Selections
- Adding Clients to a Policy
- Distributing Client Software
- Troubleshooting Backup Selections and Client Issues

9. Performing Manual Backups

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

10. Performing Restores

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

11. Managing Media

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

12. Performing Catalog Backups and Restores

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

13. Using NetBackup Scripts

- Notify Scripts
- Additional Scripts

14. NetBackup Process Flow

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

15. Performing User Backups

- Setting up User-Directed Backup Jobs
- Running User-Directed Backups and Archives
- Troubleshooting User-Directed Backup and Archive

16. Using Debug Logs and Reports

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

17. Tuning NetBackup

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

18. NetBackup Operations Manager

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

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