

## Veritas NetBackup 6.5 for Solaris, Administration

### COURSE DESCRIPTION

This Veritas NetBackup 6.5 Administration course provides the IT professional with instruction on the functionality of Veritas NetBackup 6.5 software. This course covers the general principles of using NetBackup to develop and implement a storage management strategy, including how to:

- Install, configure, and operate NetBackup 6.5.
- Manage NetBackup using the graphical interfaces, commands, and scripts.
- Provide service protection and recovery.
- Use the Activity Monitor and logs to monitor NetBackup processes.

### Delivery Method

Instructor-led

### Duration

Five days

### Course Objectives

This course provides instruction on NetBackup 6.5 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.
- Use the NBU Administration Console and NOM.
- 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 NetBackup LiveUpdate.
- Configure media groups and media ownership.
- Manage disk resources.
- Configure advanced staging using lifecycle policies.
- Identify master server, media server, and client processes or services.
- Run NBU activity reports.
- 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 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 Challenges of Enterprise Backup
- 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

#### Introduction to NetBackup Interfaces

- The Administration Console
- Using the Command Line
- Using NOM

#### Configuring Tape Devices

- Adding Robots
- Adding Drives
- Monitoring Shared Drives
- Monitoring and Maintaining Devices
- Troubleshooting Devices

#### Configuring Storage Units

- Storage Units
- Configuring Storage Units
- Troubleshooting Storage Units

#### Configuring Volumes

- Configuring Volume Pools
- Configuring Volumes
- Managing Physical Volumes

### **Configuring Policies**

- Creating and Configuring Policy Attributes
- Creating a Policy Schedule
- Adding Clients to a Policy
- Distributing Client Software
- Creating Backup Selections
- Troubleshooting Policies

### **Performing Backups and Restores**

- Using the NetBackup GUI for Backup Operations
- Performing Restore Operations
- Troubleshooting Problems with Backup and Restore Operations

### **Managing Media**

- Media States
- How NetBackup Selects Media
- Media Reports
- Troubleshooting Media-related Issues

### **Administrative Tasks and Challenges**

- Backup Copies and Duplication
- Managing Backup Images
- Managing Client-requested Operations
- Backup Challenges

### **Performing Catalog Backups and Restores**

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

### **Managing Software Updates**

- Introduction to NetBackup LiveUpdate
- Setting Up NetBackup LiveUpdate
- Using NetBackup LiveUpdate

### **Customizing Backup Policies**

- Data Streams and Multiplexing
- Specialized Backup Solutions
- Additional Policy Options

### **Managing Media Sharing**

- Introduction to Media Sharing
- Media Groups
- Maximizing Tape Utilization
- Media Ownership

### **Managing Disk Resources**

- Disk Pools
- Load-Balancing
- Disk Spanning
- SharedDisk

### **Configuring Advanced Staging**

- Lifecycle-based Staging
- Expiration and Retention
- Configuring Service Levels
- Configuring Storage Lifecycle Policies
- Configuring Lifecycle-Based Policies
- Using the Storage Lifecycle Utility

### **Working with Support**

- Support Resources
- NetBackup Processes and Services
- Enabling Debug Logs