

NetBackup 7.0 for UNIX and Windows - Differences

COURSE DESCRIPTION

This *NetBackup 7.0 for UNIX and Windows - Differences* course is designed for internal Symantec Support, SE, Consulting, and Partner students with prior NetBackup experience who are tasked with supporting environments that are upgrading from NetBackup 6.x to NetBackup 7.0 on UNIX or Windows. This three-day instructor-led offering provides details about the new features of NetBackup 7.0 and covers how to install or upgrade, configure, administer, and troubleshoot NetBackup 7.0.

Delivery Method

Instructor-led training

Duration

Three days

Course Objectives

After attending this course, you will be able to:

- Identify all features and changes that are new in NetBackup 7.0.
- List available reference material locations for NetBackup 7.0.
- Identify UNIX and Windows proliferation changes in NetBackup 7.0.
- Upgrade an existing UNIX NetBackup 6.x installation to NetBackup 7.0.
- Upgrade an existing Windows NetBackup 6.x installation to NetBackup 7.0.
- Use the provided tool to validate the upgrade of the NetBackup relational databases to the new SA11 format.
- Outline the layout of the new NetBackup 7.0 distribution DVDs.
- Explain how UNIX packages have been consolidated in NetBackup 7.0.
- Perform a new NetBackup 7.0 UNIX Master Server installation.
- Perform a new NetBackup 7.0 Windows Media Server installation.
- Detail the update to Sybase SQL Anywhere 11 in NetBackup 7.0.
- Summarize the changes due to the transition from VSP to VSS for open file backups.
- Configure a LiveUpdate policy.
- Install and configure embedded AT Security in NetBackup 7.0.
- Summarize changes to the NetBackup 7.0 Agent for protection of Enterprise Vault 8.0.
- Outline how NetBackup 7.0 protects Exchange 2010, including backing up database availability groups.
- Summarize how NetBackup 7.0 protects different environments that use Hyper-V virtual machines.
- Explain how NetBackup 7.0 protects VMware environments using vStorage APIs.
- Describe the purpose of OpsCenter in NetBackup 7.0 and its basic operations.
- Summarize the steps necessary to upgrade to OpsCenter from an existing NOM or VBR installation.
- Perform the steps to install OpsCenter to operate with NetBackup 7.0.
- Navigate within OpsCenter in NetBackup 7.0.
- Summarize deduplication as it pertains to NetBackup 7.0.
- Detail the operation of NetBackup Media Server deduplication in NetBackup 7.0.
- Outline the configuration of a NetBackup Media Server Deduplication Pool.
- Summarize the concept of client-direct backups and restores.
- Detail communications that take place in client-direct backups and restores.
- Configure NetBackup 7.0 for client-direct backups and restores.
- Summarize guided application recovery and how it is used in NetBackup.
- Explain how to use the new Guided Application Recovery Wizard.
- Demonstrate how to use the OpsCenter interface to troubleshoot NetBackup 7.0.
- Outline how to troubleshoot each of the listed areas that has changed within NetBackup 7.0.

Who Should Attend

This course is for internal Symantec students from the Support, SE, Consulting, and Partner organizations with prior NetBackup experience who need to learn about the effective deployment, configuration, and use of the new features in NetBackup 7.0. Anyone interested in the following will benefit from this course:

- Installing NetBackup 7.0
- Upgrading to NetBackup 7.0
- Configuring new features in NetBackup 7.0
- Administering NetBackup 7.0 environments
- Deploying NetBackup 7.0 environments
- Troubleshooting the new features of NetBackup 7.0

Prerequisites

You must have completed one of the following course combinations, or have equivalent working knowledge:

- *NetBackup 6.0 – Core (TTE)* and *NetBackup 6.5 – Differences (TTE)*
- or
- *NetBackup 6.5 Administration Fundamentals I and II (SES)*

and you must also have completed:

- *NetBackup 6.5 – OpenStorage Option (TTE)*
- *NetBackup 6.5 – SharedDisk Option (TTE)*
- *NetBackup 6.5.2 – Differences (TTE)*
- *NetBackup 6.5.3 – Differences (SES)*
- *NetBackup 6.5.4 – Differences (SES)*

Hands-On

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

COURSE OUTLINE

What Is New in NetBackup 7.0?

- Overview of changes
- List of resources
- Platform support changes

Upgrading to NetBackup 7.0

- Upgrade paths and resources
- Upgrading UNIX to NetBackup 7.0
- Upgrading Windows to NetBackup 7.0
- Validating NetBackup databases

Installing NetBackup 7.0

- Installing NetBackup 7.0 on UNIX
- Installing NetBackup 7.0 on Windows

Infrastructure Change Overview

- New DVD layout
- UNIX package consolidation
- VSP transitioning to VSS
- LiveUpdate policies

Media Server Deduplication

- Deduplication overview
- NBU Media Server deduplication
- Media server deduplication pool configuration
- Monitoring deduplication
- Client-direct deduplication

Windows Application Protection Changes

- Enterprise Vault Agent changes
- Exchange 2010 support

Virtual Client Protection Changes

- Hyper-V support
- Protecting VMware environments

OpsCenter

- OpsCenter overview
- Upgrading existing NOM and VBR
- Installing OpsCenter
- Using the OpsCenter interface

Advanced Infrastructure Changes

- Sybase SQL Anywhere 11
- Installing and configuring embedded AT security
- Media server deduplication operations

Application Protection Operation Changes

- Enterprise Vault Agent operations
- Exchange 2010 operations
- Advanced Hyper-V support
- VMware vStorage APIs in NetBackup 7.0 for VMware

Client-direct Operations

- Client-direct overview
- Client-direct communications
- Configuring client-direct operations

Guided Application Recovery

- Guided application recovery (GAR) overview
- Using the GAR Wizard

Troubleshooting in NetBackup 7.0

- Restructured VxUL directories
- Troubleshooting using OpsCenter
- Troubleshooting application protection
- Troubleshooting new elements of NetBackup 7.0