Veritas NetBackup Server Migration: Administration

COURSE DESCRIPTION

The *Veritas NetBackup Server Migration: Administration* course is designed for IT professionals who are responsible for maintaining and managing Veritas NetBackup server migration. The Veritas NetBackup migration process and the steps described in this course are applicable for migrating Veritas NetBackup version 8.1 onwards to the latest Veritas NetBackup version.

This course covers how to prepare the source and target servers for migration, analyze the pre-migration report, perform the migration process, and complete post-migration tasks. The course also discusses common migration issues and their resolution.

Delivery Methods

This course is available in the following delivery methods:

- Instructor-led training (ILT)
- Virtual instructor-led training (VILT)
- Learning Lab

Duration

- Instructor-led training - ILT: 2 days, including 6 months of lab access
- Virtual instructor-led training - VILT: 2 days, including 6 months of lab access
- Learning Lab – Self-paced lesson guide plus 6 months of lab access

Course Objectives

After completing this course, you will be able to:

- Explain how the NetBackup Server Migrator Utility helps in NetBackup migration.
- State the supported and unsupported features and migration scenarios.
- Differentiate between the NetBackup Server Migrator Utility and Catalog Manipulation and Migration Service (CATMAN).
- List the considerations for executing the migration process using the NBServerMigrator Utility.
- Explain the prerequisites for using the NBServerMigrator Utility on Windows, Linux, Unix, or Solaris source and target Primary servers.
- Describe the platform-independent tasks that need to be performed before running the NBServerMigrator Utility.
- Generate the pre-migration report.
- View and analyze the information presented in the pre-migration report.
- Explain the steps needed to run the VxMigrate tool.
- Explain the migration process flow, components, and commands.
- Explain the data transfer process used for migrating the image database (.f files).
- Explain the process of running the migration command with the Overwrite option.
- Describe the certification deployment process flow on the Primary server.
- Run the post-migration report on the target Primary server.
- State post-migration considerations for synchronizing Media servers and clients with the new Primary server.
- Present an overview of NBServerMigrator logs.
- Work with NetBackup database-related logs and SSL certificate retention.
- Troubleshoot common migration issues.

Who Should Attend

This course is designed for technical professionals responsible for monitoring and managing Veritas NetBackup server migration.

Prerequisites

Students must have working knowledge of Veritas NetBackup and Veritas NetBackup appliances. Knowledge of storage management and networking are also required.

Hands-On

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

COURSE OUTLINE

Introducing NetBackup Primary Server Migration

- Working with the NetBackup Server Migrator Utility
- Supported and Unsupported Scenarios and Features
- Differentiating NetBackup Migrator Utility and Catalog Manipulation and Migration Service (CATMAN)

Preparing the Source and Target Servers for Migration

- Running NBServerMigrator Utility: General Considerations
- Prerequisites for Windows Primary Server
- Prerequisites for Linux, Unix, and Solaris Primary Servers
- Running NBServerMigrator Utility: Additional Essential Tasks

Labs

- Exercise A: Verifying the Source and Target Server Hostnames
- Exercise B: Verifying the Source and Target Server EMM and NetBackup Server Name
- Exercise C: Verifying the Required Packages

Viewing and Analyzing the Pre-Migration Report

- Understanding Pre-Migration Report
- Executing the Pre-Migration Report

Labs

- Exercise A: Running the Pre-migration Report on the Target
- Exercise B: Running the Pre-migration Report on the Source
- Exercise C: Analyzing the Pre-migration Report

Performing Certificate Migration

- Understanding the VxMigrate Tool
- Executing the VxMigrate Tool

Labs

- Exercise A: Stopping NetBackup Services on the Source and Target Servers
- Exercise B: Exporting the Config File on the Source Server
- Exercise C: Exporting the Config File on the Target Server
- Exercise D: Importing the Config File on the Target Server

Performing the Migration

- Migration Process: Overview
- Understanding Data Transfer
- Performing Migration with the Overwrite Option

Labs

- Exercise A: Preparing for Migration
- Exercise B: Performing Migration on the Target Server

Completing Post-Migration Tasks

- Post-Migration Tasks: Overview
- Synchronizing Media Servers and Clients to the New Primary Server

Labs

- Exercise A: Updating Host File Entries on the Clients and the Media Server
- Exercise B: Regenerating Certificates on the Target Server
- Exercise C: Running the Post Manipulation Report
- Exercise D: Activating Backup Policies and SLPs
- Exercise E: Resetting the NBDB Password

Troubleshooting Common Issues

- NBServerMigrator Logs
- Common Troubleshooting Issues and Scenarios

About Veritas

Veritas Technologies is a global leader in data protection and availability. Over 80,000 customers— including 87 percent of the Fortune Global 500—rely on us to abstract IT complexity and simplify data management. The Veritas Enterprise Data Services Platform automates the protection and orchestrates the recovery of data everywhere it lives, ensures 24/7 availability of business-critical applications, and provides enterprises with the insights they need to comply with evolving data regulations. With a reputation for reliability at scale and a deployment model to fit any need, Veritas Enterprise Data Services Platform supports more than 800 different data sources, over 100 different operating systems, more than 1,400 storage targets, and more than 60 different cloud platforms. Learn more at www.veritas.com. Follow us on Twitter at @veritastechllc.

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