Symantec NetBackup 7.5 for UNIX and Windows: Advanced Administration

Duration: 4 Days   Course Code: DP0155

Overview:

The Symantec NetBackup 7.5 for UNIX and Windows: Advanced Administration course provides the IT professional with instruction on advanced SymantecNetBackup 7.5 software functionality and administrative tasks.
This course covers advanced NetBackup topics, including deduplication, NetBackup performance, disaster recovery, virtual machine backups, application backups, NetBackup Search, and security.
This course also covers using NetBackup to manage Oracle, Microsoft Exchange, and Microsoft SQL database backups.
This course includes practical hands-on exercises that enable you to test your new skills and begin to use those skills in a working environment.

Target Audience:

This course is intended for experienced NetBackup system administrators, system engineers, technical support personnel, and system integration staff who areresponsible for implementing new and advanced NetBackup features and functions.

Objectives:

- By the end of this course, you should be able to:

- Configure and run backups that use media server and client-side deduplication.

- Improve NetBackup performance by addressing bottlenecks, tuning NetBackup buffers, and using NetBackup Accelerator.

- Prepare for common disasters and plan for disaster recovery using optimized duplication, Replication Director, and Auto Image Replication.

- Configure, run, and manage virtual machine backups using VMware.

- Describe requirements for backing up third-party applications and databases.

- Configure NetBackup to back up and restore Oracle, Microsoft Exchange, and Microsoft SQL databases.

- Discuss strategies for Oracle, Microsoft Exchange, and Microsoft SQL database recovery.

- Configure and use NetBackup Search to perform queries and searches, and create and release legal and local holds.

- Ensure your NetBackup environment is secure using encryption, authentication, and authorization.

Prerequisites:

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

Students must also have one to three years experience with basic NetBackup administration, configuration, and operation.

These prerequisites can be met by attending any version of the Symantec NetBackup Administration course plus additional on the-job experience.

Content:

NetBackup Concepts Review

- Reviewing the NetBackup environment
- Reviewing NetBackup concepts
- Reviewing NetBackup administrative interfaces

Managing NetBackup Deduplication

- Introduction to NetBackup deduplication
- Configuring NetBackup media server deduplication
- Configuring client-side deduplication
- Managing NetBackup media server deduplication

Improving NetBackup Performance

- NetBackup performance overview
- Isolating bottlenecks
- Addressing bottlenecks
- Tuning NetBackup buffers
- Using NetBackup Accelerator

Advanced Disaster Recovery Strategies

- Disaster recovery strategies
- Optimized duplication
- Introduction to Replication Director
- Disaster recovery for the NetBackup infrastructure

Using Auto Image Replication for Disaster Recovery

- Introduction to Auto Image Replication
- Configuring Auto Image Replication
- Monitoring Auto Image Replication
- Managing and maintaining Auto Image Replication

Managing Virtual Machine Backups

- Introduction to virtual machines
- Configuring VMware backups
- Managing VMware backups and restores
- NetBackup support for Hyper-V
- NetBackup support for other virtualization solutions

Application Backup Concepts

- Understanding application needs
- Database backup and restore concepts
- Customizing generic application backups

Managing Oracle Backups

- Introduction to the Oracle database
- Configuring NetBackup to back up and restore

Oracle databases

- Monitoring and maintaining Oracle database backups
- Oracle database disaster recovery considerations

Managing Microsoft Exchange Backups

- Introduction to the Microsoft Exchange Server
- Configuring NetBackup for Exchange
- Exchange and high availability environments
- Exchange and VMware backups
- Monitoring and maintaining Exchange database backups
- Exchange disaster recovery considerations

Managing Microsoft SQL Backups

- Introduction to Microsoft SQL Server
- Configuring NetBackup for SQL Server policies
- Using the NetBackup Microsoft SQL Client console
- Monitoring SQL Server database backups
- SQL Server and VMware backups
- SQL Server disaster recovery considerations

Compliance and NetBackup Search

- Introduction to NetBackup Search
- Configuring indexing
- Performing searches and hold management
- Ingesting into Enterprise Vault
- Troubleshooting NetBackup Search

Additional NetBackup Topics

- Network resiliency
- Media-related topics
- Auditing NetBackup
- Securing NetBackup
- Securing NetBackup using encryption

Further Information:

For More information, or to book your course, please call us on 00 966 92000 9278

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