

## Veritas NetBackup 6.5 for Oracle *for Solaris*

### COURSE DESCRIPTION

This course provides comprehensive instruction of Oracle database backup, recovery, and restoration using Veritas NetBackup™ 6.5 for Oracle and the Oracle9i Recovery Manager (RMAN). You will learn to configure and use these tools to perform various backup and recovery operations.

#### Delivery Method

Instructor-led

#### Duration

Three days

#### Course Objectives

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

- Identify components of the Oracle architecture.
- Establish and manage a recovery catalog and link it to the target database.
- Install the Veritas NetBackup for Oracle extension and link it with RMAN.
- Perform offline (cold) and online (hot) backups of complete Oracle databases in addition to specific components.
- Establish backup policies specifically for Oracle databases.
- Create RMAN scripts and templates using Veritas NetBackup for Oracle wizards.

#### Who Should Attend

This course is designed for database administrators (DBAs) who will be responsible for the maintenance of Oracle databases within their enterprise environment and system administrators who will be responsible for the backup and recovery of systems within their enterprise environment.

#### Prerequisites

This course is designed with consideration to both DBAs and system administrators. A basic familiarity with operating Veritas NetBackup™ is expected. Knowledge of Oracle9i is desirable, but not 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

#### Oracle Concepts

- Oracle Architecture
- Oracle Instance

- Environment Variables and Functions
- Database Queries
- Oracle Alert Log and Trace Files

#### Database Backup and Restore Fundamentals

- Database Failures
- Types of Database Backups
- Protecting Your Databases

#### NetBackup Essentials

- The NetBackup Environment
- NetBackup Concepts
- NetBackup Notify Scripts

#### RMAN Concepts and Backup Operations

- RMAN Architecture
- RMAN Commands
- RMAN Backups
- RMAN Configuration
- The RMAN Recovery Catalog

#### NetBackup for Oracle Installation and Configuration

- Installing NBUO
- Configuring NBUO with RMAN

#### Performing Backups Using NetBackup for Oracle with RMAN

- Configuring a NetBackup for Oracle Policy
- Managing the Run-Time Environment
- Using Shell Scripts
- The NetBackup for Oracle Wizard
- Testing the NetBackup for Oracle Configuration

#### Simple Restore and Recovery Operations

- Restore Operations
- Shell Scripts and Templates

#### RMAN Recovery Catalog Management

- Recovery Catalog Maintenance
- Storing Scripts
- Querying the Recovery Catalog
- Managing the Repository
- Backing Up and Recovering the Recovery Catalog

#### Advanced RMAN Recovery Topics

- Recovering Critical Files
- Incomplete Recovery
- Database Recovery Challenges
- Redirecting Restores

#### RMAN Management and Monitoring

- RMAN Compatibility Issues
- RMAN Tuning