Cohesity Data Protection for Oracle Database Administrators

The Cohesity Data Protection for Oracle Database Administrators class is a one-day technical class focused on teaching database administrators how to best utilize Cohesity DataProtect to protect their databases.

The course is structured to be flexible to match the use cases that customers may encounter. After providing an overview of Cohesity DataProtect and its features, students will be introduced to concepts realized with Cohesity's revolutionary platform.

Topics covered will include common and advanced workflows for Oracle.

Data Protection for Oracle Database Administrators Training

Course Objectives
By the end of this course the learner should be able to:

- Identify key Cohesity Helios and DataProtect features
- Recognize the key use cases enabled by DataProtect
- Register, protect and restore multiple types of Oracle data sources
- Review workflows and troubleshooting
- Utilize best practices in working with Cohesity Support

Intended Audience
- Database Administrators
- Backup/System Administrators

Prerequisite Skills
- Prior experience performing database backup and recovery tasks
- Basic System Administration skills (Linux and VMware)
- Experience with Oracle

Training Prerequisites
- None

Key Benefits
- A detailed review of the options available for protecting Oracle databases, and how to create and protect Cohesity Views
- Hands-on labs for 'Protecting and Recovering Oracle Standalone and RAC Instances'
Course Syllabus

Introductions (10 minutes)
- Class Introduction
- Course Overview

Lab Overview (10 minutes)
- Review the Lab Environment

Core Concepts (30 minutes)
- Cohesity Overview
- Data Protection Overview
- Snapshot Overview
- Cohesity Views
  - Workflow Theory
  - Protection
  - Recovery
  - Archive
  - Replication

Data Protection: Oracle (3.5 hours)
- Overview
- Options/Features
- Protection Workflows
  - Oracle Recovery Manager (RMAN) to View
  - Remote Adapter
  - Oracle Adapter
- Recovery Workflow
  - Oracle Standalone
  - Oracle Real Application Cluster (RAC)

Labs (90 minutes):
- RMAN to View (20 minutes)
  - Create an NFS View to Use for Storing RMAN Backups
  - Configure RMAN to Back Up to a Cohesity View
  - Create a Protection Job for a Cohesity View
- Cohesity Remote Adapter (20 minutes)
  - Configure the Cohesity Remote Adapter so it can Manage RMAN Backups
- Oracle Adapter - Standalone (25 minutes)
  - Create a Protection Job and Policy to Back Up a standalone Oracle Database Server
  - Restore an Oracle Database to the Original Host
  - Restore an Oracle Database to an Alternate Host
- Oracle Adapter – RAC (25 minutes)
  - Create a Protection Job and Policy to Back Up an Oracle RAC
  - Restore an Oracle Database to the Original RAC Host
  - Restore a Database Backed Up from an Oracle RAC to an Alternate, Standalone Server

Close and Q&A (10 minutes)
- Questions and Answers
- Exam (optional)
- Survey Completion
- Additional Feedback

For more information contact education@cohesity.com.