

Cohesity Data Protection for Microsoft SQL Database Administrators

Key Benefits

- A detailed review of the options available for protecting Microsoft SQL databases, and how to create and protect Cohesity Views
- Hands-on labs for Protecting and Recovering Standalone, AAG, and FCI Microsoft SQL Databases

The Cohesity Data Protection for Microsoft SQL Database Administrators class is a one-day technical class focused on teaching database administrators, backup operators, and administrators how to best utilize the Cohesity platform and Cohesity DataProtect to protect Microsoft SQL databases.

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 Microsoft SQL protection.

Database Administrators Training

Course Objectives

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

- Identify key Cohesity DataProtect features
- Recognize the key use cases enabled by the Cohesity platform and Cohesity DataProtect
- Register, protect, and recover multiple types of SQL data sources
- Configure different Microsoft SQL backup workflows including Volume-based, File-based, and VDI-based

Intended Audience

- Database Administrators
- Backup/System and Operators

Prerequisite Skills

- Prior experience performing database backup and recovery tasks
- Basic System Administration skills
- Basic understanding of Microsoft SQL Server concepts

Training Prerequisites

- Cohesity Platform Foundations eCourse

Course Syllabus

Introductions

- Class Introduction
- Course Overview

Microsoft SQL Protection

- Overview
- Options and Features
- Native Backup to a Cohesity View
- Registration, Protection, and Recovery Workflows
 - Standalone Microsoft SQL Servers
 - Always On Availability Group (AAG) SQL Servers
 - Failover Cluster Instance (FCI) SQL Servers
- Traditional Backup Targets
 - Configure SQL to Backup to a Cohesity View
 - Create a Protection Group for a Cohesity View
 - Hands-on Lab Activities

- Protect Standalone Microsoft SQL Servers using the Cohesity Microsoft SQL Adapter
 - Install the Physical Agent on a Standalone SQL Server
 - Register a Standalone SQL Server Source with the Cohesity Cluster
 - Create a Protection Group and Policy to Backup a Standalone SQL Server
 - Recover a SQL Database to the Original Host
 - Recover a SQL Database to an Alternate Host
 - Recover a SQL Database to a Specific Point in Time
 - Perform an On-demand Recovery of a SQL Database
 - Use the Cohesity Test/Dev Workflow to Clone SQL Databases
 - Hands-on Lab Activities
- Protect Always On Availability Groups (AAG) using the Cohesity Microsoft SQL Adapter

- Create a Protection Group and Policy to Backup a SQL AAG
- Recover a Database to a SQL AAG
- Join a Recovered Database Back to a SQL AAG
- Hands-on Lab Activities
- Protect Failover Cluster Instance using the Cohesity Microsoft SQL Adapter
 - Register a SQL FCI Source with a Cohesity Cluster
 - Create a Protection Group and Policy to Backup a SQL FCI
 - Recover a Database to a SQL FCI
 - Hands-on Lab Activities

Closing and Q&A

- Questions and Answers
- Survey Completion
- Additional Feedback

For more information contact academy@cohesity.com.

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