



Arrow ECS Finland Oy - Education Services

TRAINING OFFERING

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Protecting SQL Server

CODE:	LENGTH:	PRICE:
NEP_PROTSQL	16 Hours (2 days)	€2,040.00

Description

This course covers the deployment of the SnapCenter Plug-in for Microsoft SQL Server. In this course, you learn about the features of the plug-in and how to install and perform initial configuration of the plug-in. You learn how to protect, clone, and restore Microsoft SQL Server databases by using SnapCenter software. Through instructor-led presentations, you gain knowledge about these topics. Hands-on exercises provide you with experience in performing these tasks.

Objectives

This course focuses on enabling you to do the following:

- Describe the features of the Microsoft SQL Server Plug-in
- List the workflow for using SnapCenter software to protect Microsoft SQL Server databases
- Explain how SnapCenter software uses NetApp technology to protect SQL Server databases
- Illustrate the recommended NetApp storage layouts to support SQL Server data
- Describe data protection strategies for SQL Server databases by using SnapCenter software
- Demonstrate how to configure and perform SQL Server database backups by using SnapCenter software
- Demonstrate SQL Server database restores that use SnapCenter software
- Describe cloning strategies that use SnapCenter software and NetApp technology
- Build alerting and reporting operations for Plug-in for SQL Server

Audience

- NetApp and NetApp Partner Professional Services
- Systems Engineers
- NetApp Customers

Prerequisites

The following 5 day instructor led class is required.. [OT-CLU-DPA - ONTAP Cluster Administration & Data Protection](#)
In addition to the following 3 day instructor led class.. [SNAP-C-ADM - NetApp SnapCenter Administration](#)

The SnapCenter Fundamentals free of charge elearning is also required which can be accessed directly from the NetApp Learning Centre. Please contact us for further help as required

[Contact Us](#)

Programme

Module 1: SnapCenter Plug-In for Microsoft SQL Server Overview

- Features
- MS SQL server data protection workflow

Module 2: Getting Started with the SnapCenter Plug-In for MS SQL Server

- Prerequisite tasks for using the Plug-In
- Installation steps for the Plug-in
- Plug-in configuration
- Storage layout recommendations and restrictions
- Storage design for a virtualized environment

Module 3: Data Migration

- Resource wizard
 - Importing from SnapManager software
- ### Module 4: Creating and Backing up SQL Server Resources

- Data protection strategy
 - Backing up SQL server databases
- ### Module 5: Restoring SQL Server Resources

- Defining a restore strategy
 - Restoring SQL server databases
- ### Module 6: Cloning SQL Server Databases

- Defining a cloning strategy
 - Cloning a SQL server database backup
 - Splitting a SQL server cloned database
 - Clone lifecycle management
- ### Module 7: Monitoring and Managing SQL Server Operations

- Monitoring operations
 - Canceling a database backup operation
 - Monitoring and managing a thin-provisioned environment
 - Setting thresholds, alerts and reports
- ### Labs:

- Configuring SnapCenter and install plug-ins for MS SQL Server
- Migrating databases
- Protecting a MS SQL server database
- Restoring a MS SQL server database
- Cloning a MS SQL server database

- Performing management and monitoring tasks by using SnapCenter software and NetApp ONTAP system manager
- Appendix A - Challenge labs:**

- Migrating a database from existing volume to a new volume
- Configuring backup and replication for the newly migrated database
- Configuring a clone lifecycle for the development team
- Performing a point-in-time restore to remove database corruption

Session Dates

Date	Location	Time Zone	Language	Type	Guaranteed	PRICE
13 Jul 2023	Virtual Classroom (CET +1 / UTC +2)	EEST	English	Classroom		€2,040.00
23 Oct 2023	Virtual Classroom (CET +1 / UTC +2)	EEST	English	Classroom		€2,040.00
18 Dec 2023	Virtual Classroom (CET +1 / UTC +2)	EET	English	Classroom		€2,040.00

Additional Information

[This training is also available as onsite training. Please contact us to find out more.](#)