



NETAPP UNIVERSITY

# Microsoft SQL Server 2005 on NetApp Storage Systems

## COURSE DESCRIPTION

This solution-based course focuses on the optimization of Microsoft® SQL Server™ 2005 in a NetApp® storage environment. This course takes students through the entire systems-integration process of architecture planning, data migration, backup and restore, disaster recovery, and troubleshooting.

## DELIVERY TYPE

Instructor-led training (ILT)

## DURATION

4 Days

## AUDIENCE

An administrator who is responsible for the integration process of architecture planning, data migration, backup and restore, disaster recovery, and troubleshooting SQL Server with NetApp storage system environments

## TRAINING UNITS

- Training Units: 48

## PREREQUISITES

- Data Protection and Retention (ILT)
- Data ONTAP Fundamentals (ILT / WBT)
- Data ONTAP SAN Administration (ILT)
- High Availability (WBT)

At least one of the following:

- Microsoft Course 2072A: Administering a Microsoft SQL Server 2000 Database
- Microsoft Exam 70-228: System Administration for Microsoft SQL Server 2000
- One year of Microsoft SQL Server 2005 experience

## OBJECTIVES

At the end of this course you should be able to:

- Describe the benefits of running SQL Server 2005 on a NetApp storage system.
- Perform SQL Server 2005 storage planning, implementation, and administration.
- Architect a high performance, highly available, consolidated SQL Server solution on a NetApp storage system.
- Deploy SQL Server 2005 on a NetApp storage system.
- Describe the SQL Server 2005 backup and restore process using SnapManager®.
- Determine the correct NetApp storage controller model, volume size, and LUN size to support the solution.

- Back up and verify a SQL Server 2005 database using SnapManager.
- Restore data using SnapManager.
- Describe different disaster-recovery methods.
- Implement disaster-recovery methods.
- Isolate and correct faults in a SQL Server and SnapManager solution.

## CERTIFICATION PATH

<http://www.netapp.com/us/services/university/certification.html>

NetApp creates innovative storage and data management solutions that help you accelerate business breakthroughs and achieve outstanding cost efficiency. Discover our passion for helping companies around the world go further, faster at NetApp.com.

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