



# HEROTEC

NETWORK PROFESSIONAL TRAINING

## Course 20-462 C: Administering Microsoft SQL Server Database

<b>Related Certificate</b>	MCSE SQL Server 2012
<b>Course ID</b>	Course 20-462 C: Administering Microsoft SQL Server
<b>Related Exams</b>	70-462
<b>Audience</b>	IT Professional
<b>Hours</b>	40

## Overview:

This course provides students with the knowledge and skills to maintain a Microsoft SQL Server 2014 database. The course focuses on teaching individuals how to use SQL Server 2014 product features and tools related to maintaining a database.

## Objectives:

- Describe core database administration tasks and tools.
- Install and configure SQL Server 2014.
- Configure SQL Server databases and storage.
- Plan and implement a backup strategy.
- Restore databases from backups.
- Import and export data.
- Monitor SQL Server.
- Trace SQL Server activity.
- Manage SQL Server security.
- Audit data access and encrypt data.
- Perform ongoing database maintenance.
- Automate SQL Server maintenance with SQL Server Agent Jobs.
- Configure Database Mail, alerts and notifications.

## Outlines:

- Module 1: Introduction to SQL Server 2014 Database Administration
- Module 2: Installing and Configuring SQL Server 2014
- Module 3: Working with Databases and Storage
- Module 4: Planning and Implementing a Backup Strategy
- Module 5: Restoring SQL Server 2014 Databases
- Module 6: Importing and Exporting Data
- Module 7: Monitoring SQL Server 2014
- Module 8: Tracing SQL Server Activity
- Module 9: Managing SQL Server Security
- Module 10: Auditing Data Access and Encrypting Data
- Module 11: Performing Ongoing Database Maintenance
- Module 12: Automating SQL Server 2014 Management
- Module 13: Monitoring SQL Server 2014 by Using Alerts and Notifications

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