

Content of Glance**MS SQL Server Administration 2008****Duration: 65 hours**

This SQL Server 2008 administration training course provides delegates with the knowledge and skills required to install, configure, administer and troubleshoot Microsoft SQL Server. The course provides extensive hands-on practical experience to build and develop competence and abilities in tasks such as installation, backup, recovery and managing security using SQL Server's tools. . .

Pre-requisites

An understanding of basic relational database concepts. Knowledge of basic Transact-SQL syntax (SELECT, UPDATE and INSERT statements). Familiarity with the role of the database administrator.

Chapter 1: Getting Started with MS SQL Server

- Edition of MS SQL Server 2005
- Hardware Requirement
- OS Requirement
- Addition Software Requirement
- Default Instance and Named Instance
- Licensing of MS SQL Server 2005
- Service in MS SQL Server
- Collation
- Consideration for Upgrade to MS SQL Server 2005
- Installation of MS SQL Server 2005
- Use SQLCMD

Chapter 2: Managing Database and File

- Planning Database
- database Files
- How data store in your database
- The work of Transaction log file

Chapter 7: Monitoring MS SQL Server 2005

- Activity Monitor
- Dynamic Management View
- MS SQL Server Profiler
- Performance Monitor

Chapter 8: Configure SQL Server System

- Using SQL Server Configuration Manager
- Adding SQL Server Configuration Manager to an MMC console
- Managing SQL Server services
- Connecting to a remote computer
- How to change connection Mode
- How to Change Login Mode
- Server Properties
- Configuring Database
- Security Configuration Properties
- View SQL Server Log
- Connection-Configuration Properties

- FileGroup
- Define Readonly FileGroup
- Creating Database by Script
- Create database by Management Studio

Chapter 3: Schema and Database Report

- What is Schema?
- Create and use of Schema
- Database Option categories
- View Server report in SQL Server Management Studio
- View Database report in SQL Server Management Studio
- Use System Store Procedure to view Server and Database Information

Chapter 4: Backup and Recovery

- -Backup Type
- -Perform Full Database Backup
- -Perform Transaction Log Backup
- -Perform Differential backup
- -Who Can Perform Backup Operator?
- -NOINIT and INT Option
- -Database Recovery Model
- -Create Backup Device
- -Restore Database from backup File
- -Restore Database from Backup device
- -Restore Database Using Script

Chapter 5: MS SQL Server Security

- Principle
- Level of Principle
- What is Securable?

Chapter 9: MS SQL Server Integration Services

- Create Integration Service Using Wizard
- Create Integration Service Using Tools
- Deploying an Integration Services Project

Chapter 10: DDL Trigger

- What is Trigger?
- Type of Trigger
- When to Use DDL Trigger
- Creating and alter DDL Trigger
- Preventing undesired Change
- Auditing Change
- Mange DDL Trigger
- Using eventdata Function
- Using DDL_Database_Level_Events

Chapter 11: Replication

- Introduction to Replication
- Server Role in Replication
- Publisher, Distributor and Subscriber
- Type of Replication
- Articles, Publications, Subscriptions
- Replication Scenarios
- Implementing Replication
- View your Script File of Creating the Replication
- Creating a Subscription
- Verify that data is replicated successfully

Chapter 12: Building Business Reports with Reporting Services

- Finding out what you can do with Reporting Services



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- database Scope
- MS SQL Server 2005 Permission
- MS SQL Server Authentication Mode
- Password Policy
- Manage MS SQL Server Login
- Fixed Server Roles
- Manage Database Users
- Special Users
- Database Roles
- Assign, Alter and remove user permission

Chapter 6: Maintenance Plane Wizard

- What is maintenance plane wizard?
- Create Maintenance Plane Wizard
- More Practice on Maintenance Plane Wizard

- Creating reports
- Viewing reports
- -Managing reports
- Distributing reports to others

Chapter 13: 9-Features in SQL Server 2005

- FOR XML Clause
- @@Identity
- Displaying and Analyzing the Estimated Execution Plan for a Query
- Mirrored Backup Media
- Detach and Reattach the Database in Transact-SQL
- Using Synonyms
- Database Mail
- Difference between Database Mail and SQLMail
- SQL Server 2005 Snapshots

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