

SQL Server 2000 System Administration ~ 5 Days

Course Description

This course provides delegates with the knowledge and skills required to install, configure, administer and troubleshoot Microsoft SQL Server 2000 client/server database management system.

Prerequisites

Delegates should be capable of supporting Microsoft Windows Core Technologies and have an understanding of basic relational database concepts and Knowledge of basic Transact-SQL syntax (SELECT, UPDATE, and INSERT statements). Familiarity with the role of the database administrator is desirable.

- **SQL Server Overview**
 - Overview Microsoft SQL Server
 - SQL Server architecture
 - SQL Server security
 - SQL Server databases
 - working with SQL Server.
- **Managing Database Files**
 - Introduction to databases
 - Creating databases
 - Modifying databases
 - Managing databases on multiple disks
 - Capacity planning
 - Performance considerations
- **Installing and Configuring SQL**
 - Server Hardware and software requirements
 - SQL Server installation options
 - Running the SQL Server setup program
 - Verifying the installation
 - Preparing to use SQL Server
 - Troubleshooting.
- **Backing Up Databases**
 - Preventing data loss
 - SQL Server backup
 - When to back up databases
 - Performing backups
 - Types of backup methods
 - Planning a backup strategy
 - Performance considerations
- **Managing Security**
 - Implementing an authentication mode
 - Assigning logins to users and roles
 - Assigning permissions to users and roles
 - Planning security
 - Managing application security.
- **Restoring Databases**
 - SQL Server recovery process
 - Preparing to restore a database
 - Restoring backups
 - Restoring databases from different backup types
 - Using a standby SQL Server
 - Restoring damaged system databases