SQL Server 2012, Part 2 of 9: Installing

Meet the expert: Don Kiely is a featured instructor on many of our SQL Server and Visual Studio courses. He is a nationally recognized author, instructor, and consultant specializing in Microsoft technologies. Don has many years of teaching experience, is the author or co-author of several programming books, and has spoken at many industry conferences and user groups. In addition, Don is a consultant for a variety of companies that develop distributed applications for public and private organizations.

Prerequisites: The users should have a working knowledge of the Microsoft OS and Server environment but does not require any prior experience with Microsoft SQL Server or with database programming.

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Course description: So your company has decided to purchase or upgrade to SQL Server 2012, so now what? This course will cover how to prepare for a SQL Server 2012 installation. It will help you to understand what is involved in upgrading an earlier version of SQL Server to SQL Server 2012. See how to install a default instance of SQL Server 2012 and find out how to configure the server after the installation.

Course outline:

Preparing for Installation
- Introduction
- Requirements
- Domain Controller
- Other Considerations
- Network Software Requirements
- Setting Up the Service Accounts
- Multiple Instances
- Multiple Instance Scenario
- Using Named Instances
- Instance Components
- Summary

Upgrading an Earlier Version
- Introduction
- Considerations
- Upgrade Advisor
- Demo: Upgrading
- Demo: Upgrade Advisor
- Demo: Resolving Problems
- Summary

SQL Server Installation
- Introduction
- SQL Server 2012 Installation
- Demo: Installing SQL Server
- Demo: Checking for Updates
- Demo: Setup Role
- Demo: Feature Selection
- Demo: Installation Rules
- Demo: Server Configuration
- Demo: Database Engine Config
- Demo: Error Reporting
- Demo: Installing
- Summary

Configuring the Server
- Introduction
- SQL Server Configuration
- Demo: Configuration Manager
- Demo: Server Configuration
- Demo: Server Properties
- Demo: General Settings
- Demo: Memory Page
- Demo: Server Processors
- Demo: Security
- Demo: Connections
- Demo: Database Settings
- Demo: Advanced Page
- Summary