



6235 Implementing and Maintaining Microsoft SQL Server 2008 Integration Services

Course Outlines

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Days of Training: 3

Overview

This three-day instructor-led course teaches students how to implement an Integration Services solution in an organization. The course discusses how to develop, deploy, and manage Integration Services packages.

Prerequisites

- Exposure to enterprise data import and export scenarios.
- Experience navigating the Microsoft Windows Server environment.
- Experience with Microsoft SQL Server.

At Course Completion

Upon successful completion of this course, students will be able to:

- Describe SQL Server Integration Services and its tools.
- Create an Integration Services package.
- Implement control flow in an Integration Services package.
- Implement data flow in an Integration Services package.
- Implement logging in an Integration Services package.
- Debug and implement error handling in an Integration Services package.
- Implement checkpoints and transactions in an Integration Services package.
- Deploy an Integration Services package.
- Manage and secure an Integration Services package.

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Lesson 1: Introduction to SQL Server 2008 Integration Services

Overview of SQL Server Integration Services
Using Integration Services Tools

Lesson 2: Developing Integration Services Solutions

Creating an Integration Services Solution
Using Variables
Building and Running a Solution

Lesson 3: Implementing Control Flow

Control Flow Tasks
Control Flow Precedent Constraints
Control Flow Containers

Lesson 4: Implementing Data Flow

Data Flow Sources and Destinations
Data Flow Transformations
Advanced Data Flow Transformations
Data Flow Paths

Lesson 5: Implementing Logging

Overview of Integration Services Logging
Enabling and Configuring Logging

Lesson 6: Debugging and Error Handling

Debugging a Package
Implementing Error Handling

Lesson 7: Implementing Checkpoints and Transactions

Implementing Checkpoints
Implementing Transactions

Lesson 8: Configuring and Deploying Packages

Package Configurations
Deploying Packages

Lesson 9: Managing and Securing Packages

Managing Packages
Securing Packages

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