

Implementing and Maintaining Microsoft SQL Server 2008 Reporting Services Course Summary

Description

This course teaches students how to implement a Reporting Services solution in an organization. The course discusses how to use the Reporting Services development tools to create reports, and how to use the Reporting Services management and administrative tools to manage a Reporting Services solution.

Objectives

At the end of this course, students will be able to:

- Describe SQL Server Reporting Services and its components.
- Create a Reporting Services report
- Enhance a Reporting Services report.
- Create and manipulate data sets.
- Use report models to implement reporting for business users.
- Configure report publishing and execution settings.
- Implement subscriptions for reports.
- Administer Reporting Services.
- Implement custom Reporting Services applications.

Topics

- Introduction to Microsoft SQL Server Reporting Services
- Authoring Basic Reports
- Enhancing Basic Reports
- Manipulating Data Sets
- Using Report Models
- Publishing and Executing Reports
- Using Subscriptions to Distribute Reports
- Administering Reporting Services
- Programming Reporting Services

Audience

This course is intended for information technology (IT) professionals and developers who need to implement reporting solutions by using Microsoft SQL Server 2008 Reporting Services.

Prerequisites

Before attending this course, students must have:

- Exposure to creating reports in Microsoft Access or other third-party reporting products, such as Crystal Reports.
- Conceptual understanding of the push and pull distribution/subscription paradigm.
- Experience navigating the Microsoft Windows Server environment.
- Experience with Windows services (starting and stopping)
- Experience creating service accounts and permissions
- Experience with Microsoft SQL Server, including:
 - SQL Server Agent.
 - SQL Server query language (SELECT, UPDATE, INSERT, and DELETE).
 - SQL Server System tables.
 - SQL Server accounts (users and permissions).

Duration

Three days

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Course Outline

- I. Introduction to Microsoft SQL Server Reporting Services**
 - A. Overview of SQL Server Reporting Services
 - B. Installing Reporting Services
 - C. Reporting Services Tools
- II. Authoring Basic Reports**
 - A. Creating a Basic Table Report
 - B. Formatting Report Pages
 - C. Calculating Values
- III. Enhancing Basic Reports**
 - A. Interactive Navigation
 - B. Displaying Data
- IV. Manipulating Data Sets**
 - A. Defining Report Data
 - B. Using Parameters and Filters
 - C. Using Parameter Lists
- V. Using Report Models**
 - A. Creating Report Models
 - B. Using Report Builder
- VI. Publishing and Executing Reports**
 - A. Publishing Reports
 - B. Executing Reports
 - C. Creating Cached Instances
 - D. Creating Snapshots and Report History
- VII. Using Subscriptions to Distribute Reports**
 - A. Introduction to Report Subscriptions
 - B. Creating Report Subscriptions
 - C. Managing Report Subscriptions
- VIII. Administering Reporting Services**
 - A. Reporting Server Administration
 - B. Performance and Reliability Monitoring
 - C. Administering Report Server Databases
 - D. Security Administration
 - E. Upgrading to Reporting Services 2008
 - F. Programming Reporting Services
 - G. Querying for Server Information Using a Web Service
 - H. Automating Report Management
 - I. Rendering Reports
 - J. Creating Custom Code