

6231 Maintaining a Microsoft SQL Server 2008 Database

Duration: 5 Days, Instructor-Led

Introduction

This five-day instructor-led course provides students with the knowledge and skills to maintain a Microsoft SQL Server 2008 database. The course focuses on teaching individuals how to use SQL Server 2008 product features and tools related to maintaining a database.

Audience

This course is intended for IT Professionals who administer and maintain SQL Server databases.

Prerequisites

Before attending this course, students must have:

- Basic knowledge of the Microsoft Windows operating system and its core functionality.
- Working knowledge of Transact-SQL.
- Working knowledge of Relational databases.
- Core Windows Server skills.
- Database design skills.

In addition, it is recommended, but not required, that students have completed:

Course 2778: Writing Queries Using Microsoft SQL Server 2008 Transact-SQL.



At Course Completion

After completing this course, students will be able to:

- Install and configure SQL Server 2008.
- Manage database files.
- Backup and restore databases.
- Manage security.
- Transfer data into and out of SQL Server.
- Automate administrative tasks.
- Replicate data between SQL Server instances.
- Maintain high availability.
- Monitor SQL Server.

6232 Implementing a Microsoft SQL Server 2008 Database

Duration: 5 Days, Instructor-Led

Introduction

This five-day instructor-led course provides students with the knowledge and skills to implement a Microsoft SQL Server 2008 database. The course focuses on teaching individuals how to use SQL Server 2008 product features and tools related to implementing a database.

Audience

This course is intended for IT Professionals who administer and maintain SQL Server databases.

Prerequisites

Before attending this course, students must have:

- Working knowledge of Transact-SQL.
- Working knowledge of Relational databases.
- Core Windows Server skills.
- Database design skills.

- SQL Server skills - ability to write Transact-SQL queries or completed Course 2778: Writing Queries Using Microsoft SQL Server 2008 Transact-SQL

At Course Completion

After completing this course, students will be able to:

- Create databases and database files.
- Create data types and tables.
- Use XML-related features in Microsoft SQL Server 2008.
- Plan, create, and optimize indexes.
- Implement data integrity in Microsoft SQL Server 2008 databases by using constraints.
- Implement data integrity in Microsoft SQL Server 2008 databases by using triggers.
- Implement views.
- Implement stored procedures.
- Implement functions.
- Implement managed code in the database.
- Manage transactions and locks.
- Use Service Broker to build a messaging-based solution.