

SQL Server: Maintenance Plans

Module 1: Introduction

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Introduction

- **SQL Server's low cost of ownership and ease of installation has made it a very popular platform for application data storage**
- **Deploying databases on SQL Server is commonly a set-it-and-forget-it installation until problems occur for small and medium businesses without a dedicated database administrator**
- **Regular maintenance tasks are necessary to avoid performance and availability problems from occurring for databases running on SQL Server**
- **Implementing and automating regular maintenance tasks can be done many different ways in SQL Server including the built-in Database Maintenance Plans feature**

Course Expectations

- The information in this course is designed to guide you in configuration considerations for implementing an automated method of performing common maintenance tasks in SQL Server
- This course will offer general guidance for required maintenance tasks, specific implementation details may vary based on the environment, service level agreements, and maintenance windows
- The course assumes SQL Server Standard edition for most concepts
 - Configuration options of SQL Server Web, Workgroup and Express Edition will be covered separately at the end of the course since these do not include SQL Server Agent for job scheduling
 - Note: SQL Server Agent is commonly referred to as 'SQL Agent' or 'Agent'

Course Structure

- **Module 2: Approaches to Database Maintenance**
- **Module 3: Configuring SQL Agent Settings**
- **Module 4: Common Maintenance Tasks**
- **Module 5: Other Tasks in Maintenance Plans**
- **Module 6: Creating Maintenance Plans**
- **Module 7: Maintenance Plan Challenges and Alternatives**