

SCAM.DE - SCHULUNGEN . TRAININGS . SEMINARE . COACHINGS

Microsoft New Features in Microsoft SQL Server 2012

Seminarziel

Delegates will learn what the new features of SQL Server 2012 are, and how these innovations will help them to do their daily work better, faster and more reliably. They will also learn new ways of scaling performance of SQL Server and its components. Upon successful completion of this course, students will be able to:

- Use the new performance features like columnstore indexes
- Use semantic full-text search capabilities
- Use sequences the same way as in Oracle
- Implement analytical functions and their windowing extensions
- Use the new administration tools
- Implement the new security features such as contained databases
- Implement improved AlwaysOn high-availability features
- Describe the new features in SQL Server Business Intelligence components
- Describe the new tools and services of SQL Server

Seminarinhalt

New Performance Features

Columnstore indexes . Batch processing mode . Indirect checkpoint . FileTable tables . Semantic full-text search . Other changes in the full-text . Improvements to partitioning . Improvements in SQLOS .

New T-SQL Features

Sequences . Paging records - OFFSET AND FETCH . FORMAT function and TRY_CONVERT . New analytical features and enhancements in OVER clause () . WITH RESULT SETS . THROW statement in error handling . Integration with .NET 4.0 . Other improvements .

New Administration Features

New editions of SQL Server . Improvements in Management Studio . Distributed Replay Utility . New and modified DMVs . Changes in the installation of SQL Server . Changes in other SQL Server tools .

New Security Features

Contained databases . User-defined server roles . Audit for all editions and its customization . New hash algorithms . Removed support for HTTP / SOAP endpoints . Other changes in security .

New High-Availability Features

AlwaysOn and Availability Groups . Mirroring to four replicas/mirrors . Coordinated failover . Geo-clustering . Quick application failover through AG listeners . Other improvements .

New Features in Business Intelligence

New features in Analysis Services (tabular model, PowerPivot, DAX, ...) . New features in Reporting Services (Power View, Data Alerts, ...) . New features in Integration Services (new transformations, analyses, usability ...) . Data Quality Services .

Zielgruppe

Experienced database administrators and developers who plan to upgrade to SQL Server 2012, or are just interested into the new features and need to evaluate first the benefits of upgrading to the newest version.

Voraussetzungen

Good knowledge of SQL Server 2008 or 2005 administration or development.

Preis auf Anfrage

SeminarNr: nfsqls12



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