

Kurs-Dokumentation



Zentrum für Informatik ZFI AG

Maintaining a Microsoft SQL Server 2012

Database (S1MA-0412) -IT Ausbildung nach Mass

<http://www.zfi.ch/S1MA-0412>

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**Zentrum für Informatik ZFI AG
Zentralsekretariat
Technoparkstrasse 1
CH-8005 Zürich
Telefon: 044 732 40 00
Telefax: 044 732 40 09**

Zürich, Basel, Bern, Zürich, Schweiz

Titel	Maintaining a Microsoft SQL Server 2012 Database
Untertitel	
Einleitung	dieser Kurs ist in Vorbereitung.
Ihr Nutzen	
Voraussetzungen	
Teilnehmerkreis	
Unterlagen	
Folgekurse	
Inhalt	<ul style="list-style-type: none">- Introduction to SQL Server 2012 and its Toolset- Introduction to the SQL Server Platform - Working with SQL Server Tools - Configuring SQL Server Services - Preparing Systems for SQL Server 2012- Overview of SQL Server Architecture - Planning Server Resource Requirements - Pre-installation Testing for SQL Server - Installing and Configuring SQL Server 2012- Preparing to Install SQL Server - Installing SQL Server - Upgrading and Automation Installation - Working with Database- Overview of SQL Server Databases - Working with Files and Filegroups - Moving Database Files - Understanding SQL Server 2012 Recovery Models- Backup Strategies - Understanding SQL Server Transaction Logging - Planning a SQL Server Backup Strategy - Backup of SQL Server 2012 Database- Backing up Database and Transaction Logs - Managing Database Backups

- Working with Backup Options

- Restoring SQL Server 2012 Database- Understanding the Restore Process

- Restoring Databases

- Working with Point-in-time recovery

- Restoring System Databases and Individual Files

- Importing and Exporting Data- Transferring Data to/from SQL Server

- Importing and Exporting Table Data

- Inserting Data in Bulk

- Authenticating and Authorizing Users- Authenticating Connections to SQL Server

- Authorizing Logins to Access Databases

- Authorizing Across Servers

- Assigning Server and Database Roles- Working with Server Roles

- Working with Fixed Database Roles

- Creating User-defined Database Roles

- Authorizing Users to Access Resources- Authorizing Users Access to Objects

- Authorizing Users to Execute Code

- Configuring Permissions at the Schema Level

- Auditing SQL Server Environments- Options for Auditing Data Access in SQL

- Implementing SQL Server Audit

- Managing SQL Server Audit

- Automating SQL Server 2012 Management- Automating SQL Server Management
- Working with SQL Server Agent
- Managing SQL Server Agent Jobs
- Configuring Security for SQL Server Agent- Understanding SQL Server Agent Security
- Configuring Credentials
- Configuring Proxy Accounts
- Monitoring SQL Server 2012 with Alerts and Notifications- Configuration of Database Mail
- Monitoring SQL Server Errors
- Configuring Operators, Alerts and Notifications
- Performing Ongoing Database Maintenance- Ensuring Database Integrity
- Maintaining Indexes
- Automating Routine Database Maintenance
- Tracing Access to SQL Server 2012- Capturing Activity using SQL Server Profiler
- Improving Performance with the Database Engine Tuning Advisor
- Working with Tracing Options
- Monitoring SQL Server 2012- Monitoring Activity
- Capturing and Managing Performance Data
- Analyzing Collected Performance Data
- Managing Multiple Servers- Working with Multiple Servers
- Virtualizing SQL Server

- Deploying and Upgrading Data-Tier Applications
- Troubleshooting Common SQL Server 2012 Administrative Issues- SQL Server Troubleshooting Methodology
- Resolving Service-related Issues
- Resolving Concurrency Issues
- Resolving Login and Connectivity Issues

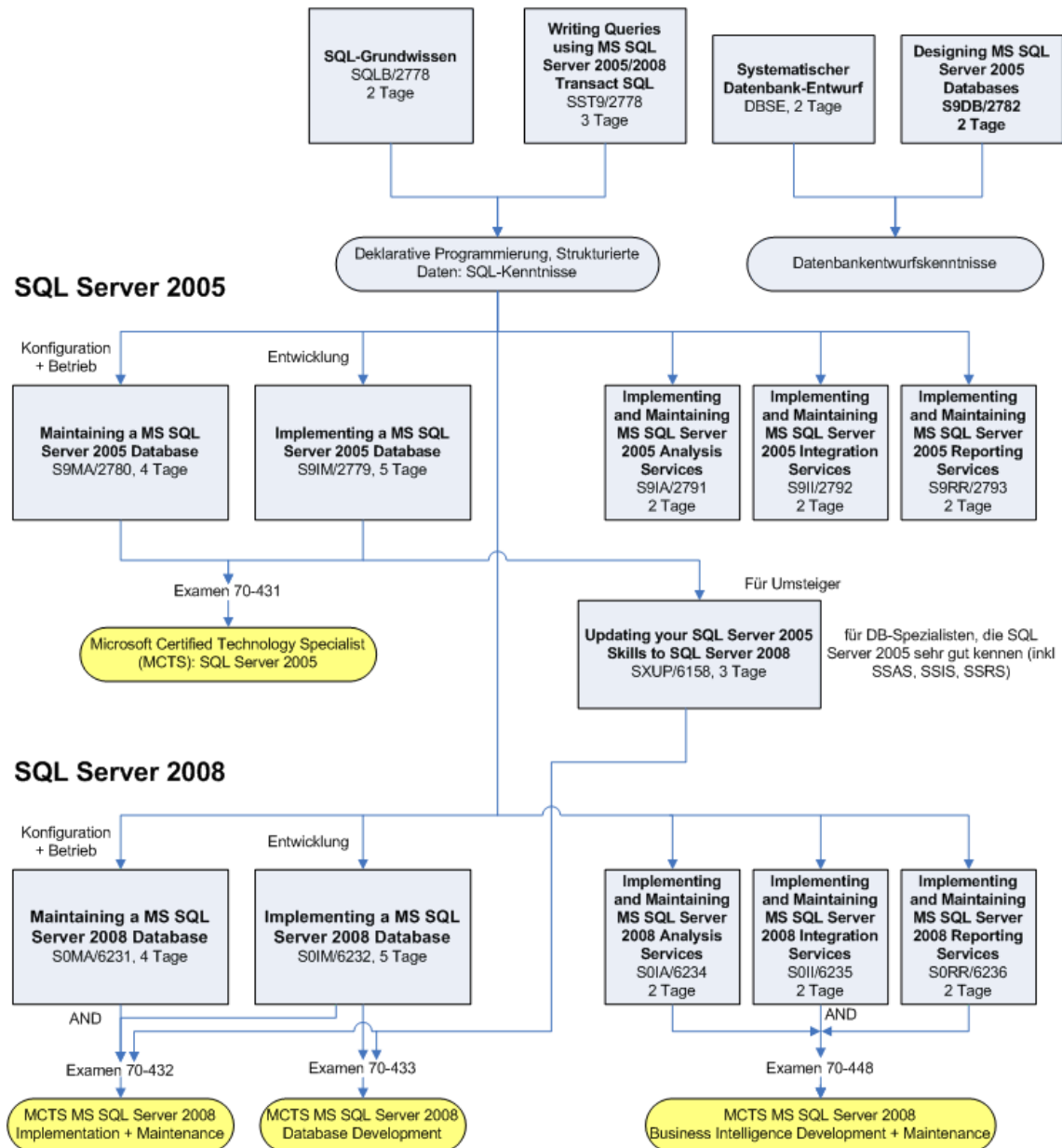
Beitrag

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Bildungsweg Microsoft SQL Server



Datenbanken und SQL-Server Grundlagen und Technologie



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