

## COURSE: What's new in SQL Server 2017?

### Summary

Duration:	3 days/ 24 hours
Level:	300*
Delivery method:	In class
Language:	Bulgarian
Price:	450 Euro exc VAT

*\* The difficulty level is consistent with the widely accepted scale of technical difficulty of training on Microsoft Corp*

### AUDIENCE:

- DBAs and DBDevs, SQL Server professionals interested in updating their skills to the new product version.

### Course Description:

- SQL Server 2017 is major release which comes with lots of new features, enhancements, and performance improvements. It brings several exciting features for database administrators and developers and BI specialists. The most debated new feature in SQL Server 2017 is its support for Linux based operating systems. This one and several more are covered in the class, with demos and practical exercises.

### TOPICS:

#### Module 1: SQL Server 2017 Overview

- SQL Server 2017 version specific overview
- SQL Server New Tools and SSMS updates

#### Module 2: SQL Server on Linux

- Overview
- Installation
- Management and administration

#### Module 3: Adaptive QP and Automatic Database Tuning

- Adaptive QP
- Automatic DB Tuning
- DTA Improvements

#### Module 3: DBAs new features

- Resumable Online Index Rebuild
- Cluster less Availability Groups and AG Improvements
- New useful Functions and DMVs

#### Module 4: DEVs new features

- Functions – CONCAT\_WS, TRANSLATE, TRIM, STRING\_AGG
- IDENTITY\_CACHE
- Graph Database Capabilities
- CLR updates

#### Module 5: New Features to SQL Server BI Services

- SSIS, SSAS, SSRS, Advanced Analytics and ML new features