



## COURSE: Virtualizing SQL Server(s)

The class guides the audience through all the necessary steps and considerations to successfully virtualize SQL Server instances.

No matter how critical the database is or how complex your database environment is, the virtualization is a way to optimize your infrastructure costs and to stay flexible. The flexibility and effectiveness are the great

benefits of virtualization. But to achieve the goals you don't need to compromise performance or availability. You need to do it right! This is all about the class is.

### Summary

<i>Duration:</i>	<i>3 days/ 24 hours</i>
<i>Level:</i>	<i>300*</i>
<i>Delivery method:</i>	<i>In class</i>
<i>Language:</i>	<i>Bulgarian/English</i>

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

### AUDIENCE:

- Solution architects
- System administrators and database administrators

### AFTER THE TRAINING ATTENDEES WILL BE ABLE TO:

- Have a comprehensive roadmap for virtualizing their database environments
- Understand the concepts of virtualization
- Have understanding how to design storage for virtual SQL Servers
- Have understanding how to design memory and network for virtual SQL Servers
- Know how to configure SQL Server in virtual environment
- Baseline, test and troubleshoot virtual SQL Server Instances

### TOPICS:

**Module 1.** Introduction to virtualization

**Module 2.** Architectural consideration for virtualizing SQL Server

**Module 3.** Architecting for performance: Storage

**Module 4.** Architecting for performance: Memory

**Module 5.** Architecting for performance: Network

**Module 6.** Architecting for Availability

**Module 7.** Configuring and running performance tests