

Training: Microsoft
MS-20410 Installing and Configuring Windows Server 2012



FORM OF TRAINING	MATERIALS	PRICE	DURATION
Traditional	Digital materials	950 EUR	5 days
Traditional	CTAB Tablet	1050 EUR	5 days

LOCATIONS

Krakow - 5 Tatarska Street, II floor, hours: 9:00 am - 4:00 pm

Warsaw - 17 Bielska Street, hours: 9:00 am - 4:00 pm

TRAINING GOALS:

Get hands-on instruction and practice installing and configuring **Windows Server 2012**, including **Windows Server 2012 R2**, in this five-day Microsoft Official Course. This course is part one in a series of three courses that provides the skills and knowledge necessary to implement a core Windows Server 2012 infrastructure in an existing enterprise environment.

The three courses collectively cover implementing, managing, maintaining and provisioning services and infrastructure in a Windows Server 2012 environment. Although there is some cross-over of skills and tasks across these courses, this course focuses on the initial implementation and configuration of core services, such as Networking, Storage, Active Directory Domain Services (AD DS), Group Policy, File and Print Services, and Hyper-V.

CONSPECT:

- Module 1: Deploying and Managing Windows Server 2012
 - Windows Server 2012 R2 Overview
 - Installing Windows Server 2012 R2
 - Post-Installation Configuration of Windows Server 2012 R2
 - Overview of Windows Server 2012 R2 Management
 - Introduction to Windows PowerShell
- Module 2: Introduction to Active Directory Domain Services
 - Overview of AD DS
 - Overview of Domain Controllers
 - Installing a Domain Controller
- Module 3: Managing Active Directory Domain Services Objects

- Managing User Accounts
- Managing Groups
- Managing Computer Accounts
- Delegating Administration
- Module 4: Automating Active Directory Domain Services Administration
 - Using Command-line Tools for AD DS Administration
 - Using Windows PowerShell for AD DS Administration
 - Performing Bulk Operations with Windows PowerShell
- Module 5: Implementing IPv4
 - Overview of TCP/IP
 - Understanding IPv4 Addressing
 - Subnetting and Supernetting
 - Configuring and Troubleshooting IPv4
- Module 6: Implementing Dynamic Host Configuration Protocol
 - Installing a DHCP Server Role
 - Configuring DHCP Scopes
 - Managing a DHCP Database
 - Securing and Monitoring DHCP
- Module 7: Implementing DNS
 - Name Resolution for Windows Clients and Servers
 - Installing a DNS Server
 - Managing DNS Zones
- Module 8: Implementing IPv6
 - Overview of IPv6
 - IPv6 Addressing
 - Coexistence with IPv4
 - IPv6 Transition Technologies
- Module 9: Implementing Local Storage
 - Overview of Storage
 - Managing Disks and Volumes
 - Implementing Storage Spaces
- Module 10: Implementing File and Print Services
 - Securing Files and Folders
 - Protecting Shared Files and Folders by Using Shadow Copies
 - Configuring Work Folders
 - Configuring Network Printing

- Module 11: Implementing Group Policy
 - Overview of Group Policy
 - Group Policy Processing
 - Implementing a Central Store for Administrative Templates
- Module 12: Securing Windows Servers Using Group Policy Objects
 - Windows Operating Systems Security Overview
 - Configuring Security Settings
 - Restricting Software
 - Configuring Windows Firewall with Advanced Security
- Module 13: Implementing Server Virtualization with Hyper-V
 - Overview of Virtualization Technologies
 - Implementing Hyper-V
 - Managing Virtual Machine Storage
 - Managing Virtual Networks

REQUIREMENTS:

Before attending this course, students must have:

- An understanding of networking fundamentals.
- An understanding of basic Active Directory concepts.
- An awareness and understanding of security best practices.
- Basic knowledge of server hardware.
- Experience working with and configuring Windows client operating systems, such as Windows 7 or Windows 8.

All of the above pre-requisites can be met by having knowledge equivalent to, or by attendance at, course "**MS-10967 Fundamentals of a Windows Server Infrastructure**" as this course will build upon knowledge and skills covered in that course.

Difficulty level



CERTIFICATE:

The participants will obtain Microsoft certificates.

TRAINER:

Microsoft Certified Trainer.