

Training: Microsoft
MS-20412 Configuring Advanced Windows Server 2012 Services



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 configuring advanced **Windows Server 2012**, including **Windows Server 2012 R2**, services in this five-day Microsoft Official Course. This course is part three 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 advanced configuration of services necessary to deploy, manage and maintain a Windows Server 2012 infrastructure, such as advanced networking services, Active Directory Domain Services (AD DS), Active Directory Rights Management Services (AD RMS), Active Directory Federation Services (AD FS), Network Load Balancing, Failover Clustering, business continuity and disaster recovery services as well as access and information provisioning and protection technologies such as Dynamic Access Control (DAC), and Web Application Proxy integration with AD FS and Workplace Join.

CONSPECT:

- Module 1: Implementing Advanced Network Services
 - Configuring Advanced DHCP Features
 - Configuring Advanced DNS Settings
 - Implementing IPAM
 - Managing IP Address Spaces with IPAM
- Module 2: Implementing Advanced File Services
 - Configuring iSCSI Storage
 - Configuring BranchCache

- Optimizing Storage Usage
- Module 3: Implementing Dynamic Access Control
 - Overview of DAC
 - Implementing DAC Components
 - Implementing DAC for Access Control
 - Implementing Access Denied Assistance
 - Implementing and Managing Work Folders
- Module 4: Implementing Distributed AD DS Deployments
 - Overview of Distributed AD DS Deployments
 - Deploying a Distributed AD DS Environment
 - Configuring AD DS Trusts
- Module 5: Implementing AD DS Sites and Replication
 - AD DS Replication Overview
 - Configuring AD DS Sites
 - Configuring and Monitoring AD DS Replication
- Module 6: Implementing Active Directory Certificate Services
 - Using Certificates in a Business Environment
 - PKI Overview
 - Deploying CAs
 - Deploying and Managing Certificate Templates
 - Implementing Certificate Distribution and Revocation
 - Managing Certificate Recovery
- Module 7: Implementing Active Directory Rights Management Services
 - AD RMS Overview
 - Deploying and Managing an AD RMS Infrastructure
 - Configuring AD RMS Content Protection
 - Configuring External Access to AD RMS
- Module 8: Implementing Active Directory Federation Services
 - Overview of AD FS
 - Deploying AD FS
 - Implementing AD FS for a Single Organization
 - Deploying AD FS in a Business-to-Business Federation Scenario
 - Extending AD FS to External Clients
- Module 9: Implementing Network Load Balancing
 - Overview of NLB
 - Configuring an NLB Cluster

- Planning an NLB Implementation
- Module 10: Implementing Failover Clustering
 - Failover Clustering Overview
 - Implementing a Failover Cluster
 - Configuring Highly Available Applications and Services on a Failover Cluster
 - Maintaining a Failover Cluster
 - Implementing a Multi-Site Failover Cluster
- Module 11: Implementing Failover Clustering with Hyper-V
 - Overview of Integrating Hyper-V with Failover Clustering
 - Implementing Hyper-V Virtual Machines on Failover Clusters
 - Implementing Hyper-V Virtual Machine Movement
 - Managing Hyper-V Virtual Environments by Using VMM
- Module 12: Implementing Business Continuity and Disaster Recovery
 - Data Protection Overview
 - Implementing Windows Server Backup
 - Implementing Server and Data Recovery

REQUIREMENTS:

Before attending this course, students must have:

- Experience working with **Windows Server 2008** or **Windows Server 2012** servers day to day in an Enterprise environment.

Difficulty level



CERTIFICATE:

The participants will obtain Microsoft certificates.

TRAINER:

Microsoft Certified Trainer.