

Training: Microsoft  
MS-20689 Upgrading Your Skills to MCSA Windows 8.1



FORM OF TRAINING	MATERIALS	PRICE	DURATION
Traditional	Digital materials	750 EUR	3 days
Traditional	CTAB Tablet	850 EUR	3 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:

This three day course is designed for IT Professionals who want to upgrade their technical skills from Windows 7 to Windows 8. The course focuses on the new features and functionality in Windows 8 and related tools and cloud services that pertain to:

- Installation and activation
- Upgrades and migration
- Local and remote administration including Group Policy, Windows Intune and Windows PowerShell
- Application solutions and compatibility
- Internet Explorer
- Remote access, VPN, and DirectAccess client configuration
- Storage
- Security
- Troubleshooting and recovery
- Client Hyper-V
- Online services.

This course also serves as preparation for Exam 70-689: Upgrading Your Skills to MCSA Windows 8.

## CONSPECT:

- Module 1: Installing Windows 8
  - Introducing Windows 8
  - Preparing to Install Windows 8

- Installing Windows 8
- Activating Windows 8
- Module 2: Upgrading and Migrating to Windows 8
  - Upgrading to Windows 8
  - Migrating to Windows 8
  - Migrating User Data and Settings
- Module 3: Administering Windows 8
  - Performing the Local and the Remote Management of Windows 8
  - Implementing Group Policies
  - Administering Windows 8 with Windows Intune
  - Introduction to Windows PowerShell 3.0
  - Windows PowerShell Remoting
- Module 4: Implementing an Application Strategy for Windows 8
  - Application Deployment Options in Windows 8
  - Mitigating Application Compatibility Issues
- Module 5: Configuring Applications
  - Install and Configure Applications
  - Managing Apps from the Windows Store
  - Configuring Settings in Internet Explorer
  - Configuring Application Restrictions in the Enterprise
- Module 6: Configuring Remote Access
  - Configuring VPN Access
  - Overview of DirectAccess
- Module 7: Implementing Storage in Windows 8
  - Understanding Storage Concepts in Windows 8
  - Implementing BitLocker
  - File Caching
  - Overview of SkyDrive
- Module 8: Protecting and Recovering Windows 8
  - Configuring Host-Based Virus and Malware Protection
  - Backing Up and Restoring Files in Windows 8
  - Recovery Options in Windows 8
- Module 9: Implementing Client Hyper-V
  - Overview of Client Hyper-V
  - Creating Virtual Machines
  - Managing Virtual Hard Disks

- Managing Snapshots
- Module 10: Implementing the Online Features of Windows 8

## REQUIREMENTS:

Before attending this course, students must have:

- Technical knowledge of networking fundamentals, including TCP/IP, User Datagram Protocol (UDP), and Domain Name System (DNS)
- Familiarity with Microsoft Active Directory Domain Services (AD DS) principles and fundamentals of AD DS management
- Understanding of the Public Key Infrastructure (PKI) components and working knowledge of the fundamentals of Active Directory Certificate Services (AD CS)
- Knowledge of Microsoft Windows Server 2008 or Windows Server 2008 R2 fundamentals
- Knowledge of Microsoft Windows Client fundamentals; for example, working knowledge of Windows XP, Windows Vista, and/or Windows 7
- Understanding of the fundamentals of management and experience using the Microsoft Office 2010 system or the Microsoft Office 2007 system
- Knowledge of Windows Automated Installation Kit (WAIK) components including Windows PE, Windows System Image Manager (SIM), Volume Activation Management Tool (VAMT), ImageX, User State Migration Tool (USMT), and Deployment Image Servicing and Management (DISM) concepts and fundamentals

## Difficulty level



## CERTIFICATE:

The participants will obtain Microsoft certificates.

## TRAINER:

Microsoft Certified Trainer.