

Training: Microsoft  
MS-20687 Configuring Windows 8.1

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 expert instruction and hands-on practice administering and **configuring Windows 8.1** in this 5-day Microsoft Official Course. This course is designed for experienced IT professionals who have knowledge and experience administering Windows PCs and devices in a domain environment with managed access to the Internet. You will learn the skills you need to administer Windows 8.1 in a Windows Server domain environment and also provide secure, managed access to users from their non-domain joined Windows devices. You will learn how to install and customize Windows 8.1 operating systems and apps, integrate and control access to domains and cloud services, and migrate and synchronize settings across multiple devices. In addition, you will learn how to implement mobile security and customize configurations using Windows management tools including Group Policy and Windows PowerShell. You will also learn how to configure user settings and profiles, local and remote network connectivity, Client Hyper-V, virtual apps, and Internet Explorer 11. Finally, you will learn how to optimize security and provide controlled access from Windows 8.1 PCs and devices to specified resources through Workplace Join services and Work Folders.

## CONSPECT:

- Module 1: Windows 8.1 in an Enterprise Network Environment
  - Managing Windows 8.1 in an Enterprise Environment
  - Overview of Windows 8.1
  - After completing this module, students will be able to:
  - Manage Windows 8.1 in an enterprise environment.
  - Describe Windows 8.1.
- Module 2: Installing and Deploying Windows 8.1
  - Preparing to Install and Deploy Windows 8.1
  - Installing Windows 8.1

- Customizing and Preparing an Image for Deployment
- Volume Activation for Windows 8.1
- Module 3: Managing Profiles and User State in Windows 8.1
  - Managing User Accounts and Profiles
  - Configuring User State Virtualization
  - Migrating User State and Settings
- Module 4: Tools Used for Configuring and Managing Windows 8.1
  - Tools Used to Perform Local and Remote Management of Windows 8.1
  - Using Windows PowerShell to Configure and Manage Windows 8.1
  - Using Group Policy for Management
- Module 5: Managing Disks and Device Drivers
  - Managing Disks, Partitions, and Volumes
  - Maintaining Disks, Partitions, and Volumes
  - Working with Virtual Hard Disks
  - Installing and Configuring Device Drivers
- Module 6: Configuring Network Connectivity
  - Configuring IPv4 Network Connectivity
  - Configuring IPv6 Network Connectivity
  - Implementing Automatic IP Address Allocation
  - Implementing Name Resolution
  - Implementing Wireless Network Connectivity
- Module 7: Configuring Resource Access for Domain-Joined and Non-Domain Joined Devices
  - Configuring Domain Access for Windows 8.1 Devices
  - Managing Non-Domain Devices
  - Configuring Workplace Join
  - Configuring Work Folders
- Module 8: Implementing Network Security
  - Overview of Threats to Network Security
  - Configuring Windows Firewall
  - Securing Network Traffic
  - Guarding Against Malware
- Module 9: Configuring File, Folder, and Printer Access
  - Managing File and Folder Access
  - Managing Shared Folder Access
  - Configuring File and Folder Compression

- Overview of SkyDrive
- Managing Printers
- Module 10: Securing Windows 8.1 Devices
  - Authentication and Authorization in Windows 8.1
  - Implementing Local Policies
  - Securing Data with EFS and BitLocker
  - Configuring User Account Control
- Module 11: Configuring Applications for Windows 8.1
  - Application Deployment Options in Windows 8.1
  - Managing Windows Store Apps
  - Configuring Internet Explorer Settings
  - Configuring Application Restrictions in the Enterprise
- Module 12: Optimizing and Maintaining Windows 8.1 Computers
  - Optimizing the Performance of Windows 8.1
  - Managing the Reliability of Windows 8.1
  - Managing Software Updates in Windows 8.1
- Module 13: Configuring Mobile Computing and Remote Access
  - Configuring Mobile Computers and Device Settings
  - Overview of DirectAccess
  - Configuring VPN Access
  - Configuring Remote Desktop and Remote Assistance
- Module 14: Recovering Windows 8.1
  - Backing Up and Restoring Files in Windows 8.1
  - Recovery Options in Windows 8.1
- Module 15: Configuring Client Hyper-V
  - Overview of Client Hyper-V
  - Creating Virtual Machines
  - Managing Virtual Hard Disks
  - Managing Checkpoints

## REQUIREMENTS:

Before attending this course, students must have:

- At least two years of experience in the IT field
- Knowledge of networking fundamentals, including Transmission Control Protocol /Internet Protocol (TCP/IP), User Datagram Protocol (UDP), and Domain Name System (DNS)

- Knowledge of Microsoft Active Directory Domain Services (AD DS) principles and fundamentals of AD DS management
- Understanding of the certificate security and working knowledge of the fundamentals of Active Directory Certificate Services (AD CS)
- Understanding of Windows Server 2008 R2 or Windows Server 2012 fundamentals
- Understanding of Microsoft Windows Client essentials; for example, working knowledge of Windows XP, Windows Vista, Windows 7 and/or Windows 8
- Basic understanding of Windows PowerShell syntax
- Basic awareness of Windows deployment tools (Windows ADK components: Windows PE, Windows SIM, VAMT, ImageX, USMT, and DISM concepts and fundamentals) but no actual prerequisite skills with the specific tools are assumed

## Difficulty level



## CERTIFICATE:

The participants will obtain Microsoft certificates.

## TRAINER:

Microsoft Certified Trainer.