

# Installing and Configuring Windows 10 , On Demand 20697-1

## Installing and Configuring Windows 10 , On Demand 20697-1



Seminar



Zurzeit keine Termine



Teilnahmebescheinigung



E-Learning



40 Unterrichtseinheiten

Seminarnummer: 29411 | Herstellernummer: OD20697-1

Stand: 28.04.2024. Alle aktuellen Informationen finden Sie unter <https://akademie.tuv.com/s/29411>

This course is designed to provide students with the knowledge and skills required to install and configure Windows 10 desktops and devices in a Windows Server domain corporate environment.

Details zu MOC On Demand Trainings finden Sie unter den Hinweisen weiter unten.

## Nutzen

In dieser MOC on Demand Version ist eine original MOC Unterlage in digitaler Form enthalten.

After completing this course, students will be able to:

- Describe the important new features of Windows 10.
- Install Windows 10.
- Configure a device running Windows 10.
- Configure network connectivity for a Windows 10 device.
- Manage storage in Windows 10.
- Manage files and printers.
- Manage apps.
- Manage data security.
- Manage device security.
- Implement Windows 10 features to improve network security.
- Monitor and update Windows 10 devices.
- Restore files, roll back drivers, and recover Windows 10 devices.

# Zielgruppe

This course is intended for IT professionals who administer and support Windows 10 desktops, devices, users, and associated network and security resources. Students who seek certification in the 70-697 Windows 10 Configuring exam will also benefit from this course. This course is also intended to provide skills for Enterprise Desktop/Device Support Technicians (EDSTs) who provide Tier 2 support to users who run Windows 10 desktops and devices within a Windows domain environment in medium to large enterprise organizations.

## Voraussetzungen

Before attending this course, students must have:

- Knowledge of networking fundamentals, including TCP/IP, User Datagram Protocol (UDP), and DNS.
- Knowledge of Active Directory Domain Services (AD DS) principles, and fundamentals of AD DS management.
- Understanding of certificate-based security.
- Understanding of Windows Server 2008 or Windows Server 2012 fundamentals.
- Understanding of Windows client operating system essentials, such as a working knowledge of Windows Vista, Windows 7, or Windows 8.

## Inhalte des Seminars

### Module 1:

Overview of Windows 10 This module introduces the Windows 10 operating system. It describes the new features in Windows 10, and the important changes since Windows 8.1. It describes the use, navigation, and customization of the new, enhanced user interface. This module also mentions the features of Windows 10 that make it beneficial for organizations of different sizes.

#### Lessons

- Introducing Windows 10
- Navigating the User Interface

Lab : Navigating and Customizing the User Interface

### Module 2:

Installing Windows 10 This module introduces the different editions of Windows 10, and the differences between them. It describes the requirements and available options for installing Windows 10 on a device. It also provides instructions on installing Windows 10 and upgrading to it. This module discusses points to consider when deciding between an upgrade or migration to Windows 10, and the supported upgrade paths from older versions of the Windows operating system.

Lessons:

- Installing Windows 10
- Upgrading to Windows 10

Lab : Installing Windows 10

Module 3:

**Configuring Your Device** This module explains how to configure Windows 10 by using tools such as the Settings app, Control Panel, Windows PowerShell, Remote Server Administration Tools (RSAT) and Group Policy Objects (GPOs). It describes the different types of user accounts, and the benefits of using a Microsoft account. This module also describes Microsoft OneDrive, and how it integrates with Windows 10.

Lessons

- Overview of Tools You Can Use to Configure Windows 10
- Common Configuration Options
- Managing User Accounts
- Using OneDrive

Lab : Configuring Windows 10

Lab : Synchronizing Settings with OneDrive

Module 4:

**Configuring Network Connectivity** This module explains the use of tools such as the Settings app, Network and Sharing Center, and Windows PowerShell to configure network settings. It describes the differences between IPv4 and IPv6 settings, and the benefits of IPv6. It also describes name resolution and provides an overview of the Domain Name System (DNS) service. This module describes the configuration of wireless connectivity in Windows 10, and explains remote access methods available in Windows 10, such as Virtual Private Networks (VPNs), DirectAccess, and Remote Desktop.

Lessons:

- Configuring IP Network Connectivity
- Implementing Name Resolution
- Implementing Wireless Network Connectivity
- Overview of Remote Access

Lab : Configuring Network Connectivity

Module 5:

**Managing Storage** This module provides an overview of storage options, including hard disks, server-based storage, and virtual hard disks. It describes network storage options, including network-attached storage (NAS) and storage area networks (SANs), and cloud-based storage options, such as OneDrive and Microsoft Azure Storage. Additionally, module 5 describes the management and maintenance of disks, partitions, and volumes, and the configuration and use of the Storage Spaces feature.

Lessons

- Overview of Storage Options
- Managing Disks, Partitions, and Volumes
- Maintaining Disks and Volumes
- Managing Storage Spaces

Lab : Managing Storage

Module 6:

**Managing Files and Printers** This module provides an overview of the file systems supported by Windows 10. It explains how to configure file permissions, the effect of file permissions, how explicit and inherited permissions work, and how to include user and device claims in access permissions. This module also explains how to share folders, the tools to use for sharing a folder, and the effective permissions when a user tries to a

## Wichtige Hinweise

MOC On Demand Trainings sind original Microsoft Trainings, in denen Sie zeit- und ortsungebunden lernen können. Diese Trainings enthalten:

- Zugang zum offiziellen Microsoft Video on Demand Kurs für 90 Tage ab dem ersten Zugriff.
- Einen Lab-Online-Zugang für praktische Übungen, der ab Kauf 6 Monate gültig ist.
- Eine originale MOC Schulungsunterlage in digitaler Form, wie sie auch in den Live-Trainings eingesetzt wird.

Weitere Details entnehmen Sie unserer MOC On Demand Landingpage unter [www.tuv.com/Microsoft](http://www.tuv.com/Microsoft)

## Terminübersicht und Buchung

Buchen Sie Ihren Wunschtermin jetzt direkt online unter <https://akademie.tuv.com/s/29411> und profitieren Sie von diesen Vorteilen:

- Schneller Buchungsvorgang
- Persönliches Kundenkonto
- Gleichzeitige Buchung für mehrere Teilnehmer:innen

Alternativ können Sie das Bestellformular verwenden, um via Fax oder E-Mail zu bestellen.