

Installation and Configuration Windows 10 (MOC20698)

Installation and Configuration Windows 10 (MOC20698)



Seminar



Zurzeit keine Termine



Teilnahmebescheinigung



Präsenz



40 Unterrichtseinheiten

Seminarnummer: 29457 | Herstellernummer: MOC20698

Stand: 29.04.2024. Alle aktuellen Informationen finden Sie unter <https://akademie.tuv.com/s/29457>

This five-day instructor-led course provides IT professionals with the knowledge and skills required to install and configure Windows 10 desktops in a Windows Server small to medium-sized AD DS domain environment. Wegen inhaltlichen Gemeinsamkeiten zum MOC20697- 1 lesen Sie bitte den Hinweis unten in dieser Beschreibung.

Nutzen

After completing this course, students will be able to:

- Plan, install, and upgrade to Windows 10.
- Perform post-installation configuration.
- Implement networking.
- Implement network security.
- Manage Windows 10 with Group Policy.
- Implement remote management.
- Manage local storage.
- Manage files and resources.
- Install and manage apps.
- Secure Windows 10.
- Implement remote connectivity.
- Maintain and update Windows 10.
- Recover and troubleshoot Windows 10.

Dieses Seminar bereitet auch auf die Windows 10 MCSA Prüfung 70-698 vor.

Zielgruppe

This course is intended for IT professionals who administer and support Windows 10 desktops and devices in small to medium-sized networks.

The networks with which these professionals typically work are configured as AD DS domain-based environments with managed access to the Internet and cloud services.

Voraussetzungen

Before attending this course, students must have:

- Experience deploying and configuring Windows 8, Windows 8.1, or Windows 10.
- Windows Client essentials, such as a working knowledge of Windows 8.1, Windows 8, or Windows 7.
- These additional skills will help the students:
 - deploying and configuring Windows Server 2012 or Windows Server 2016 Active Directory Domain Services (AD DS).
 - deploying and configuring network services, including DNS, in Windows Server 2012 or Windows Server 2016.

Inhalte des Seminars

Module 1: Installing Windows 10 This module describes the features of Windows 10 and the process for installing and deploying it. The module also describes how to upgrade to Windows 10, perform post-installation maintenance tasks, and manage volume activation. Lessons

- Overview of Windows 10
- Planning your Windows 10 deployment
- Installing and deploying Windows 10
- Upgrading to Windows 10
- Windows 10 installation maintenance
- Managing volume activation

Lab : Upgrading to Windows 10

- Migrating user settings
- Upgrading from Windows 8.1 to Windows 10 (optional)

Lab : Maintaining a Windows 10 installation with Windows ICD

- Create and configure a Windows Imaging and Configuration Designer (Windows ICD) provisioning package

Module 2: Performing post-installation configuration This module provides an overview of the management tools in Windows 10. It describes how to customize the user interface, manage devices, drivers, and services, and configure several other features. The module also provides an overview of Client Hyper-V. Lessons

- Overview of management tools

- Customizing the user interface
- Managing devices, device drivers, and services
- Configuring features, mobility, and power options
- Overview of Client Hyper-V

Lab : Managing devices

- Install a device driver
- Resolving the device driver problem

Lab : Configuring features and power options

- Turning on Windows features with Control Panel
- Managing installed Windows features
- Configuring power options

Module 3: Implementing networking This module describes the homegroups, workgroups, and domains feature in Windows 10. It also describes how to configure IPv4 and IPv6 network connectivity, and how to implement name resolution. Additionally, the module describes how to troubleshoot network connectivity and implement wireless network connectivity.

Lessons

- Homegroups, workgroups, and domains
- Configuring IPv4 network connectivity
- Configuring IPv6 network connectivity
- Implementing name resolution
- Troubleshooting network connectivity
- Implementing wireless network connectivity

Lab : Implementing network connections Lab : Troubleshooting network connections

Module 4: Implementing network security

This module describes how to implement network security by using the Windows 10 features such as Windows Firewall, connection security rules, and Windows Defender.

Lessons

- Implementing Windows Firewall
- Connection security rules
- Implementing Windows Defender

Lab : Implementing network security

Module 5: Managing Windows 10 with Group Policy This module describes how to implement the Group Policy feature in Windows 10. The module also explains how you can configure Windows 10 devices by using Group Policy Objects (GPOs). Lessons

- Overview of Group Policy
- Configuring Windows 10 devices with GPOs

Lab : Describe Windows Firewall.

Module 6: Implementing remote management This module describes how to implement remote management by using Windows 10 features such as Remote Desktop, Remote Assistance, and remoting with Windows PowerShell. Lessons

- Using Remote Desktop
- Using Remote Assistance
- Remoting with Windows PowerShell

Lab : Implementing remote management

Module 7: Managing storage

This module describes how to manage storage in Windows 10 devices by using the available storage options. It also explains how to manage and maintain disks, partitions, and volumes. The modules then describes how you can use the Storage Spaces feature, Microsoft OneDrive, and virtual hard disks to manage storage.

Wichtige Hinweise

Microsoft hat die Ausbildung und Zertifizierung zum MCSA Windows 10 mit den Examen 70-697 und 70-698 auf die 3 Kurse MOC20697-1, MOC20697-2 und MOC20698 verteilt.

Da sich die Inhalte zur Installation & Konfiguration von Windows 10 sowohl im MOC20697-1 als auch im MOC20698 sehr ähnlich sind, empfehlen wir die Teilnahme am MOC20697-1 zu dem im Gegensatz zum MOC20698 deutsche Unterlagen verfügbar sind. Der MOC20697-1 vermittelt auch die Inhalte aus dem MS Examen 70-698, auch wenn der Seminartitel von "Installing and Configuring Windows 10" auf "Implementing and Managing Windows 10" geändert wurde.

Terminübersicht und Buchung

Buchen Sie Ihren Wunschtermin jetzt direkt online unter <https://akademie.tuv.com/s/29457> 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.