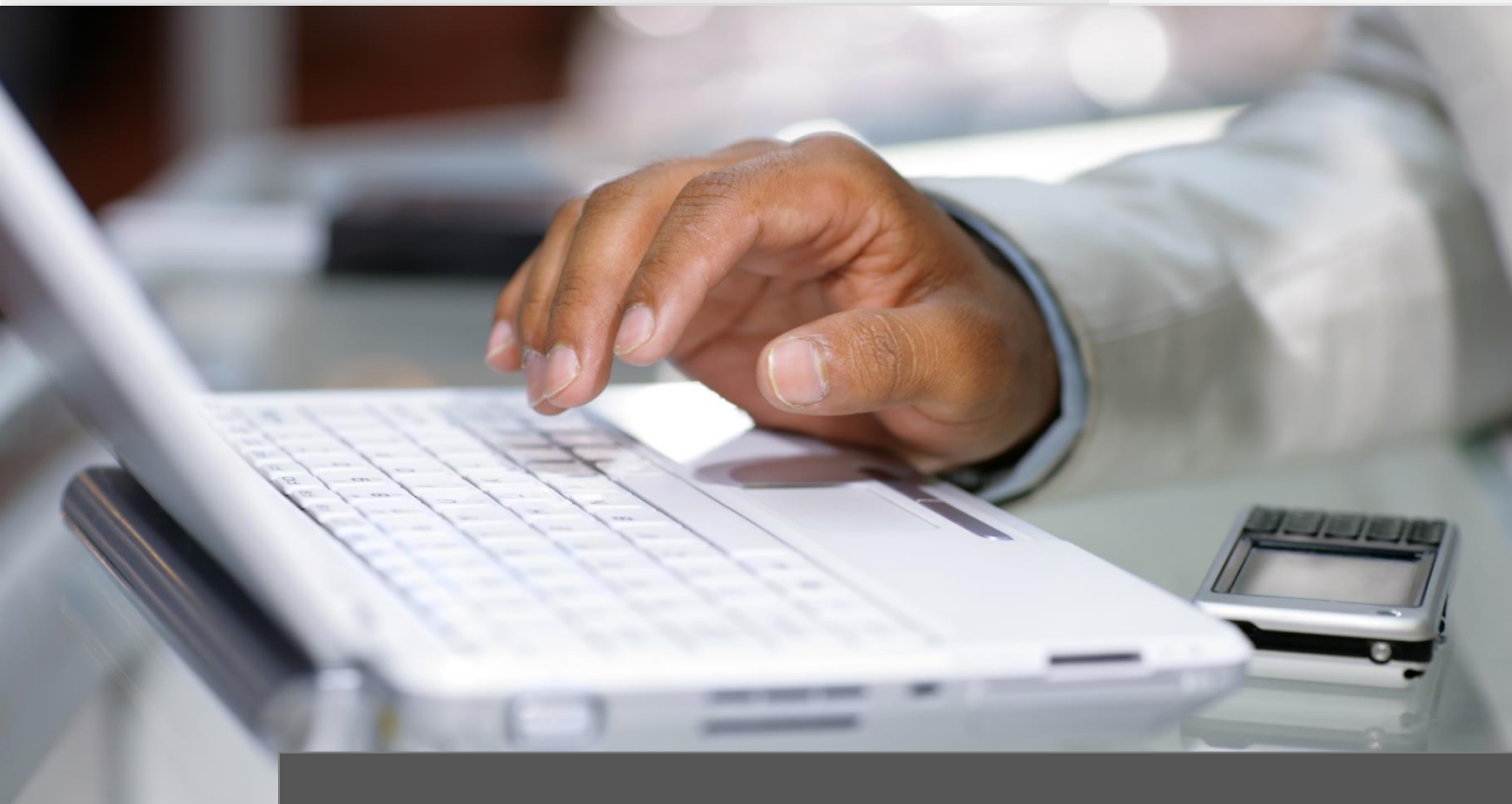


Installing and Configuring Windows 10

Online-Training | Examen 697



Ausbildungsinhalte

697-1 | Installing and Configuring Windows 10

Mit der Vorbereitung auf das Examen 697 werden Sie auf das erste von zwei Examen vorbereitet, mit deren Bestehen Sie den Titel *Microsoft Certified Solutions Associate (MCSA) für Windows 10* erlangen.

Ausbildungspfad | Microsoft Certified Solutions Associate (MCSA) für Windows 10



Mit der Zertifizierung zum *Microsoft Certified Solutions Associate (MCSA) für Windows 10* demonstrieren Sie Ihre Kenntnisse über Konfiguration, Verwaltung und Wartung eines Windows 10 Unternehmenssystems.

Online-Training	Dauer	Examen
Installing and Configuring Windows 10	14 UE	697

Die Schwerpunkte dieses Examens liegen in der Installation und Konfiguration von Windows-10-Desktops und -Geräten in einer Windows-Server-Domänenumgebung. Sie lernen, das Betriebssystem und Apps zu installieren und anzupassen sowie Netzwerkkonnektivität und Storage zu konfigurieren. Daten-, Geräte- und Netzwerksicherheit sowie Wartung, Update und Wiederherstellung von Windows sind weitere Themen.

Unterrichtseinheit	UE 01	697
Introducing Windows 10 <ul style="list-style-type: none"> ✓ Overview of the Windows Client ✓ What's New in Windows 10? ✓ What's Changed Since Windows 8.1? ✓ Benefits of Windows 10 for Small and Medium-Sized Organizations ✓ BYOD Features 	Navigating the Windows 10 User Interface <ul style="list-style-type: none"> ✓ The Windows 10 User Interface ✓ Demonstration: Navigating the Windows 10 User Interface ✓ Demonstration: Customizing the Windows 10 Start Menu 	

Unterrichtseinheit	UE 02	697
Installing Windows 10 <ul style="list-style-type: none"> ✓ Windows 10 Editions ✓ Selecting a Windows 10 Edition ✓ Requirements for Installing Windows 10 ✓ Installation and Deployment Options for Windows 10 ✓ Windows ADK ✓ The Process of Installing Windows 10 ✓ Activating Windows 10 	Upgrading to Windows 10 <ul style="list-style-type: none"> ✓ Supported Upgrade Paths ✓ Upgrade vs. Migrate ✓ Considerations for Choosing Between Upgrade and Migration 	

Unterrichtseinheit	UE 03	697
Upgrading Windows 10 <ul style="list-style-type: none"> ✓ The Process of Upgrading to Windows 10 ✓ The Process of Migrating to Windows 10 ✓ Migrating User State Overview of Tools You Can Use to Configure Windows 10 <ul style="list-style-type: none"> ✓ Using the Settings App ✓ Using Control Panel ✓ What Is Windows PowerShell? ✓ Using Windows PowerShell ✓ Configuring a Device ✓ Using GPOs ✓ How GPOs Apply ✓ Using GPOs to Configure Devices 	Common Configuration Options <ul style="list-style-type: none"> ✓ Display Options ✓ Configuring Display Options ✓ Options for Mobile Devices ✓ Power Plans ✓ Configuring Power Options 	

Unterrichtseinheit		UE 04	697
<p>Managing User Accounts</p> <ul style="list-style-type: none"> ✓ What Is a User Account? ✓ Using a Microsoft Account ✓ Connecting a Microsoft Account ✓ Using an Azure AD Account ✓ When to Use a Microsoft Account <p>Using OneDrive</p> <ul style="list-style-type: none"> ✓ What Is OneDrive? ✓ Enabling OneDrive ✓ Synchronizing Settings with OneDrive 	<p>Using GPOs</p> <p>Configuring IP Network Connectivity</p> <ul style="list-style-type: none"> ✓ Overview of IPv4 Settings ✓ Defining Subnets ✓ Public and Private IP Addressing ✓ Implementing Automatic IPv4 Addressing ✓ Tools for Configuring Network Settings ✓ Tools for Troubleshooting Network Connections ✓ Configuring an IPv4 Connection 		

Unterrichtseinheit		UE 05	697
<p>Configuring IP Network Connectivity</p> <ul style="list-style-type: none"> ✓ Overview of IPv6 in Windows 10 ✓ Overview of IPv6 Addressing ✓ Implementing Name Resolution <p>What Is Name Resolution?</p> <ul style="list-style-type: none"> ✓ Overview of DNS ✓ Troubleshooting Name Resolution ✓ Configuring and Testing Name Resolution <p>Implementing Wireless Network Connectivity</p> <ul style="list-style-type: none"> ✓ Wireless Network Technologies ✓ Configuring Wi-Fi Settings ✓ Considerations for Wireless Connectivity 	<p>Overview of Remote Access</p> <ul style="list-style-type: none"> ✓ Overview of VPNs ✓ Overview of DirectAccess ✓ Considerations for Remote Access <p>Overview of Storage Options</p> <ul style="list-style-type: none"> ✓ Local and Network Storage Options 		

Unterrichtseinheit		UE 06	697
<p>Overview of Storage Options</p> <ul style="list-style-type: none"> ✓ Network Storage Options ✓ Cloud-Based Storage <p>Managing Disks, Partitions, and Volumes</p> <ul style="list-style-type: none"> ✓ MBR and GPT Dynamic Disks ✓ Disk Management Tools ✓ Simple Volumes ✓ Mirrored, Spanned, and Striped Volumes ✓ Creating Volumes ✓ Managing Existing Volumes ✓ Resizing a Volume <p>Maintaining Disks and Volumes</p> <ul style="list-style-type: none"> ✓ What Is Storage Sense? ✓ Using Storage Sense ✓ Disk Fragmentation ✓ Performing Disk Maintenance ✓ File and Folder Compression ✓ Compressing Files and Folders ✓ What Are Disk Quotas? ✓ Configuring Disk Quotas 	<p>Managing Storage Spaces</p> <ul style="list-style-type: none"> ✓ What Is the Storage Spaces Feature? ✓ Features of Storage Spaces ✓ Scenarios for Storage Spaces ✓ Configuring Storage Spaces <p>Overview of File Systems</p> <ul style="list-style-type: none"> ✓ The FAT File System ✓ The NTFS File System ✓ The ReFS File System ✓ Work with File Systems in Windows 10 <p>Configuring and Managing File Access</p> <ul style="list-style-type: none"> ✓ Tools Used for Managing Files and Folders ✓ File and Folder Permissions ✓ Overview of Permission Inheritance ✓ Implementing Conditions to Limit File and Folder Access ✓ Securing Files and Folders with File Permissions ✓ Effective Permissions ✓ Copying and Moving Files 		

Unterrichtseinheit		UE 07	697
<p>Configuring and Managing Shared Folders</p> <ul style="list-style-type: none"> ✓ What Are Shared Folders? ✓ Methods Available to Share Folders ✓ Shared Folder Properties ✓ Combining Shared Folder and NTFS File Permissions ✓ Sharing Folders <p>Work Folders</p> <ul style="list-style-type: none"> ✓ What Are Work Folders? ✓ Components of Work Folders ✓ Configuring Work Folders ✓ Enabling Work Folders 	<p>Managing Printers</p> <ul style="list-style-type: none"> ✓ Overview of Printing Components ✓ What Are Type 4 Printer Drivers? ✓ Adding and Sharing a Printer ✓ Managing Client-Side Printing ✓ Managing Print Server Properties 		

Unterrichtseinheit	UE 08	697
<p>Overview of Providing Apps to Users</p> <ul style="list-style-type: none"> ✓ Types of Windows 10 Apps ✓ Installing Desktop Apps Manually ✓ Installing Desktop Apps Automatically 	<p>The Windows Store</p> <ul style="list-style-type: none"> ✓ What Is the Windows Store? ✓ What Is Sideloaded? ✓ Sideloaded Windows Store Apps 	

Unterrichtseinheit	UE 09	697
<p>Installing and Configuring Windows 10 (Part 09)</p> <p>Overview of Data-Related Security Threats</p> <ul style="list-style-type: none"> ✓ What Is Defense in Depth? ✓ Possible Mitigations for Common Data-Related Threats <p>Securing Data with EFS</p> <ul style="list-style-type: none"> ✓ What Is EFS? ✓ Common EFS Usage Scenarios ✓ How EFS Works ✓ How EFS Recovery Works ✓ Enterprise Solutions for Managing EFS 	<p>Implementing and Managing BitLocker</p> <ul style="list-style-type: none"> ✓ What Is BitLocker? ✓ BitLocker Requirements ✓ BitLocker Modes Using Group Policy Settings to Configure BitLocker ✓ Recovering BitLocker-Encrypted Drives ✓ Microsoft BitLocker Administration and Monitoring <p>Lab Module 8: Managing Data Security (Part A)</p>	

Unterrichtseinheit	UE 10	697
<p>Lab Module 8: Managing Data Security (Part B)</p> <p>Using Security Settings to Mitigate Threats</p> <ul style="list-style-type: none"> ✓ Security Settings Available in GPO ✓ Security Compliance Manager ✓ The Enhanced Mitigation Experience Toolkit ✓ Device Guard and Credential Guard <p>Configuring UAC</p> <ul style="list-style-type: none"> ✓ What Is UAC? ✓ How UAC Works ✓ UAC Elevation Prompts ✓ Configuring UAC Notification Settings 	<p>Configuring Application Restrictions</p> <ul style="list-style-type: none"> ✓ What Is AppLocker? ✓ AppLocker Rules <p>Lab Module 9: Managing Device Security</p>	

Unterrichtseinheit	UE 11	697
<p>Overview of Network-Related Security Threats</p> <ul style="list-style-type: none"> ✓ Common Network-Related Security Threats ✓ Mitigations for Network-Related Security Threats <p>Windows Firewall</p> <ul style="list-style-type: none"> ✓ What Is a Firewall? ✓ What Is Windows Firewall? ✓ Network Location Profiles ✓ Windows Firewall with Advanced Security ✓ Well-Known Ports ✓ Configuring Inbound and Outbound Firewall Rules 	<p>Connection Security Rules</p> <ul style="list-style-type: none"> ✓ What Is IPSec? ✓ What Are Connection Security Rules? ✓ Authentication Options ✓ Monitoring Connections ✓ Creating and Configuring Connection Security Rules <p>Windows Defender</p> <ul style="list-style-type: none"> ✓ What Is Malware? ✓ What Are Sources of Malware? ✓ What Are Possible Mitigations for Malware Threats? ✓ How Windows Defender Can Help? ✓ Using Windows Defender 	

Unterrichtseinheit	UE 12	697
<p>Lab Module 10: Managing Network Security</p> <p>Managing Devices and Drivers</p> <ul style="list-style-type: none"> ✓ What Is a Device Driver? ✓ Using Device Manager ✓ Driver Roll Back 	<p>Recovering Files</p> <ul style="list-style-type: none"> ✓ File Recovery Methods in Windows 10 ✓ File History ✓ Backup and Restore (Windows 7) ✓ Previous Versions <p>Recovering Devices</p> <ul style="list-style-type: none"> ✓ Overview of Device Recovery Procedures 	

Unterrichtseinheit	UE 13	697
Recovering Devices <ul style="list-style-type: none"> ✓ System Protection and Restore Points ✓ Advanced Startup Options ✓ Tools Available in Windows RE 		

Unterrichtseinheit	UE 14	697		
<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> Updating Windows <ul style="list-style-type: none"> ✓ Windows 10 Servicing Options ✓ Methods for Applying Updates to Windows 10 ✓ Windows Update Settings in Windows 10 ✓ Available GPOs for Configuring Windows Update ✓ Using a WSUS Server to Deploy Updates ✓ Windows Update for Business </td> <td style="width: 50%; vertical-align: top;"> Monitoring Windows 10 <ul style="list-style-type: none"> ✓ Task Manager ✓ Event Viewer ✓ Configuring Event Subscriptions ✓ Reliability History Optimizing Performance <ul style="list-style-type: none"> ✓ Performance Considerations ✓ Performance Monitoring </td> </tr> </table>			Updating Windows <ul style="list-style-type: none"> ✓ Windows 10 Servicing Options ✓ Methods for Applying Updates to Windows 10 ✓ Windows Update Settings in Windows 10 ✓ Available GPOs for Configuring Windows Update ✓ Using a WSUS Server to Deploy Updates ✓ Windows Update for Business 	Monitoring Windows 10 <ul style="list-style-type: none"> ✓ Task Manager ✓ Event Viewer ✓ Configuring Event Subscriptions ✓ Reliability History Optimizing Performance <ul style="list-style-type: none"> ✓ Performance Considerations ✓ Performance Monitoring
Updating Windows <ul style="list-style-type: none"> ✓ Windows 10 Servicing Options ✓ Methods for Applying Updates to Windows 10 ✓ Windows Update Settings in Windows 10 ✓ Available GPOs for Configuring Windows Update ✓ Using a WSUS Server to Deploy Updates ✓ Windows Update for Business 	Monitoring Windows 10 <ul style="list-style-type: none"> ✓ Task Manager ✓ Event Viewer ✓ Configuring Event Subscriptions ✓ Reliability History Optimizing Performance <ul style="list-style-type: none"> ✓ Performance Considerations ✓ Performance Monitoring 			



Weitere wichtige Informationen

Optimale Prüfungsvorbereitung

Für die optimale Vorbereitung auf das Microsoft-Examen, empfehlen wir die IT-Prüfungsvorbereitungs-Plattform CertBase, die Sie unter www.CertBase.de aufrufen können. In diesem Portal werden Fragen bereitgestellt, die den Original Microsoft Prüfungen gleichen und mit deren Hilfe Sie Ihre Chancen auf ein erfolgreiches Bestehen der gewünschten Prüfung deutlich steigern.



Microsoft Test- und Demoumgebungen

Unter der Adresse www.mycontoso.de finden Sie eine Auswahl an Werkzeugen zur Demonstration aktueller Microsoft-Produkte und Services. Diese vorkonfigurierten Demoumgebungen aus der Microsoft Demonstration Plattform eignen sich auch sehr gut für administrative Übungszwecke.

Sie haben Fragen oder Anregungen?

Falls Sie Fragen, Wünsche oder Anregungen zu dieser oder zu anderen Ausbildungen haben, stehen wir Ihnen montags bis donnerstags in der Zeit von 08:00 – 17:00 Uhr und freitags von 08:00 – 13:00 Uhr sehr gerne zur Verfügung.

Sie erreichen uns unter:

Telefon: 09526 95 000 60
E-Mail: info@ITKservice.NET

Ihre Ansprechpartner für das ITKwebcollege.ADMIN

Christoph Holzheid
Anne Hirschlein
Sylvia Sonntag
Thomas Wölfel



Copyrights und Vertragsbedingungen

Das Copyright © aller Trainings, inkl. aller Aufzeichnungen und Unterlagen obliegt der ITKservice GmbH & Co. KG. Die Nutzung aller ITKwebcollege-Leistungen ist nur für den Vertragspartner und nur für den internen Gebrauch gestattet. Eine Weitergabe der Leistungen an Dritte ist nicht zulässig.

Kontaktdaten | Impressum

ITKservice GmbH & Co. KG

Fuchsstädter Weg 2
97491 Aidhausen

Telefon: 09526 95 000 60
Telefax: 09526 95 000 63

www: ITKservice.NET
E-Mail: info@ITKservice.NET

Sitz der Gesellschaft: Aidhausen | Amtsgericht Bamberg, HRA 11009, Ust-Id: DE 262 344 410 | Vertreten durch: Thomas Wölfel (GF).

Bildnachweise: Alle in diesem Dokument dargestellten Bilder wurden von der ITKservice GmbH & Co. KG bei ccvision.de lizenziert.

Redaktion: ITKservice GmbH & Co. KG | Copyright © 2017 ITKservice GmbH & Co. KG.