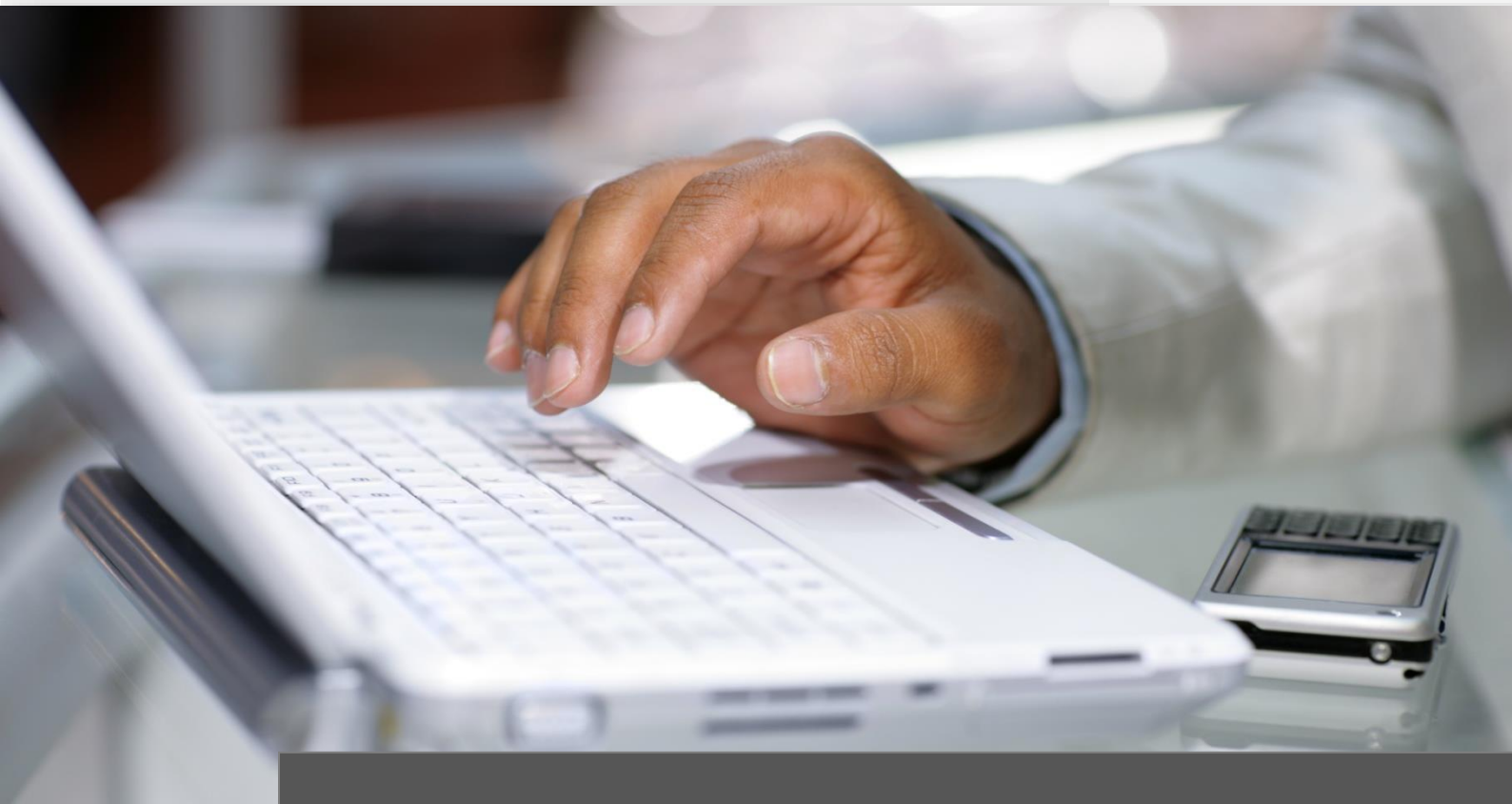


Deploying & Managing Windows 10 Using Enterprise Services

Online-Training | Examen 697



Ausbildungsinhalte

697-2 | Deploying & Managing Windows 10 Using Enterprise Services

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
Deploying & Managing Windows 10 Using Enterprise Services	14 UE	697

Dieses Seminar behandelt Bereitstellung und Verwaltung von Windows-10-Desktops, -Geräten und -Anwendungen in einer Unternehmensumgebung. Die Teilnehmer lernen, Windows-10-Bereitstellungen zu planen und zu implementieren, die Installation zu verwalten und einen sicheren Zugriff auf Daten zu gewährleisten. Für die Verwaltung von Geräten und Daten werden Lösungen wie Microsoft Azure Active Directory, Microsoft Intune und Microsoft Azure Rights Management vorgestellt. Diese sind Teil der Enterprise Mobility Suite, die Identitäts- und Zugriffsmanagement, cloudbasiertes Geräte-, Anwendungs- und Updatemanagement bietet sowie einen sicheren Zugriff auf Daten, die sowohl in der Cloud als auch an jedem anderen Ort im Unternehmensnetzwerk gespeichert sein können.

Unterrichtseinheit	UE 01	697
Module 1: Managing Desktops and Devices in an Enterprise Environment Managing Windows 10 in the Enterprise ✓ Managing Desktops in an Enterprise Environment ✓ Overview of Windows 10 ✓ Overview of Windows 10 Anniversary Update ✓ Managing Windows 10 in an Enterprise Environment Managing a Mobile Workforce ✓ Challenges for Managing a Mobile Workforce ✓ Solutions for Managing External Clients ✓ Enterprise Solutions for Remote Data and Application Access Supporting Devices in the Enterprise ✓ Considerations for Supporting Devices ✓ Solutions for Providing Data Access for Devices ✓ Solutions for Providing Application Access for Devices	Extending IT Management and Services to the Cloud ✓ Overview of Applications and Services Available from Cloud Services ✓ Cloud-Based Solutions for Application, Data, and Desktop Management ✓ What Is the Enterprise Mobility + Security Suite? ✓ How Windows 10 Enterprise Supports Cloud Services Module 2: Deploying Windows 10 Enterprise Desktops Overview of Windows 10 Enterprise Deployment ✓ Deployment Options for Windows 10 Desktops ✓ Considerations for In-Place Upgrade Scenarios	

Unterrichtseinheit	UE 02	697
<p>Module 2: Deploying Windows 10 Enterprise Desktops</p> <p>Overview of Windows 10 Enterprise Deployment</p> <ul style="list-style-type: none"> ✓ Considerations for New Deployments ✓ Considerations for Desktop Migrations ✓ Overview of Windows 10 Provisioning <p>Solutions for Performing Enterprise Desktop Deployments</p> <ul style="list-style-type: none"> ✓ Customizing Enterprise Desktop Deployments ✓ Overview of Windows ADK ✓ Process for Performing Enterprise Desktop Deployments ✓ Customizing and Creating Windows PE Media ✓ Overview of Windows Setup Configuration Passes ✓ Controlling Setup by Using Answer Files ✓ Answer File Locations Using Sysprep to Prepare a Reference Computer 	<p>Deploying Windows 10 by Using MDT</p> <ul style="list-style-type: none"> ✓ Prerequisites for Using MDT ✓ Overview of the MDT Deployment Process ✓ What Is the MDT Deployment Share? ✓ Overview of MDT Configuration Files Working with MDT Task Sequences ✓ Deploying Operating Systems by Using the Windows Deployment Wizard 	

Unterrichtseinheit	UE 03	697
<p>Module 2: Deploying Windows 10 Enterprise Desktops</p> <p>Deploying Windows 10 by Using MDT</p> <ul style="list-style-type: none"> ✓ Prerequisites for Using MDT ✓ Overview of the MDT Deployment Process ✓ What Is the MDT Deployment Share? ✓ Overview of MDT Configuration Files ✓ Working with MDT Task Sequences ✓ Deploying Operating Systems by Using the Windows Deployment Wizard <p>Maintaining a Windows 10 Installation</p> <ul style="list-style-type: none"> ✓ Using DISM for Installation and Image Maintenance ✓ Overview of the Windows Imaging and Configuration Designer ✓ Using Provisioning Packages to Modify Windows 10 Installations 	<p>Volume License Activation for Windows 10</p> <ul style="list-style-type: none"> ✓ Technologies for Volume License Activation ✓ How Active Directory-Based Activation Works ✓ How KMS Activation Works ✓ Volume Activation Management ✓ Subscription Models 	

Unterrichtseinheit	UE 04	697
<p>Module 3: Managing User Profiles and User State Virtualization</p> <p>Managing User Profiles and User State</p> <ul style="list-style-type: none"> ✓ What Is User State? ✓ How a User Profile Maintains User State ✓ User Profile Types ✓ Options for Minimizing the Size of a Profile ✓ Group Policy Settings for Managing Profiles <p>Implementing User State Virtualization by Using Group Policy</p> <ul style="list-style-type: none"> ✓ What Is User State Virtualization? ✓ Folder Redirection with Group Policy ✓ Configuring Folder Redirection ✓ Using Primary Computer Settings to Control Profiles 	<p>Configuring UE-V</p> <ul style="list-style-type: none"> ✓ Overview of UE-V ✓ UE-V Components ✓ Preparing the UE-V Synchronization Environment ✓ Enabling UE-V ✓ Managing UE-V by Using Group Policy ✓ Overview of UE-V Templates ✓ What Is the UE-V Generator? 	

Unterrichtseinheit	UE 05	697
<p>Module 3: Managing User Profiles and User State Virtualization</p> <p>Managing User State Migration</p> <ul style="list-style-type: none"> ✓ Overview of User State Migration ✓ Determining What to Migrate ✓ Overview of the USMT Toolset ✓ Module 4: Managing Desktop and Application Settings by Using Group Policy Managing 	<p>Group Policy Objects</p> <ul style="list-style-type: none"> ✓ How Group Policy is Applied in an Enterprise Environment ✓ Managing Group Policy Inheritance ✓ Filtering Group Policy Settings ✓ Determining Group Policy Results ✓ Managing Group Policy from the Desktop ✓ Configuring GPOs 	

Unterrichtseinheit	UE 06	697
Module 4: Managing Desktop and Application Settings by Using Group Policy Configuring Enterprise Desktops by Using Group Policy <ul style="list-style-type: none"> ✓ Overview of Administrative Templates ✓ Managing Administrative Templates in the Enterprise ✓ New Administrative Template Settings in Windows 10 ✓ Common Desktop Settings to be Managed ✓ Common Security Settings to be Managed ✓ Deploying and Managing Applications ✓ Configuring Group Policy Settings 	Overview of Group Policy Preferences <ul style="list-style-type: none"> ✓ How Group Policy Preferences Differ from Group Policy Settings ✓ Common Group Policy Preferences to Deploy ✓ Targeting and Filtering Group Policy Preferences ✓ Configuring Group Policy Preferences 	

Unterrichtseinheit	UE 07	697
Module 5: Managing Windows 10 sign-in and identity <p>Overview of Enterprise Identity</p> <ul style="list-style-type: none"> ✓ What Is Identity? ✓ Types of Identity and Authentication Scenarios ✓ Methods Used to Authenticate Identity ✓ Increasing Identity Security Using Multi-Factor Authentication ✓ Integrating a Microsoft Account and a Domain-based Account ✓ Managing Microsoft Accounts and Domain Integration 	Planning for Cloud Identity Integration <ul style="list-style-type: none"> ✓ Overview of Cloud Identity ✓ Challenges of Maintaining a Local Identity and a Cloud-based Identity ✓ Authenticating Cloud Identities with AD FS ✓ Overview of Azure Active Directory ✓ Joining Windows 10 to Azure Active Directory 	

Unterrichtseinheit	UE 08	697
Module 6: Managing Data Access for Windows-based Devices <p>Overview of Data Access Solutions</p> <ul style="list-style-type: none"> ✓ Challenges to Data Access for Multiple Device Types ✓ Challenges to Data Access for Non-Domain Joined Devices ✓ Solutions for Data Access <p>Implementing Work Folders</p> <ul style="list-style-type: none"> ✓ Work Folders Overview ✓ Work Folders Components ✓ Process for Configuring Work Folders ✓ Using Group Policy to Configure Work Folders 	Managing Online Data Using Cloud-Based Storage Solutions <ul style="list-style-type: none"> ✓ Considering Online Storage for Data ✓ Comparing Personal and Enterprise OneDrive Solutions ✓ Process for Configuring OneDrive ✓ Sharing Data Stored in OneDrive <p>Configuring OneDrive</p> <p>Module 7: Managing Remote Access Solutions</p> <p>Overview of Remote Access Solutions</p> <ul style="list-style-type: none"> ✓ Types of Remote Access Solutions ✓ Overview of Remote Infrastructure Access ✓ Overview of Remote Application Access 	

Unterrichtseinheit	UE 09	697
Module 7: Managing Remote Access Solutions <p>Supporting DirectAccess with Windows 10</p> <ul style="list-style-type: none"> ✓ DirectAccess Components ✓ How DirectAccess Works for Internal Clients ✓ How DirectAccess Works for External Clients ✓ Configuring DirectAccess by Using the Getting Started Wizard <p>Configuring VPN Access to Remote Networks</p> <ul style="list-style-type: none"> ✓ What Is a VPN? ✓ New Features for Windows 10 VPN ✓ Tunneling Protocols for VPN Connections ✓ Overview of VPN Authentication Methods ✓ Windows 10 VPN Profile Features ✓ Configuring a VPN Connection on Windows 10 ✓ Overview of the Connection Manager Administration Kit ✓ Provisioning VPN Connection Settings by Using Management Solutions 	Supporting RemoteApp <ul style="list-style-type: none"> ✓ Options for Deploying RemoteApp ✓ Infrastructure Needed to Support RemoteApp by Using Remote Desktop Services ✓ Overview of Session Collections for Publishing RemoteApp ✓ Publishing an Application for Remote Desktop Services RemoteApp 	

Unterrichtseinheit		UE 10	697
<p>Module 8: Managing Windows 10 Devices by Using Enterprise Mobility Solutions</p> <p>Overview of EMS</p> <ul style="list-style-type: none"> ✓ What Is EMS? ✓ Practical Uses of EMS ✓ Requirements for Implementing EMS ✓ Licensing Options for EMS <p>Overview of Azure Active Directory Premium</p> <ul style="list-style-type: none"> ✓ What Is Azure AD Premium? ✓ Considerations for Integrating On-Premises AD DS with Azure AD ✓ Multi-Factor Authentication and Password Management ✓ Overview of SaaS Applications ✓ Accessing SaaS Applications 	<p>Overview of Azure RMS</p> <ul style="list-style-type: none"> ✓ What Is Azure RMS? ✓ Process for Implementing Azure RMS ✓ Using RMS Templates Applications That Support Azure RMS ✓ Overview of the RMS Connector <p>Overview of Intune</p> <ul style="list-style-type: none"> ✓ Benefits of Using Intune ✓ Options for Implementing Intune ✓ Signing Up for the Intune Cloud Service ✓ Overview of the Intune Portals 		

Unterrichtseinheit		UE 06	697
<p>Module 9: Managing Desktop and Mobile Clients by Using Microsoft Intune</p> <p>Deploying the Intune Client Software</p> <ul style="list-style-type: none"> ✓ What Is the Intune Client? ✓ Intune Client Requirements ✓ Methods to Deploy the Intune Client Software ✓ Validating Client Installation ✓ Managing Objects by User-Device Linking and Using Groups ✓ Creating Groups in Intune ✓ Overview of Intune Reports <p>Overview of Intune Policies</p> <ul style="list-style-type: none"> ✓ What Are Intune Policies? ✓ Types of Configuration Policies for Computers ✓ Compliance Settings and Conditional Access Policies ✓ Configuring Intune Policy 	<p>MDM by Using Intune</p> <ul style="list-style-type: none"> ✓ Mobile Device Support for MDM Using Intune ✓ MDM Features Supported by Intune ✓ Configuring the MDM Authority ✓ Prerequisites for Managing Mobile Devices ✓ Overview of MDM Policies ✓ Managing Mobile Devices 		

Unterrichtseinheit		UE 07	697
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Unterrichtseinheit	UE 11	697
<p>Module 9: Managing Desktop and Mobile Clients by Using Microsoft Intune</p> <p>Deploying the Intune Client Software</p> <ul style="list-style-type: none"> ✓ What Is the Intune Client? ✓ Intune Client Requirements ✓ Methods to Deploy the Intune Client Software ✓ Validating Client Installation ✓ Managing Objects by User-Device Linking and Using Groups ✓ Creating Groups in Intune ✓ Overview of Intune Reports <p>Overview of Intune Policies</p> <ul style="list-style-type: none"> ✓ What Are Intune Policies? ✓ Types of Configuration Policies for Computers ✓ Compliance Settings and Conditional Access Policies ✓ Configuring Intune Policy 	<p>MDM by Using Intune</p> <ul style="list-style-type: none"> ✓ Mobile Device Support for MDM Using Intune ✓ MDM Features Supported by Intune ✓ Configuring the MDM Authority ✓ Prerequisites for Managing Mobile Devices ✓ Overview of MDM Policies ✓ Managing Mobile Devices 	

Unterrichtseinheit	UE 12	697
<p>Module 10: Managing Updates and Endpoint Protection by Using Microsoft Intune</p> <p>Managing Updates by Using Intune</p> <ul style="list-style-type: none"> ✓ Types of updates that can be managed by using Intune ✓ Process for configuring and managing updates ✓ Overview of update policy settings ✓ Configuring product categories, update classifications, and automatic approval rules ✓ Managing non-Microsoft updates ✓ Approving and deploying updates ✓ Configuring and deploying updates <p>Managing Endpoint Protection</p> <ul style="list-style-type: none"> ✓ Configuring Endpoint Protection Service Settings ✓ Monitoring Endpoint Protection ✓ Management Tasks for Endpoint Protection 	<p>Module 11: Application and Resource Access by Using Microsoft Intune</p> <p>Application Management by Using Intune</p> <ul style="list-style-type: none"> ✓ Overview of ALM by Using Intune ✓ Requirements for Managing Applications by Using Intune ✓ Overview of Software Installation Types <p>The Application Deployment Process</p> <ul style="list-style-type: none"> ✓ Overview of the App Deployment Process for Intune ✓ Publishing Apps by Using the Intune Software Publisher ✓ Managing App Deployments ✓ Deploying Apps by Using Intune ✓ Monitoring App Deployments ✓ Mobile Application Management by Using Intune 	

Unterrichtseinheit	UE 13	697
<p>Module 11: Application and Resource Access by Using Microsoft Intune</p> <p>Managing Access to Organizational Resources</p> <ul style="list-style-type: none"> ✓ Methods for Managing Access to Organizational Resources ✓ Deploying Certificate Profiles by Using Intune ✓ Deploying Wi-Fi Profiles by Using Intune ✓ Deploying VPN Profiles by Using Intune ✓ Deploying Email Profiles by Using Intune ✓ Configuring Conditional Access to Network Resources 	<p>Module 12: Configuring and Managing Client Hyper-V</p> <p>Installing and Configuring Client Hyper-V</p> <ul style="list-style-type: none"> ✓ Overview of Client Hyper-V ✓ Overview of Nested Virtualization 	

Unterrichtseinheit	UE 14	697
<p>Module 12: Configuring and Managing Client Hyper-V</p> <p>Installing and Configuring Client Hyper-V</p> <ul style="list-style-type: none"> ✓ How to Install Client Hyper-V ✓ Client Hyper-V Settings ✓ VM Security <p>Configuring Virtual Switches</p> <ul style="list-style-type: none"> ✓ Types of Virtual Switches ✓ Configuring Virtual Switches ✓ Advanced Settings for Virtual Switches ✓ Accessing SaaS Applications 	<p>Creating and Managing Virtual Hard Disks</p> <ul style="list-style-type: none"> ✓ Overview of Disk Formats ✓ Overview of Disk Types ✓ Creating a Virtual Hard Disk <p>Inspecting and Editing a Virtual Hard Disk</p> <ul style="list-style-type: none"> ✓ Creating and Managing VMs ✓ Types of VMs ✓ Creating a VM ✓ Modifying VM Settings ✓ Managing Checkpoints 	

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 – 15:00 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
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