

Active Directory Services with Windows Server 2012, On Demand 10969



Seminar



Zurzeit keine Termine



Teilnahmebescheinigung



E-Learning



40 Unterrichtseinheiten

Seminarnummer: 29439 | Herstellernummer: OD10969

Stand: 21.10.2025. Alle aktuellen Informationen finden Sie unter <https://akademie.tuv.com/s/29439>

Get Hands on instruction and practice administering Active Directory technologies in Windows Server 2012 and Windows Server 2012 R2 in this course. You will learn the skills you need to better manage and protect data access and information, simplify deployment and management of your identity infrastructure, and provide more secure access to data.

Nutzen

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

After completing this course, students will be able to:

- Understand available solutions for identity management and be able to address scenarios with appropriate solutions.
- Deploy and administer AD DS in Windows Server 2012.
- Secure AD DS deployment.
- Implement AD DS sites, configure and manage replication
- Implement and manage Group Policy
- Manage user settings with Group Policy
- Implement certification authority (CA) hierarchy with AD CS and how to manage CAs.
- Implement, deploy and manage certificates.
- Implement and manage AD RMS.
- Implement and administer AD FS.
- Secure and provision data access using technologies such as Dynamic Access Control, Work Folders and Workplace Join
- Monitor, troubleshoot and establish business continuity for AD DS services.
- Implement Windows Azure Active Directory.
- Implement and administer Active Directory Lightweight Directory Services (AD LDS).

Zielgruppe

This course is intended for Information Technology (IT) Professionals who have Active Directory Domain Services (AD DS) experience and are looking for a single course that will further develop knowledge and skills using Access and Information Protection technologies in Windows Server 2012 and Windows Server 2012 R2. This would typically include: AD DS Administrators who are looking to further develop skills in the latest Access and Information Protection technologies with Windows Server 2012 and Windows Server 2012 R2. System or Infrastructure administrators with general AD DS experience and knowledge who are looking to build upon that core knowledge and cross-train into advanced Active Directory technologies in Windows Server 2012 and Windows Server 2012 R2. IT Professionals who have taken the 10967A: Fundamentals of a Windows Server Infrastructure course and are looking to build upon that Active directory knowledge.

Voraussetzungen

Before attending this course, students must have:

- Experience working with Active Directory Domain Services (AD DS)
- Experience working in a Windows Server Infrastructure enterprise environment
- Experience working with and troubleshooting core networking infrastructure technologies such as name resolution, IP Addressing, Domain Name System (DNS) and Dynamic Host Configuration Protocol (DHCP)
- Experience working with Hyper-V and Server Virtualization concepts
- An awareness and understanding of general security best practices
- Experience working hands on with Windows client operating systems such as Windows Vista, Windows 7 or Windows 8

Inhalte des Seminars

Module 1: Overview of Access and Information Protection This module provides an overview of multiple Access and Information Protection (AIP) technologies and services what are available with Windows Server 2012 and Windows Server 2012 R2 from a business perspective and maps business problems to technical solutions. It also includes coverage of Forefront Identify Manager (FIM).

Lessons

- Introduction to Access and Information Protection Solutions in Business
- Overview of AIP Solutions in Windows Server 2012
- Overview of FIM 2010 R2

Lab : Choosing an Appropriate Access and Information Protection Management Solution

Module 2: Advanced Deployment and Administration of AD DS This module explains how to deploy AD DS remotely and describes the virtualization safeguards, cloning abilities and extending AD DS to the cloud.

Lessons

- Deploying AD DS
- Deploying and Cloning Virtual Domain Controllers
- Deploying Domain Controllers in Windows Azure
- Administering AD DS

Lab : Deploying and Administering AD DS

Module 3: Securing AD DS This module describes the threats to domain controllers and what methods can be used to secure the AD DS and its domain controllers.

Lessons

- Securing Domain Controllers
- Implementing Account Security
- Implementing Audit Authentication

Lab : Securing AD DS

Module 4: Implementing and Administering AD DS Sites and Replication This module explains how AD DS replicates information between domain controllers within a single site and throughout multiple sites. This module also explains how to create multiple sites and how to monitor replication to help optimize AD DS replication and authentication traffic.

Lessons

- Overview of AD DS Replication
- Configuring AD DS Sites
- Configuring and Monitoring AD DS Replication

Lab : Implementing AD DS Sites and Replication

Module 5: Implementing Group Policy This module describes Group Policy, how it works, and how best to implement it within your organization.

Lessons

- Introducing Group Policy
- Implementing and Administering GPOs
- Group Policy Scope and Group Policy Processing
- Troubleshooting the Application of GPOs

Lab : Implementing and Troubleshooting a Group Policy Infrastructure

Module 6: Managing User Settings with Group Policy This module describes how to use GPO Administrative Templates, Folder Redirection, and Group Policy features to configure users computer settings.

Lessons

- Implementing Administrative Templates

- Configuring Folder Redirection and Scripts
- Configuring Group Policy Preferences

Lab : Managing User Desktops with Group Policy

Module 7: Deploying and Managing AD CS This module explain how to deploy and manage Certificate Authorities (CAs) with Active Directory Certificate Services (AD CS)

Lessons

- Deploying CAs
- Administering CAs
- Troubleshooting, Maintaining, and Monitoring CAs

Lab : Deploying and Configuring a Two-Tier CA Hierarchy

Module 8: Deploying and Managing Certificates This module describes certificate usage in business environments and explains how to deploy and manage certificates, configure certificate templates and manage enrolment process. This module also covers the deployment and management of smart cards.

Lessons

- Using Certificates in a Business Environment
- Deploying and Managing Certificate Templates
- Managing Certificates Deployment, Revocation, and Recovery
- Implementing and Managing Smart Cards

Lab : Deploying and Using Certificates

Module 9: Implementing and Administering AD RMS This module introduces

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

Terminübersicht und Buchung

Buchen Sie Ihren Wunschtermin jetzt direkt online unter <https://akademie.tuv.com/s/29439> 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.