

Identity with Windows Server 2016, On Demand 20742

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Seminar



Zurzeit keine Termine



Teilnahmebescheinigung



E-Learning



40 Unterrichtseinheiten

Seminarnummer: 29460 | Herstellernummer: OD20742

Stand: 03.05.2024. Alle aktuellen Informationen finden Sie unter <https://akademie.tuv.com/s/29460>

This On Demand online course teaches IT Pros how to deploy and configure Active Directory Domain Services (AD DS) in a distributed environment, how to implement Group Policy, how to perform backup and restore, and how to monitor and troubleshoot Active Directory-related issues with Windows Server 2016.

Nutzen

After completing this course, students will be able to:

- Install and configure domain controllers.
- Manage objects in AD DS by using graphical tools and Windows PowerShell.
- Implement AD DS in complex environments.
- Implement AD DS sites, and configure and manage replication.
- Implement and manage Group Policy Objects (GPOs).
- Manage user settings by using GPOs.
- Secure AD DS and user accounts.
- Implement and manage a certificate authority (CA) hierarchy with AD CS.
- Deploy and manage certificates.
- Implement and administer AD FS.
- Implement and administer Active Directory Rights Management Services (AD RMS).
- Implement synchronization between AD DS and Azure AD.
- Monitor, troubleshoot, and establish business continuity for AD DS services.

Zielgruppe

This course is primarily intended for existing IT professionals who have some AD DS knowledge and experience and who aim to develop knowledge about identity and access technologies in Windows Server 2016. This would typically include: AD DS administrators who are looking to train in identity and access technologies with Windows Server 2012 or Windows Server 2016. System or infrastructure administrators with general AD DS experience and knowledge who are looking to cross-train in core and advanced identity and access technologies in Windows Server 2012 or Windows Server 2016.

The secondary audience for this course includes IT professionals who are looking to consolidate their knowledge about AD DS and related technologies, in addition to IT professionals who want to prepare for the 70-742 exam.

Inhalte des Seminars

Module 1: Installing and configuring domain controllers This module describes the features of AD DS and how to install domain controllers (DCs). It also covers the considerations for deploying DCs.

Module 2: Managing objects in AD DS This module describes how to use various techniques to manage objects in AD DS. This includes creating and configuring user, group, and computer objects.

Module 3: Advanced AD DS infrastructure management This module describes how to plan and implement an AD DS deployment that includes multiple domains and forests. The module provides an overview of the components in an advanced AD DS deployment, the process of implementing a distributed AD DS environment, and the procedure for configuring AD DS trusts.

Module 4: Implementing and administering AD DS sites and replication This module describes how to plan and implement an AD DS deployment that includes multiple locations. The module explains how replication works in a Windows Server 2016 AD DS environment.

Module 5: Implementing Group Policy This module describes how to implement a GPO infrastructure. The module provides an overview of the components and technologies that compose the Group Policy framework.

Module 6: Managing user settings with Group Policy This module describes how to configure Group Policy settings and Group Policy preferences. This includes implementing administrative templates, configuring folder redirection and scripts, and configuring Group Policy preferences.

Module 7: Securing Active Directory Domain Services This module describes how to configure domain controller security, account security, password security, and Group Managed Service Accounts (gMSA).

Module 8: Deploying and managing AD CS This module describes how to implement an AD CS deployment. This includes deploying, administering, and troubleshooting CAs.

Module 9: Deploying and managing certificates This module describes how to deploy and manage certificates in an AD DS environment. This involves deploying and managing certificate templates,

managing certificate revocation and recovery, using certificates in a business environment, and implementing smart cards.

Module 10: Implementing and administering AD FS This module describes AD FS and how to configure AD FS in a single-organization scenario and in a partner-organization scenario.

Module 11: Implementing and administering AD RMS This module describes how to implement an AD RMS deployment. The module provides an overview of AD RMS, explains how to deploy and manage an AD RMS infrastructure, and explains how to configure AD RMS content protection.

Module 12: Implementing AD DS synchronization with Microsoft Azure AD This module describes how to plan and configure directory syncing between Microsoft Azure Active Directory (Azure AD) and on-premises AD DS. The modules describes various sync scenarios, such as Azure AD sync, AD FS and Azure AD, and Azure AD Connect.

Module 13: Monitoring, managing, and recovering AD DS This module describes how to monitor, manage, and maintain AD DS to help achieve high availability of AD DS.

Details zu den einzelnen Lessons und Labs finden Sie im Seminar MOC20742 beschrieben.

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/29460> 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.