

20742 Identity with Windows Server 2016

Přehled

This course teaches IT Pros how to deploy and configure Active Directory Domain Services in a distributed environment, how to implement Group Policy, how to perform backup & restore, & how to troubleshoot Active Directory-related issues.

Vzdělávací cíle

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.

1 - Installing & Configuring DCs

- Overview of AD DS
- Overview of AD DS DCs
- Deploying DCs
- Lab: Deploying and administering AD DS

2 - Managing Objects in AD DS

- Managing user accounts
- Managing groups in AD DS
- Managing computer accounts
- Using Windows PowerShell for AD DS administration
- Implementing and managing organizational units
- Lab: Deploying and administering AD DS
- Lab: Administering AD DS

3 - Advanced AD DS Infrastructure Management

- Overview of advanced AD DS deployments
- Deploying a distributed AD DS environment
- Configuring AD DS trusts
- Lab: Domain and trust management in AD DS

[Online registrace](#)

Termíny

Trvání kurzu (v dnech): 5 Days

G2R = "Garantovaný termín" | OLL = "Online LIVE"
ILT = "Kurz vedený instruktorem"

Pro tento kurz aktuálně nemáme vypsaný žádné veřejné termíny. Prosím, použijte naše kontaktní informace a vyžádejte si od nás další termíny školení pro veřejné třídy, nebo nám zašlete vaši žádost pro školení v privátní třídě.

4 - Implementing & Administering AD DS Sites & Replication

Overview of AD DS replication
Configuring AD DS sites
Configuring and monitoring AD DS replication
Lab: Managing and implementing AD DS sites and replication

5 - Implementing Group Policy

Introducing Group Policy
Implementing and administering GPOs
Group Policy scope and Group Policy processing
Troubleshooting the application of GPOs
Lab: Implementing a Group Policy infrastructure
Lab: Troubleshooting a Group Policy Infrastructure

6 - Managing User Settings with GPOs

Implementing administrative templates
Configuring Folder Redirection and scripts
Configuring Group Policy preferences
Lab: Managing user settings with GPOs

7 - Securing AD DS

Securing domain controllers
Implementing account security
Audit authentication
Configuring managed service accounts (MSAs)
Lab: Securing AD DS

8 - Deploying & Managing AD CS

Deploying CAs
Administering CAs
Troubleshooting and maintaining CAs
Lab: Deploying and configuring a two-tier CA hierarchy

9 - Deploying & Managing Certificates

Deploying and managing certificate templates
Managing certificate deployment, revocation, and recovery
Using certificates in a business environment
Implementing and managing smart cards
Lab: Deploying certificates

10 - Implementing & Administering AD FS

Overview of AD FS
AD FS requirements and planning
Deploying and configuring AD FS
Overview of Web Application Proxy
Lab: Implementing AD FS

11 - Implementing & Administering AD RMS

Overview of AD RMS
Deploying and managing an AD RMS infrastructure
Configuring AD RMS content protection
Lab: Implementing an AD RMS infrastructure

12 - Implementing AD DS Synchronization with Azure AD

Planning and preparing for directory synchronization
Implementing directory synchronization by using Azure AD Connect
Managing identities with directory synchronization
Lab: Configuring directory synchronization

13 - Monitoring, Managing, & Recovering AD DS

Monitoring AD DS
Managing the AD DS database
Recovering AD DS objects
Lab: Recovering objects in AD DS
