Administer Active Directory Domain Services (AZ-1008)

Description

Enhance Your Active Directory Administration Skills

Managing Active Directory Domain Services (AD DS) is essential for any IT infrastructure. This course provides you with all the necessary skills to efficiently administer an Active Directory environment, covering everything from deploying domain controllers to advanced object and group policy management.

A Comprehensive Program for In-Depth Mastery

With this AZ-1008 training, you will learn how to set up and manage Active Directory domains, configure security policies, and optimize user and group administration. This detailed program prepares you to tackle the challenges of a modern network infrastructure.

Course Content
Module 1 : Deploy and Manage Active Directory Domain Services Domain Controllers

- Define Active Directory Domain Services
- Define Active Directory Domain Services forests and domains
- Deploy Active Directory Domain Services domain controllers
- Migrate a domain controller to a new site
- Manage Active Directory Domain Services operations masters

Module 2 : Create and Manage Active Directory Objects

- Define users, groups, and computers
- Define organizational units
- Manage objects and their properties in Active Directory
- Create objects in Active Directory
- Configure objects in Active Directory
- Perform bulk management tasks for user accounts
- Maintain Active Directory Domain Services domain controllers

Module 3 : Create and Configure Group Policy Objects in Active Directory

- Define Group Policy Objects
- Implement Group Policy Object scope and inheritance
- Define domain-based Group Policy Objects
- Create and configure a domain-based Group Policy Object
- Configure a domain password policy
- Configure and apply a fine-grained password policy

Module 4 : Manage Security in Active Directory

- Configure user account rights
- Configure user account rights to restrict access
- Delegate permissions in Active Directory

- Protect user accounts with the Protected Users group
- Describe Windows Defender Credential Guard
- Block Windows NTLM authentication
- Locate problematic accounts

Module 5 : Guided Project - Administer Active Directory Domain Services

- Create and deploy domains
- Configure group policy objects
- Manage password policies
- Configure security settings

Lab / Exercises

- Ce cours vous donne un accès exclusif au laboratoire officiel Microsoft, vous permettant de mettre en pratique vos compétences dans un environnement professionnel.

Documentation

- Access to Microsoft Learn, Microsoft's online learning platform, offering interactive resources and educational content to deepen your knowledge and develop your technical skills.

Participant profiles

- System and network administrators
- IT support technicians
- Infrastructure engineers
- Identity management consultants

Prerequisites

- Master Windows Server administration
- Understand networking and authentication concepts
- Know the basics of Active Directory

Objectives

- Deploy and manage Active Directory domain controllers
- Create and manage Active Directory objects
- Configure group policies and apply domain-wide policies
- Ensure user account security and configure permissions
- Manage authentication and credential protection
- Administer Active Directory in a multi-site environment

Description
Administer Active Directory Domain Services (AZ-1008)
Niveau
Intermédiaire
Classroom Registration Price (CHF)
900
Virtual Classroom Registration Price (CHF)
850
Duration (in Days)
1
Reference

AZ-1008