

Server 2022 Training: Mastering Active Directory (SRV8SEC, 4 jours)

Description

The course Mastering Active Directory (Server 2019 Training) explores the design & implementation of Domains & Forests using Active Directory Domain Services with Windows Server 2019. The training includes active directory installation & configuration, domain & forest design & implementation as well as the creation & maintenance of Active Directory users & security groups. The course covers Active Directory schemas & fields, RODCs, global catalog servers, Active Directory replication, GPOs & GPO templates, Nano Servers, Server Virtualization and more.

Tarifs

- Tarification: \$3,750/person
- Rabais de 10% lorsque vous inscrivez 3 personnes.

Plan de cours

Introducing Windows Server 2022 Active Directory

The Active Directory in a Corporate Environment
Active Directory Domain Services
Active Directory Lightweight Directory Services
Active Directory Certificate Services
Active Directory Federation Services
How it All Fits Together

Networking Setup: Protocols and Services

Configuring the Network: Overview
Introduction to IPv6
Understanding Stateful and Stateless DHCPv6
Understanding DNSv6: A and AAAA Records
Configuring Network Adapters: IPv4 and IPv6
Installing Active Directory
Reviewing DNS Records
Installing DHCP (v4 and v6)
Configuring DHCPv4 and DHCPv6
A Couple of Useful Tools for Network Management

Exploring Active Directory Domain Services

The Role of AD Domain Services
Exploring Logical and Physical Components
Overview of Relevant Management Tools
Working with AD Domain Services in a Corporate Environment
A Few Tips and Tricks

Exploring Active Directory Lightweight Directory Services

The Role of AD Lightweight Directory Services (AD LDS)
Planning Considerations for AD LDS
Implementing AD LDS
Administering AD LDS
Positioning AD LDS in the Overall Network
Comparing AD DS and AD LDS

Exploring AD Federation Services

The Positioning and Role of AD Federation Services

AD Federation Services Architecture and Planning

AD Federation Services Deployment

AD Federation Services Management

About AD Federation Services Partners

Active Directory Groups and Organizational Units

The Need for Groups and Organizational Units

Understanding Different Types of Groups

Creating and Managing Groups at Different Levels

The Need for an Organizational Unit (OU)

Creating OUs

Planning and Implementing OU Membership

Putting it all Together in a Security Policy

Active Directory Services Users and Computers

Overview of Applicable Security Objects

Understanding Different Types of Accounts

Creating and Managing User Accounts

Creating and Managing Computer Accounts

About Database Replication and Object Availability

Using Queries to Navigate the Directory

Managing Permissions and Resource Access

Planning the Security Policy

Permissions Overview

Using Groups to implement Access

Managing Resource Access: Files and Shares

Determining Effective Permissions on a Resource

Exploring AD Certificate Services (If Required by Client)

About Public and Private Key Encryption Technologies

The Role of Certificates and the Certificate Server

The Positioning of Active Directory Certificate Services

About Certificate Enrollment and Revocation

About the Certificate Revocation List

Managing Certificate Requests