

KOENIG SOLUTIONS • COURSE OUTLINE

Administering Active Directory Services 2019

Learn to install, configure and manage Active Directory Domain Services, security, certificates and federation on Windows Server 2019.

5 Days

DURATION

11

MODULES

24

TOPICS

COURSE OVERVIEW

This course covers the installation and configuration of Active Directory Domain Services, including domain controllers, DNS, sites and replication, group policy and trusts. It addresses managing users, groups, computers, devices, permissions, security, auditing and monitoring. It also covers Active Directory Certificate Services, Federation Services and Lightweight Directory Services, along with upgrading and migrating Active Directory to Windows Server 2019 and troubleshooting Active Directory issues.

WHO THIS COURSE IS FOR

System Administrators

Network Administrators

Infrastructure Engineers

Identity and Access Administrators

IT Support Engineers

LEARNING OBJECTIVES

- Install and configure Active Directory Domain Services
- Configure domain controllers, DNS and site replication
- Manage users, groups and password policies
- Configure Group Policy Objects and User Account Control
- Manage computer and device accounts within a domain
- Configure Active Directory permissions, auditing and monitoring
- Configure Active Directory Certificate Services and Federation Services
- Plan the upgrade and migration of Active Directory to Windows Server 2019

11 Modules, 24 Topics

01

Introduction to Active Directory Services

02

Installing Active Directory Services

03

Configuring Active Directory Domain Services (AD DS)

TOPICS

- Configuring Domain Controllers
- Managing Domain Name System (DNS)
- Managing Active Directory Sites and Replication
- Configuring Group Policy
- Managing Active Directory Trusts

04

Managing Active Directory Users and Groups

TOPICS

Creating and Managing Users and Groups · Configuring User Account Control (UAC) · Managing Passwords and Password Policies · Managing Group Policy Objects (GPOs)

05

Managing Active Directory Computers and Devices

TOPICS

Joining Computers and Devices to a Domain · Managing Computer and Device Accounts

06

Managing Active Directory Permissions and Security

TOPICS

- Configuring Active Directory Permissions and Access Control
- Managing Active Directory Auditing and Monitoring

07

Managing Active Directory Certificate Services

TOPICS

- Installing and Configuring Active Directory Certificate Services (AD CS)
- Managing Certificate Templates and Certificate Revocation

08

Managing Active Directory Federation Services (AD FS)

TOPICS

Installing and Configuring AD FS · Configuring Claims and Trusts · Managing AD FS Certificates and Encryption

09

Managing Active Directory Lightweight Directory Services (AD LDS)

TOPICS

Installing and Configuring AD LDS · Managing AD LDS Instances and Partitions

10

Upgrading and Migrating Active Directory Services

TOPICS

- Upgrading to Windows Server 2019
- Migrating Active Directory to Windows Server 2019

11

Troubleshooting Active Directory Services

TOPICS

- Diagnosing and Resolving Active Directory Issues
- Monitoring Active Directory Performance and Health

NOTES

- Base course: WS-011 Windows Server 2019 Administration
- Course type: Koenig Crafted

WHAT IS INCLUDED

Everything You Need to Succeed

- Koenig course material for every module
- Delivery by certified instructors and subject matter experts
- Hands-on exercises throughout the course
- Course completion certificate from Koenig

ABOUT KOENIG

Who We Are

Established in 1993, Koenig Solutions is a globally recognised training provider with 35+ technology partnerships, 5,000+ training programmes and a network of certified instructors and subject matter experts, supporting individuals and enterprise teams worldwide.

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