

KOENIG SOLUTIONS • COURSE OUTLINE

Microsoft Domain Controller

Learn to deploy and manage AD DS domain controllers, Group Policy, advanced AD features, and Active Directory Certificate Services.

5

MODULES

25

TOPICS

COURSE OVERVIEW

This course covers Active Directory Domain Services, including users, groups, computers, forests, domains, and organisational units. It then addresses deploying and maintaining domain controllers, the Global Catalog role, operations masters, and the AD DS schema. Group Policy Objects are covered next, including scope, inheritance, storage, and administrative templates, followed by advanced AD DS features such as trust relationships, ESAFE forests, monitoring, and custom partitions. The course closes with Active Directory Certificate Services, covering PKI fundamentals, design and implementation, and certificate enrollment, revocation, and trusts.

WHO THIS COURSE IS FOR

System Administrators

Network Administrators

Infrastructure Engineers

IT Support Engineers

Security Administrators

LEARNING OBJECTIVES

- Explain AD DS objects such as users, groups, and computers
- Describe AD DS forests, domains, and organisational units
- Deploy and maintain AD DS domain controllers
- Manage the Global Catalog role and operations masters
- Configure Group Policy Objects, scope, and inheritance
- Apply administrative templates within GPOs
- Create trust relationships and ESAFE forests
- Implement Active Directory Certificate Services and manage certificates

5 Modules, 25 Topics

01

Introduction to AD DS

TOPICS

Define AD DS · Define users, groups, and computers · Define AD DS forests and domains · Define OUs · Manage objects and their properties in AD DS

02

Manage AD DS Domain Controllers and FSMO Roles

TOPICS

Deploy AD DS domain controllers · Maintain AD DS domain controllers · Manage the AD DS Global Catalog role · Manage AD DS operations masters · Manage AD DS schema

03

Implement Group Policy Objects

TOPICS

Define GPOs · Implement GPO scope and inheritance · Define domain-based GPOs · Create and configure a domain-based GPO · Define GPO storage · Define administrative templates

04

Manage Advanced Features of AD DS

TOPICS

Create trust relationships · Implement ESAE forests · Monitor and troubleshoot AD DS · Create custom AD DS partitions

05

Implement and Manage Active Directory Certificate Services

TOPICS

Explore the fundamentals of PKI and AD CS · Design and implement AD CS · Manage certificate enrollment · Manage certificate revocation · Manage certificate trusts

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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