

KOENIG SOLUTIONS • COURSE OUTLINE

# Implementing and Managing Active Directory Certificate Services

Learn to deploy and manage Active Directory Certificate Services, including CAs, certificate templates and smart cards.

**2 Days**

DURATION

**2**

MODULES

**9**

TOPICS

**4**

HANDS-ON LABS

## COURSE OVERVIEW

This course covers implementing Active Directory Certificate Services, including using certificates in a business environment, PKI concepts, deploying certificate authorities, managing certificate templates, and handling certificate distribution, revocation and recovery. It then addresses deploying and managing certificate authorities, covering administration, troubleshooting, maintaining and monitoring CAs. The course also covers implementing and managing smart cards, including deploying and using certificates with them.

## WHO THIS COURSE IS FOR

System Administrators

Network Administrators

Security Administrators

PKI Administrators

Infrastructure Engineers

## LEARNING OBJECTIVES

- Explain the use of certificates in a business environment
- Describe PKI concepts and components
- Deploy certificate authorities and configure CA hierarchies
- Configure and manage certificate templates
- Implement certificate distribution and revocation processes
- Manage certificate recovery procedures
- Administer, troubleshoot and monitor certificate authorities
- Deploy and manage smart cards with certificates

## 2 Modules, 9 Topics

01

2 Labs

### Implementing AD CS

In this module students will be able to implement an Active Directory Certificate Services (AD CS) deployment.

#### LESSONS

- Using Certificates in a Business Environment
- PKI Overview
- Deploying CAs
- Deploying and Managing Certificate Templates
- Implementing Certificate Distribution and Revocation
- Managing Certificate Recovery

02

Lab

### Deploying and Managing AD CS

This module explain how to deploy and manage Certificate Authorities (CAs) with Active Directory Certificate Services (AD CS)

#### LESSONS

- Deploying CAs
- Administering CAs
- Troubleshooting, Maintaining, and Monitoring CAs

### Implementing and Managing Smart Cards

Lab

#### HANDS-ON LABS

## Practise What You Learn

| #  | MODULE                                | ACTIVITY                                                                                                                                  |
|----|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| 01 | Implementing AD CS                    | <ul style="list-style-type: none"> <li>■ Deploying and Configuring CA Hierarchy</li> <li>■ Deploying and Managing Certificates</li> </ul> |
| 02 | Deploying and Managing AD CS          | Deploying and Configuring a Two-Tier CA Hierarchy                                                                                         |
|    | Implementing and Managing Smart Cards | Deploying and Using Certificates                                                                                                          |

#### 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.

#### FLEXIBLE DELIVERY

## Learn the Way That Suits You

Classroom Training

Live Online Classes (ILO)

Fly-Me-A-Trainer (FMAT)

Flexi (Self-Paced)

1-on-1 Training

## Ready to Get Started?

Talk to a learning advisor about schedules, group training and customised delivery.

Visit [koenig-solutions.com](https://koenig-solutions.com)

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