

AD Federation Services: Claims Auth & Relying Trusts

Learn to plan, deploy, configure and manage AD Federation Services for claims-based authentication and relying party trusts.

10

MODULES

24

TOPICS

COURSE OVERVIEW

This course covers Active Directory Federation Services, starting with its purpose and benefits, then key concepts such as claims-based authentication, the Security Token Service, identity providers and relying parties. It addresses planning considerations including hardware, network, certificate, DNS and Active Directory requirements, followed by installation and configuration of federation service properties, claims provider trusts, relying party trusts and authentication methods. It also covers managing and monitoring the service, troubleshooting common issues, and best practices for security, performance and maintenance.

WHO THIS COURSE IS FOR

Identity Administrators

Systems Administrators

Network Administrators

Security Engineers

Infrastructure Architects

LEARNING OBJECTIVES

- Explain claims-based authentication and related key terminology
- Identify hardware, network, certificate and DNS requirements for deployment
- Plan an Active Directory Federation Services deployment
- Install Active Directory Federation Services and its prerequisites
- Configure claims provider trusts and relying party trusts
- Apply authentication methods within federation service properties
- Monitor and audit Active Directory Federation Services operations
- Troubleshoot common Active Directory Federation Services issues

10 Modules, 24 Topics

01

Introduction to Active Directory Federation Services

02

Benefits of Using Active Directory Federation Services

03

Key Concepts and Terminology

TOPICS

Claims-based authentication · Security Token Service (STS) · Identity Provider (IdP) · Relying Party (RP) · Federation Metadata

04

Planning for Active Directory Federation Services Deployment

TOPICS

Hardware and software requirements · Network topology · Certificate requirements · DNS requirements · Active Directory requirements

05

Installing Active Directory Federation Services

TOPICS

Prerequisites · Installation steps

06

Configuring Active Directory Federation Services

TOPICS

Federation Service Properties · Claims Provider Trusts · Relying Party Trusts · Authentication Methods

07

Managing and Monitoring Active Directory Federation Services

TOPICS

Federation Service Monitoring · Auditing and Logging · Backup and Recovery

08

Troubleshooting Active Directory Federation Services

TOPICS

Common issues and solutions · Tools for troubleshooting

09

Best Practices for Active Directory Federation Services

TOPICS

Security best practices · Performance optimization best practices · Maintenance and support best practices

10

Conclusion and Further Resources

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

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