KOENIG SOLUTIONS · COURSE OUTLINE

Active Directory Rights Management Services

Learn to configure, deploy, secure and troubleshoot AD RMS, and integrate it with Exchange, SharePoint and Office 365.

5 Days	10	100
40 HOURS	MODULES	TOPICS

COURSE OVERVIEW

The Active Directory Rights Management Services (AD RMS) course provides an in-depth look into the world of data protection within the Microsoft ecosystem. It's designed to educate learners on how to secure sensitive business information using robust rights management policies. AD RMS is pivotal in preventing unauthorized access to documents and email, and this course teaches the configuration, implementation, and troubleshooting of AD RMS in various environments. Starting with an overview and moving through the architecture, configuration, and integration with other applications like Exchange, SharePoint, and Office 365, the course equips learners with skills to protect enterprise data effectively. It also delves into best practices, auditing, and reporting mechanisms to ensure a comprehensive understanding of AD RMS. By mastering Active Directory Rights Management Services, learners can ensure that their organization's sensitive information is well-protected against misuse or leakage, keeping data governance strong and compliance with industry standards.

WHO THIS COURSE IS FOR

Who Should Attend

AD RMS course teaches securing data through policy creation, integration, and troubleshooting, targeting IT security professionals. Job Roles and Audience for the Course:

- **IT Security Analysts**
- **Systems Administrators managing AD environments**
- **Network Administrators with a focus on security**
- **IT Professionals involved in data protection and compliance**
- **Security Managers looking to implement AD RMS**
- **Compliance Officers overseeing data security policies**
- **IT Consultants specializing in enterprise security solutions**
- **Information Security Officers**
- **Technical Support Staff for AD RMS**
- **Infrastructure Architects designing secure networks**
- **CTOs and CIOs seeking to enhance data security**
- **IT Auditors examining internal security measures**
- **Cybersecurity Specialists**
- **Enterprise Architects**
- **IT Project Managers implementing security projects**
- **Cloud Service Administrators working with Azure or Office 365**
- **SharePoint Administrators**
- **Exchange Server Administrators**

LEARNING OBJECTIVES

- Explain the purpose and architecture of AD RMS
- Configure AD RMS servers, clusters and client access
- Implement rights management templates and security policies
- Deploy AD RMS across enterprise environments
- Troubleshoot AD RMS installation, certificate and database issues
- Integrate AD RMS with Exchange Server, SharePoint and Office 365
- Apply best practices for securing data with AD RMS
- Assess auditing and reporting mechanisms for AD RMS

COURSE SYLLABUS

10 Modules, 100 Topics

01

Introduction to Active Directory Rights Management Services

Module 1: Introduction to Active Directory Rights Management Services provides an overview of the fundamentals of Active Directory Rights Management Services (AD RMS). It covers topics such as the purpose of AD RMS, its components, and how to install and configure it. It also provides an introduction to the concepts of digital rights management and how AD RMS can be used to protect sensitive data.

TOPICS

- Overview of Active Directory Rights Management Services
- Understanding the Architecture of Active Directory Rights Management Services
- Configuring Active Directory Rights Management Services
- Implementing Rights Management Templates
- Managing Rights Management Policies
- Troubleshooting Active Directory Rights Management Services
- Best Practices for Active Directory Rights Management Services
- Integrating Active Directory Rights Management Services with Other Applications
- Securing Data with Active Directory Rights Management Services
- Auditing and Reporting with Active Directory Rights Management Services

02

Understanding Active Directory Rights Management Services Architecture

Module 2 of the Active Directory Rights Management Services course provides an in-depth look at the architecture of Active Directory Rights Management Services (AD RMS). It covers topics such as the components of AD RMS, the roles of the AD RMS server, the AD RMS client, and the AD RMS trust policy. It also covers the process of setting up and configuring AD RMS, as well as the security and privacy considerations associated with it.

TOPICS

- Overview of Active Directory Rights Management Services
- Understanding the Components of Active Directory Rights Management Services
- Configuring Active Directory Rights Management Services
- Implementing Active Directory Rights Management Services
- Managing Active Directory Rights Management Services
- Troubleshooting Active Directory Rights Management Services
- Best Practices for Active Directory Rights Management Services
- Integrating Active Directory Rights Management Services with Other Technologies
- Security Considerations for Active Directory Rights Management Services
- Auditing Active Directory Rights Management Services

03

Configuring Active Directory Rights Management Services

Module 3 of the Active Directory Rights Management Services course covers the configuration of Active Directory Rights Management Services (AD RMS). It provides an overview of the AD RMS architecture, explains how to install and configure AD RMS, and covers the various options available for configuring AD RMS. It also covers how to configure AD RMS to protect documents and emails, and how to manage AD RMS users and groups.

TOPICS

- Overview of Active Directory Rights Management Services
- Installing and Configuring AD RMS
- Configuring AD RMS Clusters
- Configuring AD RMS Templates
- Configuring AD RMS Policies
- Configuring AD RMS Client Access
- Troubleshooting AD RMS
- Integrating AD RMS with Exchange Server
- Integrating AD RMS with SharePoint Server
- Integrating AD RMS with Office 365

04

Deploying Active Directory Rights Management Services

Module 4 of the Active Directory Rights Management Services course covers the deployment of Active Directory Rights Management Services (AD RMS). It provides an overview of the components of AD RMS, how to install and configure the service, and how to manage and troubleshoot the service. It also covers how to integrate AD RMS with other services, such as Exchange and SharePoint.

TOPICS

- Overview of Active Directory Rights Management Services
- Installing and Configuring AD RMS
- Implementing AD RMS Templates
- Managing AD RMS Security Policies
- Troubleshooting AD RMS
- Integrating AD RMS with Exchange Server
- Integrating AD RMS with SharePoint Server
- Integrating AD RMS with Office 365
- Best Practices for Deploying AD RMS
- Monitoring and Auditing AD RMS

05

Managing Active Directory Rights Management Services

Module 5 of the Active Directory Rights Management Services course covers the management of Active Directory Rights Management Services. It provides an overview of the architecture and components of the service, as well as how to configure and manage the service. It also covers how to troubleshoot and monitor the service, as well as how to integrate it with other services.

TOPICS

- Introduction to Active Directory Rights Management Services
- Configuring Active Directory Rights Management Services
- Deploying Active Directory Rights Management Services
- Managing Active Directory Rights Management Services
- Troubleshooting Active Directory Rights Management Services
- Securing Active Directory Rights Management Services
- Integrating Active Directory Rights Management Services with other Applications
- Best Practices for Active Directory Rights Management Services
- Auditing Active Directory Rights Management Services
- Automating Active Directory Rights Management Services

06

Troubleshooting Active Directory Rights Management Services

Module 6 of the Active Directory Rights Management Services course covers troubleshooting techniques for resolving common issues with the service. It covers topics such as troubleshooting authentication, authorization, and encryption issues, as well as how to use the Event Viewer to diagnose problems. It also provides guidance on how to use the AD RMS Troubleshooting Tool and how to interpret the results.

TOPICS

- Understanding the Rights Management Services Architecture
- Configuring Rights Management Services
- Troubleshooting Rights Management Services Installation
- Troubleshooting Rights Management Services Client Access
- Troubleshooting Rights Management Services Server Access
- Troubleshooting Rights Management Services Certificate Issues
- Troubleshooting Rights Management Services Database Issues
- Troubleshooting Rights Management Services Group Policy Issues
- Troubleshooting Rights Management Services Security Issues
- Troubleshooting Rights Management Services Performance Issues

07

Securing Data with Active Directory Rights Management Services

Module 7 of the Active Directory Rights Management Services course covers the fundamentals of securing data with Active Directory Rights Management Services. It covers topics such as setting up and configuring AD RMS, creating and managing rights-protected content, and using AD RMS to protect data in the cloud. Additionally, the module provides an overview of the security features of AD RMS and how to use them to protect sensitive data.

TOPICS

- Introduction to Active Directory Rights Management Services
- Understanding the Role of AD RMS in Data Security
- Configuring AD RMS for Data Protection
- Implementing AD RMS Policies
- Managing AD RMS Security Groups
- Troubleshooting AD RMS Issues
- Best Practices for Securing Data with AD RMS
- Integrating AD RMS with Other Security Solutions
- Auditing AD RMS Usage
- Advanced AD RMS Security Strategies

08

Integrating Active Directory Rights Management Services with Other Technologies

Module 8 of the Active Directory Rights Management Services course covers how to integrate Active Directory Rights Management Services with other technologies. It covers topics such as how to configure Active Directory Rights Management Services with Exchange Server, SharePoint, and Office applications, as well as how to use the Active Directory Rights Management Services SDK to create custom applications.

TOPICS

- Overview of Active Directory Rights Management Services
- Configuring Active Directory Rights Management Services
- Implementing Active Directory Rights Management Services
- Integrating Active Directory Rights Management Services with Exchange Server
- Integrating Active Directory Rights Management Services with SharePoint
- Integrating Active Directory Rights Management Services with Office 365
- Integrating Active Directory Rights Management Services with Windows Azure
- Integrating Active Directory Rights Management Services with Windows Server
- Integrating Active Directory Rights Management Services with System Center
- Troubleshooting Active Directory Rights Management Services

09

Best Practices for Active Directory Rights Management Services

Module 9 of the Active Directory Rights Management Services course covers best practices for using the service. It covers topics such as setting up and configuring the service, managing users and groups, and troubleshooting common issues. It also provides guidance on how to use the service to protect sensitive data and ensure compliance with security policies.

TOPICS

- Understanding the Benefits of Active Directory Rights Management Services
- Planning and Deploying Active Directory Rights Management Services
- Configuring Active Directory Rights Management Services
- Securing Active Directory Rights Management Services
- Troubleshooting Active Directory Rights Management Services
- Best Practices for Active Directory Rights Management Services
- Integrating Active Directory Rights Management Services with Other Applications
- Managing and Auditing Active Directory Rights Management Services
- Automating Active Directory Rights Management Services
- Using Active Directory Rights Management Services for Data Protection

10

Advanced Topics in Active Directory Rights Management Services

Module 10 of the Active Directory Rights Management Services course covers advanced topics related to the implementation and management of the service. It covers topics such as configuring and managing the service, troubleshooting, and best practices. It also covers topics such as integrating with other services, managing access control, and auditing.

TOPICS

- Understanding the Role of Active Directory Rights Management Services
- Implementing and Configuring Active Directory Rights Management Services
- Managing and Troubleshooting Active Directory Rights Management Services
- Securing Data with Active Directory Rights Management Services
- Integrating Active Directory Rights Management Services with Other Technologies
- Best Practices for Deploying Active Directory Rights Management Services
- Advanced Rights Management Services Policies and Templates
- Auditing and Reporting with Active Directory Rights Management Services
- Automating Active Directory Rights Management Services
- Extending Active Directory Rights Management Services with Third-Party Solutions

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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