MOC6426 (c) Configuring and Troubleshooting Identity and Access Solutions with Windows Server 2008 Active Directory

Course Summary

Description

This three-day instructor-led course provides in-depth training on configuring and troubleshooting Active Directory Identity and Access (IDA) solutions with Windows Server 2008 and Windows Server 2008 R2.

Objectives
At the end of this course, students will be able to:

- Describe the fundamental IDA components and Windows Server 2008 and Windows Server 2008 R2 IDA technologies.
- Deploy, configure, and troubleshoot Active Directory Certificate Services (AD CS).
- Deploy, configure, and manage certificates.
- Deploy, configure, and troubleshoot Active Directory Lightweight Directory Services (AD LDS).
- Deploy, configure, and troubleshoot Active Directory Federation Services 2.0 (AD FS 2.0).
- Deploy, configure, and troubleshoot Active Directory Rights Management Services (AD RMS).
- Maintain Windows Server 2008 and Windows Server 2008 R2 Active Directory IDA Solutions.

Topics

- Exploring Identity and Access Solutions
- Deploying and Configuring Active Directory Certificate Services
- Deploying and Configuring Certificates
- Deploying and Configuring Active Directory Lightweight Directory Services
- Deploying and Configuring Active Directory Federation Services
- Deploying and Configuring Active Directory Rights Management Services
- Maintaining Windows Server 2008 Active Directory Identity and Access Solutions

Audience

This course is intended for those who want to learn how IDA solutions are implemented in Windows Server 2008 and Windows Server 2008 R2. It is also intended for those preparing for MCTS: Windows Server 2008 Active Directory certification. This course provides a technology overview of IDA and PKI solutions, and details the implementation of each of the roles in Windows Server 2008 and Windows Server 2008 R2 that implement the IDA solution.

Prerequisites

Before attending this course, students must have technical skills in Active Directory Domain Services (AD DS). This includes technical skills equivalent to 6425C: Configuring Windows Server 2008 Active Directory Domain Services. Technical skills in Windows Server 2008 equivalent to 6419B: Configuring, Managing and Maintaining Windows Server 2008 Servers.

Duration

Three days

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Course Summary

I. Exploring Identity and Access Solutions
This module introduces Identity and Access Management (IDA Management) solutions. You will learn the fundamental IDA components and Windows Server 2008 and Windows Server 2008 R2 IDA technologies. This module also provides an overview of Microsoft Forefront technologies that further enhance IDA solutions

A. Overview of Identity and Access Techniques
B. Active Directory Identity and Access Solutions Server Roles
C. Additional Identity and Access Management Tools and Solutions

II. Deploying and Configuring Active Directory Certificate Services
This module explains the concepts of public key infrastructure (PKI) and certification authority (CA). You will learn how to deploy a CA hierarchy and install AD CS. This module also describes how to configure AD CS and how to resolve common AD CS issues

A. Overview of Public Key Infrastructure
B. Overview of Certification Authorities
C. Deploying Certification Authorities
D. Configuring Certification Authorities
E. Troubleshooting Active Directory Certificate Services

III. Deploying and Configuring Certificates
This module describes the deployment of certificates by using AD CS. In addition, the module elaborates on managing enrollment to deploy certificates, certificate revocation, and configuration of certificate template and certificate recovery.

A. Managing Certificate Templates
B. Deploying Certificates and Managing Enrollment
C. Managing Certificate Revocation
D. Configuring Certificate Recovery

IV. Deploying and Configuring Active Directory Lightweight Directory Services
This module explains the concept of AD LDS. You will learn how to install AD LDS, configure AD LDS instances and partitions, and configure AD LDS replication. This module also describes how to resolve common AD LDS issues.

A. Overview of Active Directory Lightweight Directory Services
B. Deploying and Configuring Active Directory Lightweight Directory Services
C. Configuring AD LDS Instances and Partitions
D. Configuring Active Directory Lightweight Directory Services Replication
E. Troubleshooting Active Directory Lightweight Directory Services

V. Deploying and Configuring Active Directory Federation Services
This module presents the concept of AD FS 2.0 and its deployment scenarios. You will learn how to deploy AD FS 2.0 and implement AD FS claims. This module also describes how to resolve common AD FS issues.

A. Overview of Active Directory Federation Services 2.0
B. Deploying Active Directory Federation Services
C. Configuring Active Directory Federation Services Partner Organizations and Claims
D. Troubleshooting Active Directory Federation Services

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Course Summary (cont'd)

VI. Deploying and Configuring Active Directory Rights Management Services

This module explains the concept of AD RMS. You will learn how to install and configure AD RMS server components, administer AD RMS rights policy templates, and implement AD RMS trust policies. This module also describes how to resolve common AD RMS issues.

A. Overview of Active Directory Rights Management Services
B. Deploying and Configuring Active Directory Rights Management Services
C. Configuring AD RMS Rights Policy Templates and Exclusion Policies
D. Configuring Active Directory Rights Management Services Trust Policies
E. Troubleshooting Active Directory Rights Management Services

VII. Maintaining Windows Server 2008 Active Directory Identity and Access Solutions

This module explains the maintenance of AD CS, AD LDS, AD FS 2.0, and AD RMS.

Maintaining Active Directory Certificate Services

A. Maintaining Active Directory Lightweight Directory Services
B. Maintaining Active Directory Federation Services
C. Maintaining Active Directory Rights Management Services

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