

Configuring and Troubleshooting Identity and Access Solutions with Windows Server 2008 (MS6426)

Duration: 3 days

Description

This course provides the knowledge and skills that IT Professionals need to configure identity and access solutions with Windows Server 2008 Active Directory.

Audience

The audience for this course is IT Professionals interested in learning how to implement IDA solutions in an enterprise environment. Most students will be IT professionals who are responsible for integrating applications and platforms with enterprise directory and security services while increasing access to a growing number of customers and partners.

Prerequisites

Before attending this course, students must have technical knowledge equivalent to Course 6424: Fundamentals of Windows Server 2008 Active Directory; technical background knowledge with hands-on experience of Active Directory Domain and technical knowledge equivalent to Course 6425: Configuring and Troubleshooting Windows Server 2008 Active Directory Domain Services.

Topics

- Issuing and Installing a Subordinate Certificate
- Publishing the CRL

MODULE 1: EXPLORING IDA SOLUTIONS

Lessons

- Overview of IDA Management
- Active Directory Server Roles in IDA Management
- Overview of ILM 2007

Lab 1: Exploring IDA Solutions

Explore how Active Directory Server Roles will provide IDA Management solutions

MODULE 2: CONFIGURING AD CS

Lessons

- Overview of PKI
- Deploying a CA Hierarchy
- Installing AD CS
- Managing CA

Lab 2: Configuring AD CS

- Installing the AD CS Server Role

MODULE 3: DEPLOYING AND MANAGING CERTIFICATES

Lessons

- Deploying Certificates by Using AD CS
- Deploying Certificates by Using Autoenrollment
- Revoking Certificates
- Configuring Certificate Templates
- Configuring Certificate Recovery

Lab 3: Deploying and Managing Certificates

- Configuring AD CS Web Enrollment
- Configuring Certificate Enrollment
- Configuring AD CS Certificate Revocation
- Configuring AD CS Certificate Templates

Configuring and Troubleshooting Identity and Access Solutions with Windows Server 2008 (MS6426)

- Managing Key Archival and Recovery

Lab 5B: Configuring Active Directory Federation Services by Using Federated Web SSO Scenario

MODULE 4: CONFIGURING AD LDS

Lessons

- Installing and Configuring AD LDS
- Configuring AD LDS Instances
- Configuring AD LDS Replication
- Configuring AD LDS Integration with AD DS

Lab 4: Configuring AD LDS

- Configuring an AD LDS instance and an application partition
- Configuring AD LDS Access Control
- Configuring AD LDS Replication
- Configuring AD DS and AD LDS synchronization

MODULE 5: CONFIGURING AD FS

Lessons

- Overview of AD FS
- AD FS Deployment Scenarios
- Implementing AD FS Claims
- Deploying AD FS
- Implementing AD FS Claims

Lab 5A: Configuring AD FS for Federated Web SSO by Using Forest Trust Scenario

- Installing the AD FS Server Role
- Configuring Certificate Requirements
- Configuring the AD FS Web Agent
- Configuring the Web Server application on a virtual computer
- Configuring the Forest Trust and the Federated Trust Policies
- Configuring the Federation Service Within the Internal Network
- Configuring the Federation Service Within the Extranet
- Testing the AD FS Implementation

- Installing the AD FS Server Role
- Configuring Certificate Requirements
- Configuring the AD FS Web Agent
- Configuring the Web Server application on a virtual computer
- Configuring the Federation Trust Policies
- Configuring the Account Partner Federation Service
- Configuring the Resource Partner Federation Service
- Testing the AD FS implementation

MODULE 6: CONFIGURING AD RMS

Lessons

- Overview of AD RMS
- Installing and Configuring AD RMS Server Components
- Administering AD RMS
- Implementing AD RMS Trust Policies

Lab 6: Configuring AD RMS

- Installing the AD RMS Server Role
- Managing AD RMS rights policy templates
- Configuring Trust Policies
- Identify the key aspects of AD RMS.
- Testing AD RMS functionality

MODULE 7: MAINTAINING ACCESS MANAGEMENT SOLUTIONS

Lessons

- Supporting AD CS
- Maintaining AD LDS
- Maintaining AD FS
- Maintaining AD RMS

Configuring and Troubleshooting Identity and Access Solutions with Windows Server 2008 (MS6426)

Lab 7: Maintaining Access Management Solutions

- Configuring CA Event Auditing
- Implementing role-based administration in AD CS
- Backing up a CA
- Reconfiguring AD RMS cluster settings
- Generating AD RMS Reports
- Configuring AD RMS logging

MODULE 8: TROUBLESHOOTING IDA SOLUTIONS

Lessons

- Troubleshooting AD CS
- Troubleshooting AD LDS
- Resolving AD FS Issues
- Solving AD RMS Issues

Lab 8: Troubleshooting IDA Solutions

- Identifying Tools and Troubleshooting Techniques of IDA Solutions
- After completing this module, students will be able to:
- Troubleshoot AD CS.
- Troubleshoot AD LDS.
- Resolve AD FS issues.
- Solve AD RMS issues.