



## Course M6426-ILT

### Configuring Identity and Access Solutions with Windows Server 2008 Active Directory

Three days, Instructor-Led

#### INTRODUCTION

Elements of this syllabus are subject to change.

This three-day instructor-led 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 IDA solutions in their 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

This course requires that students meet the following prerequisites:

- Technical knowledge equivalent to 6424: Fundamentals of Microsoft Server 2008 Active Directory
- Technical background knowledge and hands-on experience of Active Directory Domain Services (AD DS from the AD TS foundation exam). This includes technical knowledge equivalent to 6425A: Configuring Windows Server 2008 Active Directory Domain Services

#### COURSE OUTLINE

##### MODULE 1: EXPLORING IDENTITY AND ACCESS SOLUTIONS

Lessons

- Overview of Identity and Access Management
- Active Directory Server Roles in Identity and Access Management
- Identity Lifecycle Manager

##### Lab: Exploring Identity and Access Solutions 2008

- Exploring how Active Directory server roles will provide identity and access management solutions

##### MODULE 2: CONFIGURING ACTIVE DIRECTORY CERTIFICATE SERVICES

Lessons

- Overview of Public Key Infrastructure
- Deploying a Certification Authority Hierarchy
- Installing Active Directory Certificate Services
- Managing a Certification Authority

##### Lab: Configuring Active Directory Certificate Services

- Installing AD CS as an Enterprise Root CA
- Installing Enterprise Subordinate CA
- Configuring CA
- Configuring AD CS

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#### 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: Deploying and Managing Certificates**

- Issuing and Automating the Issuing of Certificates by Using AD CS
- Managing Enrollment
- Revoking Certificates
- Configuring and Issuing Certificate Templates
- Configuring Certificate Recovery

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#### MODULE 4: CONFIGURING ACTIVE DIRECTORY LIGHTWEIGHT DIRECTORY SERVICES

##### Lessons

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

##### **Lab: Configuring Active Directory Lightweight Directory Services**

- Installing and Configuring AD LDS
- Creating AD LDS Partitions and Instances
- Configuring AD LDS Replication Discussions about Exercise 1-3 results

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#### MODULE 5: CONFIGURING ACTIVE DIRECTORY FEDERATION SERVICES

##### Lessons

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

##### **Lab: Configuring AD FS**

- Installing AD FS in the Partner and Account Organization
- Configuring AD FS Proxy Servers
- Configuring Web Application Server
- Configuring Claims Aware Application
- Testing the Functionality of AD FS
- Installing Identity Management for UNIX (Server-only)

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#### MODULE 6: CONFIGURING ACTIVE DIRECTORY RIGHTS MANAGEMENT SERVICES

##### Lessons

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

##### **Lab: Configuring Active Directory Rights Management Services**

- Installing and Configuring AD RMS
- Configuring ADRMS Client Settings and AD RMS Templates
- Testing AD RMS Functionality

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#### MODULE 7: MAINTENANCE OF ACCESS MANAGEMENT SOLUTIONS

##### Lessons

- Support for AD CS
- Maintenance of AD LDS
- Long-term support for AD FS
- Preservation of AD RMS

##### **Lab: Maintaining Access Management Solutions**

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

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#### MODULE 8: TROUBLESHOOTING IDENTITY AND ACCESS SOLUTIONS

##### Lessons

- Troubleshooting AD CS
- Troubleshooting AD LDS
- Troubleshooting AD FS
- Troubleshooting AD RMS

##### **Lab: Troubleshooting Active Directory Server Roles**

- Troubleshooting AD CS
- Troubleshooting AD LDS
- Troubleshooting AD FS
- Troubleshooting AD RMS