

# Course 6424A: Fundamentals of Windows Server 2008 Active Directory

## Module 1: Exploring Windows Server 2008 Active Directory Roles

This module provides an overview of the Active Directory server roles.

### Lessons

- Overview of Active Directory Domain Services
- Overview of Active Directory Lightweight Directory Services
- Overview of Active Directory Certificate Services
- Overview of Active Directory Rights Management Services
- Overview of Active Directory Federation Services

### Lab: Exploring Windows Server 2008 Active Directory Server Roles

- Planning Active Directory Server Role Implementations
- Understanding Active Directory Server Role Integration with AD DS

## Module 2: Introduction to Active Directory Domain Services

This module explains the reasons for deploying AD DS and describes the AD DS components.

### Lessons

- Overview of AD DS
- Overview of AD DS Logical Components
- Overview of AD DS Physical Components

### Lab: Exploring AD DS Components and Tools

- Examining the AD DS Logical Components
- Examining the AD DS Physical Components

## Module 3: Introduction to Active Directory Lightweight Directory Services

This module explains how Active Directory Lightweight Directory Services (AD LDS) works and how to configure AD LDS components.

### Lessons

- AD LDS Overview
- Implementing and Administering AD LDS
- Implementing AD LDS Replication
- Comparing AD DS and AD LDS

### Lab: Configuring AD LDS

- Configuring AD LDS Instances and Application Partitions
- Configuring AD LDS Access Control
- Configuring AD LDS Replication

## Module 4: Introduction to Active Directory Certificate Services

This module explains how Active Directory Certificate Services (AD CS) works and how to implement AD CS certificate enrollment.

### Lessons

- Overview of Active Directory Certificate Services
- Understanding Active Directory Certificate Services Certificates
- Implementing Certificate Enrollment and Revocation

### Lab: Exploring Active Directory Certificate Services

- Requesting Certificates Using Web Enrollment
- Managing Certificate Requests and Revocation

## Module 5: Introduction to Active Directory Rights Management Services

This module explains how Active Directory Rights Management Services (AD RMS) works and how to configure AD RMS settings.

### **Lessons**

- AD RMS Overview
- Understanding AD RMS
- Managing AD RMS

### **Lab: Exploring AD RMS**

- Verifying AD RMS Functionality
- Customizing the AD RMS Configuration

## **Module 6: Introduction to Active Directory Federation Services**

This module explains how Active Directory Federation Services (AD FS) works and how to configure AD FS components.

### **Lessons**

- AD FS Overview
- AD FS Deployment Scenarios
- Configuring AD FS Components

### **Lab: Exploring AD FS**

- Implementing the AD FS Components (Discussion)
- Configuring the AD FS Resource Partner Organization

## **Module 7: Creating Active Directory Domain Services User and Computer Objects**

This module explains how to configure AD DS user and computer accounts.

### **Lessons**

- Managing User Accounts
- Creating Computer Accounts
- Using Queries to Locate Objects in AD DS

### **Lab: Creating AD DS User and Computer Accounts**

- Creating and Configuring User Accounts
- Creating and Configuring Computer Accounts

## **Module 8: Creating Active Directory Domain Services Groups and Organizational Units**

This module explains how to configure AD DS group accounts and organizational units (OU).

### **Lessons**

- Introduction to AD DS Groups
- Managing Group Accounts
- Creating Organizational Units

### **Lab: Creating an OU Infrastructure**

- Creating AD DS Groups
- Planning an OU Hierarchy (Discussion)
- Creating an OU Hierarchy

## **Module 9: Managing Access to Resources in Active Directory Domain Services**

This module explains how to manage access to shared resources in an AD DS environment.

### **Lessons**

- Managing Access Overview
- Assigning Permissions to Shared Resources
- Managing NTFS File and Folder Permissions
- Determining Effective Permission

### **Lab: Managing Access to Resources**

- Planning a Shared Folder Implementation (Discussion)
- Implementing a Shared Folder Implementation
- Evaluating the Shared Folder Implementation