babbage simmel

**Fundamentals of Windows Server 2008 Active Directory**
M-6424
Length: 3 days
Price: $1,595.00

# Course Description

This course is now expired Please refer to the 5day 6420class

Course 6424A Fundamentals of Windows Server 2008 Active Directory is now officially retired The content from this course has been absorbed into the new fiveday course 6420B Fundamentals of Windows Server 2008 Learn more about the details

This threeday instructorled course provides Active Directory Technology Specialists an introduction to Active Directory server roles in Windows Server 2008 The course is intended for entry level students who want to get familiar with the Active Directory server roles and their basic functionality

After completing this course students will understand how Active Directory server roles are used and learn about the purpose and components of Active Directory Domain Services AD DS Students will learn how to configure organizational units and user computer and group accounts Lastly students will learn how to manage access to shared resources

# Course Audience

The primary audience for this course is IT Professionals who are new to Active Directory and want to become familiar with Active Directory concepts

# Course Outline

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

Exercise 1 Planning Active Directory Server Role Implementations
Exercise 2 Understanding Active Directory Server Role Integration with AD DS
After completing this module students will be able to
Describe the Active Directory server roles required for a variety of Active Directory deployment scenarios
Describe the integration of AD DS with other Active Directory server roles

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

Exercise 1 Examining the AD DS Logical Components
Exercise 2 Examining the AD DS Physical Components
After completing this module students will be able to
Install the AD DS management tools on a Windows Vista computer
Describe the AD DS logical components
Describe 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

Exercise 1 Configuring AD LDS Instances and Application Partitions
Exercise 2 Configuring AD LDS Access Control
Exercise 3 Configuring AD LDS Replication
After completing this module students will be able to
Configure AD LDS instances and application partitions
Configure AD LDS access control
Configure 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

Exercise 1 Requesting Certificates Using Web Enrollment
Exercise 2 Managing Certificate Requests and Revocation
After completing this module students will be able to
Request certificates using Web enrollment
Manage certificate requests

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

Exercise 1 Verifying AD RMS Functionality
Exercise 2 Customizing the AD RMS Configuration
After completing this module students will be able to
Verify AD RMS functionality
Customize 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

Exercise 1 Implementing the AD FS Components Discussion
Exercise 2 Configuring the AD FS Resource Partner Organization
After completing this module students will be able to
Describe how to implement the AD FS components
Configure 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

Exercise 1 Creating and Configuring User Accounts
Exercise 2 Creating and Configuring Computer Accounts
After completing this module students will be able to
Create and configure user accounts
Create and configure 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

Exercise 1 Creating AD DS Groups
Exercise 2 Planning an OU Hierarchy Discussion
Exercise 3 Creating an OU Hierarchy
After completing this module students will be able to
Create and configure group accounts
Create and configure organizational units
Apply considerations when creating an OU design

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

Exercise 1 Planning a Shared Folder Implementation Discussion
Exercise 2 Implementing a Shared Folder Implementation

Exercise 3 Evaluating the Shared Folder Implementation
After completing this module students will be able to
Plan a shared folder implementation
Implement a secure shared folder implementation
Evaluate the shared folder implementation