Fundamentals of Windows Server 2008 Active Directory

Duration: 3 Days   Course Code: M6424

Overview:

This three-day instructor-led 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.
PLEASE NOTE: the contents of the 6424 is largely covered within the 6425 we therefore advise you to take this course.

Target 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.

Objectives:

■ understand how Active Directory server roles are used and learn about the purpose and components of Active Directory Domain Services. 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.

Prerequisites:

• Basic understanding of networking.
• Basic understanding of network operating systems.
• Basic knowledge of server hardware. A+ or equivalent knowledge (not required but expected).

Content:

Module 1: Exploring Windows Server 2008 Active Directory Roles
This module provides an overview of the Active Directory (AD) server roles.

Lessons

• Overview of Active Directory Domain Services (AD DS)
• Overview of Active Directory Lightweight Directory Services (AD LDS)
• Overview of Active Directory Digital Certificates (AD CS)
• Overview of Active Directory Rights Management Solution (AD RMS)
• Overview of Active Directory Federation Solution (AD FS)

After completing this module, students will be able to:

• Describe the AD server roles required for a variety of AD deployment scenarios.
• Describe the integration of AD DS with other AD 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 Active Directory Domain Services
• Overview of AD DS Logical Components
• Overview of 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 AD LDS works and how to configure AD LDS components.

This module explains how AD CS works and how to implement AD CS certificate enrollment.

Lessons

• AD CS Overview
• Understanding AD CS Certificates
• Implementing Certificate Enrollment 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 AD RMS works and how to configure AD RMS settings.

Lessons

• AD RMS Overview
• Understanding AD RMS
• Managing AD RMS

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 AD FS works and how to configure AD FS components.

Lessons

• AD FS Overview
• AD FS Deployment Scenarios
• Configuring AD FS Components

After completing this module, students will be able to:

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 Active Directory

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

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

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

Lessons

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

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

• Describe how to implement the AD FS
Components.
• Configure the AD FS Account Partner
Organization.

Module 7: Creating AD Domain Services User
and Computer Objects

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.

Further Information:

For More information, or to book your course, please call us on 0800/84.009

info@globalknowledge.be

 www.globalknowledge.be