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IT ACADEMY

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Class Code: 6424
Number of Days: 3
Format: Instructor-Led

Fundamentals of Windows Server 2008 Active Directory

Course Description: 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.

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.

Prerequisites: Before attending this course, students must have:

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

Delivery Method: Instructor led, group-paced, classroom-delivery learning model with structured hands-on activities.

At Course Completion:

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 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

- Planning Active Directory Server Role Implementations
- 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

- Examining the AD DS Logical Components
- 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