

6430B Planning for Windows Server 2008 Servers

Days of Training: 3

Overview

The course content and exercises direct you toward making decisions and providing guidance to others. This course reflects the decision-making tasks that a server administrator undertakes.

Prerequisites

Students should have up to 1 year experience implementing server plans

- 6418 Deploying Windows Server 2008
- 6420 Fundamentals of Windows Server 2008
- 6424 Fundamentals of Windows Server 2008 Active Directory
- 6425 Configuring Windows Server 2008 Active Directory Domain Services
- 6421 Configuring and Troubleshooting a Windows Server 2008 Network Infrastructure

Next Steps

- 6434 Automating Windows Server 2008 Administration with Windows PowerShell

Lesson 1: Planning for Windows Server 2008 Deployment

- Overview of Change Management
- Planning a Single-Server Installation
- Performing a Single-Server Installation
- Automating Windows Server Deployment
- Lab : Planning Windows Server 2008 Deployment

Lesson 2: Planning Network Infrastructure for Windows Server 2008

- Planning IPv4 Addressing
- Planning for Name Resolution Services
- Determining the Need for WINS
- Planning a Perimeter Network
- Planning an IPv4 to IPv6 Transition Strategy
- Lab : Planning Network Infrastructure for Windows Server 2008

Lesson 3: Planning for Active Directory

- Selecting a Domain and Forest Topology
- Selecting a Domain and Forest Functional Level
- Planning Identity and Access Services in Active Directory
- Implementing Active Directory in the Physical Network
- Lab : Implementing Active Directory in the Physical Network

Lesson 4: Planning for Group Policy

- Planning Group Policy Application
- Planning Group Policy Processing
- Planning the Management of Group Policy Objects
- Planning the Management of Client Computers
- Lab : Planning for Group Policy

Lesson 5: Planning Application Servers

- Overview of Application Servers
- Supporting Web-Based Applications
- Supporting SQL Server Databases
- Deploying Client Applications
- Planning Terminal Services
- Lab : Planning Application Servers

Lesson 6: Planning File and Print Services

- Planning and Deploying the File Services Role
- Managing Storage
- Planning and Implementing the Distributed File System
- Planning and Implementing Shared Printing
- Lab : Planning File and Print Services

Lesson 7: Planning Server and Network Security

- Overview of Defense-in-Depth
- Planning for Windows Firewall with Advanced Security
- Planning Protection Against Viruses and Malware
- Managing Remote Access
- Planning for Network Access Protection (NAP)
- Lab : Planning Server and Network Security

Lesson 8: Planning Server Administration

- Selecting the Appropriate Administration Tool
- Planning Server Core Administration
- Delegating Administration
- Lab : Planning Server Administration

Lesson 9: Planning and Implementing Monitoring and Maintenance

- Planning Monitoring Tasks
- Calculating a Server Baseline
- Tools for Monitoring Server Performance
- Planning Software Updates
- Lab : Planning and Implementing Monitoring and Maintenance

Lesson 10: Planning High Availability and Disaster Recovery

- Choosing a High-Availability Solution
- Planning a Backup and Restore Strategy
- Lab : Planning High Availability and Disaster Recovery

Lesson 11: Planning Virtualization

- Overview of Server Virtualization
- Business Scenarios for Server Virtualization
- Overview of System Center Virtual Machine Manager
- Planning Host Resources
- Lab : Planning Virtualization

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