

Managing and Maintaining Windows 2008 Servers

Course Outline

Module 1: Planning for Windows Server 2008 Deployment

This module explains how to deploy Windows Server 2008

- Overview of Windows Server 2008 Deployment
- Identifying Windows Server 2008 Compatibility Issues
- Developing a Windows Server 2008 Deployment Plan

Module 2: Managing Server Migration

This module explains how to commission and decommission Windows Server 2008

- Creating a Windows Server 2008 Deployment Plan
- Planning the Server Decommissioning Process
- Commissioning a Windows Server 2008 File Server

Module 3: Planning Windows Server 2008 Server Roles

This module explains how to plan the installation of server roles in Windows Server 2008

- Planning for Windows Server 2008 Hardware
- Planning for Windows Server 2008 Server Roles
- Planning for Windows Server 2008 File Servers
- Planning for Windows Server 2008 Core

Module 4: Creating a Configuration Change Plan for Windows Server 2008

This module explains how to create a configuration change plan in Windows Server 2008

- Developing a change control process
- Planning configuration changes
- Evaluating configuration changes

Module 5: Managing Windows Server 2008 Security

This module explains how to plan and implement security in Windows Server 2008

- Planning a defense-in-depth strategy
- Implementing host level security for Windows Server 2008
- Implementing server security by using Group Policies
- Implementing network security for Windows Server 2008

Module 6: Planning for the Application Server Role

This module explains how to manage versioning and related frameworks in Windows Server 2008

- Determining application server role requirements
- Overview of the application server role components
- Supporting the .NET framework

Module 7: Planning for Windows Server 2008 High Availability

This module explains how to plan for high availability in Windows Server 2008

- Planning for Network Load Balancing
- Overview of failover clustering support in Windows Server 2008
- Creating clusters in Windows Server 2008

Module 8: Maintaining Windows Server 2008

This module explains how to plan a server update maintenance schedule in Windows Server 2008

- Overview of Windows Server 2008 management tasks
- Planning for security update management
- Automating Windows Server 2008 maintenance

Module 9: Maintaining a Distributed File System on Windows Server 2008

This module explains how to maintain a Distributed File System (DFS) on Windows Server 2008

- Planning components required for DFS
- Planning for fault tolerance in DFS
- Tools for managing DFS

Module 10: Planning Windows Server 2008 Backup

This module explains how to define backup requirements and policies for administering Windows Server 2008

- Plan Backups by Using the Windows Server 2008 Backup Feature
- Plan a backup policy for Windows Server 2008

Module 11: Managing a Windows Server 2008 Restore

This module explains how to plan and implement a Windows Server 2008 restore

- Planning a server restore policy
- Planning an EFS restore policy
- Verifying restored data

Module 12: Monitoring Microsoft Windows Server 2008 Servers

This module explains how to plan for monitoring Windows Server 2008

- Planning monitoring tasks
- Calculating a server baseline
- Measuring performance objects
- Selecting appropriate monitoring tools
- Planning notification methods

Module 13: Troubleshooting Microsoft Windows Server 2008 Hardware

This module explains how to troubleshoot hardware issues in Windows Server 2008

- Identifying hardware support issues
- Dealing with physical failures
- Dealing with device driver failures

Module 14: Troubleshooting Microsoft Windows Server 2008 Software

This module explains how to troubleshoot software issues in Windows Server 2008

- Planning for business continuity
- Reviewing log files
- Reviewing core OS components
- Evaluating security issues

Module 15: Troubleshooting Microsoft Windows Server 2008 Networks

This module explains how to troubleshoot network issues in Windows Server 2008

- Analyzing the scale of network issues
- Correcting IP connectivity issues
- Resolving names in Windows Server 2008