



# Configuring and Troubleshooting a Windows Server 2008 Network Infrastructure

## COMPUTER TRAINING

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## WINDOWS

Course No. 6421

5 Days

### Target Audience:

This course provides students with the knowledge and skills to configure and troubleshoot a Windows Server 2008 network infrastructure. It is intended for Active Directory technology specialists, network administrators or experienced server administrators aspiring to be enterprise administrators.

### Pre-requisites:

Before attending this course, students must have the following pre-requisites:

- Working experience with Windows Server 2003.
- Basic knowledge of Active Directory.
- An understanding of security concepts and methodologies.
- Basic knowledge of DHCP.
- Basic knowledge of IPsec.

### Purpose:

After completing this course, students will be able to install and configure servers; configure and troubleshoot DNS; configure and manage WINS; configure and troubleshoot DHCP; configure and troubleshoot IPv6 TCP/IP; configure and troubleshoot Routing and Remote Access; install, configure, and troubleshoot the Network Policy Server Role service; configure Network Access Protection; configure IPsec; monitor and troubleshoot IPsec; configure and manage Distributed File System; configure and manage storage technologies; configure availability of network resources and content; configure server security compliance.

At the end of the course the delegate will be able to complete the following:

### Installing and Configuring Servers

- This module explains how to identify the appropriate usage scenario and installation type for a server and then install and configure appropriate server roles and features.
- Installing Windows Server 2008
- Managing Server Roles and Features
- Overview of the Server Core Installation Option
- Lab: Installing and Configuring Servers and Server Roles

#### Skills:

- Identify the system requirements and process for installing Windows Server 2008.
- Describe the difference between server roles and features.
- Describe the benefits of and roles supported by a Server Core installation.

### Configuring and Troubleshooting DNS

- This module explains how to configure, manage and troubleshoot DNS server and zone properties to be used in a secure environment.
- Installing the DNS Server Role
- Configuring the DNS Server Role
- Configuring DNS Zones
- Configuring DNS Zone Transfers
- Managing and Troubleshooting DNS
- Lab: Configuring and Verifying a DNS Solution

#### Skills:

- Install the DNS Server role.
- Configure the DNS Server role to support various query types.
- Configure DNS zones.
- Configure DNS zone transfers.
- Manage DNS zone records and troubleshoot DNS using various tools.

### Configuring and Managing WINS

- This module explains how to configure, manage and troubleshoot WINS servers.
- Installing the Windows Internet Name Service
- Managing the WINS Server
- Configuring WINS Replication
- Migrating from WINS to DNS
- Lab: Configuring a WINS Infrastructure

#### Skills:

- Install and configure the Windows Internet Name Service.
- Manage WINS client records.
- Configure and manage WINS replication.
- Migrate a WINS infrastructure to DNS.

### Configuring and Troubleshooting DHCP

- This module explains how to configure, manage and troubleshoot a DHCP environment supporting an IPv4 infrastructure.
- Overview of the DHCP Server Role
- Configuring DHCP Scopes and Options
- Managing a DHCP Database
- Monitoring and Troubleshooting DHCP
- Securing DHCP
- Lab: Configuring and Troubleshooting the DHCP Server Role

#### Skills:

- Describe how DHCP works.
- Configure DHCP scopes and options.
- Manage a DHCP database.
- Monitor and troubleshoot DHCP.
- Secure DHCP.

### Configuring and Troubleshooting IPv6 TCP/IP

- This module explains how to configure and troubleshoot static and dynamic IPv6 addresses, including subnet prefix lengths, gateways and DNS servers.
- Overview of IPv6
- Coexistence with IPv4
- IPv6 Tunneling Technologies
- Transitioning from IPv4 to IPv6
- Troubleshooting IPv6
- Lab: Configuring an ISATAP Router
- Lab: Converting the Network

#### Skills:

- Describe the benefits and considerations of IPv6.
- Describe how IPv6 can coexist with IPv4 environments.
- Describe IPv6 tunneling technologies used to interoperate with IPv4 networks.
- Describe the process used to migrate from IPv4 to IPv6.
- Troubleshoot IPv6 connectivity.

### Configuring and Troubleshooting Routing and Remote Access

- This module explains how to configure and troubleshoot Routing and Remote Access Services.
- Configuring Network Access
- Configuring VPN Access
- Overview of Network Policies
- Overview of the Connection Manager Administration Kit
- Troubleshooting Routing and Remote Access
- Lab: Configuring and Managing Network Access



#### Skills:

- Install and configure the Routing and Remote Access service.
- Configure VPN access.
- Configure network policies.
- Configure a connection profile using the Connection Manager Administration Kit.
- Troubleshoot Routing and Remote Access.

### Installing, Configuring, and Troubleshooting the Network Policy Server Role Service

- This module explains how to install, configure and troubleshoot the Network Policy Server Role service.
- Installing and Configuring a Network Policy Server
- Configuring RADIUS Clients and Servers
- NPS Authentication Methods
- Monitoring and Troubleshooting a Network Policy Server
- Lab: Configuring and Managing Network Policy Server

#### Skills:

- Install and configure the Network Policy Server role.
- Configure a RADIUS client and server.
- Describe NPS authentication methods.
- Monitor and troubleshoot a Network Policy server.

### Configuring Network Access Protection

- This module explains how to configure and manage NAP for DHCP, VPN, and 802.1X.
- Overview of Network Access Protection
- How NAP Works
- Configuring NAP
- Monitoring and Troubleshooting NAP
- Lab: Configuring NAP for DHCP and VPN

#### Skills:

- Describe the benefits and uses of NAP.
- Describe how NAP works in various access scenarios.
- Configure NAP.
- Monitor and troubleshoot NAP.

### Configuring IPsec

- This module explains how to configure and test IPsec.
- Overview of IPsec
- Configuring Connection Security Rules
- Configuring IPsec NAP Enforcement
- Lab: Configuring IPsec NAP Enforcement

#### Skills:

- Describe the benefits and uses of IPsec.
- Configure Connection Security rules.
- Configure IPsec NAP enforcement.

### Monitoring and Troubleshooting IPsec

- This module explains how to monitor and troubleshoot IPsec.
- Monitoring IPsec Activity
- Troubleshooting IPsec
- Lab: Monitoring and Troubleshooting IPsec

#### Skills:

- Monitor IPsec activity.
- Troubleshoot IPsec.

### Configuring and Managing Distributed File System

- This module explains how to configure and manage Distributed File System.
- DFS Overview
- Configuring DFS Namespaces
- Configuring DFS Replication
- Lab: Configuring DFS

#### Skills:

- Describe the Distributed File System.
- Manage DFS namespaces.
- Configure DFS replication.

### Configuring and Managing Storage Technologies

- This module explains how to configure and troubleshoot file system storage technologies included with Windows Server 2008.
- Overview of Windows Server 2008 Storage Management
- Managing Storage Using File Server Resource Manager
- Configuring Quota Management
- Implementing File Screening
- Managing Storage Reports
- Lab: Configuring and Managing Storage Technologies

#### Skills:

- Describe storage management solutions included in Windows Server 2008.
- Manage storage using File Server Resource Manager (FSRM).
- Configure quota management using FSRM.
- Implement file screening using FSRM.
- Manage storage reports.

### Configuring Availability of Network Resources and Content

- This module explains how to describe and configure backup and recovery methods.
- Backing Up Data
- Configuring Shadow Copies
- Providing Server and Service Availability
- Lab: Configuring Availability of Network Resources

#### Skills:

- Back up data.
- Configure shadow copies.
- Provide server and service availability.

### Configuring Server Security Compliance

- This module explains how to configure and analyze server security and security update compliance.
- Securing a Windows Infrastructure
- Using Security Templates to Secure Servers
- Configuring an Audit Policy
- Overview of Windows Server Update Services
- Managing WSUS
- Lab: Configuring and Managing Security and Security Update Compliance

#### Skills:

- Secure a server role within a windows infrastructure.
- Secure servers using security templates.
- Configure an audit policy.
- Describe the use of Windows Server Update Services.
- Manage updates using WSUS.



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## PARTICULARS

**Cost:**

**£1550 plus VAT**

**Platform:**

Windows

**Numbers:**

Maximum of 6 people on each course at F1's training facilities in London and Bath



# Configuring Windows Server 2008 Active Directory Domain Services

## COMPUTER TRAINING

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Course No. 6425

5 Days

### Target Audience:

This course provides Active Directory Technology Specialists with the knowledge and skills to configure Active Directory Domain Services in a distributed environment, implement Group Policies, perform backup and restore, and monitor and troubleshoot Active Directory related issues.

### Pre-requisites:

Before attending this course, students must have the following prerequisites:

- A basic understanding of networking.
- An understanding of network operating systems.
- An awareness of security best practices.
- Basic knowledge of server hardware.
- Some experience creating objects in Active Directory.
- A knowledge of basic concepts of backup and recovery in a Windows Server Environment.
- Attended Course 6424 or have equivalent knowledge.

### Purpose:

After completing this course, students will be able to implement and configure Active Directory domain services in their enterprise environment.

At the end of the course the delegate will be able to complete the following:

### Installing Active Directory Domain Services

- This module explains how to install and configure Active Directory Domain Services and install and configure a read-only domain controller.
- Installing Active Directory Domain Services
- Deploying Read-Only Domain Controllers
- Configuring AD DS Domain Controller Roles
- Lab: Implementing Read-Only Domain Controllers

#### Skills:

- Install Active Directory Domain Services.
- Deploy Read-Only Domain Controllers.
- Configure AD DS Domain Controller Roles.

### Configuring DNS for AD DS

- This module explains how to configure Domain Name Services (DNS) for Active Directory Domain Services.
- Overview of Active Directory Domain Services and DNS Integration
- Configuring Active Directory Integrated Zones
- Configuring Read Only DNS
- Lab: Configuring AD DS and DNS Integration

#### Skills:

- Describe Active Directory Domain Services and DNS Integration.
- Configure Active Directory Integrated Zones.
- Configure Read Only DNS.

### Configuring Active Directory Objects and Trusts

- This module explains how to configure Active Directory Objects and Trusts.
- Configuring Active Directory Objects
- Automating AD DS Object Management
- Delegating Administrative Access to AD DS Objects
- Configuring AD DS Trusts
- Lab: Configuring Active Directory Objects and Trusts

#### Skills:

- Configure Active Directory Objects.
- Automate AD DS object management.
- Delegate Administrative access to AD DS objects.
- Configure AD DS trusts.

### Configuring Active Directory Sites and Replication

- This module explains how to configure Active Directory Objects and Trusts.
- Overview of AD DS Replication
- Configuring Active Directory Domain Services Sites
- Configuring and Monitoring AD DS Replication
- Lab: Configuring Active Directory Sites and Replication

#### Skills:

- Describe AD DS replication.
- Configure Active Directory Domain Services sites.
- Configure and monitor AD DS replication.

### Creating and Configuring Group Policies

- This module explains how to create and configure group policies.
- Overview of Group Policies
- Configuring the Scope of Group Policy Objects
- Evaluating the Application of Group Policy Objects
- Managing Group Policy Objects
- Delegating Administrative Control of Group Policies
- Lab: Creating and Configuring GPOs

#### Skills:

- Describe Group Policies.
- Configure the scope of Group Policy objects.
- Evaluate the application of Group Policy objects.
- Manage Group Policy objects.
- Delegate administrative control of Group Policies.

### Configuring User Environments Using Group Policies

- This module explains how to configure user environments using Group Policies.
- Configuring Group Policy Settings
- Configuring Scripts and Folder Redirection Using Group Policies
- Configuring Administrative Templates
- Deploying Software Using Group Policy
- Lab Configuring User Environments Using Group Policies

#### Skills:

- Configure Group Policy settings.
- Configure scripts and folder redirection Using Group Policies.
- Configure administrative templates.
- Deploy software using Group Policy.

### Implementing Security Using Group Policies

- This module explains how to implement security using Group Policies.
- Configuring Security Policies
- Implementing Fine-Grained Password Policies
- Restricting Group Membership and Access to Software
- Managing Security Using Security Templates
- Lab: Implementing Security by Using Group Policies



#### Skills:

- Configure security settings.
- Implement fine-grained password policies.
- Restrict group membership and access to software.
- Manage security using security templates.

### Implementing an Active Directory Domain Services Monitoring Plan

- This module explains how to implement Active Directory Domain Services monitoring plan.
- Monitoring Active Directory Domain Services Using Event Viewer
- Monitoring Active Directory Domain Servers by Using Reliability and Performance Monitor
- Configuring Active Directory Domain Services Auditing
- Lab: Monitoring Active Directory Domain Services

#### Skills:

- Monitor Active Directory Domain Services using Event Viewer.
- Monitor Active Directory Domain servers using reliability and performance monitor.
- Configure Active Directory Domain Services Auditing.

### Implementing an Active Directory Domain Services Maintenance Plan

- This module explains how to implement an Active Directory Domain Services maintenance plan.
- Maintaining the AD DS Domain Controllers
- Backing Up Active Directory Domain Services
- Restoring Active Directory Domain Services
- Lab: Implementing an Active Directory Domain Services Maintenance Plan

#### Skills:

- Maintain the AD DS Domain Controllers.
- Back up the Active Directory Domain Services.
- Restore the Active Directory Domain Services.

### Troubleshooting

- This module explains how to troubleshoot Active Directory Domain Services, Domain Name Service, and Active Directory replication.
- Troubleshooting Active Directory Domain Services
- Troubleshooting DNS Integration with AD DS
- Troubleshooting AD DS Replication
- Lab: Troubleshooting Active Directory, DNS, and Replication Issues

#### Skills:

- Troubleshoot Active Directory Domain Services.
- Troubleshoot DNS integration with AD DS.
- Troubleshoot AD DS replication.

### Troubleshooting Group Policy Issues

- This module explains how to troubleshoot the application of group policy objects.
- Introduction to Group Policy Troubleshooting
- Troubleshooting Group Policy Application
- Troubleshooting Group Policy Settings
- Lab: Troubleshooting Group Policy Issues

#### Skills:

- Describe Group Policy troubleshooting.
- Troubleshoot Group Policy application.
- Troubleshoot Group Policy Settings.

### Implementing an Active Directory Domain Services Infrastructure

- This module explains how to implement an Active Directory Domain Services Infrastructure.
- Overview of the AD DS Deployment
- Lab: Deploying Active Directory Domain Services

#### Skills:

- Implement an Active Directory Domain Services infrastructure.



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## PARTICULARS

**Cost:**

**£1550 plus VAT**

**Platform:**

Windows

**Numbers:**

Maximum of 6 people on each course at F1's training facilities in London and Bath



# Configuring Identity and Access Solutions with Windows Server 2008 Active Directory

## COMPUTER TRAINING

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## WINDOWS

Course No. 6426

3 Days

### Target Audience:

This course provides the knowledge and skills that IT Professionals need to configure identity and access solutions with Windows Server 2008 Active Directory. It is intended for IT Professionals interested in IDA solutions in their enterprise environment.

### Pre-requisites:

Before attending this course, students must have the following pre-requisites:

- Technical background knowledge and hands-on experience of Active Directory Domain Services.
- Completed Course 6424: Fundamentals of Microsoft Server 2008 Active Directory, or have equivalent technical knowledge.
- Completed Course 6425: Configuring Windows Server 2008 Active Directory Domain Services, or have equivalent technical knowledge.

### Purpose:

After completing this course, students will be able to describe identity and access solutions; configure Active Directory Certificate Services; deploy and manage certificates; configure Active Directory Lightweight Directory Services; configure Active Directory Federation Services; configure Active Directory Rights Management Services; maintain access management solutions; troubleshoot identity and access solutions.

At the end of the course the delegate will be able to complete the following:

### Exploring Identity and Access Solutions

- After completing this module, students will be able to explore identity and access solutions.
- Overview of Identity and Access Management
- Active Directory Server Roles in Identity and Access Management
- Identity Lifecycle Manager
- Lab: Exploring Identity and Access Solutions 2008

#### Skills:

- Describe identity and access management.
- Identify Active Directory server roles in identity and access management.
- Understand Identity Lifecycle Manager.

### Configuring Active Directory Certificate Services

- After completing this module, students will be able to configure Active Directory Certificate Services.
- Overview of Public Key Infrastructure
- Deploying a Certification Authority Hierarchy
- Installing Active Directory Certificate Services
- Managing a Certification Authority
- Lab: Configuring Active Directory Certificate Services

#### Skills:

- Describe Public Key Infrastructure.
- Deploy a Certification Authority hierarchy.
- Install Active Directory Certificate Services.
- Manage a Certification Authority.

### Deploying and Managing Certificates

- After completing this module, students will be able to deploy and manage certificates.
- Deploying Certificates by Using AD CS
- Deploying Certificates by Using Autoenrollment
- Revoking Certificates
- Configuring Certificate Templates
- Configuring Certificate Recovery
- Lab: Deploying and Managing Certificates

#### Skills:

- Deploy certificates by using AD CS.
- Use autoenrollment to deploy certificates.
- Revoke certificates.
- Configure certificate templates.
- Configure certificate recovery.

### Configuring Active Directory Lightweight Directory Services

- After completing this module, students will be able to configure Active Directory Lightweight Directory Services.
- Installing and Configuring AD LDS
- Configuring AD LDS Instances
- Configuring AD LDS Replication
- Configuring AD LDS Integration with AD DS
- Lab: Configuring Active Directory Lightweight Directory Services

#### Skills:

- Install and configure AD LDS.
- Configure AD LDS instances.
- Configure AD LDS replication.
- Configure AD LDS integration with AD DS.

### Configuring Active Directory Federation Services

- After completing this module, students will be able to configure Active Directory Federation Services.
- Overview of AD FS
- AD FS Deployment Scenarios
- Deploying AD FS
- Implementing AD FS Claims
- Lab: Configuring AD FS

#### Skills:

- Describe AD FS.
- Understand AD FS deployment scenarios.
- Deploy AD FS.
- Implement AD FS claims.

### Configuring Active Directory Rights Management Services

- After completing this module, students will be able to configuring Active Directory Rights Management Services.
- Overview of AD RMS
- Installing and Configuring AD RMS Server Components
- Administering AD RMS
- Implementing AD RMS Trust Policies
- Lab: Configuring Active Directory Rights Management Services

#### Skills:

- Describe AD RMS.
- Install and configure AD RMS server components.
- Administer AD RMS.
- Implement AD RMS trust policies.



## Maintenance of Access Management Solutions

- After completing this module, students will be able to maintain access management solutions.
- Support for AD CS
- Maintenance of AD LDS
- Long-term support for AD FS
- Preservation of AD RMS
- Lab: Maintaining Access Management Solutions

### Skills:

- Support AD CS.
- Maintain AD LDS.
- Provide long-term support for AD FS.
- Preserve AD RMS.

## Troubleshooting Identity and Access Solutions

- After completing this module, students will be able to Design Active Directory disaster recovery in Windows Server 2008.
- Troubleshooting AD CS
- Troubleshooting AD LDS
- Troubleshooting AD FS
- Troubleshooting AD RMS
- Lab: Troubleshooting Active Directory Server Roles

### Skills:

- Troubleshoot AD CS.
- Troubleshoot AD LDS.
- Resolve AD FS issues.
- Solve AD RMS problems.



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## PARTICULARS

### Cost:

**£1050 plus VAT**

### Platform:

Windows

### Numbers:

Maximum of 6 people on each course at F1's training facilities in London and Bath



## COMPUTER TRAINING

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# WINDOWS

Course No. 6430

5 Days

### Target Audience:

This course provides students with the knowledge and skills to implement, monitor, and maintain Windows Server 2008 servers. It is intended for entry level server administrators or IT professionals who are interested in becoming server administrators as the next step in their career path.

### Pre-requisites:

Before attending this course, students must have the following prerequisites:

- Experience implementing server plans.
- Familiarity with Windows deployment technologies and implementation.
- Familiarity with Windows networking technologies and implementation.
- Familiarity with Active Directory technologies and implementation.
- It is recommended, though not required, that students have attended Courses 6418, 6420, 6421, 6424 and 6425.

### Purpose:

After completing this course, students will be able to plan a Windows Server 2008 deployment; plan and implement server decommissioning and decommissioning for Windows Server 2008; plan the installation of server roles for Windows Server 2008; create a configuration change plan for Windows Server 2008; plan and implement Windows Server 2008 security; manage application versioning in Windows Server 2008; plan for a high-availability Windows Server 2008 deployment; plan a server update maintenance schedule for Windows Server 2008; maintain Distributed File System (DFS) in Windows Server 2008; define server backup requirements and policies for Windows Server 2008 backup; plan and implement a Windows Server 2008 restore; plan Windows Server 2008 monitoring; troubleshoot hardware issues; troubleshoot software issues; troubleshoot network issues.



# Managing and Maintaining Windows Server 2008 Servers

At the end of the course the delegate will be able to complete the following:

## 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
- Lab: Planning for a Windows Server 2008 Server Deployment

### Skills:

- Explain the advantages of deploying Windows Server 2008.
- Identify Windows Server 2008 compatibility issues.
- Develop a Windows Server 2008 deployment plan.

## 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
- Lab: Migrating a File Server to Windows Server 2008

### Skills:

- Create a deployment plan for Windows Server 2008.
- Identify server decommissioning steps.
- List Windows Server 2008 deployment and migration tools.

## 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
- Lab: Planning Windows Server 2008 Servers

### Skills:

- Identify hardware configuration options for Windows Server 2008.
- Identify performance implications when combining server roles.
- List guidance for installing file servers.
- Plan for Windows Server 2008 Server Core.

## 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
- Lab: Creating a Configuration Change Plan

### Skills:

- Design a change control process for implementing configuration changes.
- Plan for configuration changes.
- Evaluate the success of configuration changes.

## 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
- Lab: Managing Windows Server 2008 Security

### Skills:

- Plan a defense-in-depth strategy for Windows Server 2008 security.
- Implement host-level security for Windows Server 2008.
- Implement server security by using Group Policy.
- Implement network security for Windows Server 2008 servers.

## 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
- Lab: Planning for the Application Server Role

### Skills:

- Determine the requirement for application servers.
- Identify application server role components.
- Plan for supporting the Microsoft .NET Framework.

## 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
- Lab: Planning for Failover Clusters in Windows Server 2008

### Skills:

- Develop a plan for Network Load Balancing (NLB).
- Describe the improved failover clustering support in Windows Server 2008.
- Plan for failover clustering in Windows Server 2008.

## 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
- Lab: Developing a Maintenance Plan for Windows Server 2008

### Skills:

- Create a server management task schedule for Windows Server 2008.
- Plan for security update management plan by using Windows Server Update Services (WSUS).
- List automated maintenance tools for Windows Server 2008.

## 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
- Lab: Planning for DFS

### Skills:

- Identify services required for Distributed File System (DFS).
- Explain DFS fault tolerance.
- Identify DFS management tools.

## 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
- Lab: Managing Windows Server 2008 Backup

### Skills:

- Create a backup and recovery plan by using Windows Server Backup.
- Develop a backup policy for using Windows Server Backup.

## 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
- Lab: Planning Windows Server 2008 Restore

### Skills:

- Create a server restore plan.
- Create a plan for restoring Encrypting File System (EFS) files.
- Verify the restore procedure.

## 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
- Lab: Identifying Windows Server 2008 Monitoring Requirements

### Skills:

- Plan monitoring tasks.
- Determine an appropriate server baseline.
- Determine objects and counters to monitor based on server role.
- Select the appropriate monitoring tools.
- Identify appropriate notification methods.

## 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
- Lab: Troubleshooting Hardware Issues

### Skills:

- Identify hardware issues.
- Explain physical component failure.
- Manage device driver failure.

## 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
- Lab: Troubleshooting Software Issues

### Skills:

- Evaluate the effect of software problems.
- Identify troubleshooting log files.
- Identify core operating system components.
- Evaluate software security issues.

## 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
- Lab: Troubleshooting Network Problems

### Skills:

- Identify common types of network problems.
- Resolve IP connectivity issues.
- Resolve name resolution issues.



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## PARTICULARS

**Cost:**

**£1550 plus VAT**

**Platform:**

Windows

**Numbers:**

Maximum of 6 people on each course at F1's training facilities in London and Bath