

Configuring and Troubleshooting a Windows Sever 2008 Network Infrastructure

Infos Générales



Public visé : The primary audience for this course includes Active Directory technology specialists aspiring to be Enterprise Administrators (Tier 4 day-to-day network operations) or Network Administrators (Tier 2). Experienced Server Administrators aspiring to be Enterprise Administrators would also benefit from this course. The secondary audience for this course includes Storage Area Network Administrators who need to understand this information to deploy or extend their current storage infrastructure. Operations Managers who need this information to support troubleshooting efforts and business decisions would also benefit from this course.



Objectifs : This course provides students with the knowledge and skills to configure and troubleshoot a Windows Sever 2008 network infrastructure. Students will learn to implement and configure secure network access and implement fault tolerant storage technologies. Students will gain an understanding of the network technologies most commonly used with Windows Server 2008 and IP-enabled networks. Students will also learn how to secure servers and maintain update compliance.



Pré requis : Before attending this course, students must have: Working experience with Windows Server 2003; Basic knowledge of Active Directory; An understanding of security concepts and methodologies (for example, corporate policies); Basic knowledge of DHCP; Basic knowledge of IPSec.



Méthodes Pédagogiques : Pédagogie interactive basée sur la participation des stagiaires avec mise en pratique sous forme d'exercice (création de documents, QCM ...)



Moyens pédagogiques : 1 PC et un support de formation avec l'ensemble des corrections des exercices par stagiaire, 1 vidéoprojecteur dans la salle



Moyens d'encadrement : Formateur spécialiste produit maîtrisant les techniques professionnels



Dispositif d'évaluation des résultats : Les connaissances acquises par les stagiaires sont validés tout au long de la formation par des mises en application et des QCM. Les stagiaires remplissent également une feuille d'évaluation en fin de formation afin de vérifier le bon déroulé de la formation

infos pratiques

Référence

MS6421 (US) - MS6741 (FR)

Vos contacts

Christelle et Caroline

Certification

70-642

Formateur

MCSE

Support

Microsoft Officiel

Durée



Repas



Café



Installing and Configuring Servers

Installing Windows Server 2008
Managing Server Roles and Features
Overview of the Server Core Installation Option

Configuring and Troubleshooting DNS

Installing the DNS Server Role
Configuring the DNS Server Role
Configuring DNS Zones
Configuring DNS Zone Transfers
Managing and Troubleshooting DNS

Configuring and Managing WINS

Installing the Windows Internet Name Service
Managing the WINS Server
Configuring WINS Replication
Migrating from WINS to DNS

Configuring and Troubleshooting DHCP

Overview of the DHCP Server Role
Configuring DHCP Scopes and Options
Managing a DHCP Database
Monitoring and Troubleshooting DHCP
Securing DHCP

Configuring and Troubleshooting IPv6 TCP/IP

Overview of IPv6
Coexisting with IPv6
IPv6 Tunneling Technologies
Transitioning from IPv4 to IPv6
Troubleshooting IPv6

Configuring and Troubleshooting Routing and Remote Access

Configuring Network Access
Configuring VPN Access
Configuring Dial-Up Access
Overview of Network Policies
Overview of the Connection Manager Administration Kit
Troubleshooting Routing and Remote Access

Installing, Configuring, and Troubleshooting 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

Configuring and Troubleshooting a Windows Server 2008 Network Infrastructure

Configuring Network Access Protection

Overview of Network Access Protection
How NAP Works
Configuring NAP
Monitoring and Troubleshooting NAP

Configuring IPSec

Overview of IPSec
Configuring Connection Security Rules
Configuring IPSec NAP Enforcement

Monitoring and Troubleshooting IPSec

Monitoring IPSec Activity
Troubleshooting IPSec

Configuring and Managing Distributed File System

DFS Overview
Managing DFS Namespaces
Configuring DFS Replication

Configuring and Managing Storage Technologies

Overview of Windows Server 2008 Storage Management
Managing Storage Using File Server Resource Manager
Configuring Quota Management
Implementing File Screening
Managing Storage Reports

Configuring Availability of Network Resources and Content

Backing Up Data
Configuring Shadow Copies
Providing Server and Service Availability

Configuring Server Security Compliance

Securing a Windows Infrastructure
Using Security Templates to Secure Servers
Configuring an Audit Policy
Overview of Windows Server Update Services
Managing WSUS