



Installing, Configuring & Administering Windows 2008 Server

(MS6421+MS6425)

Introduction

This five-day instructor-led course provides student the skills required to to implement and configure Windows 2008 Server environment. Students will gain an understanding of the network technologies most commonly used with Windows Server 2008 and IP-enabled networks. It also provides the essentials skills configure Active Directory Domain Services & implement Group Policies in a Windows Server 2008 environment.

For Who?:

This course is appropriate for individuals who are employed or seeking a position as a systems administrator or systems engineer.

Certificate Of Attendance :

Certificate Of Attendance will be awarded to students completing the course achieving minimum 75% attendance.

Training Methodology :

- Practical hands-on sessions, 75% lab-based and 25% theory-based.
- Additional and well-designed labs handouts are given to enhance further enhance the courseware given.

Training Duration:

Full-time: 5 Days (9.30am to 5.30pm)

Course Fee:

Course Fee : S\$1999

Regn Fee : S\$50

All fees subject to GST 7%.

DETAILED COURSE OUTLINE

MS6425 : Configuring and Troubleshooting Windows Server 2008 Active Directory Domain Services

Module 1: Introducing Active Directory Domain Services (AD DS)

This module explains how to install and configure Active Directory Domain Services and install and configure a read-only domain controller.

- Introducing Active Directory, Identity, and access
- Active Directory Components and Concepts
- Install Active Directory Domain Services
- Extend IDA with Active Directory Services

Module 2: Manage Users

This module explains how to manage and support user accounts in Active Directory.

- Create and Administer User Accounts
- Configure User Object Attributes
- Automate User Account Creation

Module 3: Manage Groups

This module explains how to create, modify, delete, and support group objects in Active Directory.

- Manage an Enterprise with Groups
- Administer Groups
- Best Practices for Group Management

Module 4: Support Computer Accounts

This module explains how to create and configure computer accounts.

- Create Computers and Join the Domain
- Administer Computer Objects and Accounts

Module 5: Implement a Group Policy Infrastructure

This module explains what Group Policy is, how it works, and how best to implement Group Policy in your organization.

- Understand Group Policy
- Implement a Group Policy
- Explore Group Policy Settings and Features
- Manage Group Policy Scope
- Group Policy Processing
- Troubleshoot Policy Application

MS6421A : Configuring and Troubleshooting a Windows Server 2008 Network Infrastructure

Module 1: 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

Module 2: 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

Module 3: 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 IPv6
- IPv6 Tunneling Technologies
- Transitioning from IPv4 to IPv6
- Troubleshooting IPv6

Module 4: 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

Module 5: 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

Module 6: 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

Module 7: Configuring IPsec

This module explains how to configure and test IPsec.

- Overview of IPsec
- Configuring Connection Security Rules
- Configuring IPsec NAP Enforcement

Module 8: Configuring and Managing Storage Technologies

This module explains how to configure and troubleshoot file system storage technologies included with Windows Server 2008.

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

Module 9: 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

MS Win Server Admin 2008