



MCSE 2012 : Server Infrastructure

(MS20410/ MS20411/ MS20412/ MS20413/
MS20414)

Introduction

The Microsoft Certified Solutions Expert (MCSE):Server Infrastructure certification validates that you have the skills needed to run a highly efficient and modern data centre, with expertise in identity management, systems management, virtualisation, storage and networking.

For Who?:

This course is for IT professionals who are looking to take the exam the MCSE certification.

Certificate Of Attendance :

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

Training Duration:

Full-time: 5 Days (for each modules, total 5 modules)

Time : 9.30am – 5.30pm

Course Fee :

Course : S\$4,999 excluding Microsoft Exam

Regn Fee : S\$50

All fees subject to GST 7%.

Microsoft Exam :

This course prepares participants for Microsoft Exam : 70-410, 70-411, 70-412, 70-413 and 70-414

- 70-410: Installing and Configuring Windows Server 2012
- 70-411: Administering Windows Server 2012
- 70-412: Configuring Advanced Windows Server 2012 Services
- 70-413: Designing and Implementing a Server Infrastructure
- 70-414: Implementing an Advanced Server Infrastructure

DETAILED COURSE OUTLINE

Module 1: Installing and Configuring Windows Server 2012 (MS20410)

- Install and configure servers (15–20%)
- Configure server roles and features (15–20%)
- Configure Hyper-V (15–20%)
- Deploy and configure core network services (15–20%)
- Install and administer Active Directory (15–20%)
- Create and manage Group Policy (15–20%)

Module 2: Administering Windows Server 2012 (MS20411)

- Configuring and Troubleshooting Domain Name System
- Maintaining Active Directory Domain Services
- Managing User and Service Accounts
- Implementing a Group Policy Infrastructure
- Managing User Desktops with Group Policy
- Implementing Remote Access
- Installing, Configuring and Troubleshooting the Network Policy Server Role
- Implementing Network Access Protection
- Optimizing File Services
- Configuring Encryption and Advanced Auditing
- Deploying and Maintaining Server Images
- Implementing Update Management
- Monitoring Windows Server 2012

Module 3: Configuring Advanced Windows Server 2012 Services (MS20412)

- Implementing Advanced Network Services
- Implementing Advanced File Services
- Implementing Dynamic Access Control
- Implementing Distributed AD DS Deployments
- Implementing AD DS Sites and Replication

- Implementing Active Directory Certificate Services
- Implementing Active Directory Rights Management Services
- Implementing Active Directory Rights Management Services
- Implementing Network Load Balancing
- Implementing Failover Clustering
- Implementing Failover Clustering with Hyper-V
- Implementing Business Continuity and Disaster Recovery

Module 4: Designing and Implementing a Server Infrastructure (MS20413)

- Planning a Server Upgrade and Migration
- Planning and Implementing a Server Deployment Infrastructure
- Designing and Maintaining an IP Configuration and Address Management Solution
- Designing and Implementing Name Resolution
- Designing and Implementing an Active Directory Domain Services Forest and Domain Infrastructure
- Designing and Implementing an Active Directory Organizational Unit Infrastructure
- Designing and Implementing a Group Policy Object Strategy
- Designing and Implementing an Active Directory Domain Services Topology
- Planning and Implementing Storage
- Planning and Implementing File Services
- Designing and Implementing Network Access Services
- Designing and Implementing Network Protection

Module 5: Implementing an Advanced Server Infrastructure (MS20414)

- Planning and Implementing a Server Virtualization Strategy
- Planning and Implementing Networks and Storage for Virtualization
- Planning and Deploying Virtual Machines
- Planning and Implementing a Virtualization Administration Solution
- Planning and Implementing a Server Monitoring Strategy
- Planning and Implementing High Availability for File Services and Applications
- Planning and Implementing a Highly Available Infrastructure Using Failover Clustering
- Planning and Implementing an Server Updates Infrastructure
- Planning and Implementing a Business Continuity Strategy
- Planning and Implementing an Public Key Infrastructure.
- Planning and Implementing an Identity Federation Infrastructure
- Planning and Implementing an Information Rights Management Infrastructure

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