

MWS2-3 - MOC 20417 - UPGRADING YOUR SKILLS TO MCSA WINDOWS SERVER 2012

Categoria: **Windows Server 2012**

INFORMAZIONI SUL CORSO



Durata:
5 Giorni



Categoria:
Windows Server 2012



Qualifica Istruttore:
Microsoft Certified
Trainer



Dedicato a:
Professionista IT



Produttore:
Microsoft

OBIETTIVI

- Installare e configurare Windows Server 2012.
- Gestire Windows Server 2012 tramite Windows PowerShell .
- Gestire l'archiviazione in Windows Server 2012.
- Implementare i servizi di rete.
- Implementare l'accesso remoto.
- Implementare il failoverclustering.
- Implementare Hyper-V.
- Implementare un failoverclustering con Hyper-V.
- Implementare un accesso ai dati sicuro per gli utenti e dispositivi.
- Implementare i Servizi di dominio Active Directory (AD DS).
- Implementare gli Active Directory Federation Services (ADFS).
- Monitorare e gestire Windows Server 2012.

PREREQUISITI

Per partecipare al corso, gli studenti devono avere:

- Esperienza lavorativa quotidiana con Windows Server 2008 o Windows Server 2008 R2 e compiti di amministrazione di sistema, gestione e manutenzione in un ambiente Enterprise
- Ottenuto le credenziali Microsoft Certified Solutions Associate (MCSA): Windows Server 2008 o avere conoscenze equivalenti

Nota: E' possibile partecipare a questo corso senza avere la MCSA: Windows Server 2008 una volta che i criteri della conoscenza equivalente siano soddisfatti. Tuttavia, la successiva assunzione e superamento dell'esame di aggiornamento 70-417 non fornir il beneficiario della certificazione MCSA: Windows Server 2012.

CONTENUTI

Module 1: Installing and Configuring Windows Server 2012

- Installing Windows Server 2012 R2
- Configuring Windows Server 2012 R2 and Windows Server 2012
- Configuring Remote Management for Windows Server 2012 R2 and Windows Server 2012

Lab : Installing and Configuring Windows Server 2012 R2

- Installing Windows Server 2012 R2 Server Core

Configuring a Computer Running a Server Core Installation of Windows Server 2012 R2
Configuring Remote Management for Servers Running Windows Server 2012 R2

Module 2: Managing Windows Server 2012 by Using Windows PowerShell

Overview of Windows PowerShell
Using Windows PowerShell to Manage AD DS
Managing Servers by Using Windows PowerShell

Lab : Managing Servers Running Windows Server 2012 by Using Windows PowerShell

Introduction to Windows PowerShell
Managing AD DS by Using Windows PowerShell
Managing Servers by Using Windows PowerShell

Module 3: Managing Storage in Windows Server 2012

Storage Features in Windows Server 2012
Configuring iSCSI Storage
Configuring Storage Spaces in Windows Server 2012
Configuring BranchCache in Windows Server 2012

Lab : Managing Storage on Servers Running Windows Server 2012

Configuring iSCSI Storage
Configuring a Redundant Storage Space

Lab : Implementing BranchCache

Performing Initial Configuration Tasks for BranchCache
Configuring BranchCache on the Branch Server
Configuring BranchCache Client Computers
Monitoring BranchCache

Module 4: Implementing Network Services

Implementing DNS and DHCP Enhancements
Implementing IPAM
Managing IP Address Spaces with IPAM
NAP Overview
Implementing NAP

Lab : Implementing Network Services

Configuring New Features in DNS and DHCP
Configuring IP Address Management

Lab : Deploying NAP

Configuring NAP
Verifying the NAP Deployment

Module 5: Implementing Remote Access

Remote Access Overview
Implementing DirectAccess by Using the Getting Started Wizard
Implementing and Managing an Advanced DirectAccess Infrastructure
Implementing VPN

Lab : Implementing DirectAccess

Configuring the DirectAccess Infrastructure
Configuring the DirectAccess Clients

Verifying the DirectAccess Configuration

Module 6: Implementing Failover Clustering

Overview of Failover Clustering

Implementing a Failover Cluster

Configuring Highly-Available Applications and Services on a Failover Cluster

Maintaining a Failover Cluster

Implementing a Multisite Failover Cluster

Lab : Implementing Failover Clustering

Configuring a Failover Cluster

Deploying and Configuring a Highly Available File Server

Validating the Deployment of the Highly-Available File Server

Configuring Cluster-Aware Updating on the Failover Cluster

Module 7: Implementing Hyper-V

Configuring Hyper-V Servers

Configuring Hyper-V Storage

Configuring Hyper-V Networking

Configuring Hyper-V Virtual Machines

Lab : Implementing Server Virtualization with Hyper-V

Installing the Hyper-V Server Role

Configuring Virtual Networking

Creating and Configuring a Virtual Machine

Module 8: Implementing Failover Clustering with Windows Server 2012 R2 Hyper-V

Overview of the Integration of Hyper-V Server 2012 with Failover Clustering

Implementing Hyper-V Virtual Machines on Failover Clusters

Implementing Windows Server 2012 Hyper-V Virtual Machine Movement

Implementing Hyper-V Replica

Lab : Implementing Failover Clustering with Windows Server 2012 Hyper-V

Configuring Hyper-V Replica

Configuring a Failover Cluster for Hyper-V

Configuring a Highly Available Virtual Machine

Module 9: Implementing Secure Data Access for Users and Devices

Dynamic Access Control Overview

Implementing DAC Components

Implementing DAC for Access Control

Implementing Access-Denied Assistance

Implementing and Managing Work Folders

Lab : Implementing Secure File Access

Preparing for DAC Deployment

Implementing DAC

Validating and Remediating DAC

Implementing Work Folders

Module 10: Implementing AD DS

Deploying AD DS Domain Controllers

Configuring AD DS Domain Controllers

Implementing Service Accounts
Implementing Group Policy in AD DS
Overview of Windows Azure Active Directory
Maintaining AD DS

Lab : Implementing AD DS

Deploying a Read-Only Domain Controller
Implementing Service Accounts in AD DS

Lab : Troubleshooting and Maintaining AD DS

Troubleshooting Group Policy
Maintaining AD DS

Module 11: Implementing AD FS

Overview of AD FS
Deploying AD FS
Implementing AD FS for a Single Organization
Deploying AD FS in a Business-to-Business Federation Scenario
Implementing Web Application Proxy
Implementing Workplace Join

Lab : Implementing AD FS

Installing and Configuring AD FS
Configuring an Internal Application for AD FS
Configuring AD FS for a Federated Business Partner
Implementing Web Application Proxy
Performing a Workplace Join

Module 12: Monitoring and Maintaining Windows Server 2012

Monitoring Windows Server 2012
Implementing Windows Server Backup
Implementing Server and Data Recovery

Lab : Monitoring and Maintaining Windows 2012 Servers

Configuring Centralized Monitoring for Servers Running Windows Server 2012
Backing Up Servers Running Windows Server 2012
Restoring Files by Using Windows Server Backup

INFO

Esame: 70-417 - Upgrading Your Skills to MCSA Windows Server 2012

Manuale: Il Materiale Didattico Ufficiale per tutti i corsi Microsoft MOC può essere richiesto, se disponibile, in forma elettronica (DMOC) invece che cartacea e lo studente iscritto potrà scaricarlo dal sito Microsoft. Chi acquista un DMOC ha diritto a consultare tutte le versioni del manuale, sia quelle precedenti a quella che acquista sia quelle che usciranno successivamente, dove troverà corretti eventuali errori e/o le novità del prodotto.

Prezzo manuale: 250 € incluso nel prezzo del corso

Natura del corso: Operativo (previsti lab su PC)