



MS20410 - Installing and Configuring Windows Server 2012

Microsoft - Windows Server 2012 - Sistemistica

Durata:

5 Giorni

Lingue:

Italiano

Certificazione:

MCSA Windows Server 2012

Descrizione del corso

This course is part one of a three-part series that provides the skills and knowledge necessary to implement a core Windows Server 2012 infrastructure in an existing enterprise environment. The three courses collectively cover implementing, managing, maintaining, and provisioning services and infrastructure in a Windows Server 2012 environment. While there is some cross-over in skills and tasks across the courses, this course primarily covers the initial implementation and configuration of core services including Active Directory Domain Services (AD DS), networking services, and Microsoft Hyper-V Server 2012 configuration. This course maps directly to and is the preferred choice for hands-on preparation for the Microsoft Certified Solutions Associate (MCSA) Exam 410: Installing and Configuring Windows Server 2012, which is the first of three exams required for the MCSA: Windows Server 2012 credential.

Programma

1. Deploying and Managing Windows Server 2012
 - Windows Server 2012 R2 Overview
 - Installing Windows Server 2012 R2
 - Post-Installation Configuration of Windows Server 2012 R2
 - Overview of Windows Server 2012 R2 Management
 - Introduction to Windows PowerShell
2. Introduction to Active Directory Domain Services
 - Overview of AD DS
 - Overview of Domain Controllers
 - Installing a Domain Controller

ITCore Group

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3. Managing Active Directory Domain Services Objects
 - Managing User Accounts
 - Managing Groups
 - Managing Computer Accounts
 - Delegating Administration
4. Automating Active Directory Domain Services Administration
 - Using Command-line Tools for AD DS Administration
 - Using Windows PowerShell for AD DS Administration
 - Performing Bulk Operations with Windows PowerShell
5. Implementing IPv4
 - Overview of TCP/IP
 - Understanding IPv4 Addressing
 - Subnetting and Supernetting
 - Configuring and Troubleshooting IPv4
6. Implementing Dynamic Host Configuration Protocol
 - Installing a DHCP Server Role
 - Configuring DHCP Scopes
 - Managing a DHCP Database
 - Securing and Monitoring DHCP
7. Implementing DNS
 - Name Resolution for Windows Clients and Servers
 - Installing a DNS Server
 - Managing DNS Zones
8. Implementing IPv6
 - Overview of IPv6
 - IPv6 Addressing
 - Coexistence with IPv4
 - IPv6 Transition Technologies
9. Implementing Local Storage
 - Overview of Storage
 - Managing Disks and Volumes
 - Implementing Storage Spaces
10. Implementing File and Print Services
 - Securing Files and Folders
 - Protecting Shared Files and Folders by Using Shadow Copies
 - Configuring Work Folders
 - Configuring Network Printing

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- 11. Implementing Group Policy
 - Overview of Group Policy
 - Group Policy Processing
 - Implementing a Central Store for Administrative Templates
- 12. Securing Windows Servers Using Group Policy Objects
 - Windows Operating Systems Security Overview
 - Configuring Security Settings
 - Restricting Software
 - Configuring Windows Firewall with Advanced Security
- 13. Implementing Server Virtualization with Hyper-V
 - Overview of Virtualization Technologies
 - Implementing Hyper-V
 - Managing Virtual Machine Storage
 - Managing Virtual Networks

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