MS20743 - Upgrading Your Skills to MCSA: Windows Server 2016

Microsoft - Windows Server 2016 - Sistemistica

Durata:	Lingue:	Certificazione:
5 Giorni	**Italiano**	**MCSA Windows Server 2016**

Descrizione del corso

This five-day, instructor-led course explains how to implement and configure new Windows Server 2016 features and functionality. This course is for information technology (IT) professionals who want to upgrade their technical skills from Windows Server 2008 or Windows Server 2012 to Windows Server 2016. This course presumes a high level of knowledge about previous Windows Server technologies and skills equivalent to the Microsoft Certified Solutions Associate (MCSA): Windows Server 2008 or Windows Server 2012 credential.

Programma

1. Module 1: Installing and configuring Windows Server 2016
    - Introducing Windows Server 2016
    - Installing Windows Server 2016
    - Configuring Windows Server 2016
    - Preparing for upgrades and migrations
    - Migrating server roles and workloads
    - Windows Server activation models
2. Module 2: Overview of storage in Windows Server 2016
    - Overview of storage in Windows Server 2016
    - Implementing Data Deduplication
    - Configuring iSCSI storage
    - Configuring the Storage Spaces feature in Windows Server 2016
3. Module 3: Implementing Directory Services
    - Deploying Active Directory domain controllers

- Implementing service accounts
- Azure AD

4. Module 4: Implementing AD FST
    - Overview of AD FS
    - Deploying AD FS
    - Implementing AD FS for a single organization
    - Implementing Web Application Proxy
    - Implementing SSO with Microsoft Online Services
5. Module 5: Implementing network services
    - Overview of networking enhancements
    - Implementing IPAM
    - Managing IP address spaces with IPAM
6. Module 6: Implementing Hyper-V
    - Configuring the Hyper-V role in Windows Server 2016
    - Configuring Hyper-V storage
    - Configuring Hyper-V networking
    - Configuring Hyper-V virtual machines
7. Module 7: Configuring advanced networking features
    - Overview of high-performance networking features
    - Configuring advanced Hyper-V networking features
8. Module 8: Implementing Software Defined Networking.
    - Overview of Software Defined Networking
    - Implementing network virtualization
    - Implementing Network Controller
9. Module 9: Implementing remote access
    - Remote access overview
    - Implementing DirectAccess
    - Implementing VPN
10. Module 10: Deploying and managing Windows Server and Hyper-V containers
    - Overview of containers in Windows Server 2016
    - Deploying Windows Server and Hyper-V containers
    - Installing, configuring, and managing containers by using Docker
11. Module 11: 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 stretch cluste
12. Module 12: Implementing failover clustering with Windows Server 2016 Hyper-V
    - Overview of the integration of Hyper-V Server 2016 with failover clustering
    - Implementing Hyper-V virtual machines on failover clusters
    - Implementing Windows Server 2016 Hyper-V virtual machine migration
    - Implementing Hyper-V Replica