

MOC 20743B

Upgrading Your Skills to MCSA: Windows Server 2016

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

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

MODULE 3: IMPLEMENTING DIRECTORY SERVICES

- ✓ Deploying Active Directory domain controllers
- ✓ Implementing service accounts
- ✓ Azure AD

MODULE 4: IMPLEMENTING AD FS

- ✓ Overview of AD FS
- ✓ Deploying AD FS
- ✓ Implementing AD FS for a single organization
- ✓ Implementing Web Application Proxy
- ✓ Implementing SSO with Microsoft Online Services

MODULE 5: IMPLEMENTING NETWORK SERVICES

- ✓ Overview of networking enhancements
- ✓ Implementing IPAM
- ✓ Managing IP address spaces with IPAM

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

MODULE 7: CONFIGURING ADVANCED NETWORKING FEATURES

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- ✓ Overview of high-performance networking features
- ✓ Configuring advanced Hyper-V networking features

MODULE 8: IMPLEMENTING SOFTWARE DEFINED NETWORKING

- ✓ Overview of SDN
- ✓ Implementing network virtualization
- ✓ Implementing Network Controller

MODULE 9: IMPLEMENTING REMOTE ACCESS

- ✓ Remote access overview
- ✓ Implementing DirectAccess
- ✓ Implementing VPN

MODULE 10: DEPLOYING AND MANAGING WINDOWS AND HYPER-V CONTAINERS

- ✓ Overview of containers in Windows Server 2016
- ✓ Preparing to deploy containers
- ✓ Installing, configuring, and managing containers by using Docker

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 cluster

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

Sono previste esercitazioni pratiche su tutti gli argomenti trattati