

MCSA: Windows Server 2012

The skills for your professional career

Prove your mastery of the primary set of Windows Server 2012 skills required to reduce IT costs and deliver more business value. Earning an MCSA: Windows Server 2012 certification qualifies you for a position as a network or computer systems administrator or as a computer network specialist, and it is the first step on your path to becoming a [Microsoft Certified Solutions Expert \(MCSE\)](#).

Step	Title	Required exam
1	Installing and Configuring Windows Server 2012	410
2	Administering Windows Server 2012	411
3	Configuring Advanced Windows Server 2012 Services	412

Exam 410

1) Install and configure servers

- Install servers
- Configure servers
- Configure local storage

2) Configure server roles and features

- Configure file and share access
- Configure print and document services
- Configure servers for remote management

3) Configure Hyper-V

- Create and configure virtual machine settings
- Create and configure virtual machine storage
- Create and configure virtual networks

4) Deploy and configure core network services

- Configure IPv4 and IPv6 addressing
- Deploy and configure Dynamic Host Configuration Protocol (DHCP) service

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- Deploy and configure DNS service

5) Install and administer Active Directory

- Install domain controllers
- Create and manage Active Directory users and computers
- Create and manage Active Directory groups and organisational units (OUs)

6) Create and manage Group Policy

- Create Group Policy objects (GPOs)
- Configure security policies
- Configure application restriction policies
- Configure Windows Firewall

Exam 411

1) Deploy, manage and maintain servers

- Deploy and manage server images
- Implement patch management
- Monitor servers

2) Configure File and Print Services

- Configure Distributed File System (DFS)
- Configure File Server Resource Manager (FSRM)
- Configure file and disk encryption
- Configure advanced audit policies

3) Configure network services and access

- Configure DNS zones
- Configure DNS records
- Configure virtual private networks (VPN) and routing
- Configure DirectAccess

4) Configure a Network Policy Server (NPS) infrastructure

- Configure Network Policy Server
- Configure NPS policies
- Configure Network Access Protection (NAP)

5) Configure and manage Active Directory

- Configure service authentication
- Configure domain controllers
- Maintain Active Directory
- Configure account policies

6) Configure and manage Group Policy

- Configure Group Policy processing
- Configure Group Policy settings
- Manage Group Policy objects (GPOs)
- Configure Group Policy preferences (GPP)

Exam 412

1) Configure and manage high availability

- Configure Network Load Balancing (NLB)
- Configure failover clustering
- Manage failover clustering roles
- Manage VM movement

2) Configure file and storage solutions

- Configure advanced file services
- Implement Dynamic Access Control (DAC)
- Configure and optimise storage

3) Implement business continuity and disaster recovery

- Configure and manage backups
- Recover servers
- Configure site-level fault tolerance

4) Configure Network Services

- Implement an advanced Dynamic Host Configuration Protocol (DHCP) solution
- Implement an advanced DNS solution
- Deploy and manage IP Address Management (IPAM)

5) Configure the Active Directory infrastructure

- Configure a forest or a domain
- Configure trusts
- Configure sites
- Manage Active Directory and SYSVOL replication

6) Configure Identity and Access Solutions

- Implement Active Directory Federation Services (AD FS)
- Install and configure Active Directory Certificate Services (AD CS)
- Manage certificates
- Install and configure Active Directory Rights Management Services (AD RMS)