



70-412

MCSA Windows Server 2012

A Success Guide to Prepare-
Microsoft Configuring Advanced Windows Server 2012 Services

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Introduction to 70-412 Exam on Configuring Advanced Windows Server 2012 Services

Use this quick start guide to collect all the information about Microsoft Configuring Advanced Windows Server 2012 Services (70-412) Certification exam. This study guide provides a list of objectives and resources that will help you prepare for items on the 70-412 Configuring Advanced Windows Server 2012 Services exam. The Sample Questions will help you identify the type and difficulty level of the questions and the Practice Exams will make you familiar with the format and environment of an exam. You should refer this guide carefully before attempting your actual Microsoft MCSA Windows Server 2012 certification exam.

The Microsoft Configuring Advanced Windows Server 2012 Services certification is mainly targeted to those candidates who want to build their career in Windows Server domain. The Microsoft Certified Solutions Associate (MCSA) - Windows Server 2012 exam verifies that the candidate possesses the fundamental knowledge and proven skills in the area of Microsoft MCSA Windows Server 2012.

Microsoft 70-412 Certification Details:

Exam Name	Microsoft Certified Solutions Associate (MCSA) - Windows Server 2012
Exam Code	70-412
Exam Price	\$165 (USD)
Duration	120 min
Number of Questions	45-55
Passing Score	700 / 1000
Books / Training	20412D
Schedule Exam	Pearson VUE
Sample Questions	Microsoft Configuring Advanced Windows Server 2012 Services Sample Questions
Practice Exam	Microsoft 70-412 Certification Practice Exam

Microsoft 70-412 Exam Syllabus:

Topic	Details	Weights
Configure and manage high availability	<p>Configure Network Load Balancing (NLB) - Install NLB nodes, configure NLB prerequisites, configure affinity, configure port rules, configure cluster operation mode, upgrade an NLB cluster</p> <p>Configure failover clustering - Configure quorum, configure cluster networking, restore single node or cluster configuration, configure cluster storage, implement Cluster-Aware Updating, upgrade a cluster, configure and optimise clustered shared volumes, configure clusters without network names, configure storage spaces</p> <p>Manage failover clustering roles - Configure role-specific settings, including continuously available shares; configure virtual machine (VM) monitoring; configure failover and preference settings; configure guest clustering</p> <p>Manage VM movement - Perform live migration; perform quick migration; perform storage migration; import, export and copy VMs; configure VM network health protection; configure drain on shutdown</p>	15-20%
Configure file and storage solutions	<p>Configure advanced file services - Configure Network File System (NFS) data store, configure BranchCache, configure File Classification Infrastructure (FCI) using File Server Resource Manager (FSRM), configure file access auditing</p> <p>Implement Dynamic Access Control (DAC) - Configure user and device claim types, implement policy changes and staging, perform access-denied remediation, configure file classification, create and configure Central Access rules and policies, create and configure resource properties and lists</p>	15-20%

Topic	Details	Weights
	Configure and optimise storage - Configure iSCSI target and initiator, configure Internet Storage Name server (iSNS), implement thin provisioning and trim, manage server free space using Features on Demand, configure tiered storage	
Implement business continuity and disaster recovery	Configure and manage backups - Configure Windows Server backups, configure Microsoft Azure backups, configure role-specific backups, manage VSS settings using VSSAdmin Recover servers - Restore from backups, perform a Bare Metal Restore (BMR), recover servers using Windows Recovery Environment (Win RE) and safe mode, configure the Boot Configuration Data (BCD) store Configure site-level fault tolerance - Configure Hyper-V Replica, including Hyper-V Replica Broker and VMs; configure multi-site clustering, including network settings, Quorum and failover settings; configure Hyper-V Replica extended replication; configure Global Update Manager; recover a multi-site failover cluster	15-20%
Configure Network Services	Implement an advanced Dynamic Host Configuration Protocol (DHCP) solution - Create and configure superscopes and multicast scopes; implement DHCPv6; configure high availability for DHCP, including DHCP failover and split scopes; configure DHCP Name Protection; configure DNS registration Implement an advanced DNS solution - Configure security for DNS, including Domain Name System Security Extensions (DNSSEC), DNS Socket Pool, and cache locking; configure DNS logging; configure delegated administration; configure recursion; configure netmask ordering;	15-20%

Topic	Details	Weights
	<p>configure a GlobalNames zone; analyse zone level statistics</p> <p>Deploy and manage IP Address Management (IPAM)</p> <ul style="list-style-type: none"> - Provision IPAM manually or by using Group Policy, configure server discovery, create and manage IP blocks and ranges, monitor utilisation of IP address space, migrate to IPAM, delegate IPAM administration, manage IPAM collections, configure IPAM database storage 	
Configure the Active Directory infrastructure	<p>Configure a forest or a domain</p> <ul style="list-style-type: none"> - Implement multi-domain and multi-forest Active Directory environments, including interoperability with previous versions of Active Directory; upgrade existing domains and forests, including environment preparation and functional levels; configure multiple user principal name (UPN) suffixes <p>Configure trusts</p> <ul style="list-style-type: none"> - Configure external, forest, shortcut and realm trusts; configure trust authentication; configure SID filtering; configure name suffix routing <p>Configure sites</p> <ul style="list-style-type: none"> - Configure sites and subnets, create and configure site links, manage site coverage, manage registration of SRV records, move domain controllers between sites <p>Manage Active Directory and SYSVOL replication</p> <ul style="list-style-type: none"> - Configure replication to Read-Only Domain Controllers (RODCs), configure Password Replication Policy (PRP) for RODC, monitor and manage replication, upgrade SYSVOL replication to Distributed File System Replication (DFSR) 	15-20%

Topic	Details	Weights
Configure Identity and Access Solutions	<p>Implement Active Directory Federation Services (AD FS) - Install AD FS; implement claims-based authentication, including Relying Party Trusts; configure authentication policies; configure Workplace Join; configure multi-factor authentication</p> <p>Install and configure Active Directory Certificate Services (AD CS) - Install an Enterprise Certificate Authority (CA), configure certificate revocation lists (CRL) distribution points, install and configure Online Responder, implement administrative role separation, configure CA backup and recovery</p> <p>Manage certificates - Manage certificate templates; implement and manage certificate deployment, validation, and revocation; manage certificate renewal; manage certificate enrolment and renewal to computers and users using Group Policies; configure and manage key archival and recovery</p> <p>Install and configure Active Directory Rights Management Services (AD RMS) - Install a licensing or certificate AD RMS server, manage AD RMS Service Connection Point (SCP), manage RMS templates, configure Exclusion Policies, back up and restore AD RMS</p>	15-20%

70-412 Sample Questions:

01. Which of the following CA types would you deploy if you wanted to deploy a CA at the top of a hierarchy that could issue signing certificates to other CAs and which would be taken offline if not issuing, renewing, or revoking signing certificates?

- a) Enterprise root
- b) Enterprise subordinate
- c) Standalone root
- d) Standalone subordinate

02. Which of the following services of Active Directory is responsible for maintaining the replication topology?

- a) File Replication Service
- b) Knowledge Consistency Checker
- c) Windows Internet Name Service
- d) Domain Name System

03. In which of the following scenarios might you need to upgrade SYSVOL replication from FRS to DFSR?

- a) The first domain controllers installed in the domain were running Windows 2000 Server.
- b) The first domain controllers installed in the domain were running Windows Server 2003.
- c) The first domain controllers installed in the domain were running Windows Server 2008.
- d) The first domain controllers installed in the domain were running Windows Server 2008 R2.

04. Which security groups must a user account be a member of to modify the AD RMS SCP?

- a) Domain Admins
- b) AD RMS Enterprise Administrators
- c) Enterprise Admins
- d) Cryptographic Operators.

05. Which of the following applications would be better suited on a failover cluster instead of a network load-balanced cluster?

- a) SQL Server
- b) Website
- c) Exchange Mailbox Server
- d) VPN services

06. You enable the Boot Logging option on the Advanced Boot Options menu. Where can you find the log file that is created?

- a) \Windows\netlog.txt
- b) \Windows\System32\netlog.txt
- c) \Windows\ntbtlog.txt
- d) \Windows\System32\netboot.log

07. Which type of scope would you configure if you needed to lease IP addresses in the following range: 224.0.0.0 to 239.255.255.255?

- a) Split scope
- b) Superscope
- c) Multicast scope
- d) DHCPv6 scope

08. The new Workplace Join feature supports which of following?

- a) Federates an iPhone to the corporate intranet
- b) Allows Windows 8 clients to process claim-based trusts
- c) Allows Windows 8 clients to form claim-based trusts automatically with the home domain
- d) None of the above

09. What is the default TCP port for iSCSI?

- a) 3260
- b) 1433
- c) 21
- d) 3389

10. You have configured high availability for a cluster-aware application named ProseWareApp in a 2-node failover cluster named Cluster1. The physical nodes in Cluster1 are named Node1 and Node2; they are both running Hyper-V in Windows Server 2012 R2. Node1 is currently the active node for ProseWareApp.

You want to configure Cluster1 to perform critical Windows Updates with a minimum of administrative effort and a minimum of downtime for ProseWareApp users. What should you do?

- a) Drain the roles on Node1 and then start Windows Update on Node1.
- b) In Server Manager on Node1, right-click Cluster1 and select Update Cluster.
- c) Configure Cluster-Aware Updating to add the CAU clustered role to Cluster1 with self-updating mode enabled.
- d) Configure Task Scheduler to run Windows Update daily on Node1 outside of business hours.

Answers to 70-412 Exam Questions:

Question: 01 Answer: c	Question: 02 Answer: b	Question: 03 Answer: a, b	Question: 04 Answer: b, c	Question: 05 Answer: a, c
Question: 06 Answer: c	Question: 07 Answer: c	Question: 08 Answer: a, b, c	Question: 09 Answer: a	Question: 10 Answer: c

Note: If you find any typo or data entry error in these sample questions, we request you to update us by commenting on this page or write an email on feedback@edusum.com