

- **Vendor: Microsoft**
- **Exam Code: 70-743**
- **Exam Name: Upgrading Your Skills to MCSA: Windows Server 2016**
- **Question 21 – Question 40**

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QUESTION 21

Hotspot Question

Your network contains an Active Directory forest. The forest contains two domain controllers named DC1 and DC2 that run Windows Server 2016. DC1 holds all of the operations master roles. DC1 experiences a hardware failure. You plan to use an automated process that will create 1000 user accounts. You need to ensure that the automated process can complete successfully. Which command should you run? (To answer, select the appropriate options in the answer area.)

<input type="text" value="Move-ADDirectoryServerOperatinMasterRole ntdsutil"/>	<input type="text" value="-identity 'DC2' -OperationMasterRole"/>	<input type="text" value="PDCEmulator InfrastructureMaster RIDMaster SchemaMaster"/>	<input type="text" value="Seize pdc -Force"/>
--	---	--	---

Answer:

<input type="text" value="Move-ADDirectoryServerOperatinMasterRole ntdsutil"/>	<input type="text" value="-identity 'DC2' -OperationMasterRole"/>	<input type="text" value="PDCEmulator InfrastructureMaster RIDMaster SchemaMaster"/>	<input type="text" value="Seize pdc -Force"/>
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QUESTION 22

Hotspot Question

Your network contains an Active Directory forest. The forest contains one domain named contoso.com. The domain contains two domain controllers named DC1 and DC2. DC1 holds all of the operations master roles. During normal network operations, you run the following commands on DC2:

```
Move-ADDirectoryServerOperationMasterRole-Identity "DC2" -
OperationMasterRolePDCEmulator Move-
ADDirectoryServerOperationMasterRole-Identity "DC2" -
OperationMasterRoleRIDMaster DC1 fails.
```

You remove DC1 from the network, and then you run the following command:

```
Move-ADDirectoryServerOperationMasterRole -Identity "DC2" -
OperationMasterRoleSchemaMaster
```

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

Statements	Yes	No
DC2 holds the schema master operations role.	<input type="radio"/>	<input type="radio"/>
DC2 holds the PDC emulator master operations role.	<input type="radio"/>	<input type="radio"/>
Currently, you can add additional domains to the forest.	<input type="radio"/>	<input type="radio"/>

Answer:

Statements	Yes	No
DC2 holds the schema master operations role.	<input type="radio"/>	<input checked="" type="radio"/>
DC2 holds the PDC emulator master operations role.	<input checked="" type="radio"/>	<input type="radio"/>
Currently, you can add additional domains to the forest.	<input type="radio"/>	<input checked="" type="radio"/>

QUESTION 23

Drag and Drop Question

You install a new Nano Server named Nano1. Nano1 is a member of a workgroup and has an IP address of 192.168.1.10. You have a server named Server1 that runs Windows Server 2016. From Server1, you need to establish a Windows PowerShell session to Nano1. How should you complete the PowerShell script? (To answer, drag the appropriate cmdlets to the correct targets. Each cmdlet may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.)

Enable-PSRemoting

Enter-PSSession

Set-Item

Set-ItemProperty

Set-LocalUser

\$ip = "192.168.1.10"

\$user = "Administrator"

WSMan:\localhost\Client\TrustedHosts
"192.168.1.10"

-ComputerName \$ip -Credential \$user

Answer:

Enable-PSRemoting

Enter-PSSession

Set-Item

Set-ItemProperty

Set-LocalUser

\$ip = "192.168.1.10"

\$user = "Administrator"

Set-Item WSMan:\localhost\Client\TrustedHosts
"192.168.1.10"

Enter-PSSession -ComputerName \$ip -Credential \$user

Explanation:

[https://msdn.microsoft.com/en-us/library/mt708805\(v=vs.85\).aspx](https://msdn.microsoft.com/en-us/library/mt708805(v=vs.85).aspx)

QUESTION 24

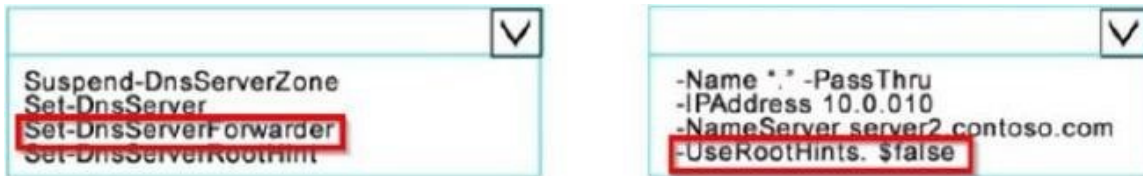
Hotspot Question

Your network contains an Active Directory domain named contoso.com. The domain contains a DNS server named Server1. Server1 configured to use a forwarder named server2.contoso.com that has an IP address of 10.0.0.10. You need to prevent Server1 from using root hints if the forwarder is unavailable. What command should you run? (To answer, select the appropriate options in the answer area.)

Suspend-DnsServerZone
Set-DnsServer
Set-DnsServerForwarder
Set-DnsServerRootHint

-Name "*" -PassThru
-IPAddress 10.0.0.10
-NameServer server2.contoso.com
-UseRootHints \$false

Answer:



QUESTION 25

You have a Nano Server named Nano1. Which cmdlet should you use to identify whether the DNS Server role is installed on Nano1?

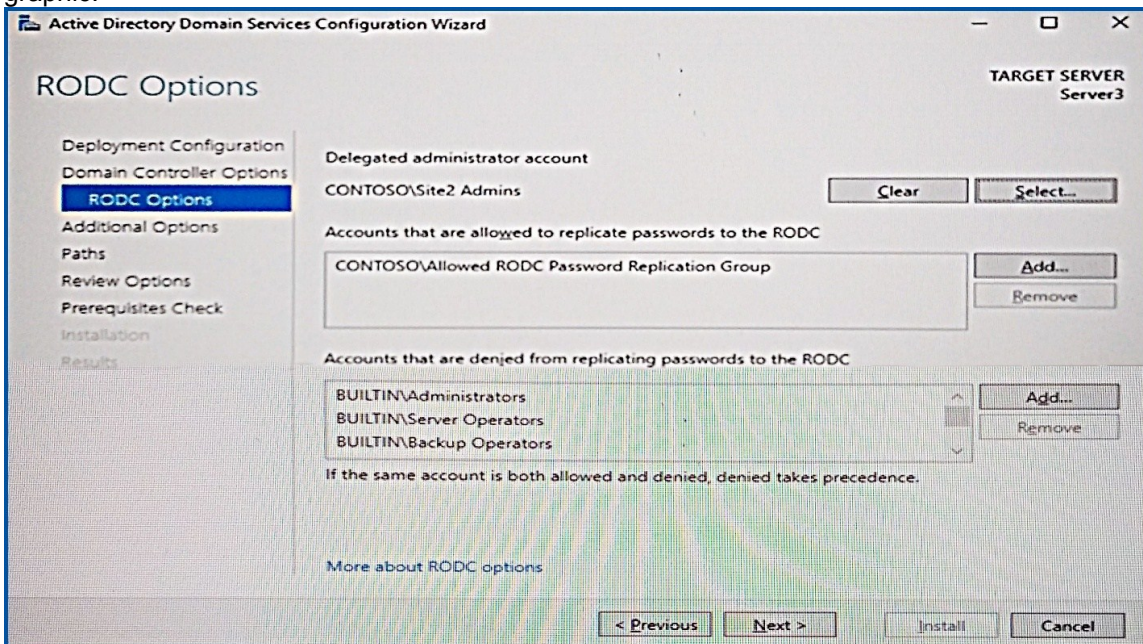
- A. Find-NanoServerPackage
- B. Get-Package
- C. Find-Package
- D. Get-Windows Optional Feature

Answer: B

QUESTION 26

Hotspot Question

Your network contains an Active Directory forest. The forest contains two sites named Site1 and Site2. Site1 contains 10 domain controllers Site1 and Site2 connect to each other by using a WAN link. You run the Active Directory Domain Services Configuration Wizard as shown in the following graphic.



Server3 is the only server in Site2. Use the drop-down menus to select the answer choice that completes each statement based on the information graphic.

Members of the Site2 Admins group will be able to [answer choice] on Server 3.

make updates to SYSVOL content
manage the password replication policy
stop and start Active Directory Domain Services (AD DS)

If the WAN link fails, users who are members of the Allowed RODC Password Replication Group [answer choice] in Site2.

will be prevented from logging on
will log on with reduced security rights
can log on if they have previously logged on

Answer:

Members of the Site2 Admins group will be able to [answer choice] on Server 3.

make updates to SYSVOL content
manage the password replication policy
stop and start Active Directory Domain Services (AD DS)

If the WAN link fails, users who are members of the Allowed RODC Password Replication Group [answer choice] in Site2.

will be prevented from logging on
will log on with reduced security rights
can log on if they have previously logged on

QUESTION 27

You deploy a Hyper-V server named Served in an isolated test environment. The test environment is prevented from accessing the Internet Server1 runs the Datacenter edition of Windows Server 2016. You plan to deploy the following guest virtual machines on the server.

Quantity	Operating system	Domain member
10	Windows Server 2012 R2	Yes
4	Windows Server 2016	No
5	Windows Server 2016	Yes

Which activation model should you use for the virtual machines'?

- A. Multiple Activation Key (MAK)
- B. Automatic Virtual Machine Activation (AVMA)
- C. Original Equipment Manufacturer (OEM) key
- D. Key Management Service (KMS)

Answer: B

Explanation:

On virtualization servers that are activated using Volume Licensing or OEM licensing, AVMA offers several benefits. Server datacenter managers can use AVMA to do the following:

* Activate virtual machines in remote locations

- * Activate virtual machines with or without an internet connection
- * Track virtual machine usage and licenses from the virtualization server, without requiring any access rights on the virtualized systems

Note: AVMA requires a Microsoft Virtualization Server running Windows Server 2012 R2 Datacenter or Windows Server 2016 Datacenter.

QUESTION 28

Hotspot Question

Your network contains an Active Directory domain named contoso.com. The domain contains a DNS server named Server1. You enable Response Rate Limiting on Server1. You need to prevent Response Rate Limiting from applying to hosts that reside on the network of 10.0.0.0/24. Which cmdlets should you run? (To answer, select the appropriate options in the answer area.)

First cmdlet to run:

Add-DnsServerClientSubnet
Enable-DnsServerPolicy
Set-DnsServerResponseRateLimiting
Set-DnsServerResponseRateLimitingExceptionlist

Second cmdlet to run:

Add-DnsServerResponseRateLimitingExceptionlist
Add-DnsServerQueryResolutionPolicy
Add-DnsServerZoneScope
Set-DnsServerDsSetting

Answer:

First cmdlet to run:

Add-DnsServerClientSubnet
Enable-DnsServerPolicy
Set-DnsServerResponseRateLimiting
Set-DnsServerResponseRateLimitingExceptionlist

Second cmdlet to run:

Add-DnsServerResponseRateLimitingExceptionlist
Add-DnsServerQueryResolutionPolicy
Add-DnsServerZoneScope
Set-DnsServerDsSetting

QUESTION 29

Drag and Drop Question

You are deploying DirectAccess to a server named DA1. DA1 will be located behind a firewall and will have a single network adapter. The intermediary network will be IPv4. You need to configure firewall to support DirectAccess. Which firewall rules should you create for each type of traffic? (To answer, drag the appropriate ports and protocols to the correct traffic types. Each port and protocol may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.)

Ports and Protocols		Answer Area	
IP protocol ID 1	IP Protocol ID 41	Teredo traffic:	
TCP 443	UDP 3544	6to4 traffic:	
		IP-HTTPS:	

Answer:

Ports and Protocols		Answer Area	
		Teredo traffic:	UDP 3544
	IP protocol ID 1	6to4 traffic:	IP Protocol ID 41
		IP-HTTPS:	TCP 443

QUESTION 30

You have a Nano Server named Nano1. You deploy several containers to Nano1 that use an image named Image1. You need to deploy a new container to Nano1 that uses Image1. What should you run?

- A. the Install-NanoServerPackage cmdlet
- B. the Install-Windows Feature cmdlet
- C. the docker load command
- D. the docker run command

Answer: D

Explanation:

When an operator executes docker run, the container process that runs is isolated in that it has its own file system, its own networking, and its own isolated process tree separate from the host. The basic docker run command takes this form:

```
$ docker run [OPTIONS] IMAGE[:TAG|@DIGEST] [COMMAND] [ARG...]
```

QUESTION 31

Drag and Drop Question

You have a server named Server1 that runs Windows Server 2016. You plan to deploy Internet Information Services (US) in a Windows container. You need to prepare Server1 for the planned deployment. Which three actions should you perform in sequence? (To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.)

Actions	Answer Area
Install the Hyper-V server role.	1. <input type="text"/>
Install the Base Container Images.	2. <input type="text"/>
Install the Container feature.	3. <input type="text"/>
Install the Web Server role.	
Install Docker.	

Answer:

Actions	Answer Area
Install the Hyper-V server role.	1. <input type="text" value="Install the Container feature."/>
	2. <input type="text" value="Install Docker."/>
	3. <input type="text" value="Install the Base Container Images."/>
Install the Web Server role.	

QUESTION 32

You have a Hyper-V host named Served That runs Windows Server 2016. Server1 has a virtual machine named VM1, VM1 is configured to run the Docker daemon. On VM1 you have a container network that uses transparent mode. You need to ensure that containers that run on VM1 can obtain IP addresses from DHCP. What should you do?

- A. On VM1, run docker network connect.
- B. On Server1, run Get-VMNetworkAdapter-VMName VM1| Set-VMNetworkAdapter-MacAddressSpoofing On.
- C. On Server1, run docker network connect.
- D. On VM1, run Get-VMNetworkAdapter-VMName VM1| Set-VMNetworkAdapter-MacAddressSpoofing On.

Answer: B

QUESTION 33

You have a server named Served that runs Windows Server 2016. Server1 will be used as a VPN server. You need to configure Server1 to support VPN Reconnect. Which VPN protocol should you use?

- A. PPTP
- B. L2TP
- C. SSTP
- D. IKEv2

Answer: D

QUESTION 34

You have a server named Server1 that runs Windows Server 2016. You install the Docker daemon on Server1. You need to configure the Docker daemon to accept connections only on TCP port 64500. What should you do?

- A. Run the New-NetFirewallRule cmdlet
- B. Run the Set-ServiceWindows PowerShell cmdlet
- C. Edit the daemon.json file
- D. Edit the configuration.json file

Answer: C

Explanation:

Configure Docker with Configuration File. The preferred method for configuring the Docker Engine on Windows is using a configuration file. The configuration file can be found at 'c:\ProgramData\docker\config\daemon.json'. Only the desired configuration changes need to be added to the configuration file. For example, this sample configures the Docker Engine to accept incoming connections on port 64500. All other configuration options will use default values.

```
{  
  "hosts": ["tcp://0.0.0.0:64500"]  
}
```

[https://msdn.microsoft.com/en-](https://msdn.microsoft.com/en-us/virtualization/windowscontainers/docker/configure_docker_daemon)

[us/virtualization/windowscontainers/docker/configure_docker_daemon](https://msdn.microsoft.com/en-us/virtualization/windowscontainers/docker/configure_docker_daemon)

QUESTION 35

You have an Active Directory domain named contoso.com. The domain contains servers named Server1 and Server2 that run Windows Server 2016. You install the Remote Access server role on Server1. You install the Network Policy and Access Services server role on Server2. You need to configure Server1 to use Server2 as a RADIUS server. What should you do?

- A. From Routing and Remote Access, configure the authentication provider.
- B. From the Connection Manager Administration Kit, create a Connection Manager profile.
- C. From Server Manager, create an Access Policy.
- D. From Active Directory Users and Computers, modify the Delegation settings of the Server1 computer account.

Answer: A

QUESTION 36

Hotspot Question

You have a server that runs Windows Server 2016. You run the commands shown in the following output.

```
PS G:\> Get-DedupVolume | f1
```

```
Volume           : G:
VolumeId          : \\?\Volume{2efa2f6e-db4a-4bb1-aa15-31ae8b073d16}\
Enabled           : True
UsageType         : Default
DataAccessEnabled : True
Capacity          : 923.87 GB
FreeSpace         : 393.98 GB
UsedSpace         : 529.89 GB
UnoptimizedSize   : 1008.7 GB
SavedSpace        : 478.82 GB
SavingsRate       : 47%
MinimumFileAgeDays : 3
MinimumFileSize   : 32768
NoCompress        : False
ExcludeFolder     :
ExcludeFileType   :
ExcludeFileTypeDefault : {edb, jrs}
NoCompressionFileType : {asf, mov, wma, wmv...}
ChunkRedundancyThreshold : 100
Verify            : False
OptimizeInUseFiles : False
OptimizePartialFiles : False
```

```
PS G:\> Get-Date
```

```
Tuesday, June 21, 2016 5:29:58 PM
```

```
PS G:\DC01> dir | select Mode,LastWriteTime,Length,Name | ft -AutoSize
```

Mode	LastWriteTime	Length	Name
d----	2/18/2015 11:54:56 AM		Snapshots
d----	2/18/2015 12:11:42 PM		Virtual Machines
-a---	6/21/2016 5:27:40 PM	51539608064	DC01.vhd
-a---	6/18/2016 7:00:00 AM	12400	Readme.txt
-a---	1/5/2015 7:00:00 AM	3939235840	Software.iso

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

Answer Area

Statements	Yes	No
DC01.vhd will be processed by deduplication.	<input type="radio"/>	<input type="radio"/>
Readme.txt will be processed by deduplication.	<input type="radio"/>	<input type="radio"/>
Software.iso will be processed by deduplication.	<input type="radio"/>	<input type="radio"/>

Answer:

Answer Area

Statements	Yes	No
DC01.vhd will be processed by deduplication.	<input type="radio"/>	<input checked="" type="radio"/>
Readme.txt will be processed by deduplication.	<input type="radio"/>	<input checked="" type="radio"/>
Software.iso will be processed by deduplication.	<input checked="" type="radio"/>	<input type="radio"/>

Explanation:

Box 1: The LastWriteTime of DC01.vhd was on June 21, 2016, and the current date is also June 21, 2016, but the MinimumFileAgeDays is 3. MinimumFileAgeDays specifies a number of days. The deduplication engine optimizes files that users have not accessed in the number of days that you specify. If the last access time is not available, then the deduplication engine uses the last modified time.

Box 2: The size of Readme.txt, 12400 bytes, is less than the Minimum File size, 32768 bytes. MinimumFileSize specifies the minimum size threshold, in bytes, for files that are optimized. The deduplication engine does not optimize files that do not meet the minimum threshold.

Box 3: The Software ISO file is both large and old enough for deduplication.

<https://technet.microsoft.com/en-us/library/hh848438.aspx>

QUESTION 37

Drag and Drop Question

You have a server that runs Windows Server 2016. You install three additional physical disks named Disk1, Disk2 and Disk3. You plan to use these physical disks to store data. You need to create a volume to store data. The solution must prevent data loss in the event of a single disk failure. Which three actions should you perform in sequence? (To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.)

Actions

Assign a Storage Tier to a virtual disk.

Create a Storage Pool.

Create a new Storage Tier.

Create a Virtual Disk Clone.

Create a Volume.

Create a Virtual Disk.

Answer Area



Answer:

Actions

Assign a Storage Tier to a virtual disk.

Create a new Storage Tier.

Create a Virtual Disk Clone.

Answer Area

Create a Storage Pool.



Create a Virtual Disk.

Create a Volume.



Explanation:

<http://www.tactig.com/create-a-storage-pool-windows-server/>

QUESTION 38

You have a server that runs Windows Server 2016. The server contains a storage pool named Pool1. Pool1 contains five physical disks named Disk1, Disk2, Disk3, Disk4 and Disk5. A virtual disk named VirtualDisk1 is stored in Pool1. VirtualDisk1 uses the parity storage layout. Disk3 fails. You need to remove Disk3 from Pool1. Which two commands should you run? (Each correct answer presents part of the solution.)

- A. Update-StoragePool -FriendlyName Pool1
- B. Reset-PhysicalDisk -FriendlyName Disk3
- C. Set-PhysicalDisk -FriendlyName Disk 3 -Usage Retired
- D. Set-ResiliencySetting -StoragePool Pool1 -PhysicalDiskRedundancyDefault
- E. Remove-PhysicalDisk -FriendlyName Disk3

Answer: CE

QUESTION 39

Your network contains an Active Directory domain named contoso.com. The domain contains two servers named Server1 and Server2 that have the same hardware configuration. You need to asynchronously replicate volume F: from Server1 to Server2. What should you do?

- Run New-SRPartnership and specify the -Rephcation Mode parameter.
- install the Failover Clustering feature and create a new cluster resource group.
- Install the Failover Clustering feature and use Cluster Shared Volumes (CSV).
- Run Set-DfsrService Configuration and specify the -RPC Port parameter.

Answer: A

Explanation:

Deploy Stretch Cluster with Volume Replication by implementing the following steps:

Step 1: Install failover clustering, create a cluster and configure a quorum. We create a cluster resource group. Cluster Shared Volumes is not used.

Step 2: Add available storage to the cluster.

Step 3: Configure storage volume replication.

Step 4: Create and populate a file share.

Step 5: Perform a Resource Failover to the Replicated Storage.

<https://www.starwindsoftware.com/blog/how-to-configure-storage-replication-using-windows-server-2016-part-2>

QUESTION 40

Hotspot Question

You have a server named Server1 that runs Windows Server 2016. Server1 has the Windows Application proxy role service installed. You plan to deploy Remote Desktop Gateway (RD Gateway) services. Clients will connect to the RD Gateway services by using various types of devices including Windows, iOS and Android devices. You need to publish the RD Gateway services through the Web Application Proxy. Which command should you run? (To answer, select the appropriate options in the answer area.)

```

-BackendServerURL 'https://rdg.contoso.com/rdg1/'
-ExternalCertificateThumbprint
    '1a2b3c4d5e6f1a2b3c4d5e6f1a2b3c4d5e6f1a2b'
-ExternalURL 'https://rdg.contoso.com/rdg1'
-Name 'RDG1'

-ExternalPreAuthentication
    ADFS
    ADFSforOAuth
    ClientCertificate
    PassThrough
-ADFSRelyingPartyName 'Default provider'

-BackendServerAuthenticationSPN 'HTTP/RDG1'

```

Answer:


```

Add-WebApplicationProxyApplication
Set-WebApplicationProxyApplication
Set-WebApplicationProxyConfiguration

-BackendServerURL 'https://rd
-ExternalCertificateThumbprin
'1a2b3c4d5e6f1a2b3c4d5e6f1a2k

-ExternalURL 'https://rdg.com
-Name 'RDG1'

-ExternalPreAuthentication -ADFSRelyingPa
ADFS
ADFSforOAuth
ClientCertificate
PassThrough

-BackendServerAuthenticationSPN 'HTTP/RDG1'
```

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