

- **Vendor: Microsoft**
- **Exam Code: 70-743**
- **Exam Name: Upgrading Your Skills to MCSA: Windows Server 2016**
- **Question 61 – Question 80**

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QUESTION 61

In this section, you'll see one or more sets of questions with the same scenario and problem. Each question presents a unique solution to the problem, and you must determine whether the solution meets the stated goals. Any of the solutions might solve the problem. It is also possible that none of the solutions solve the problem. Once you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen. Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution. Determine whether the solution meets the stated goals.

Your network contains an Active Directory domain named contoso.com. The domain contains a DNS server named Server1. All client computers run Windows 10. On Server1, you have the following zone configuration.

ZoneName	ZoneType	IsAutoCreated	IsDsIntegrated	IsReverseLookupZone	IsSigned
-----	-----	-----	-----	-----	-----
_msdcs.contoso.com	Primary	False	True	False	False
0.in-addr.arpa	Primary	True	False	True	False
127.in-addr.arpa	Primary	True	False	True	False
255.in-addr.arpa	Primary	True	False	True	False
adatum.com	Forwarder	False	False	False	False
contoso.com	Primary	False	True	False	False
fabrikam.com	Primary	False	True	False	True
TrustAnchors	Primary	False	True	False	False

You need to prevent Server1 from resolving queries from DNS clients located on Subnet4. Server1 must resolve queries from all other DNS clients.

Solution: From the Security setting of each zone on Server1, you modify the permissions.

Does this meet the goal?

- A. Yes
- B. No

Answer: B

QUESTION 62

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_msdcs.contoso.com	Primary	False	True	False	False
0.in-addr.arpa	Primary	True	False	True	False
127.in-addr.arpa	Primary	True	False	True	False
255.in-addr.arpa	Primary	True	False	True	False
adatum.com	Forwarder	False	False	False	
contoso.com	Primary	False	True	False	False
fabrikam.com	Primary	False	True	False	True
TrustAnchors	Primary	False	True	False	False

You need to prevent Server1 from resolving queries from DNS clients located on Subnet4. Server1 must resolve queries from all other DNS clients.

Solution: From Windows Firewall with Advanced Security on Server1, you create an inbound rule. Does this meet the goal?

- A. Yes
- B. No

Answer: A

QUESTION 63

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0.in-addr.arpa	Primary	True	False	True	False
127.in-addr.arpa	Primary	True	False	True	False
255.in-addr.arpa	Primary	True	False	True	False
adatum.com	Forwarder	False	False	False	
contoso.com	Primary	False	True	False	False
fabrikam.com	Primary	False	True	False	True
TrustAnchors	Primary	False	True	False	False

You need to prevent Server1 from resolving queries from DNS clients located on Subnet4. Server1 must resolve queries from all other DNS clients.

Solution: From a Group Policy object (GPO) in the domain, you modify the Network List Manager Policies.

Does this meet the goal?

- A. Yes
- B. No

Answer: B

QUESTION 64

In this section, you'll see one or more sets of questions with the same scenario and problem. Each question presents a unique solution to the problem, and you must determine whether the solution meets the stated goals. Any of the solutions might solve the problem. It is also possible that none of the solutions solve the problem. Once you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen. **Note:** This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution. Determine whether the solution meets the stated goals.

Your network contains an Active Directory domain named contoso.com. The domain contains a DNS server named Server1. All client computers run Windows 10. On Server1, you have the following zone configuration.

ZoneName	ZoneType	IsAutoCreated	IsDnsIntegrated	IsReverseLookupZone	IsSigned
_msdcs.contoso.com	Primary	False	True	False	False
0.in-addr.arpa	Primary	True	False	True	False
127.in-addr.arpa	Primary	True	False	True	False
255.in-addr.arpa	Primary	True	False	True	False
adatum.com	Forwarder	False	False	False	
contoso.com	Primary	False	True	False	False
fabrikam.com	Primary	False	True	False	True
TrustAnchors	Primary	False	True	False	False

You need to prevent Server1 from resolving queries from DNS clients located on Subnet4. Server1 must resolve queries from all other DNS clients.

Solution: From Windows PowerShell on Server1, you run the Add-DnsServerTrustAnchor cmdlet. Does this meet the goal?

- A. Yes
- B. No

Answer: B

Explanation:

The Add-DnsServerTrustAnchor command adds a trust anchor to a DNS server. A trust anchor (or trust "point") is a public cryptographic key for a signed zone. Trust anchors must be configured on every non-authoritative DNS server that will attempt to validate DNS data. Trust Anchors have no direct relation to DSSEC validation.

<https://technet.microsoft.com/en-us/library/jj649932.aspx>

[https://technet.microsoft.com/en-us/library/dn593672\(v=ws.11\).aspx](https://technet.microsoft.com/en-us/library/dn593672(v=ws.11).aspx)

QUESTION 65

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255.in-addr.arpa	Primary	True	False	True	False
adatum.com	Forwarder	False	False	False	
contoso.com	Primary	False	True	False	False
fabrikam.com	Primary	False	True	False	True
TrustAnchors	Primary	False	True	False	False

You need to prevent Server1 from resolving queries from DNS clients located on Subnet4. Server1 must resolve queries from all other DNS clients.

Solution: From Windows PowerShell on Server1, you run the Export-DnsServerDnsSecPublicKey cmdlet.

Does this meet the goal?

- A. Yes
- B. No

Answer: B

QUESTION 66

In this section, you'll see one or more sets of questions with the same scenario and problem. Each question presents a unique solution to the problem, and you must determine whether the solution meets the stated goals. Any of the solutions might solve the problem. It is also possible that none of the solutions solve the problem. Once you answer a question in this section, you will NOT be able to return to it. As a result, These questions will not appear in the review screen. Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution Determine whether the solution meets the stated goals.

Your network contains an Active Directory forest named contoso.com. The forest contains a member server named Server1 that runs Windows Server 2016. All domain controllers run Windows Server 2012 R2. Contoso com has the following configuration.

```
PS C:\> (Get-ADForest).ForestMode
Windows2008R2Forest
```

```
PS C:\> (Get-ADDomain).DomainMode
Windows2008R2Domain
PS C:\>
```

You plan to deploy an Active Directory Federation Services (AD FS) farm on Server1 and to configure device registration. You need to configure Active Directory to support the planned deployment.

Solution: You raise the forest functional level to Windows Server 2012 R2.

Does this meet the goal?

- A. Yes

B. No

Answer: B

Explanation:

Windows Server 2016 Domain controller is required for Device Registration for Servers that run Windows Server 2016.

<https://technet.microsoft.com/en-us/windows-server-docs/identity/ad-fs/operations/configure-device-based-conditional-access-on-premises>

QUESTION 67

Your Network contains one Active Directory domain named contoso.com. You pilot DirectAccess on the network. During the pilot deployment, you enable DirectAccess only for a group Contoso\Test Computers. Once the pilot is complete, you need to enable DirectAccess for all the client computers in the domain. What should you do?

- A. From Windows PowerShell, run the Ser-DAClient cmdlet.
- B. From Windows PowerShell, run the Ser-DirectAccess cmdlet.
- C. From Active Directory Users and Computers, modify the membership of the Windows Authorization Access Group.
- D. From Group Policy Management, modify the security filtering of an object named Direct Access Client Setting Group Policy.

Answer: D

QUESTION 68

You have a server named Server1. You enable BitLocker Drive Encryption (BitLocker) on Server1. You need to change the password for the Trusted Platform Module (TPM) chip. What should you run on Server1?

- A. Initialize-Tpm
- B. Import-TpmOwnerAuth
- C. repair-bde.exe
- D. bdehdcfg.exe

Answer: B

QUESTION 69

Server1 download update from microsoft update. You have Server2 that must synchronize update from Server1. Have firewall separate between Server1 and Server2. Which port should to open on Server2 to synchronize ?

- A. 80
- B. 443
- C. 3389
- D. 8530

Answer: D

QUESTION 70

Active Directory Recycle Bin is enabled. You discover that a support technician accidentally removed 100 users from an Active Directory group named Group1 an hour ago. You need to restore the membership of Group1. What should you do?

- A. Perform tombstone reanimation.
- B. Export and import data by using Dsamain.
- C. Perform a non-authoritative restore.
- D. Recover the items by using Active Directory Recycle Bin.

Answer: D

QUESTION 71

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Your network contains an Active Directory domain named contoso.com. The domain contains a DNS server named Server1. All client computers run Windows 10. On Server1, you have the following zone configuration.

ZoneName	ZoneType	IsAutoCreated	IsDsIntegrated	IsReverseLookupZone	IsSigned
_msdcs.contoso.com	Primary	False	True	False	False
0.in-addr.arpa	Primary	True	False	True	False
127.in-addr.arpa	Primary	True	False	True	False
255.in-addr.arpa	Primary	True	False	True	False
adatum.com	Forwarder	False	False	False	
contoso.com	Primary	False	True	False	False
fabrikam.com	Primary	False	True	False	True
TrustAnchors	Primary	False	True	False	False

You need to ensure that all of the client computers in the domain perform DNSSEC validation for the fabrikam.com namespace.

Solution: From a Group Policy object (GPO) in the domain, you add a rule to the Name Resolution Policy Table (NRPT).

Does this meet the goal?

- A. Yes
- B. No

Answer: A

Explanation:

[https://technet.microsoft.com/en-us/library/ee649207\(v=ws.10\).aspx](https://technet.microsoft.com/en-us/library/ee649207(v=ws.10).aspx)

QUESTION 72

Note: This question is part of a series of questions that use the same similar answer choices. An answer choice may be correct for more than one question in the series. Each question is independent of the other questions in this series. Information and details provided in a question apply only to that question.

You have a Hyper-V host named Server1 that runs Windows Server 2016. Server1 has a virtual machine that uses a virtual hard disk (VHD) named disk1.vhdx. You receive the following warning message from Event Viewer:

"One or more virtual hard disks have a physical sector size that is smaller than the physical sector size of the storage on which the virtual hard disk file is located."

You need to resolve the problem that causes the warning message. What should you run?

- A. the Mount-VHD cmdlet
- B. the Diskpart command
- C. the Set-VHD cmdlet
- D. the Set-VM cmdlet
- E. the Set-VMHost cmdlet
- F. the Set-VMProcessor cmdlet
- G. the Install-Windows Feature cmdlet
- H. the Optimize-VHD cmdlet

Answer: C

Explanation:

<https://technet.microsoft.com/en-us/windows-server-docs/compute/hyper-v/best-practices-analyzer/avoid-using-virtual-hard-disks-with-sector-size-less-than-size-of-physical>
<https://technet.microsoft.com/en-us/library/hh848561.aspx>

QUESTION 73

You have an Active Directory domain that contains several Hyper-V hosts that run Windows Server 2016. You plan to deploy network virtualization and to centrally manage Datacenter Firewall policies. Which component must you install for the planned deployment?

- A. the Routing role service
- B. the Canary Network Diagnostics feature
- C. the Network Controller server role
- D. the Data Center Bridging feature

Answer: C

Explanation:

<https://technet.microsoft.com/en-us/library/dn859239.aspx>

QUESTION 74

You have a virtual machine named VM1 that runs Windows Server 2016. VM1 hosts a service that requires high network throughput. VM1 has a virtual network adapter that connects to a Hyper-V switch named vSwitch1. vSwitch1 has one network adapter. The network adapter supports Remote Direct Memory Access (RMDA), the single root I/O virtualization (SR-IOV) interface, Quality of Service (QoS), and Receive Side Scaling (RSS). You need to ensure that the traffic from VM1 can be processed by multiple networking processors. Which Windows PowerShell command should you run in the host of VM1?

- A. Set-NetAdapterRss
- B. Set-NetAdapterRdma
- C. Set-NetAdapterSriov
- D. Set-NetAdapterQoS

Answer: A

Explanation:

The Set-NetAdapterRss cmdlet sets the receive side scaling (RSS) properties on a network adapter. RSS is a scalability technology that distributes the receive network traffic among multiple processors by hashing the header of the incoming packet. Without RSS Windows Server 2012/2016; network traffic is received on the first processor which can quickly reach full utilization limiting receive network throughput. Many properties can be configured using the parameters to

optimize the performance of RSS. The selection of the processors to use for RSS is an important aspect of load balancing. Most of the parameters for this cmdlet help to determine the processors used by RSS.

QUESTION 75

You have a server named Server1 that runs Windows Server 2016. Server1 is a Hyper-V host that hosts a virtual machine named VM1. Server1 has three network adapter cards that are connected to virtual switches named vSwitch1, vSwitch2 and vSwitch3. You configure NIC Teaming on VM1 as shown in the exhibit.

NIC Teaming

New team

Team name: VM1 NIC Team

Member adapters:

In Team	Adapter	Speed	State	Reason
<input type="checkbox"/>	Ethernet	10 Gbps		
<input checked="" type="checkbox"/>	Ethernet 2	10 Gbps		
<input checked="" type="checkbox"/>	Ethernet 3	10 Gbps		

Additional properties

Teaming mode: Switch Independent

Load balancing mode: Address Hash

Standby adapter: None (all adapters Active)

Primary team interface: VM1 NIC Team: Default VLAN

Some settings are not available for servers running in a guest virtual machine.

OK Cancel

You need to ensure that VM1 will retain access to the network if a physical network adapter card fails on Server1. What should you do?

- A. From Hyper-V Manager on Server1, modify the settings of VM1.
- B. From Windows PowerShell on VM1, run the Set-VmNetworkAdapterTeamMapping cmdlet.
- C. From Windows PowerShell on Server1, run the Set-VmNetworkAdapterFailoverConfiguration cmdlet.
- D. From Windows PowerShell on Server1, run the Set-VmSwitch cmdlet.

Answer: A

QUESTION 76

You have a server named Server1 that runs Windows Server 2016. You plan to deploy Internet Information Services (IIS) in a Windows container. You need to prepare Server1 for the planned deployment. Which three actions should you perform? (Each correct answer presents part of the solution. Choose three.)

- A. Install the Container feature.
- B. Install Docker.
- C. Install the Base Container Images.
- D. Install the Web Server role.
- E. Install the Hyper-V server role.

Answer: ABC

Explanation:

Step 1 (A): The container feature needs to be enabled before working with Windows containers. To do so run the following command in an elevated PowerShell session.

```
Enable-WindowsOptionalFeature -Online -FeatureName containers -All
```

Step 2 (B): Docker is required in order to work with Windows containers.

Note:

First install the OneGet PowerShell module.

```
Install-Module -Name DockerMsftProvider -Repository PSGallery -Force
```

Next, you use OneGet to install the latest version of Docker.

```
Install-Package -Name docker -ProviderName DockerMsftProvider
```

Step 3 (C): Install Base Container Images. Windows containers are deployed from templates or images. Before a container can be deployed, a container base OS image needs to be downloaded. The following commands will download the Nano Server base image.

```
docker pull microsoft/nanoserver
```

<https://docs.microsoft.com/en-us/virtualization/windowscontainers/deploy-containers/deploy-containers-on-nano>

QUESTION 77

Your network contains an Active Directory domain. The domain contains two Hyper-V hosts. You plan to perform live migrations between the hosts. You need to ensure that the live migration traffic is authenticated by using Kerberos. What should you do first?

- A. From Server Manager, install the Host Guardian Service server role on a domain controller.
- B. From Active Directory Users and Computers, add the computer accounts for both servers to the Cryptographic Operators group.
- C. From Active Directory Users and Computers, modify the Delegation properties of the computer accounts for both servers.
- D. From Server Manager, install the Host Guardian Service server role on both servers.

Answer: C

Explanation:

If you have decided to use Kerberos to authenticate live migration traffic, configure constrained delegation before you proceed to the rest of the steps. To configure constrained delegation:

- * Open the Active Directory Users and Computers snap-in.

- * From the navigation pane, select the domain and double-click the Computers folder.

- * From the Computers folder, right-click the computer account of the source server and then click Properties.

- * In the Properties dialog box, click the Delegation tab.

- * On the delegation tab, select Trust this computer for delegation to the specified services only.

- * Under that option, select Use Kerberos only.

[https://technet.microsoft.com/en-us/library/cc720385\(v=ws.10\).aspx](https://technet.microsoft.com/en-us/library/cc720385(v=ws.10).aspx)

[https://technet.microsoft.com/en-us/library/jj134199\(v=ws.11\).aspx](https://technet.microsoft.com/en-us/library/jj134199(v=ws.11).aspx)

QUESTION 78

Hotspot Question

You have a four-node Hyper-V cluster named Cluster1. A virtual machine named VM1 runs on Cluster1. VM1 has a network adapter that connects to a virtual switch named Network1. You need to prevent a network disconnection on VM1 from causing VM1 to move to another cluster node. What command should you run? (To answer, select the appropriate options in the answer area.)

Answer Area

Remove-ClusterVMMonitoredItem -VirtualMachine VM1
Set-VM -VMName VM1
Set-VMNetworkAdapter -VMName VM1
Set-VMSwitch -Name Network1

EventSource Network
-lovInterruptModeration Off
-lovWeight 1
-NotMonitoredInCluster \$true
-RouterGuard Off

Answer:

Answer Area

Remove-ClusterVMMonitoredItem -VirtualMachine VM1
Set-VM -VMName VM1
Set-VMNetworkAdapter -VMName VM1
Set-VMSwitch -Name Network1

EventSource Network
-lovInterruptModeration Off
-lovWeight 1
-NotMonitoredInCluster \$true
-RouterGuard Off

QUESTION 79

You have an Active Directory domain named Contoso.com. The domain contains servers named Server1, Server2 and Server3 that run Windows Server 2016. Server1 and Server2 are nodes in a Hyper-V cluster named Cluster1. You add a Hyper-V Replica Broker role named Broker1 to Cluster1. Server3 is a Hyper-V server. A virtual machine named VM1 runs on Server3. Live Migration is enabled on all three servers and it is configured to use Kerberos authentication only. You need to ensure that you can perform the migration of VM1 to Server2. What should you do?

- A. Add the Server computer account to the Replicator group on Server1 and Server2.
- B. Modify the Delegation settings on the Server3 computer account.
- C. Modify the Storage Migration settings on Server3.
- D. Modify the Cluster permissions for Cluster1.

Answer: B

Explanation:

If you have decided to use Kerberos to authenticate live migration traffic, configure constrained delegation before you proceed to the rest of the steps. To configure constrained delegation:

- * Open the Active Directory Users and Computers snap-in. For example, to do this from Server Manager, select the server if it not already selected. After the server is selected, click Tools, and then click Active Directory Users and Computers. This opens the Active Directory Users and Computers snap-in.
- * From the navigation pane, select the domain and double-click the Computers folder.
- * From the Computers folder, right-click the computer account of the source server and then click Properties.
- * In the Properties dialog box, click the Delegation tab.
- * On the delegation tab, select Trust this computer for delegation to the specified services only.

* Under that option, select Use Kerberos only.

* Click Add.

etc.

[https://technet.microsoft.com/en-us/library/jj134199\(v=ws.11\).aspx](https://technet.microsoft.com/en-us/library/jj134199(v=ws.11).aspx)

[https://technet.microsoft.com/en-us/library/cc720385\(v=ws.10\).aspx](https://technet.microsoft.com/en-us/library/cc720385(v=ws.10).aspx)

QUESTION 80

Hotspot Question

You have a Windows Server 2016 failover cluster that has a cluster network named ClusterNetwork1. You need to ensure that ClusterNetwork1 is enabled for cluster communication only. What command should you run? (To answer, select the appropriate options in the answer area.)

Answer Area

(▼	ClusterNetwork1).	▼	=1
	Get-ClusterNetwork		ID	
	Get-ClusterResource		Metric	
	Set-ClusterParameter		Role	
	Update-ClusterIPResource		State	

Answer:

Answer Area

(▼	ClusterNetwork1).	▼	=1
	Get-ClusterNetwork		ID	
	Get-ClusterResource		Metric	
	Set-ClusterParameter		Role	
	Update-ClusterIPResource		State	

Explanation:

Box 1: Get-ClusterNetwork. Cluster network roles can be changed using PowerShell command: Get-ClusterNetwork. For example: (Get-ClusterNetwork "Cluster Network 1"). Role =1

Box 2: Role. Cluster Network Roles: Cluster networks are automatically created for all logical subnets connected to all nodes in the Cluster. Each network adapter card connected to a common subnet will be listed in Failover Cluster Manager. Cluster networks can be configured for different uses. Three roles:

* Disabled for Cluster Communication (value 0)

* Enabled for Cluster Communication only (value 1)

* Enabled for client and cluster communication (value 3)

<https://blogs.technet.microsoft.com/askcore/2014/02/19/configuring-windows-failover-cluster-networks/>

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