



Microsoft

Exam Questions 70-740

Installation, Storage, and Compute with Windows Server 2016

NEW QUESTION 1

You have a server that runs Windows Server 2016 Standard.

You create a new three-way mirror storage space. You format the storage space by using ReFS.

Which two features can you use on the new storage space? Each correct answer presents a complete solution.

- A. file and folder permissions
- B. disk quotas
- C. Encrypting File System (EFS)
- D. long file names
- E. Data Deduplication

Answer: AE

NEW QUESTION 2

You have two Hyper V hosts named Server1 and Server2 that run Windows Server 2012 R2. The servers are nodes in a failover cluster named Cluster1.

You perform a rolling upgrade of the cluster nodes to Windows Server 2016.

You need to ensure that you can implement the Virtual Machine Load Balancing feature. Which cmdlet should you use?

- A. Update-ClusterNetWorkNameResource
- B. Set-GusterGroupSet
- C. Update-ClusterFunctionalLevel
- D. Set-CauClosterRole

Answer: C

Explanation:

<https://docs.microsoft.com/en-us/windows-server/failover-clustering/cluster-operating-system-rollingupgrade#cluster-os-rolling-upgrade-process>

NEW QUESTION 3

You have a server named Server1 that runs Windows Server 2016 and has the File and Storage Services server role installed. Server1 has an ReFS-formatted volume named Volume1 that is 512 GB. Volume1 is mounted as C:\App1\temp. You need to ensure that you can enable deduplication of Volume1. What should you do?

- A. Initialize the physical disk that contains Volume1.
- B. Install a Windows feature.
- C. Format Volume1.
- D. Unmount Volume1.

Answer: B

NEW QUESTION 4

You have a server named Server 1 that runs Windows Server 2016 Window, Defender is enabled on Server1.

Server1 runs an application named App that stores various types of files in Microsoft OneDrive for Business, Microsoft OneDrive, and Microsoft SharePoint Online.

Appt also Interacts with several local services,

You need to prevent Windows Defender from scanning any files opened by Appl. Should you do on Server1?

- A. Run the Set-ExecutionPolicy cmdlet
- B. Form the Windows Defender settings, configure a file exclusion.
- C. From the Windows Defender settings, configure a process exclusion.
- D. Modify the cloud-based protection settings in Windows Defender.

Answer: B

Explanation:

References:

<https://www.windowscentral.com/how-exclude-files-and-folders-windows-defender-antivirus-scans>

NEW QUESTION 5

You have a server named Server1 that runs Windows Server 2016. Windows Defender is enabled on Server1.

Server1 runs an application named App1 that stores various types of files in Microsoft OneDrive for Business, MicrosoftOneDrive, and Microsoft SharePoint Online. App1 also interacts with several local services.

You need to prevent Windows Defender from scanning any files opened by App1. What should you do on Server1?

- A. From the Windows Defender settings, configure a file exclusion.
- B. Run the New-CiPolicy cmdlet.
- C. Modify the real-time protection settings in Windows Defender.
- D. From the Windows Defender settings, configure a process exclusion.

Answer: A

NEW QUESTION 6

HOTSPOT

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

▼

Move-ADDirectoryServerOperatinMasterRole
ntdsutil

-identity "DC2" -OperationMasterRole

▼

PDCemulator
InfrastructureMaster
RIDMaster
SchemaMaster

▼

Seize pdc
-Force

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

▼

Move-ADDirectoryServerOperatinMasterRole
ntdsutil

-identity "DC2" -OperationMasterRole

▼

PDCemulator
InfrastructureMaster
RIDMaster
SchemaMaster

▼

Seize pdc
-Force

NEW QUESTION 7

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-WindowsOptionalFeature

Answer: B

NEW QUESTION 8

DRAG DROP
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

IP protocol ID 1

TCP 443

IP Protocol ID 41

UDP 3544

Answer Area

Teredo traffic:

6to4 traffic:

IP-HTTPS:

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Ports and Protocols

IP protocol ID 1

TCP 443

IP Protocol ID 41

UDP 3544

Answer Area

Teredo traffic:UDP 3544

6to4 traffic:IP Protocol ID 41

IP-HTTPS:TCP 443

NEW QUESTION 9

DRAG DROP

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

Install the Hyper-V server role.

Install the Base Container Images.

Install the Container feature.

Install the Web Server role.

Install Docker.

Answer Area

1.

2.

3.

>

<

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⬇

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

1.

Install the Container feature.
2.

Install Docker.
3.

Install the Base Container Images.

NEW QUESTION 10

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

NEW QUESTION 10

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

NEW QUESTION 14

DRAG DROP

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

Create a Virtual Disk.

Create a Storage Pool.

Create a new Storage Tier.

Create a Volume.

Assign a Storage Tier to a virtual disk.

Create a Virtual Disk Clone.

>

<

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Create a Storage Pool.

Create a Virtual Disk.

Create a Volume.

NEW QUESTION 18

HOTSPOT

You have a server named Served that runs Windows Server 2016. Server1 has the Windows Application Proxy role service installed. You are publishing an application named App1 that will use Integrated Windows authentication as shown in the following graphic.



Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic

Before you can complete the wizard, you must [answer choice]

change the external certificate
configure the Backend server SPN
select Enable HTTP to HTTPS redirection

To ensure that users can access App1 externally, you must change the External URL to [answer choice.]

https://app1.contoso.com/app1
https://server02.contoso.com/app1
https://server02.contoso.com/publish/app1

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Before you can complete the wizard, you must [answer choice]

▼

change the external certificate
configure the Backend server SPN
select Enable HTTP to HTTPS redirection

To ensure that users can access App1 externally, you must change the External URL to [answer choice.]

▼

https://app1.contoso.com/app1
https://server02.contoso.com/app1
https://server02.contoso.com/publish/app1

NEW QUESTION 21

You need to create highly available storage spaces that connect to directly attached storage on the hosts Which cmdlet should you use?

- A. Enable-ClusterStorageSpacesDiret
- B. Set-StoragePool
- C. Add-ClusterDisk
- D. Update-ClusterVirtualMachineConfiguration

Answer: A

NEW QUESTION 26

HOTSPOT

You have a server named Server1 that runs Windows Server 2016 Server1 has the Web Application Proxy role service installed

You publish an application named App1 by using the Web Application Proxy.

You need to change the URL that users use to connect to App1 when they work remotely. Which command should you run? To answer, select the appropriate options in the answer area

▼

Set-WebApplicationProxySslCertificate
Set- WebApplicationProxyApplication
Set- WebApplicationProxyConfiguration

-ID 874A4543-7983-77A3-1E6D-1163E7419AC1

▼

-ADFSUrl
-BackendServerURL
-ExternalURL

https://SP.Contoso.com

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

-ID 874A4543-7983-77A3-1E6D-1163E7419AC1

https://SP.Contoso.com

NEW QUESTION 31

HOTSPOT

Your network contains an Active Directory domain named contoso.com. The domain contains four servers named Server1, Server2, Server3, and Server4 that run Windows Server 2016.

Server1 and Server2 are nodes in a Hyper-V cluster named Cluster1. You have a highly available virtual machine named VM1.

Server1 is the owner node of VM1. Server3 and Server4 are nodes of a scale-out file server named Cluster2.

The storage on Server1 is configured as shown in the following table.

Location	Type
C:\ClusterStorage\Volume1	iSCSI Cluster Shared Volumes (CSV)
D:\	A locally attached disk
E:\	An iSCSI LUN
\\Cluster2\Share1	A file share on Cluster2

You need to move the virtual disk of VM1 to a different location.

What should you do? To answer, select the appropriate options in the answer area.

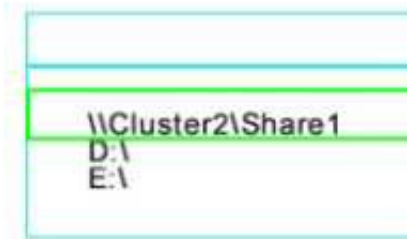
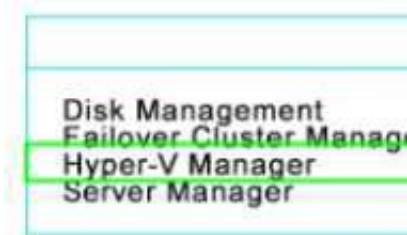
Tool you should move the virtual disk of VM1:

Location to which you should move the virtual disk of VM1:

- A. Mastered
- B. Not Mastered

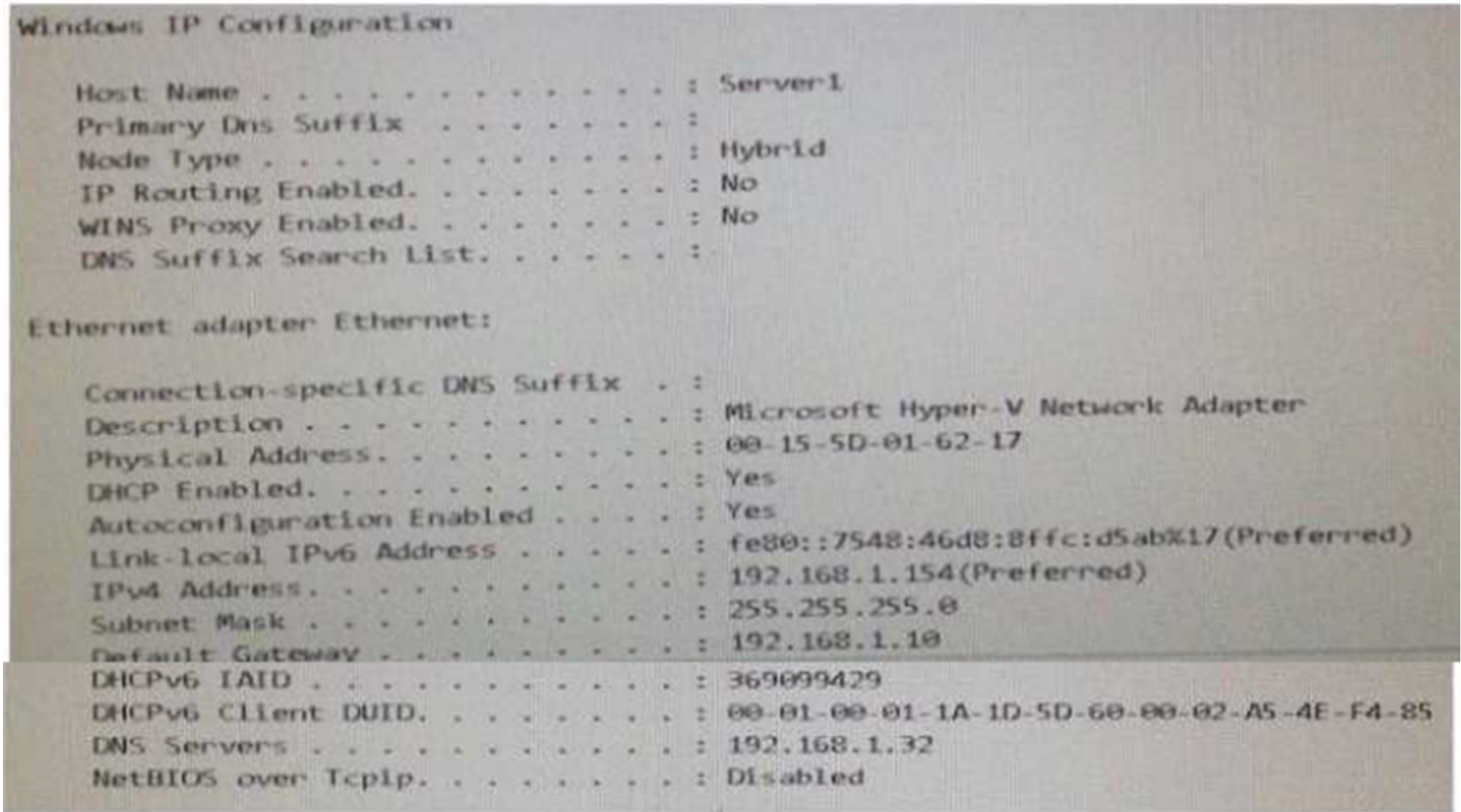
Answer: A

Explanation:



NEW QUESTION 36

You are configuring a Windows Server 2016 failover cluster in a workgroup.
Before installing one of the nodes, you run the ipconfig /all command and receive the following output



You need to ensure that Server 1 can be added as a node in the cluster What should you do1?

- A. Assign a static IP address
- B. Change the Node Type to Broadcast
- C. Configure a DNS suffix
- D. Enable NetBIOS over TCP/IP

Answer: C

NEW QUESTION 38

HOTSPOT

You have an Active Directory domain named Contoso.com The domain contains Hyper-V hosts named Server1 and Server2 that run Windows Server 2016 The Hyper-V hosts are configured to use NVGRE for network virtualization
You have four virtual machines that are connected to an external switch The virtual machines are configured as shown
To which virtual machine or virtual machines can VM1 and VM3 connect"? To answer, select the appropriate options in the answer area

Virtual Machine Name	Hyper-V host	IP address	Netmask	GRE key
VM 1	Server1	192.168.1.16	255.255.255.0	16
VM 2	Server1	192.168.1.232	255.255.255.0	32
VM 3	Server2	192.168.1.32	255.255.255.0	32
VM 4	Server2	192.168.1.25	255.255.255.0	25
VM 5	Server2	192.168.1.116	255.255.255.0	16
VM 6	Server2	192.168.1.132	255.255.255.0	32

VM1 can connect to:

VM2 only
 VM5 only
 VM2, VM3, VM5 and VM6 only
 VM2, VM3, VM4, VM5, and VM6

VM3 can connect to:

VM6 only
 VM2, and VM6 only
 VM4, VM5 and VM6 only
 VM1, VM2, VM5, and VM6 only
 VM1, VM2, VM4, VM5, and VM6

- A. Mastered
 B. Not Mastered

Answer: A

Explanation:

VM1 can connect to:

VM2 only
 VM5 only
 VM2, VM3, VM5 and VM6 only
 VM2, VM3, VM4, VM5, and VM6

VM3 can connect to:

VM6 only
 VM2, and VM6 only
 VM4, VM5 and VM6 only
 VM1, VM2, VM5, and VM6

NEW QUESTION 42

HOTSPOT

You have a machine named VM1 that runs Windows Server 2016 VM1 is a Remote Desktop Services (RDS) server. You need to ensure that only TCP port 3389 can be used to connect to VM1 over the network.

Which command should you run on the Hyper-V host? To answer, select the appropriate options in the answer area.

Add-VmNetworkAdapterAcl
 Add-VmNetworkAdapterExtendedAcl
 Set-VmNetworkAdapter
 Set-VmNetworkAdapterRoutingDomain
 Mapping

-VMName VM1 -Direction

Inbound
 Outbound

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

▼

Add-VmNetworkAdapterAcl

Add-VmNetworkAdapterExtendedAcl

Set-VmNetworkAdapter

Set-VmNetworkAdapterRoutingDomainMapping

-VMName VM1 -Direction

Inbound

Outbound

-Action Allow -LocalPort 3389 -Protocol TCP -Weight 10

NEW QUESTION 47

HOTSPOT

You have a Hyper-V host that runs Windows Server 2016 The Hyper-V host has a virtual machine named VM1
You have a VHD named VHD1 vhdx that has a generalized image of Windows Server 2016. You plan to create multiple virtual machines that will use the generalized image
You need to create differencing disks based on VHD1 vhdx
What command should you run? To answer, select the appropriate options in the answer area

▼

Add-VMHardDiskDrive

New-VHD

Set-VHD

Set-VMHardDiskDrive

-Path "C:\VHDs\VHD1Diff.VHDX"

▼

-ParentPath

-SourceDisk

"C:\VHDs\VHD1.VHDX" -Differencing

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

▼

Add-VMHardDiskDrive

New-VHD

Set-VHD

Set-VMHardDiskDrive

-Path "C:\VHDs\VHD1Diff.VHDX"

▼

-ParentPath

-SourceDisk

"C:\VHDs\VHD1.VHDX" -Differencing

NEW QUESTION 51

HOTSPOT

Your network contains an Active Directory domain named contoso.com. The domain contains a member server named Server1 that runs Windows Server 2016.
You install IP Address Management (IPAM) on Server1 You select the automatic provisioning method, and then you specify a prefix of IPAM!
You need to configure the environment for automatic IPAM provisioning.
Which cmdlet should you run? To answer, select the appropriate options in the answer area.

<div style="text-align: right; border: 1px solid black; width: 20px; height: 20px; margin: 0 auto; line-height: 20px;">▼</div> <p>Add-IpamDiscoveryDomain Enable-IpamCapability Invoke-IpamGpoProvisioning Set-IpamConfiguration</p>	-Domain "Contoso.com"	<div style="text-align: right; border: 1px solid black; width: 20px; height: 20px; margin: 0 auto; line-height: 20px;">▼</div> <p>-AssetTag -DisciverDns -GpoPrefixName -ProvisioningMethod</p>	"IPAM1"
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- A. Mastered
 B. Not Mastered

Answer: A

Explanation:

<div style="text-align: right; border: 1px solid black; width: 20px; height: 20px; margin: 0 auto; line-height: 20px;">▼</div> <p>Add-IpamDiscoveryDomain Enable-IpamCapability Invoke-IpamGpoProvisioning Set-IpamConfiguration</p>	-Domain "Contoso.com"	<div style="text-align: right; border: 1px solid black; width: 20px; height: 20px; margin: 0 auto; line-height: 20px;">▼</div> <p>-AssetTag -DisciverDns -GpoPrefixName -ProvisioningMethod</p>	"IPAM1"
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NEW QUESTION 54

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 and a two-node scale-out file server cluster named Cluster1

A virtual machine named VM1 runs on Server1

You need to migrate the storage on VM1 to Cluster1 Which tool should you use?

- A. the clussvc.exe command
 B. the cluster.exe command
 C. the Computer Management console
 D. the configurehyperv.exe command
 E. the Disk Management console
 F. the Failover Cluster Manager console
 G. the Hyper-V Manager console
 H. the Server Manager Desktop app

Answer: G

NEW QUESTION 59

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 two-node Hyper-V cluster named Cluster1 As virtual machine named VM1 runs on Cluster1

You need to configure monitoring of VM1 The solution must move VM1 to a different node if the Print Spooler service on VM1 stops unexpectedly Which tool should you use?

- A. the clussvc.exe command
 B. the cluster.exe command
 C. the Computer Management console
 D. the configurehyperv.exe command
 E. the Disk Management console
 F. the Failover Cluster Manager console
 G. the Hyper-V Manager console
 H. the Server Manager Desktop app

Answer: F

NEW QUESTION 63

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 two-node Hyper-V cluster named Cluster1 at a primary location and a stand-alone Hyper- V host named Server1 at a secondary location

A virtual machine named VM1 runs on Cluster1 You configure a Hyper-V Replica of VM1 to Server1 You need to perform a Test Fai lover of VM1. Which tool should you use?

- A. the clussvc.exe command
 B. the cluster.exe command
 C. the Computer Management console
 D. the configurehyperv.exe command
 E. the Disk Management console

- F. the Failover Cluster Manager console
- G. the Hyper-V Manager console
- H. the Server Manager Desktop app

Answer: G

NEW QUESTION 64

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 an Active Directory domain that contains two Hyper-V servers named Server1 and Server2. Server1 has Windows Server 2016 installed. Server2 has Windows Server 2012 R2 installed.

Each Hyper-V server has three network cards. Each network card is connected to a different subnet. Server1 contains a dedicated migration network.

Server2 contains a virtual machine named VM5.

You plan to perform a live migration of VM5 to Server1.

You need to ensure that Server1 uses all available networks to perform the live migration of VM5. What should you run1?

- 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-WindowsFeature cmdlet
- H. the Optimize-VHD cmdlet

Answer: E

NEW QUESTION 69

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 dynamically expanding virtual hard disk (VHD) file that is 900 GB. The VHD contains 400 GB of free space.

You need to reduce the amount of disk space used by the VHD. 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-WindowsFeature cmdlet
- H. the Optimize-VHD cmdlet

Answer: H

NEW QUESTION 73

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 upgrade a domain controller to Windows Server 2016. Does this meet the goal?

- A. Yes
- B. No

Answer: B

NEW QUESTION 78

Note: This question is part of a series of questions that present the same scenario. Each question in

the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After 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.

You have two servers that run Windows Server 2016.

You plan to create a Network load Balancing (NLB) cluster that will contain both servers. You need to configure the network cards on the servers for the planned NLB configuration.

Solution: You configure the network cards to be on the same subnet and to have dynamic IP addresses. You configure the cluster to use multicast.

Does this meet the goal?

A. Yes

B. No

Answer: B

Explanation:

References:

<https://technet.microsoft.com/en-us/windows-server-docs/networking/technologies/network-load-balancing>

NEW QUESTION 80

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After 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.

You are a server administrator at a company named Contoso, Ltd.

Contoso has a Windows Server 2016 Hyper-V environment configured as shown in the following table.

Hyper-V host name	Configuration	Virtual switch name
Host1	- Uses an Intel processor - Is a member of a SAN named SAN1	Switch1
Host2	- Uses an AMD processor - Has local storage only	Switch2
Host3	- Uses an Intel processor - Is a member of a SAN named SAN1	Switch1
Host4	- Uses an Intel processor - Has local storage only	Switch2

All of the virtual switches are of the external type.

You need to ensure that you can move virtual machines between the hosts without causing the virtual machines to disconnect from the network.

Solution: You implement a Hyper-V Replica between Host2 and Host4. Does this meet the goal?

A. Yes

B. No

Answer: B

NEW QUESTION 84

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

Your network contains an Active Directory forest

You install Windows Server 2016 on 10 virtual machines.

You need to deploy the Web Server (IIS) server role identically to the virtual machines.

Solution: From a Group policy object (GPO), you create an application control policy, and then you apply the policy to the virtual machines.

Does this meet the goal?

A. Yes

B. No

Answer: B

NEW QUESTION 89

HOTSPOT

You have a server named Server1 that runs Windows Server 2016 server.

Server1 has the Docker daemon configured and has a container named Container1.

You need to mount the folder C:\Folder1 on Server1 to C:\ContainerFolder in Container1.

Which command should you run? To answer, select the appropriate options in the answer area.

Answer Area

<div>▼</div> <div>Copy-ContainerFile</div> <div>Docker</div> <div>Set-Service</div>	<div>▼</div> <div>-Name Container1 -Path</div> <div>run -it -v</div>	<div>▼</div> <div>C:\Folder1:C:\ContainerFolder</div> <div>%windir%\ContainerFolder</div>	<div>▼</div> <div>Container1</div> <div>Server1</div>
---	--	---	---

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

<div>▼</div> <div>Copy-ContainerFile</div> <div>Docker</div> <div>Set-Service</div>	<div>▼</div> <div>-Name Container1 -Path</div> <div>run -it -v</div>	<div>▼</div> <div>C:\Folder1:C:\ContainerFolder</div> <div>%windir%\ContainerFolder</div>	<div>▼</div> <div>Container1</div> <div>Server1</div>
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NEW QUESTION 91

HOTSPOT

You implement a Windows Server 2016 failover cluster named Cluster1 as a highly available file server.
You run the Get-Cluster cmdlet and receive the following output.

```
AddEvictDelay : 60
AdministrativeAccessPoint : Dns
AutoAssignNodeSite : 0
AutoBalancerMode : 2
AutoBalancerLevel : 1
ClusSvcHangTimeout : 135
ClusSvcRegroupStageTimeout : 5
ClusSvcRegroupTickInMilliseconds : 300
ClusterEnforcedAntiAffinity : 0
ClusterFunctionalLevel : 9
ClusterUpgradeVersion : 7
ClusterGroupWaitDelay : 120
ClusterLogLevel : 3
ClusterLogSize : 300
DatabaseReadWriteMode : 0
DefaultNetworkRole : 3
Description :
Domain : contoso.com
EnableSharedVolumes : Enabled
FixQuorum : 0
Id : ec6121be-f816-426b-b550-72cafb943f1b
Name : cluster1
```

Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.

Answer Area

You can perform Cluster-Aware Updating (CAU) in [answer choice].

	▼
self-updating mode only	
remote-updating mode only	
remote-updating mode and self-updating mode	

You can use [answer choice] to create a file share in Cluster1.

	▼
DFS Management	
Failover Cluster Manager	
File Server Resource Manager	
Server Manager	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

You can perform Cluster-Aware Updating (CAU) in [answer choice].

	▼
self-updating mode only	
remote-updating mode only	
remote-updating mode and self-updating mode	

You can use [answer choice] to create a file share in Cluster1.

	▼
DFS Management	
Failover Cluster Manager	
File Server Resource Manager	
Server Manager	

NEW QUESTION 95

You have a Windows Server 2016 Hyper-V failover cluster that contains two nodes named Node1 and Node2. On Node1, you create a virtual machine named VM01 by using Hyper-V Manager. You need to configure VM01 to move to Node2 automatically if Node1 becomes unavailable. What should you do?

- A. From Failover Cluster manager, run the configure Role actions.
- B. From Hyper-V Manager, click VM01 and click Enable Replication.
- C. From Hyper-V Manager Click Node 1 and the modify the hyper-V settings.
- D. From Windows Powershell, run the Enable-VMReplication cmdlet.

Answer: A

Explanation:

<http://windowsitpro.com/hyper-v/make-vm-highly-available-windows-server-2012>

NEW QUESTION 96

You have four servers named Server1, Server2, Server3, and Server4 that run Windows Server 2016. Each server has a single 4-TB SATA hard disk. To each server you attach a new 4-TB SATA hard disk. You need to create a new storage cluster that uses Storage Spaces Direct. The storage pool must contain all of the new disks. Which command should you run before you enable Storage Space Direct?

- A. Add-ClusterSharedVolume -Name "Disk 1" -Cluster Cluster1
- B. New-Cluster -Name Cluster1 -Node 'Server1', 'Server2', 'Server3', 'Server4' -NoStorage
- C. Get-ClusterAvailableDisk -Cluster Cluster1 | Add-ClusterDisk

D. New-ClusterStorageEnclosure -id 1 -name Cluster1 -type jbod -ConnectionString "Server1,Server2,Server3,Server4"

Answer: B

NEW QUESTION 97

DRAG DROP

Note: This question is part of a series of questions that use the same scenario. For your convenience, the scenario is repeated in each question. Each question presents a different goal and answer choices, but the text of the scenario is exactly the same in each question in this series.

Your network contains an Active Directory domain named contoso.com. The functional level of the forest and the domain is Windows Server 2008 R2. All servers in the domain run Windows Server 2016 Standard. The domain contains 300 client computers that run either Windows 8.1 or Windows 10.

The domain contains nine servers that are configured as shown in the following table.

Name	Configuration	Planned changes
Server1	Domain controller	None
Server2	File server	Run Failover Clustering and Storage Spaces Direct
Server3	File server	Run Failover Clustering and Storage Spaces Direct
Server4	Hyper-V host	Run shielded virtual machines
Server5	Hyper-V host	None
Server6	Member server	Run Active Directory Federation Services (AD FS)
VM1	Virtual machine hosted on Server5	None
VM2	Virtual machine hosted on Server5	None
VM3	Virtual machine hosted on Server5	None

The virtual machines are configured as follows:

- Each virtual machine has one virtual network adapter.
- VM1 and VM2 are part of a Network Load Balancing (NLB) cluster.
- All of the servers on the network can communicate with all of the virtual machines.

You need to install the correct edition of Windows Server 2016 to support the planned changes for Server2, Server3, Server4, and Server5.

Which edition or editions should you choose for each server? To answer, drag the appropriate editions to the correct servers. Each edition 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.

Editions

Standard only

Standard or Datacenter

Datacenter only

Answer Area

Server2:

Edition

Server3:

Edition

Server4:

Edition

Server6:

Edition

- A. Mastered
 B. Not Mastered

Answer: A

Explanation:

Editions

Standard only

Standard or Datacenter

Datacenter only

Answer Area

Server2:

Datacenter only

Server3:

Datacenter only

Server4:

Datacenter only

Server6:

Standard or Datacenter

NEW QUESTION 100

You have a server named Server1 that runs Windows Server 2016. You need to install the DNS Server role on Server1. What should you run?

- A. the dns.exe command
- B. the optionalfcaturcs.exe command
- C. the Install-Package cmdlet
- D. the Enable-WindowsOptionalFeature cmdlet

Answer: D

NEW QUESTION 104

You have a server named Server 1 that runs Windows Server 2016 and has the Hyper-V server role installed. On Server1, you plan to create a virtual machine named VM1. You need to ensure that you can start VM1 from the network. What are two possible ways to achieve the goal? Each correct answer presents a complete solution.

- A. Create a generation 2 virtual machine.
- B. Create a generation 1 virtual machine and run theEnable-NetAdapterPackageDirectcmdlet.
- C. Create a generation 1 virtual machine that has a legacy network adapter.
- D. Create a generation 1 virtual machine and configure a single root I/O virtualization (SRV-IO) interface for the network adapter.

Answer: AC

NEW QUESTION 107

You have a Hyper-V host that runs Windows Server 2016. The host contains a virtual machine named VM1. VM1 has resource metering enabled. You need to use resource metering to track the amount of network traffic that VM1 sends to the 10.0.0.0/8 network. Which cmdlet should you run?

- A. Add-VMNetworkAdapteAd
- B. Set-VMNetworkAdapter
- C. New-VMResourcePool
- D. Set-VMNetworkAdapterRoutingDomamMapping

Answer: A

NEW QUESTION 110

DRAG DROP

You are planning the configuration of a virtual network switch for a Hyper-V environment. The environment will contain the following Hyper-V hosts:

- A server named Server1 will have 10 virtual machines that must be able to communicate with each other. The virtual machines must be prevented from communicating with Server1 and all other servers on the corporate network.
- A two-code failover cluster named Cluster1 will have 20 virtual machines. The virtual machines will run on both nodes. Hyper-V hosts on the corporate network must be able to connect to the virtual machines.

Which type of virtual switch should you select for each Hyper-V host? To answer, drag the appropriate virtual switch types to the correct hosts. Each virtual switch type must 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.

Virtual Switch Types

External

Internal

Private

Answer Area

10 virtual machines on Server1:

20 virtual machines on Cluster1:

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Virtual Switch Types

External

Internal

Private



Answer Area

10 virtual machines on Server1:

Private

20 virtual machines on Cluster1:

External

NEW QUESTION 114

You have a Hyper-V host named Server1 that runs Windows Server 2016. Server1 contains four virtual machines that are configured as shown in the following table.

Virtual machine name	Configuration
VM1	A shielded virtual machine that runs Windows Server 2012 R2
VM2	A shielded virtual machine that runs Windows Server 2016
VM3	A virtual machine that runs Windows Server 2012 R2 and has Secure Boot enabled
VM4	A virtual machine that runs Windows Server 2016 and has all of its drivers protected by using BitLocker Drive Encryption (BitLocker)

To which machine or machines can you connect by using Virtual Machine Connection from Hyper-V Manager?

- A. VM1, VM2, VM3 and VM4
- B. VM4 only
- C. VM1 and VM2 only
- D. VM3 and VM4 only
- E. VM2 only

Answer: D

NEW QUESTION 117

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After 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.

You have a server named Server1 that runs Windows Server 2016.

Server1 hosts a line-of-business application named App1. App1 has a memory leak that occasionally causes the application to consume an excessive amount of memory.

You need to log an event in the Application event log whenever App1 consumes more than 4 GB of memory.

Solution: You create a performance counter alert data collector. Does this meet the goal?

- A. Yes
- B. No

Answer: A

NEW QUESTION 121

After 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.

You have a server named Server1 that runs Windows Server 2016.

You plan to use Windows Server Backup to back up all of the data on Server1. You create a new volume on Server1.

You need to ensure that the new volume can be used as a backup target. The backup target must support incremental backups.

Solution: You mount the volume to C:\Backup, and you format the volume by using FAT32. Does this meet the goal?

- A. Yes
- B. No

Answer: A

NEW QUESTION 124

Your network contains an Active Directory domain. The domain contains a new file server named

Server1 that runs a Server Core installation of Windows Server 2016.

Server1 has an ReFS-formatted volume D: and NTFS-formatted volume E: The volumes do not contain any data.

You install the Data Deduplication role service on Server1.

You need to implement Data Deduplication for volumes on D: and E:.

Solution: From Windows PowerShell, you run Format-Volume D: -FileSystem EXFat and Enable- DeDupVolume -Volume D:,E:.
 Does this meet the goal?

- A. Yes
- B. No

Answer: A

NEW QUESTION 128

You have two servers named Server1 and Server2 that run Windows Server 2016.

You plan to implement Storage Replica to replicate the contents of volumes on Server1 to Server2. You need to ensure that the replication traffic between the servers is limited to a maximum of 100 Mbps.

Which cmdlet should you run?

- A. New-NetQosPolicy
- B. Set-NetworkController
- C. New-NetTransportFilter
- D. New-StorageQosPolicy

Answer: A

Explanation:

References: [https://technet.microsoft.com/en-us/library/hh967471\(v=wps.630\).aspx](https://technet.microsoft.com/en-us/library/hh967471(v=wps.630).aspx)

NEW QUESTION 131

You have two Hyper-V hosts named Server1 and Server2 that run Windows Server 2016. Server1 and Server2 are connected to the same network.

On Server1 and Server2, you create an external network switch named Switch1. You have the virtual machines shown in the following table.

Virtual machine name	IP address	Subnet mask	Hyper-V host
VM1	192.168.1.16	255.255.255.0	Server1
VM2	192.168.1.32	255.255.255.0	Server2
VM3	192.168.1.48	255.255.255.0	Server2

All three virtual machines are connected to Switch1.

You need to prevent applications in VM3 from being able to capture network traffic from VM1 or VM2. The solution must ensure that VM1 retains network connectivity.

What should you do?

- A. On Server2, configure the VLAN ID setting of Switch1.
- B. On Server2, create an external switch and connect VM3 to the switch.
- C. Modify the subnet mask of VM1 and VM2.
- D. Configure network virtualization for VM1 and VM2.

Answer: D

NEW QUESTION 134

HOTSPOT

You have a server named Server1 that runs Windows Server 2016. Server1 is a Hyper-V host. You run the commands shown in the following graphic:



```

Select Administrator: Windows PowerShell

Windows PowerShell
Copyright (C) 2016 Microsoft Corporation. All rights reserved.

PS C:\Users\ServerAdmin> New-VmSwitch -Name TEAM1 -NetAdapterName "NIC 1", "NIC 2" -EnableEmbeddedTeaming $true
PS C:\Users\ServerAdmin> Set-VmSwitch -Name TEAM1 -NetAdapterName "NIC 1"
    
```

Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.

Answer Area

After running the commands, TEAM1 contains [answer choice] network adapters.

	▼
one	
two	
three	

If you run **Add-VmSwitchTeamMember -VmSwitchName TEAM1 -NetAdapterName "NIC4"**, TEAM1 will contain [answer choice] network adapters.

	▼
one	
two	
three	
four	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

After running the commands, TEAM1 contains [answer choice] network adapters.

	▼
one	
two	
three	

If you run **Add-VmSwitchTeamMember -VmSwitchName TEAM1 -NetAdapterName "NIC4"**, TEAM1 will contain [answer choice] network adapters.

	▼
one	
two	
three	
four	

NEW QUESTION 139

DRAG DROP

Your network contains an Active Directory domain. The domain contains two domain controllers named DC1 and DC2. DC2 is a virtual machine that is hosted on a Hyper-V host named HyperV1. DC1 holds the PDC emulator operations master role.

You need to create a new domain controller named DC3 by using domain controller cloning.

Which five actions should you perform in sequence before you can import the cloned virtual machine? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

NOTE: More than one order of answer choices is correct. You will receive credit for any of the correct orders you select.

Actions

- Stop DC2.
- Run the **New-ADDCCloneConfigFile** cmdlet.
- Modify the group membership of DC3.
- Export DC2.
- Run the **Get-ADDCCloningExcludedApplicationList** cmdlet.
- Modify the group membership of DC2.

Answer Area



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Actions

- Stop DC2.
- Run the **New-ADDCCloneConfigFile** cmdlet.
- Modify the group membership of DC3.
- Export DC2.
- Run the **Get-ADDCCloningExcludedApplicationList** cmdlet.
- Modify the group membership of DC2.

Answer Area

- Modify the group membership of DC2.
- Run the **Get-ADDCCloningExcludedApplicationList** cmdlet.
- Run the **New-ADDCCloneConfigFile** cmdlet.
- Stop DC2.
- Export DC2.

NEW QUESTION 144

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution. After your 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. Your network contains an Active Directory forest named contoso.com. You need to identify which server is the schema master.

Solution: From Windows PowerShell, you run Get-ADDomainController -Discover -Service 2. Does this meet the goal?

- A. Yes
- B. No

Answer: B

Explanation:

References:

<https://blogs.technet.microsoft.com/mempson/2007/11/08/how-to-find-out-who-has-your-fsmo-roles/>

NEW QUESTION 149

DRAG DROP

You have a Hyper-V host named Server1 that runs Windows Server 2016.

The installation source files for Windows Server 2016 are located in D:\Source. You need to create a Nano Server image.

Which cmdlets should you run? 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.

Cmdlets	Answer Area
Add-WindowsImage	First cmdlet to run: cmdlet
Import-Module	Second cmdlet to run: cmdlet
Install-Module	
New-NanoServerImage	
New-WindowsCustomImage	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Step 1: Import Module

Import-Module .\NanoServerImageGenerator.psm1 Step 2: New New-NanoServerImage

Create Nano Server Image VHDX

New-NanoServerImage -MediaPath .\Files -BasePath.\Base -TargetPath .\Images\NanoVMGA.vhdx References: <https://technet.microsoft.com/en-us/windows-server-docs/get-started/deploy-nano-server>

NEW QUESTION 153

You have two servers named Server1 and Server2 that run Windows Server 2016.

You plan to implement Storage Replica to replicate the contents of volumes on Server1 to Server2. You need to ensure that the replication traffic between the servers is limited to a maximum of 100 Mbps.

Which cmdlet should you run?

- A. Set-NetUDPSetting
- B. New-StorageQosPolicy
- C. Set-SmbBandwidthLimit
- D. Set-NetTCPSetting

Answer: C

NEW QUESTION 158

With Nano Server some packages are installed directly with their own Windows PowerShell switches (such as -Compute); others you install by passing package names to the -Packages parameter, which you can combine in a comma-separated list.

You want to add IIS to your Nano Server, which command should you use?

- A. -Compute
- B. -Packages
- C. -Containers
- D. -Storage

Answer: B

Explanation:

IIS is added by using -Packages Microsoft-NanoServer-IIS-Package.

NEW QUESTION 159

You have two Hyper-V hosts named Server1 and Server2 that run Windows Server 2016. Server1 hosts a virtual machine named VM1 that is in a Running state. On Server1, you export VM1 and then you import VM1 on Server2. What is the current state of VM1 on Server2?

- A. Paused
- B. Off
- C. Saved
- D. Running

Answer: C

Explanation:

References: <https://blog.workinghardinit.work/2016/06/16/live-export-a-running-virtual-machine-or-a-checkpoint/>

NEW QUESTION 164

You create a Storage Spaces Direct hyper-converged failover cluster. The cluster contains three nodes and a 1-TB Storage Spaces Direct volume. The cluster will store virtual machines.

You plan to extend the volume by adding an additional 3 TB.

What is the minimum amount of extra disk capacity required to accommodate extending the volume?

- A. 3TB on the coordinator node
- B. 3 TB per node
- C. 4 TB per node
- D. 4 TB on the coordinator node

Answer: B

Explanation:

References:

<https://docs.microsoft.com/en-us/windows-server/storage/storage-spaces/drive-symmetry-considerations>

NEW QUESTION 168

You have a Windows Server 2016 failover cluster that contains two servers named Server1 and Server2.

The Cluster Service on Server1 fails.

You need to identify the cause of the failure. What should you do?

- A. From Windows PowerShell, run the Get-ClusterNode cmdlet.
- B. From Event Viewer, review the Application event log.
- C. From Windows PowerShell, run the Get-ClusterLog cmdlet.
- D. From Event Viewer, review the System event log.

Answer: C

Explanation:

References: <https://blogs.msdn.microsoft.com/clustering/2015/05/14/windows-server-2016-failover-cluster-troubleshooting-enhancements-cluster-log/>

NEW QUESTION 172

You have a Hyper-V host that runs Windows Server 2016.

You need to identify the amount of processor resources consumed by Hyper-V and virtual machines. Which counter should you use from Performance Monitor?

- A. \Hyper-V Hypervisor\Logical Processor
- B. \Hyper-V Hypervisor Root Virtual Processor(_Total)\% Guest Run Time
- C. \Hyper-V Hypervisor Virtual Processor(_Total)\% Hypervisor Run Time
- D. \Hyper-V Hypervisor Virtual Processor(_Total)\% Total Run Time
- E. \Hyper-V Hypervisor Logical Processor(_Total)\% Total Run Time

Answer: A

Explanation:

References:

[https://msdn.microsoft.com/en-us/library/cc768535\(v=bts.10\).aspx](https://msdn.microsoft.com/en-us/library/cc768535(v=bts.10).aspx)

NEW QUESTION 174

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might

have more than one correct solution, while others might not have a correct solution. Your network contains an Active Directory forest

You install Windows Server 2016 on 10 virtual machines.

You need to deploy the Web Server (IIS) server role identically to the virtual machines.

Solution: From Windows System Image Manager, you create an answer file, you copy the file to C:\Sysprep on each virtual machine, and then you run the Apply-Image cmdlet.

Does this meet the goal?

- A. Yes
- B. No

Answer:

B

NEW QUESTION 179

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

You have a server named Server1 that runs Windows Server 2016. Server1 hosts a line-of-business application named App1. App1 has a memory leak that occasionally causes the application to consume an excessive amount of memory.

You need to log an event in the Application event log whenever App1 consumes more than 4 GB of memory.

Solution: You create a performance counter data collector. Does this meet the goal?

- A. Yes
- B. No

Answer: B

NEW QUESTION 181

You have two Hyper-V hosts named Server1 and Server2 that run Windows Server 2016. The hosts are nodes in a failover cluster.

You have a virtual machine named VM1. VM1 connects to a virtual switch named vSwitch1. You discover that VM1 automatically live migrates when vSwitch1 temporarily disconnects. You need to prevent VM1 from being live migrated when vSwitch1 temporarily disconnects. What should you do?

- A. Run the Set-VMNetworkAdapter cmdlet and set StormLimit to 0.
- B. From the network adapter setting of VM1, disable the Heartbeat integration service.
- C. Run the Set-VMNetworkAdapter cmdlet and set IsManagementOS to False.
- D. From the network adapter setting of VM1, disable the Protected network setting.

Answer: D

NEW QUESTION 185

DRAG DROP

You have a server named Server1 that runs Windows Server 2016. On Server1, you create a Nano Server image named Disk1.vhdx. You need to start Server1 by using Disk1.vhdx.

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

- Restart Server1.
- Run the bcdboot.exe command.
- Run the bootcfg.exe command.
- Run the Edit-NanoServerImage cmdlet.
- Mark a partition as active.
- Mount Disk1.vhdx.

Answer Area

⏪

⏩

⏴

⏵

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Actions

Restart Server1.

Run the **bcdboot.exe** command.

Run the **bootcfg.exe** command.

Run the **Edit-NanoServerImage** cmdlet.

Mark a partition as active.

Mount Disk1.vhdx.

Answer Area

Mount Disk1.vhdx.

Run the **bootcfg.exe** command.

Restart Server1.



NEW QUESTION 187

HOTSPOT

You are deploying Network Load Balancing (NLB) to three web servers named Server1, Server2, and Server3. The web servers have the following IP addresses:

Server1: 192.168.2.101

Server2: 192.168.2.102 Server3:192.168.2.103

The IP address used by NLB is 192.168.2.120.

Which IP address or addresses will be configured on each server? To answer, select the appropriate options in the answer area.

Answer Area

Server1:

	▼
192.168.2.101 only	
192.168.2.120 only	
192.168.2.101 and 192.168.2.120 only	
192.168.2.101, 192.168.2.102, and 192.168.2.103 only	
192.168.2.101, 192.168.2.102, 192.168.2.103 and 192.168.2.120	

Server2:

	▼
192.168.2.102 only	
192.168.2.120 only	
192.168.2.102 and 192.168.2.120 only	
192.168.2.101, 192.168.2.102, and 192.168.2.103 only	
192.168.2.101, 192.168.2.102, 192.168.2.103 and 192.168.2.120	

Server3:

	▼
192.168.2.103 only	
192.168.2.120 only	
192.168.2.103 and 192.168.2.120 only	
192.168.2.101, 192.168.2.102, and 192.168.2.103 only	
192.168.2.101, 192.168.2.102, 192.168.2.103 and 192.168.2.120	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Server1:

▼
192.168.2.101 only
192.168.2.120 only
192.168.2.101 and 192.168.2.120 only
192.168.2.101, 192.168.2.102, and 192.168.2.103 only
192.168.2.101, 192.168.2.102, 192.168.2.103 and 192.168.2.120

Server2:

▼
192.168.2.102 only
192.168.2.120 only
192.168.2.102 and 192.168.2.120 only
192.168.2.101, 192.168.2.102, and 192.168.2.103 only
192.168.2.101, 192.168.2.102, 192.168.2.103 and 192.168.2.120

Server3:

▼
192.168.2.103 only
192.168.2.120 only
192.168.2.103 and 192.168.2.120 only
192.168.2.101, 192.168.2.102, and 192.168.2.103 only
192.168.2.101, 192.168.2.102, 192.168.2.103 and 192.168.2.120

NEW QUESTION 192

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After 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.

You network contains an Active Directory domain named contoso.com.

You need to create a Nano Server image named Nano1 that will be used as a virtualization host. The Windows Server 2016 source files are located in drive D.

Solution: You run the following cmdlet.

```
New-NanoServerImage -Edition Datacenter -DeploymentType Host -Package Microsoft-NanoServer-Compute-Package -MediaPath 'D:\' -TargetPath C:\Nano1\Nano1.wim -ComputerName Nano1 -DomainName Contoso.com
```

Does this meet the goal?

- A. Yes
- B. No

Answer: A

NEW QUESTION 194

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After 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.

You network contains an Active Directory domain named contoso.com.

You need to create a Nano Server image named Nano1 that will be used as a virtualization host. The Windows Server 2016 source files are located in drive D.

Solution: You run the following cmdlet.

```
New-NanoServerImage -Edition Datacenter -DeploymentType Host -Compute -MediaPath 'D:\' -TargetPath C:\Nano1\Nano1.wim -ComputerName Nano1 -DomainName Contoso.com
```

Does this meet the goal?

- A. Yes
- B. No

Answer: A

NEW QUESTION 199

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After 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.

You network contains an Active Directory domain named contoso.com.

You need to create a Nano Server image named Nano1 that will be used as a virtualization host. The Windows Server 2016 source files are located in drive D.

Solution: You run the following cmdlet.

```
New-NanoServerImage -Edition Datacenter -DeploymentType Host -Package
Microsoft-NanoServer-SCVMM-Package -MediaPath 'D:\' -TargetPath
C:\Nano1\Nano1.wim -ComputerName Nano1 -DomainName Contoso.com
```

Does this meet the goal?

- A. Yes
- B. No

Answer: B

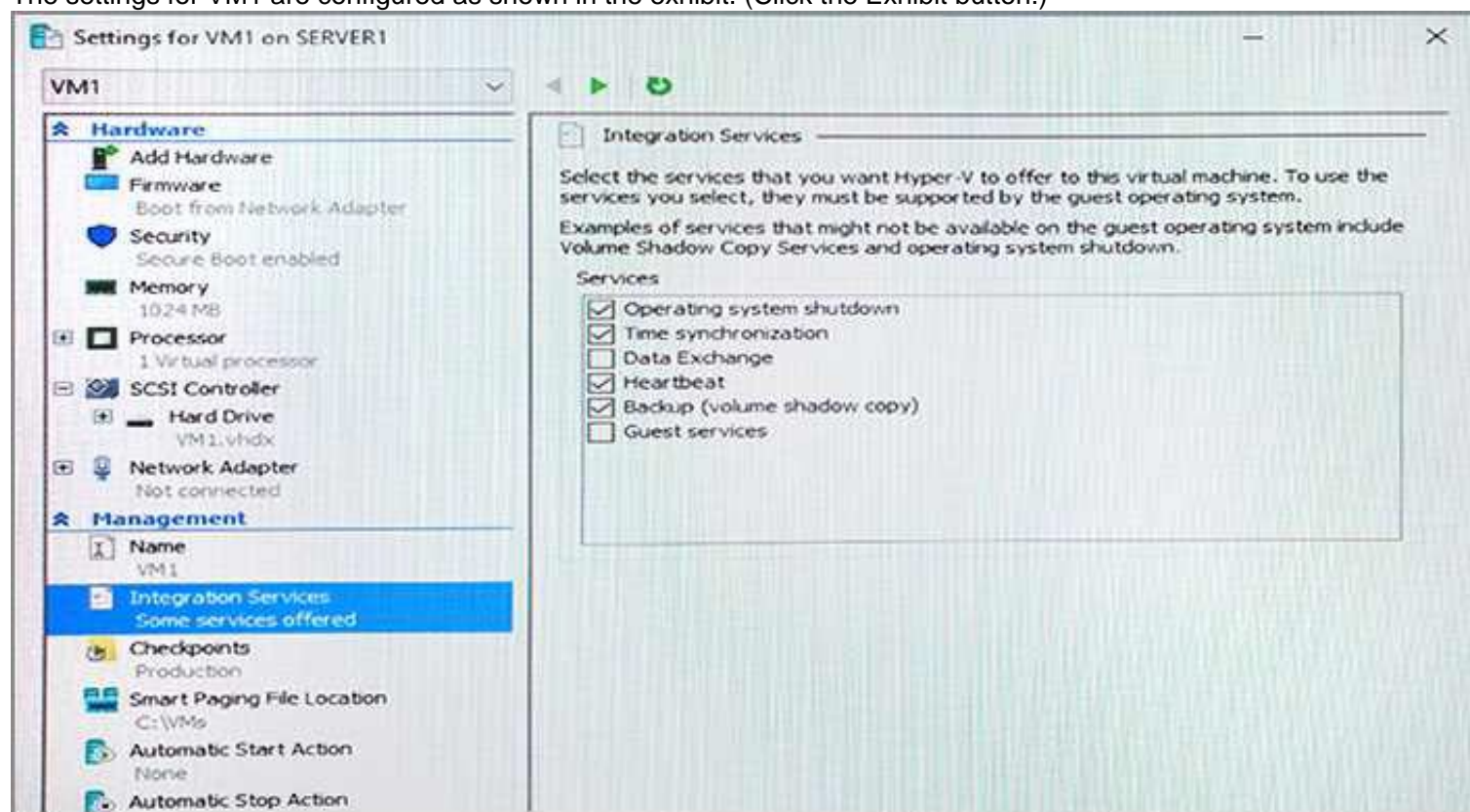
NEW QUESTION 202

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After 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.

You have a Hyper-V host named Server1 that hosts a virtual machine named VM1. Server1 and VM1 run Windows Server 2016.

The settings for VM1 are configured as shown in the exhibit. (Click the Exhibit button.)



You need to ensure that you can use the Copy-VMFile cmdlet on Server1 to copy files from VM1.

Solution: You start the Hyper-V Guest Service Interface service on VM1. Does this meet the goal?

- A. Yes
- B. No

Answer: A

Explanation:

References:

[https://technet.microsoft.com/en-us/library/dn798297\(v=ws.11\).aspx](https://technet.microsoft.com/en-us/library/dn798297(v=ws.11).aspx)

NEW QUESTION 204

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After 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.

You are a server administrator at a company named Contoso, Ltd.

Contoso has a Windows Server 2016 Hyper-V environment configured as shown in the following table.

Hyper-V host name	Configuration	Virtual switch name
Host1	- Uses an Intel processor - Is a member of a SAN named SAN1	Switch1
Host2	- Uses an AMD processor - Has local storage only	Switch2
Host3	- Uses an Intel processor - Is a member of a SAN named SAN1	Switch1
Host4	- Uses an Intel processor - Has local storage only	Switch2

All of the virtual switches are of the external type.

You need to ensure that you can move virtual machines between the hosts without causing the virtual machines to disconnect from the network.

Solution: You implement live migration by using Host1 and Host3. Does this meet the goal?

- A. Yes
- B. No

Answer: A

NEW QUESTION 206

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After 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.

You have a server named Server 1 that runs Windows Server 2016.

You plan to use Windows Server Backup to back up all of the data on Server 1. You create a new volume on Server 1.

You need to ensure that the new volume can be used as a backup target. The backup target must support incremental backups.

Solution: You mount the volume to C:\backup. and you format the volume by using FAT32. Does this meet the goal?

- A. Yes
- B. No

Answer: B

NEW QUESTION 207

Note: This question is part of a Series of questions that use the same or 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 two servers named Server 1 and Server 2 that run Windows Server 2016. Server 1 and server 2 have the Hyper-V server role installed and are nodes in a failover Cluster.

On Server 1, an administrator creates a virtual machine named VM1. You need to configure VM1 for high availability.

Which tool should you use?

- A. the clussvc.exe command
- B. the cluster.exe command
- C. the Computer Management snap in
- D. the configurehyperv.exe command
- E. the Disk Management map-in
- F. the Failover Cluster Manager snap in
- G. the Hyper V Manage map id
- H. the Server Manager app

Answer: F

NEW QUESTION 210

Your network contains an Active Directory domain named contoso.com. All servers run Windows

Server 2016. As a domain administrator, you log on to a server named Server2 and open Windows Power Shell. You need to establish an interactive Power Shell session to a server named Server 1- Which command should you run?

- A. Enable-PSRemoting Server 1
- B. Enter-PSSession -ComputerName Server
- C. New-PSSession -Name Server
- D. Set-PSSession Configuration -AccessMode Remote -Name Server

Answer: B

NEW QUESTION 215

Note: This question is part of a series questions that present the same scenario, Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After 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.

You have a server named Server1 that runs Windows Server 2016. Server1 is a Docker Host.
 You are creating a Docker file to build a Docker image.
 You need to add a file named File1.txt from Server1 to C:\folder1\ in the Docker image.
 What are two possible commands that you can use to achieve the goal? Each correct answer presents a complete solution.
 NOTE: Each correct selection is worth one point.

- A. COPY file1.txt c:/folder1/
- B. copy-item file1.txt folder1\file1.txt
- C. ROBOCOPY file.txt \folder1\
- D. XCOPY file1.txt c:\folder1\
- E. ADD file1.txt /folder1/

Answer: AE

NEW QUESTION 218

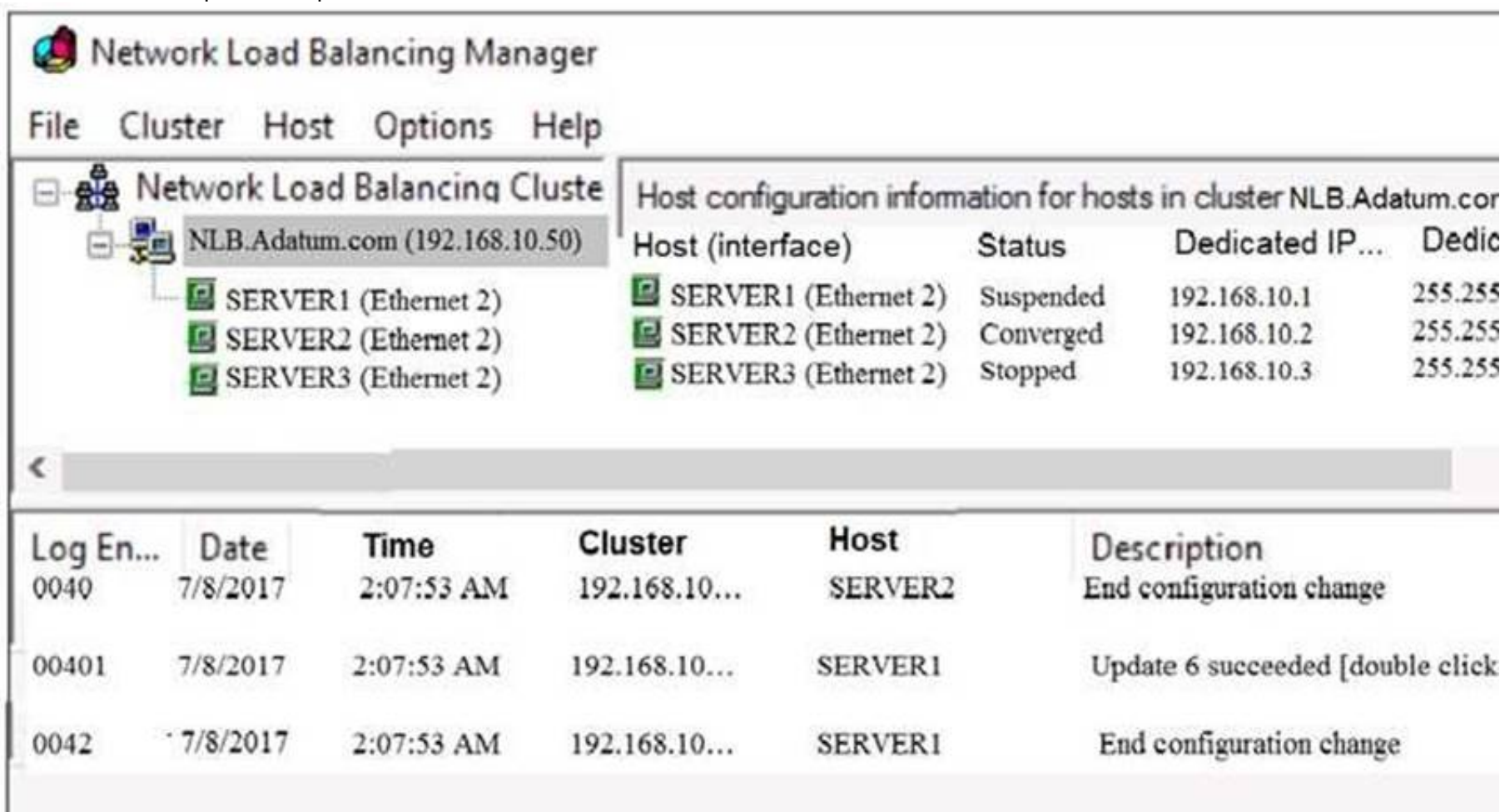
Your network contains three Hyper-V hosts. You add all of the hosts to a cluster.
 You need to create highly available storage spaces that connect to directly attached storage on the hosts.
 Which cmdlet should you use?

- A. Enable-ClusterStorageSpacesDirect
- B. Update-ClusterVirtualMachineConfiguration
- C. Add-ClusterDisk
- D. Set-Storage Pool

Answer: A

NEW QUESTION 222

Your network contains an Active Directory domain named adatum.com. The domain contains a Network Load Balancing (NLB) cluster as shown in the exhibit. (Click the Exhibit button.)
 Which hosts will respond to requests sent to nlb.adatum.com?



Log Entry	Date	Time	Cluster	Host	Description
0040	7/8/2017	2:07:53 AM	192.168.10...	SERVER2	End configuration change
00401	7/8/2017	2:07:53 AM	192.168.10...	SERVER1	Update 6 succeeded [double click
0042	7/8/2017	2:07:53 AM	192.168.10...	SERVER1	End configuration change

- A. Server1 only
- B. Server2 only
- C. Server1 and Server2 only
- D. Server1, Server2

Answer: B

NEW QUESTION 224

HOTSPOT
 You have a server named Server1 that runs Windows Servers 2016. Server1 has a storage array that contains multiple storage enclosures. The storage hardware supports enclosure awareness.
 You need to implement Storage Spaces on Server1. Storage Spaces must remain available if two enclosures fail. The solution must minimize the number of enclosures required and must provide the fastest possible write performance.
 Which configurations should you use? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Answer Area

Resiliency type:

	▼
Dual parity	
Single parity	
Three-way mirror	
Two-way mirror	

Number of enclosures:

	▼
3	
4	
5	
6	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

References: <https://docs.microsoft.com/en-us/windows-server/storage/storage-spaces/storage-spaces-fault-tolerance#summary>

NEW QUESTION 226

HOTSPOT

You have a server named Server1 that runs Windows Server 2016. You create a storage pool named Pool1. Pool1 contains three disks.

You need to create a two-way mirror storage space from the disks in Pool1.

Which command should you run? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Answer Area

	▼	-StoragePoolFirendlyName Pool1 -FirendlyName Space1-
New-StorageSunsystemVirtualDisk		-UseMaximumSize -ResiliencySettingName Mirror
New-VHD		
New-VirtualDisk		
New-Volume		

-NumberofDataCopies	▼	-NumberOfColumns-	▼
1		1	
2		2	
3		3	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

References: <https://charbelnemnom.com/2014/09/step-by-step-how-to-create-a-two-way-mirrored-storage-space-via-powershell-storagespaces-powershell/>

NEW QUESTION 227

You have a Windows Server 2016 failover cluster 1 that contains four nodes named Server1, Server2, Server3, Server4, Cluster1 hosts 40 virtual machines that are distributed evenly across the nodes. Server1 and Server2 are located in a data center in Madrid. Server3 and Server4 are located in a data center in Barcelona.

You need to ensure that when you pause a node in the other data center.

Which two actions should you perform? Each correct answer present part of the solution.

- A. Run the New-Cluster Fault Domain cmdlet.
- B. Run the Add-Cluster Group cmdlet.

- C. Configure a file share witness for each data center.
- D. Run the Set-Cluster Fault Domain cmdlet.
- E. Create an Active Directory site for each data center.
- F. Change the quorum configuration of the cluster to Node Majority.

Answer: BD

NEW QUESTION 231

You have a Hyper-V host named Server1 that runs Windows Server 2016. Server1 has an external virtual switch named Switch1. Server1 hosts a virtual machine named VM1 that runs Windows Server 2016. VM1 has one network adapter. The network adapter connects to Switch1. You need to limit the maximum network bandwidth available to VM1 to 100 Mbps. The solution must limit the bandwidth for VM1 only. Which cmdlet should you run?

- A. Set-NetAdapter
- B. Set-VMNetworkAdapter
- C. Set-VM
- D. Set-NetAdapterVmq
- E. Set-NetworkSwitchPortProperty

Answer: B

Explanation:

The Set-VMNetworkAdapterVlan cmdlet configures virtual LAN settings for the traffic through a virtual network adapter.

NEW QUESTION 234

NOTE: This Question is a part of a series of questions that use the same or 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 server 1 that runs Windows Server 2016 and a two-node scale-out file server cluster named Cluster1. You need to migrate the storage on VM1 to Cluster1. Which tool should you use?

- A. the clussvc.exe command
- B. the Cluster.exe command
- C. the Computer Management snap-in
- D. the configure hyperv.exe command
- E. the Disk Management snap-in
- F. the Failover Cluster Manager snap-in
- G. the Hyper-V Manager snap-in
- H. the Server Manager app

Answer: G

NEW QUESTION 235

NOTE: This Question is a part of a series of questions that use the same or 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 two-node Hyper-V cluster named Cluster1. A virtual machine named VM1 runs on Cluster1. You need to configure monitoring of VM1. The solution must move VM1 to a different node if the Print Spooler service on VM1 stops unexpectedly. Which tool should you use?

- A. the clussvc.exe command
- B. the cluster.exe command
- C. the Computer Management snap-in
- D. the configurehyper.exe command
- E. the Disk Management snap-in
- F. the Failover Cluster Manager snap-in
- G. the Hyper-V Manager snap-in
- H. the Server Manager app

Answer: F

NEW QUESTION 236

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After 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.

Your network contains an Active Directory forest named contoso.com. The forest contains a child domain named eu.contoso.com.

You plan to implement live migration between two Hyper-V hosts that run Windows Server 2016. The hosts are configured as shown in the following table.

Host name	Configuration
Host1	<ul style="list-style-type: none"> Is a member of the contoso.com domain Uses an Intel Xeon processor released in 2012 Has an external virtual switch named Switch1 Hosts a virtual machine named VM1 that connects to Switch1
Host2	<ul style="list-style-type: none"> Is a member of the eu.contoso.com domain Uses an Intel Xeon processor released in 2016 Has an external virtual switch named Switch1

You need to ensure that you can perform a live migration of VM1 from Host1 to Host2. Solution: You move Host2 to the contoso.com domain. Does meet the goal?

- A. Yes
- B. No

Answer: B

NEW QUESTION 237

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After 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.

You have an Exchange Server 2016 organization.

Some users access the mailbox on their mobile device by using Exchange ActiveSync.

You need to prevent the users from synchronizing more than one month of email or calendar data to their device.

Solution: You deploy an Allow/Block/Quarantine policy. Does this meet the goal?

- A. Yes
- B. No

Answer: B

NEW QUESTION 242

Note: This question is part of a series of questions that use the same scenario. For your convenience, the scenario is repeated in each question. Each question presents a different goal and answer choices, but the text of the scenario is exactly the same in each question in this series.

A company named Contoso, Ltd. has several servers that run Windows Server 2016. Contoso has a Hyper-V environment that uses failover clustering and Windows Server Update Services (WSUS). The environment contains several Windows containers and several virtual machines.

The WSUS deployment contains one upstream server that is located on the company's perimeter network and several downstream servers located on the internal network. A firewall separates the upstream server from the downstream servers.

You plan to deploy a human resources application to a new server named HRServer5. HRServer5 contains a FAT32-formatted data volume.

The CIO of Contoso identifies the following requirements for the company's IT department:

Deploy a failover cluster to two new virtual machines.

Store all application databases by using Encrypted File System (EFS).

Ensure that each Windows container has a dedicated IP address assigned by a DHCP server.

Produce a report that lists the processor time used by all of the processes on a server named Server1 for five hours.

Encrypt all communication between the internal network and the perimeter network, including all WSUS communications.

Automatically load balance the virtual machines hosted in the Hyper-V cluster when processor utilization exceeds 70 percent.

Which networking mode should you configure for the Windows containers?

- A. 12tunnel
- B. 12bridge
- C. network address translation (NAT)
- D. transparent

Answer: C

Explanation:

References: <https://blogs.technet.microsoft.com/virtualization/2016/05/05/windows-container-networking/>

NEW QUESTION 245

You have a server named VM1. VM1 is a virtual machine on a Hyper-V host that runs Windows Server 2016. You need to create a checkpoint that includes the virtual machine memory state of VM1.

What command should you run? To answer, select the appropriate options in the answer area.

Checkpoint-VM

Get-VMSnapshot

Set-VM

-Name VM1 -CheckpointType

Production

ProductionOnly

Standard

Checkpoint-VM

Export-VMSnapshot

Get-VHDSnapshot

-Name VM1 -SnapshotName Snapshot1

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

References:
<https://docs.microsoft.com/en-us/virtualization/hyper-v-on-windows/user-guide/checkpoints>

NEW QUESTION 246

You have a Network Load Balancing (NLB) cluster that contains two nodes named Server1 and Server2. The nodes run Windows Server 2016. The NLB cluster has the following configuration.

ClusterName

:

IPAddress

:

172.16.4.1

Name

:

ClusterIPAddress

:

172.16.4.1

ClusterNetworkMask

:

255.255.0.0

ClusterMacAddress

:

02-bf-ac-10-04-01

OperationMode

:

UNICAST

BdaReverseHash

:

False

BdaTeamActive

:

False

BdaTeamId

:

BdaTeamMaster

:

False

IPAddress	State	Start	End	Protocol	Mode	Affinity	Timeout
All	Enabled	0	65535	Both	Multiple	Single	0

You deploy the Web Server (IIS) server role identically to both servers. You need to configure NLB to load balance requests between the web servers. HTTP requests must be stateless. HTTPS requests must be stateful. What should you do? Each correct answer presents part of the solution.

- A. Modify the Cluster operation mode.
- B. Suspend the cluster.
- C. Drainstop the cluster.
- D. Add a new port rule.
- E. Edit the existing port rule.

Answer: CD

Explanation:

References:
<https://www.ntweekly.com/2017/09/04/failover-nlb-cluster-host-member/> <https://docs.microsoft.com/en-us/windows-server/networking/technologies/network-load-balancing>

NEW QUESTION 249

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