



70-740^{Q&As}

Installation, Storage, and Compute with Windows Server 2016

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**QUESTION 1**

You have a Windows Server 2016 Server Core named Server1.

Server1 is configured to perform real-time protection scans by using Windows Defender.

You need to ensure that all of the files located in D:\App1\Data are excluded from the real-time protection scans.

What should you do?

- A. Run the Set-MpPreference cmdlet and specify the -ExclusionPath parameter
- B. Run the Get-ChildItem cmdlet and specify the -Exclude parameter
- C. From the properties of the D:\App1\Data folder, modify the permissions
- D. From a command prompt, run the attrib command and specify the -s parameter
- E. From the properties D:\App1\Data folder, enable the Hidden attribute.
- F. Run the Import-ShieldingDataFile cmdlet and specify the -ShieldingDataFilePath parameter
- G. Run the Protect-ShieldingDataFile cmdlet and specify the -ShieldingDataFilePath parameter.

Correct Answer: A

The Set-MpPreference cmdlet configures preferences for Windows Defender scans and updates. <https://docs.microsoft.com/en-us/windows/security/threat-protection/windows-defender-antivirus/configure-extension-file-exclusions-windows-defender-antivirus>

QUESTION 2

Your network contains an Active Directory domain named contoso.com. The domain contains two servers named Server1 and Server2 that run Windows Server 2016. Server1 and Server2 have multiple local disks attached.

You need to create a storage pool by using Storage Spaces Direct.

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.

Select and Place:



Actions

From Server1, run the **New-SpacesPool** cmdlet.

On Server1 and Server2, install the Failover Clustering feature.

From Server1, run the **New-StorageFileServer** cmdlet.

From Server1, run the **New-Cluster** cmdlet.

On Server1 and Server2, install the Storage Replica feature.

From Server1, run the **Enable-ClusterStorageSpacesDirect** cmdlet.

On Server1 and Server2, install the File Server role service.

Answer Area



Correct Answer:

Actions

From Server1, run the **New-SpacesPool** cmdlet.

From Server1, run the **New-StorageFileServer** cmdlet.

On Server1 and Server2, install the Storage Replica feature.

On Server1 and Server2, install the File Server role service.

Answer Area

On Server1 and Server2, install the Failover Clustering feature.

From Server1 run the **New-Cluster** cmdlet.

From Server1, run the **Enable-ClusterStorageSpacesDirect** cmdlet.

References: <https://docs.microsoft.com/en-us/windows-server/storage/storage-spaces/deploy-storage-spaces-direct>

QUESTION 3

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

You have two network adapter cards on Server1 that are Remote Direct Memory Access (RDMA) -capable.

You need to aggregate the bandwidth of the network adapter cards for a virtual machine on Server1.

The solution must ensure that the virtual machine can use the RDMA capabilities of the network adapter cards.

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

Hot Area:

☐ ☐ -Name Production -NetAdapterName "NIC 1", "NIC 2" ☐ \$true
 Add-NetLbfoTeamNic
 Add-VmNetworkAdapter
 New-NetLbfoTeam
 Add-VmSwitch

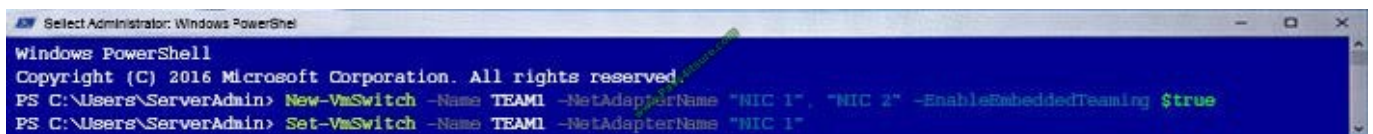
Correct Answer:



References: <https://docs.microsoft.com/en-us/windows-server/virtualization/hyper-v-virtual-switch/rdma-and-switch-embedded-teaming>

QUESTION 4

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:

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

Hot Area:

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	

Correct Answer:



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	

QUESTION 5

You have Hyper-V virtual machines that run 50 web servers, 10 Microsoft SQL Server servers. 10 file servers, and eight domain controllers.

You need to implement a backup strategy that meets the following requirements:

- *Backs up all servers
- *Centralizes backup management
- *Performs application-level backups
- *Provides the ability to perform bare metal recovery

What should you use?

- A. Microsoft Azure VM Backup
- B. Microsoft Azure Backup Agent
- C. Windows Server Backup
- D. Microsoft Azure Backup Server

Correct Answer: D

References: <https://docs.microsoft.com/en-us/azure/backup/backup-introduction-to-azure-backup>

QUESTION 6



On a new server, you install Windows Server 2016 and then you install the Hyper-V server role.

You need to ensure that you can deploy Windows containers that use an image of the Server Core installation of Windows Server.

Which four commands should you use in sequence? To answer, move the appropriate commands from the list of commands to the answer area and arrange them in the correct order.

Select and Place:

The commands available for selection are:

- `docker pull microsoft/windows servercore`
- `Install-Package -Name microsoft/dotnet - framework-docker -ProviderName DockerMsftProvider`
- `Install -windowsFeature Hyper-V`
- `Install-Module -Name DockerMsftProvider -Repository PSGallery -force`
- `Set-VMProcessor -ExposeVirtualizationExtensions $true`
- `docker pull docker/windows-x64`
- `Restart-Computer -Force`
- `Install-Package -Name docker -ProviderName DockerMsftProvider`

Correct Answer:



	Install-Module -Name DockerMsftProvider -Repository PSGallery -force
Install-Package -Name microsoft/dotnet - framework-docker -ProviderName DockerMsftProvider	Install-Package -Name docker -ProviderName DockerMsftProvider
Install -windowsFeature Hyper-V	Restart-Computer -Force
	docker pull microsoft/windows servercore
Set-VMProcessor -ExposeVirtualizationExtensions \$true	
docker pull docker/windows-x64	

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

QUESTION 7

You have a Hyper-V host named Server1 that runs Windows Server 2016. Server1 host a virtual machine named VM1. VM1 has the following settings:

1.

Nested virtualization is enabled.

2.

Dynamic Memory is disabled.

VM1 is currently running.

You need to adjust the amount of memory assigned to VM1 as quickly as possible.

What should you do first?

A. Change the memory buffer setting of VM1.

B. Pause VM1.

C. Shut down VM1.

D. Enable Dynamic Memory for VM1.



Correct Answer: C

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

QUESTION 8

You have an application named App1. App1 is distributed to multiple Hyper-V virtual machines in a multitenant environment. You need to ensure that the traffic is distributed evenly among the virtual machines that host App1. What should you include in the environment?

- A. Network Controller and Windows Server Network Load Balancing (NLB) nodes
- B. Network Controller and Windows Server Software Load Balancing (SLB) nodes
- C. an RAS Gateway and Windows Server Network Load Balancing (NLB) nodes
- D. an RAS Gateway and Windows Server Software Load Balancing (SLB) nodes

Correct Answer: D

QUESTION 9

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:

Windows IP Configuration

```
Host Name..... : Server1
Primary DNS Suffix..... :
Node Type..... : Hybrid
IP Routing Enabled..... : No
WINS Proxy Enabled..... : No
DNS Suffix Search List..... :
```

Ethernet adapter Ethernet:

```
Connection-specific DNS Suffix.. :
Description..... : Microsoft Hyper-V Network Adapter
Physical Address..... : 00-15-SD-01-62-17
DHCP Enabled..... : Yes
Autoconfiguration Enabled..... : Yes
Link-local IPv6 Address..... : fe80::7548:46d8:8ffc:d5ab%17 (Preferred)
IPv4 Address..... : 192.168.1.154 (Preferred)
Subnet Mask..... : 255.255.255.0
Default Gateway..... : 192.168.1.10
DHCPv6 IAID..... : 369099429
DHCPv6 Client DUID..... : 00-01-00-01-1A-1D-5D-60-00-02-A5-4E-F4-85
DNS Servers..... : 192.168.1.32
NetBIOS over TCP/IP..... : Disabled
```

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



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

Correct Answer: C

QUESTION 10

You have a server named Server1 that contains five volumes.

You install Data Deduplication on Server1.

You plan to enable Data Deduplication on volumes that can achieve a space saving of 50 percent or greater.

What should you run to identify on which volumes you should enable Data Deduplication?

- A. ddpeval.exe
- B. Optimize-Volume
- C. ddpcli.exe
- D. diskpart.exe
- E. Get-DedupVolume

Correct Answer: A

<https://docs.microsoft.com/en-us/windows-server/storage/data-deduplication/install-enable>

QUESTION 11

HOTSPOT

You have a Hyper-V host named Server1. Server1 hosts a virtual machine named VM1 that has two network adapters.

You need to create a NIC team on VM1.

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

NOTE: Each correct selection is worth one point.

Hot Area:



Answer Area

Cmdlet to run on Server1:

	▼
New-NetLbfoTeam	
New-VMSwitch	
Set-VMNetworkAdapter	

Cmdlet to run on VM1:

	▼
New-NetLbfoTeam	
Set-VMNetworkAdapter	
Set-VMSwitchTeam	

Correct Answer:

Answer Area

Cmdlet to run on Server1:

	▼
New-NetLbfoTeam	
New-VMSwitch	
Set-VMNetworkAdapter	

Cmdlet to run on VM1:

	▼
New-NetLbfoTeam	
Set-VMNetworkAdapter	
Set-VMSwitchTeam	

References: <https://docs.microsoft.com/en-us/windows-server/networking/technologies/nic-teaming/create-a-new-nic-team-on-a-host-computer-or-vm> <https://docs.microsoft.com/en-us/powershell/module/netlbfo/new->



netlbfoteam?view=win10-ps

QUESTION 12

You have a server named Server1 that runs Windows Server 2016. Server1 contains a volume named D. Volume D contains the folders shown in the following table.

Name	Size	Description
Folder1	200 GB	Contains Microsoft Word documents and PowerPoint presentations that are encrypted by using EFS
Folder2	200 GB	Contains several VHDX files that contain installations of Windows 10
Folder3	200 GB	Contains uncompressed BMP images
Folder4	200 GB	Application source files for different versions of Microsoft Office

You enable Data Deduplication.

Which folder will benefit the least from Data Deduplication?

- A. Folder2
- B. Folder3
- C. Folder1
- D. Folder4

Correct Answer: C

References: <https://docs.microsoft.com/en-us/windows-server/storage/data-deduplication/overview>

QUESTION 13

You have a Windows container host named Server1.

On Server1, you create a container named Container1.

You need to mount C:\ContainerFiles from Server1 to Container1.

What should you run?

- A. `dockerd --storage-opt dm.mountopt=ContainerFiles`
- B. `docker run -it -v c:\ContainerFiles Container1`
- C. `dockerd --storage-opt dm.datadev=/c/ContainerFiles`



D. docker run -it -vc:\ContainerFiles:c:\ContainerFiles Container1

Correct Answer: D

QUESTION 14

DRAG DROP

Your network contains an Active Directory domain named contoso.com. The domain contains a server named Server1 that runs Windows Server 2016.

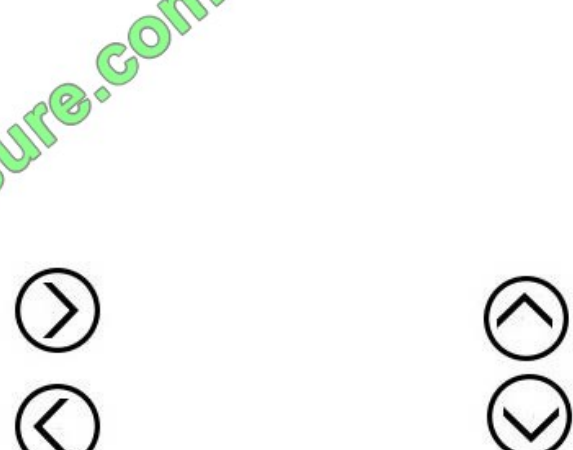
Server1 allows inbound connectivity from all computers in the contoso.com domain. Server1 has an IP address of 192.168.0.10.

Server1 hosts a Windows container named Container1. Container1 hosts a website that is accessible on port 80.

You need to ensure that you can use the Docker client to manage Container1 from any computer in the domain.

Which three cmdlets should you run in sequence? To answer, move the appropriate cmdlets from the list of cmdlets to the answer area and arrange them in the correct order.

Select and Place:

Actions	Answer Area
Restart-Service docker	
New-ContainerNetwork- Name nat1 – Mode NAT- SubnetPrefix 192.168.0.0/24 – GatewatAddress 192.168.0.10	
Add-Content 'c:\programdata\docker\config\daemon.json' '{"hosts": [{"tcp://127.0.0.1:80", "npipe://"}]}'	
Add-Content 'c:\programdata\docker\config\daemon.json' '{"hosts": [{"tcp://0.0.0.0:2375", "npipe://"}]}'	
New-Item-Type File c:\programData\docker\confing\daemon.json	

Correct Answer:



Actions

New-ContainerNetwork- Name nat1 – Mode NAT- SubnetPrefix 192.168.0.0/24 – GatewatAddress 192.168.0.10

Add-Content 'c:\programdata\docker\config\daemon.json' '{"hosts": [{"tcp://127.0.0.1:80", "npip: //"}]}'

Answer Area

New-Item-Type File c:\programdata\docker\config\daemon.json

Add-Content 'c:\programdata\docker\config\daemon.json' '{"hosts": [{"tcp://0.0.0.0:2375", "npip: //"}]}'

Restart-Service docker

<https://glennsarti.github.io/blog/getting-started-with-windows-containers/> <https://docs.microsoft.com/en-us/virtualization/windowscontainers/manage-containers/container-networking>

QUESTION 15

Your network contains an Active Directory domain named contoso.com. The domain contains the servers shown in the following table.

Name	Operating system	Data Deduplication
Server1	Windows Server 2016	Enabled
Server2	Windows Server 2016	Not installed
Server3	Windows Server 2012 R2	Enabled

Server1 has a volume named D that contains the files shown in the following table.

Name	Size
File1.txt	20 KB
File2.docx	1 MB
File3.vhdx	10 GB

Server1 fails.

You plan to move volume D to a different server.

Which files can you access if you move volume D to Server2 or Server3? To answer, select the appropriate options in



the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Server2:

	▼
File1.txt only	
File1.txt and File2.docx only	
File1.txt, File2.docx, and File3.vhdx	
None of the files	

Server3:

	▼
File1.txt only	
File1.txt and File2.docx only	
File1.txt, File2.docx, and File3.vhdx	
None of the files	

Correct Answer:

Answer Area

Server2:

	▼
File1.txt only	
File1.txt and File2.docx only	
File1.txt, File2.docx, and File3.vhdx	
None of the files	

Server3:

	▼
File1.txt only	
File1.txt and File2.docx only	
File1.txt, File2.docx, and File3.vhdx	
None of the files	



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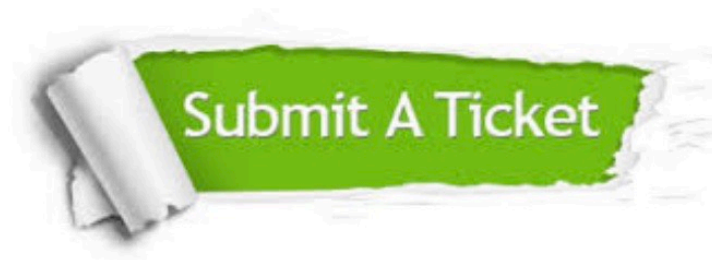
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