



70-743^{Q&As}

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QUESTION 1

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

You need to deploy the first cluster node of a Network Controller cluster.

Which four 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:

Cmdlets

- Install-NetworkControllerCluster
- Enable-NetworkControllerNode
- New-NetworkControllerNodeObject
- Install-WindowsFeature
- Install-NetworkController

Answer Area

←
→

↑
↓

Correct Answer:

Cmdlets

-
- Enable-NetworkControllerNode
-
-
-

Answer Area

←
→

↑
↓

- Install-WindowsFeature
- New-NetworkControllerNodeObject
- Install-NetworkControllerCluster
- Install-NetworkController

Deploy Network Controller using Windows PowerShell

1. `Install-WindowsFeature` Install the Network Controller server role To install Network Controller by using Windows PowerShell, type the following commands at a Windows PowerShell prompt, and then press ENTER. `Install-WindowsFeature -Name NetworkController -IncludeManagementTools`
2. `New-NetworkControllerNodeObject` You can create a Network Controller cluster by creating a node object and then configuring the cluster. You need to create a node object for each computer or VM that is a member of the Network Controller cluster. To create a node object, type the following command at the Windows PowerShell command prompt, and then press ENTER. Ensure that you add values for each parameter that are appropriate for your deployment. `New-NetworkControllerNodeObject -Name -Server -FaultDomain -RestInte`
3. `Install-NetworkControllerCluster` To configure the cluster, type the following command at the Windows PowerShell command prompt, and then press ENTER. Ensure that you add values for each parameter that are appropriate for your deployment. `Install-NetworkControllerCluster -Node -ClusterAuthentication ...`
4. `Install-NetworkController` To configure the Network Controller application, type the following command at the Windows PowerShell command prompt, and then



press ENTER. Ensure that you add values for each parameter that are appropriate for your deployment. Install-
NetworkController –Node –ClientAuthentication References: <https://technet.microsoft.com/en-us/library/mt282165.aspx>

QUESTION 2

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. (Click the Exhibit button.)



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 Hyper-V Manager on Server1, modify the properties of vSwitch1.

Correct Answer: A



You can configure NIC teaming in the Guest OS; however, before NIC teaming will work in a virtual machine, you need to enable NIC teaming in the Advanced Features section of the VM settings.

QUESTION 3

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 Server1 and Server2 that run Windows Server 2016. Server1 and Server2 have the Hyper-V server role installed.

An iSCSI SAN connects to the network.

You create a LUN on the SAN and configure both servers to connect to the iSCSI target.

You create a failover cluster and add Server1 and Server2 to the cluster. You connect both servers to the iSCSI target and format the shared storage.

You need to add the shared storage to the cluster. The solution must ensure that virtual machines running on both nodes can access the shared storage simultaneously.

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 snap-in
- F. the Failover Cluster Manager snap-in
- G. the Hyper-V Manager snap-in
- H. the Server Manager app

Correct Answer: F

References: [https://technet.microsoft.com/en-us/library/jj612868\(v=ws.11\).aspx](https://technet.microsoft.com/en-us/library/jj612868(v=ws.11).aspx)

QUESTION 4

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



Publishing Settings CONNECTED TO AD FS

Welcome
Preauthentication
Publishing Settings
Confirmation
Results

Specify the publishing settings for this web application.

Name:

This name will appear in the list of published web applications.

External URL:

External certificate:

Enable HTTP or HTTPS redirection

Backend server URL:

Backend server SPN:

< Previous Next > Publish Cancel

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

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

Correct Answer:

Answer Area

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

Publish an Integrated Windows authenticated-based Application for WebBrowser Clients

1. Step 1: (configure the Backend server SPN – see first bulleted item below)

Before you begin, make sure that you have done the following:

Made sure that the Web Application Proxy servers are configured for delegation to the service principal names (SPN) of the backend servers.

Created a non-claims-aware relying party trust for the application in the AD FS Management console.



Configured the backend server to support Kerberos constrained delegation on the domain controller or by using the Set-ADUser cmdlet with the -PrincipalsAllowedToDelegateToAccount parameter. Note that if the backend server is

running on Windows Server 2012 R2 or Windows Server 2012, you can also run this PowerShell command on the backend server.

Verified that a certificate on the Web Application Proxy server is suitable for the application you want to publish.

1. Step 2: <http://server2.contoso.com/publish/app1>

Use the same URL as the backend server URL.

Web Application Proxy can translate host names in URLs, but cannot translate path names. Therefore, you can enter different host names, but you must enter the same path name. For example, you can enter an external URL of <https://apps.contoso.com/app1/> and a backend server URL of <http://app-server/app1/>. However, you cannot enter an external URL of <https://apps.contoso.com/app1/> and a backend server URL of <https://apps.contoso.com/internal-app1/>.

References: [https://technet.microsoft.com/en-us/library/dn383640\(v=ws.11\).aspx](https://technet.microsoft.com/en-us/library/dn383640(v=ws.11).aspx)

QUESTION 5

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.

Start of repeated scenario 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.



Server name	Configuration	Planned changes
Server 1	Domain controller	None
Server 2	File server	Run Failover Clustering and Storage Spaces Direct
Server 3	File server	Run Failover Clustering and Storage Spaces Direct
Server 4	Hyper-V host	Run shielded virtual machines
Server 5	Hyper-V host	None
Server 6	Member server	Run Active Directory Federation Services (AD FS)
VM1	Virtual machine hosted on Server 5	None
VM2	Virtual machine hosted on Server 5	None
VM3	Virtual machine hosted on Server 5	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.

End of repeated scenario.

You create a new NLB cluster that contains VM3.

You need to ensure that VM2 can remain in the original cluster and be added to the new cluster.

What should you do first?

- A. Add a new virtual network adapter to VM2.
- B. Install the Web Application Proxy server role on VM2 and VM3.
- C. Change the cluster operation mode.
- D. Modify the default port rule.

Correct Answer: A



References: <http://myitforum.com/myitforumwp/2012/08/16/how-to-configure-an-nlb-in-hyper-v-part-1/>

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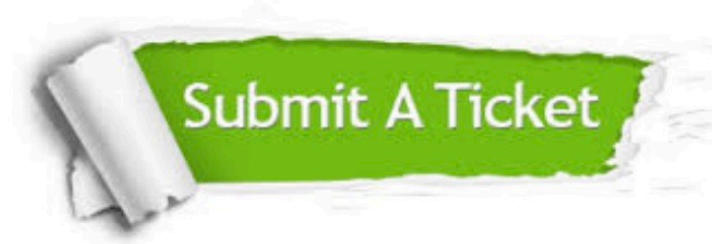
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365 Days Free Update
Instant Download After Purchase
24x7 Customer Support
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