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## Exam : 74-409

Title: Server Virtualization with<br/>Windows Server Hyper-V<br/>and System Center

# Version : DEMO

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1.You administer a Windows Server 2012 R2 server that has the Hyper-V role installed. You deploy a new virtual machine. You add two virtual network adapters to the virtual machine. You need to ensure that the virtual machine maintains network connectivity if one virtual network adapter fails. What should you do?

A. Run the Windows PowerShell cmdlet Enable-VMReplication.

- B. Enable Dynamic Host Configuration Protocol (DHCP) Guard.
- C. Run the Windows PowerShell cmdlet Set-VMHost.
- D. Run the Windows PowerShell cmdlet Set-VMNetworkAdapter.

## Answer: D

2.You administer a server that runs Windows Server 2012 R2 that has the Hyper-V role installed. You plan to apply an update to a virtual machine (VM).

You have the following requirements:

- You must be able to quickly revert back to a pre-update state.
- The solution must minimize storage requirements on the server.
- You need to apply the update. What should you do?
- A. Run the Windows PowerShell cmdlet New-VirtualDiskClone.
- B. Create a checkpoint of the VM.
- C. Run the Windows PowerShell cmdlet Export-VMSnapshot.
- D. Export the VM.

## Answer: B

3.A company has Windows Server 2012 R2 servers that have the Hyper-V role installed.

The guest virtual machine	s are configured as follows:
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Configuration	Description
Operating System	Windows Server 2012
Virtual Machine Generation	Generation 1
Operating System Drive Format	.vhdx
Data Drive Format	.vhd

You need to ensure that the environment supports online virtual hard disk resizing.

What should you do?

- A. Convert the virtual machines to Generation 2 virtual machines.
- B. Deploy clustered storage spaces.
- C. Convert the drive format of the virtual machines to the VHDX file format.
- D. Deploy Serial Attached SCSI (SAS).

## Answer: C

4.A Windows Server 2012 R2 Hyper-V host server has four network adapters that are connected to two different network switches, server contains a virtual machine named NYC-WEB.

You have the following requirements:

- increase the available bandwidth for NYC-WEB
- implement network fault tolerance for NYC-WEB without modifying network switch configurations
- use the least amount of administrative effort

You need to configure the Hyper-V environment. What should you do first?

- A. Enable NIC teaming. Configure the team to use Static Teaming mode.
- B. Enable NIC teaming. Configure the team to use Switch Independent mode.
- C. Enable Bandwidth Management on NYC-WEB.
- D. Run the Windows PowerShell command Set-NetLbfoTeam -Name Team1 -TeamingMode Static.

### Answer: B

### 5.DRAG DROP

You administer a Windows Server 2012 R2 server that has the Hyper-V role installed. The host server has the following configuration:

Server	Switch	VLAN ID	Description
VM-SERVER1	VirtualSwitch1	30	Lab Environment
VM-SERVER2	VirtualSwitch2	50	Production Environment

You deploy a new lab virtual machine named VM-SERVER3.

You need to ensure that VM-SERVER3 communicates only with VM-SERVER1.

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.

RVER3, add a virtual network adapter and it with VirtualSwitch1.
/indows PowerShell cmdlet Enable- hExtension.
RVER3, add a virtual network adapter and it with VirtualSwitch2.
tual LAN (VLAN) identification.
a virtual LAN (VLAN) ID of 50.
a virtual LAN (VLAN) ID of 30.

Answer:

Run the Windows PowerShell cmdlet Enable-VMSwitchExtension.

On VM-SERVER3, add a virtual network adapter and associate it with VirtualSwitch2.

On VM-SERVER3, add a virtual network adapter and associate it with VirtualSwitch1.

Enable virtual LAN (VLAN) identification.

Configure a virtual LAN (VLAN) ID of 30.

Configure a virtual LAN (VLAN) ID of 50.

#### **Explanation:**

For step 2 and step 3 refer to the diagram below.

Hyper-V Manager		
a File Action View Window Help		
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Hyper-V Manager	Actions	
# HYPERLAS1 Virtual Machi		HYPERIAB1
Settings for DC2		New
Hardware	Network Adapter	🕞 Import Virtual Machine
1 Add Bardware	Specify the configuration of the network adapter or remove the network adapter.	Hyper-V Setzings
Boothrom CD	Network	👯 Virtual Network Manager
Mettory	External	💰 Edk Disk
304 //8 Processor	MAC Address	📇 Inspect Disk
1 Virtual processor	C Dynamic	Stop Service
E IDE Controller 0	C 2.00	X Remove Server
Hard Drive DC2.vhd	10-115-50-0A -E <sup>p</sup> -00	Refresh
🖃 🔝 IDE Controller 1	Enable virtual LAN identification	View
CVD Drive	VLANID	New Window From Here
Network Adapter External	The /LAN identifier specifies the virtual LAN that this virtual machine will use for all network communications through this network adapter.	Heb
TT COM1	10	DC2
None		a constant
1 COM5	To remain the network adapter from this virtual machine, click Resource.	Settings
None Diskette Drive	Rimove	E Settings
La Uskete Drive	- Nelloys	Tom Off.

Incorrect:

Not Enable-VMSwitchExtension: The Enable-VMSwitchExtension cmdlet enables one or more extensions on one or more switches. You can use the Get-VMSystemSwitchExtension cmdlet to enumerate the virtual switch extensions installed on the system.