

QUESTIONS & ANSWERS

Kill your exam at first Attempt



Microsoft

74-409

*Server Virtualization with Windows Server Hyper-V
and System Center*

D. two DPM servers in the internal network and two DPM servers in the perimeter network

Answer: A

QUESTION: 90

A company has Windows Server 2012 R2 servers that have the Hyper-V role installed. The guest virtual machines are configured as follows:

Configuration	Description
Operating System	Windows Server 2012
Virtual Machine Generation	Generation 1
Operating System Drive Format	.vhdx
Data Drive Format	.vhd

You need to configure the environment to support the creation of failover clusters. What should you do?

- A. Convert the data drives to use the VHDX file format.
- B. Convert the operating system drive to use the virtual hard disk (VHD) file format.
- C. Convert the virtual machines to Generation 2 virtual machines.
- D. Upgrade the operating system to Windows Server 2012 R2.

Answer: A

QUESTION: 91

An organization has private and public cloud resources. The organization has Windows Server 2012 R2 servers that have the Hyper-V roll installed. You have one four-node cluster of Hyper-V host servers. You use System Center 2012 R2.

The virtual machines that run on the cluster must remain online when you install updates on the Hyper-V host servers. You need to install updates on the Hyper-V host servers. What should you do?

- A. Configure Windows Server Update Services (WSUS) to provide updates to the virtual machines hosted on the cluster.
- B. Add all the servers to a collection in System Center 2012 R2 Configuration Manager. Deploy updates to the collection.

- C. Create orchestrated updates of Hyper-V host clusters by using System Center 2012 R2 Virtual Machine Manager (VMM).
- D. Configure Windows Update on the Hyper-V host servers to download updates from Microsoft Update.

Answer: A

QUESTION: 92

You are the virtualization administrator for an organization. The organization uses all components of System Center 2012 R2 in the production environment. A power supply in a Hyper-v host server fails. The host server continues to run and host virtual machines in this degraded state.

You have the following requirements:

- 1 Move virtual machines from host servers that are running in a degraded state to another host server.
- 1 Prevent placement of new virtual machines on degraded host servers. You need to configure the environment.

Which System Center feature should you implement?

- A. Dynamic Optimization
- B. Performance and Resource Optimization (PRO)
- C. Shared VHDX files
- D. Placement Rules

Answer: B

QUESTION: 93

You administer an environment that contains a Windows Server 2012 R2 server that has the Hyper-V role installed and a server that has System Center 2012 R2 Virtual Machine Manager (VMM). You plan to deploy two virtual machines (VMs).

You have the following requirements:

- 1 You must minimize the likelihood that the VMs will be offline at the same time.
- 1 You must minimize the likelihood that the VMs will reside on the same Hyper-V host server in the Hyper-V cluster.

You need to configure the two VMs. What should you do?

- A. Configure the two VMs to include a value for the preferred owners setting.
- B. Configure only one VM as highly available.

- C. Configure the VMs to reside on different storage area networks (SANs).
- D. Configure the VMs to use a custom property that contains the same value. Then, configure the VMs as members of the same availability set.

Answer: B

QUESTION: 94

A company has a Windows Server 2012 R2 Hyper-V host server named NYC-HOST1 that hosts a virtual machine (VM) named NYC-VM1. A critical security update must be applied immediately to NYC-VM1. There is no time to test the update before deployment. You must minimize the amount of time needed to restore the VM. You need to capture the state of NYC-VM1 before you install the critical security update. What should you do?

- A. From Hyper-V Manager, select NYC-VM1, and then create a checkpoint.
- B. Run the Windows PowerShell command `Save-VM NYC-VM1`.
- C. Run the Windows PowerShell command `Get-VMSnapshot NYC-VM1`.
- D. Run the Windows PowerShell command `Export-VMSnapshot NYC-VM1`.

Answer: B

QUESTION: 95

HOTSPOT

You administer two Windows 2012 R2 servers named SERVER1 and SERVER2. Both servers have the Hyper-V role installed. SERVER1 has network adapters that have Remote Direct Memory Access (RDMA) enabled. You plan to implement live migration in the environment. You have the following requirements:

- 1 Use remote management tools to manage the live migration tasks.
- 1 Optimize network performance during live migration.

You need to configure live migration settings on each host server.

In the Live Migrations section of the Hyper-V Settings window, which two options should you select? To answer, select the appropriate option buttons in the dialog box in the answer area.

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Advanced Features

Authentication protocol

Select how you want to authenticate live migrations.

- ☐ Use Credential Security Support Provider (CredSSP)
You must log on to the server to perform a live migration.
- ☐ Use Kerberos
This is more secure but requires constrained delegation for live migration.

Performance options

Select performance configuration options.

- ☐ TCP/IP
The memory of the virtual machine being migrated is copied over the network to the destination server over a TCP/IP connection.
- ☐ Compression
The memory of the virtual machine being migrated is compressed and then copied over the network to the destination server over a TCP/IP connection.
- ☐ SMB
The memory of the virtual machine being migrated is copied over the network to the destination server over a SMB connection. SMB Direct will be used if the network adapters of both the source and destination server have Remote Direct Memory Access (RDMA) capabilities enabled.

Answer:

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QUESTION: 96

An organization has a private cloud infrastructure. The organization uses Windows Server 2012 R2 servers that have the Hyper-V role installed. The organization uses all components of System Center 2012 R2. You use Virtual Machine Manager to configure four clouds and self-service groups. In addition, you configure price sheets for chargeback reporting in Service Manager. You must implement chargeback for private cloud customers. You need to ensure that chargeback reports in Service Manager will return data. Which three actions should you perform? Each correct answer presents part of the solution.

- A. In Service Manager, configure the Virtual Machine Manager Connector.
- B. Configure integration between Virtual Machine Manager and Operations Manager.
- C. Import a list of Hyper-V host servers into Service Manager by using the Import Instances from the CSV File tool.

- D. In Service Manager, configure the Operations Manager configuration item connector.
- E. In Service Manager, configure the Configuration Manager Connector.
- F. In Service Manager, configure the Orchestrator connector.

Answer: B, C, D

Explanation:

D: Configure the SCOM (System Center Operations Manager) connector in Service Manager To get the Cloud objects we were seeing in Operations Manager into the CMDB in Service Manager, the Operations Manager connector in Service Manager needs to be configured.

To do this, follow these steps:

Open the Service Manager console as an Administrator.

Select “Administration” in the Wunderbar and expand “Administration and Connectors.” In the action menu, select: Create Connector > Operations Manager CI Connector

Etc.

B: Configuring Virtual Machine Manager (VMM) for Chargeback

In Virtual Machine Manager the following configuration need to take place:

/ Create one or more Clouds

/ Provision or assign VMs to the Clouds

/ (B) Configure integration between Virtual Machine Manager and Operations Manager

/ Verify that the right information is exchanged between Operations Manager and Virtual Machine Manager.

C: About Importing Data from Comma-Separated Files into Service Manager

Configuration items contained in a comma-separated value (.csv) file can be imported into the Service Manager database by using the Import from CSV File feature. This feature lets you to bulk-import instances of any class type or projection type that is defined in the Service Manager database. You can use this feature to:

- Create configuration item or work item instances from data stored in a tabular format.
- Bulk-edit existing database instances.
- Populate the Service Manager database by using data exported from an external database.
- Circumvent data entry through forms when many class instances must be created at the same time.

QUESTION: 97

A company has offices in Hamburg, New York, and San Francisco. The Hamburg office has one Hyper-V host server named HAM-HOST1. The New York office has

two Hyper-V host servers named NYC-HOST1 and NYC-HOST2. The San Francisco office has one Hyper-V host server named SFC-HOST1. All Hyper-V host servers run Windows Server 2012 R2.

You must deploy an application virtual machine (VM) that will be used by the sales team at the company.

You need to ensure that the VM remains available during unplanned system outages. Which solution should you implement?

- A. a Hyper-V cluster that includes NYC-HOST1 and NYC-HOST2
- B. Server Message Block (SMB) 3.0 file shares on NYC-HOST1, NYC-HOST2, SFC-HOST1, and HAM-HOST1
- C. a Distributed File System (DFS) replication between NYC-HOST1, SFC-HOST1, and HAM-HOST1
- D. dynamic optimization on NYC-HOST1 and NYC-HOST2

Answer: A

QUESTION: 98

You administer an environment that uses a Windows Server 2012 R2 Hyper-V cluster and System Center 2012 R2 Virtual Machine Manager (VMM). You plan to deploy two virtual machines (VMs) that host a line-of-business (LOS) application.

The VMs must reside on the same Hyper-V host server at all times. The LOB application does NOT require high availability.

You need to deploy the VMs. What should you do?

- A. Add a custom property to both VMs, and assign the same value to each property. Configure the Hyper-V host cluster to use the same custom property and value. Configure a custom placement rule that uses filters that are based on the custom property and value.
- B. Configure the VMs to use the same VM network.
- C. Configure the VMs to reside on the same storage area networks (SANs).
- D. Add a custom property to both VMs, and assign the same value to each property. Configure the VMs as members of the same availability set.

Answer: A

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QUESTION: 99

A company has Hyper-V host servers and virtual machines (VMs). All host servers and VMs run Windows Server 2012 R2. You need to ensure that new VMs can boot from a SCSI virtual hard disk. What should you create?

- A. virtual disks that use the virtual hard disk (VHD) format
- B. virtual disks that use the VHDX format
- C. Generation 1 VMs
- D. Generation 2 VMs

Answer: D



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