

70-745 Dumps

Implementing a Software-Defined Datacenter (beta)

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NEW QUESTION 1

- (Exam Topic 1)

You need to ensure that the existing VMs meet the requirements. What should you do?

- A. Modify the VM disks to Differencing.
- B. Upgrade the VM operating system to Windows Server 2016 Standard edition.
- C. Modify the VM configuration to Generation 2.
- D. Upgrade the VM operating system to Windows Server 2016 Datacenter edition.

Answer: D

NEW QUESTION 2

- (Exam Topic 1)

You need to configure the IIS Nano Servers.

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	Answer Area
Restart the Nano Server.	
Run the Windows PowerShell cmdlet <code>Install-NanoServerPackage</code> .	
Copy the Nano Server packages to the Nano Server.	
Use the <code>dism</code> command on the Nano Server.	
Copy the Nano Server packages to the Hyper-V host.	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Actions	Answer Area
Restart the Nano Server.	Copy the Nano Server packages to the Nano Server.
Run the Windows PowerShell cmdlet <code>Install-NanoServerPackage</code> .	Use the <code>dism</code> command on the Nano Server.
Copy the Nano Server packages to the Nano Server.	Restart the Nano Server.
Use the <code>dism</code> command on the Nano Server.	
Copy the Nano Server packages to the Hyper-V host.	

NEW QUESTION 3

- (Exam Topic 2)

You need to configure the network settings for the SLB in the test environment.

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

NOTE: Each correct selection is worth one point.

- A. Create a logical network that uses the Private VLAN networks option.
- B. Create a logical network that uses the One connected network option.
- C. Create a private VIP and IP address pool that uses the IP range 10.10.90.2 - 10.10.90.254. Create a publicVIP and IP address pool that uses the IP range 10.10.20.2 - 10.10.20.254.
- D. Create a private VIP and IP address pool that uses the IP range 10.40.90.2 - 10.40.90.254. Create a publicVIP and IP address pool that uses the IP range 10.40.20.2 - 10.40.20.254.

Answer: AD

NEW QUESTION 4

- (Exam Topic 2)

You need to deploy the SDN network controller for the SCVMM test environment.

Which four 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	Answer Area
Select the template named Network Controller Production Generation 2 VM.xml.	
Configure the deployment settings.	
Assign the SCVMM server to the Group Policy.	
Click Deploy Service .	
Click Refresh Preview .	⬆
Create a Group Policy.	⬆
Select the template named Network Controller Standalone Generation 2 VM.xml.	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

References:

<https://docs.microsoft.com/en-us/system-center/vmm/sdn-controller?view=sc-vmm-1801>

NEW QUESTION 5

- (Exam Topic 2)

You need to configure the highly available SCVMM test instance. Which three actions should you perform in sequence?

Actions	Answer Area
Create the cluster using the name Tor-VMM	
Install failover clustering on Tor-Server1	
Install failover clustering on Det-server1	
Specify the cluster IP of 10.40.0.50	
Create the cluster using the name Det-VMM	
Specify the cluster IP 10.10.0.50	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Actions	Answer Area
Create the cluster using the name Tor-VMM	
Install failover clustering on Tor-Server1	
Install failover clustering on Det-server1	Install failover clustering on Det-server1
Specify the cluster IP of 10.40.0.50	
Create the cluster using the name Det-VMM	Create the cluster using the name Det-VMM
Specify the cluster IP 10.10.0.50	Specify the cluster IP of 10.40.0.50

NEW QUESTION 6

- (Exam Topic 2)

You need to deploy the production SCVMM instance.

Which values should you supply for each installation option? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Option	Value
SCVMM installation location	<div style="border: 1px solid black; padding: 2px;"> <div style="border-bottom: 1px solid black; padding: 2px;">AtI-Server1</div> <div style="border-bottom: 1px solid black; padding: 2px;">AtI-Server2</div> <div style="border-bottom: 1px solid black; padding: 2px;">Tor-Server1</div> <div style="padding: 2px;">Tor-Server2</div> </div>
Type of account needed	<div style="border: 1px solid black; padding: 2px;"> <div style="border-bottom: 1px solid black; padding: 2px;">Domain user account that is not a local administrator on the server</div> <div style="border-bottom: 1px solid black; padding: 2px;">Domain user account that is a local administrator on the server</div> <div style="border-bottom: 1px solid black; padding: 2px;">Local system account</div> <div style="padding: 2px;">Local administrator account</div> </div>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Option	Value
SCVMM installation location	<div style="border: 1px solid black; padding: 2px;"> <div style="border-bottom: 1px solid black; padding: 2px;">AtI-Server1</div> <div style="border-bottom: 1px solid black; padding: 2px;">AtI-Server2</div> <div style="border-bottom: 1px solid black; padding: 2px;">Tor-Server1</div> <div style="padding: 2px;">Tor-Server2</div> </div>
Type of account needed	<div style="border: 1px solid black; padding: 2px;"> <div style="border-bottom: 1px solid black; padding: 2px;">Domain user account that is not a local administrator on the server</div> <div style="border-bottom: 1px solid black; padding: 2px;">Domain user account that is a local administrator on the server</div> <div style="border-bottom: 1px solid black; padding: 2px;">Local system account</div> <div style="padding: 2px;">Local administrator account</div> </div>

References:

<https://docs.microsoft.com/en-us/system-center/vmm/plan-install?view=sc-vmm-1801#account-and-domainrequ>

NEW QUESTION 7

- (Exam Topic 3)

You use Microsoft System Center Virtual Machine Manager (SCVMM) to manage your company's virtual infrastructure. You need to install a host server that can run the full version of the .NET framework.

Solution: Install a host server that runs Windows Server 2016 R2 Server Core. Add the Desktop Experience feature.

Does the solution meet the goal?

- A. Yes
- B. No

Answer: A

Explanation:

References:

<https://docs.microsoft.com/en-us/windows-server/administration/server-core/what-is-server-core>

NEW QUESTION 8

- (Exam Topic 3)

You administer the Microsoft System Center Virtual Machine Manager (SCVMM) infrastructure for an organization. You deploy a software load balancer (SLB).

- A. 200
- B. 202
- C. 300
- D. 302

Answer: A

Explanation:

References:

<https://docs.microsoft.com/en-us/windows-server/networking/sdn/manage/configure-slb-and-nat>

NEW QUESTION 9

- (Exam Topic 3)

You plan to deploy Windows Server Gateway (WSG) with Microsoft System Center Virtual Machine Manager (SCVMM).

You need to configure the send and receive buffers for the Hyper-V hosts.

Solution: You run the Windows PowerShell cmdlet Enable-NetAdapterRss. Does the solution meet the goal?

- A. Yes
- B. No

Answer: B

Explanation:

You can use the following Windows PowerShell commands to enable and configure RSS on your network adapters:

Enable-NetAdapterRss "NIC1","NIC2"

References:

<https://docs.microsoft.com/en-us/windows-server/administration/performance-tuning/subsystem/software-define>

NEW QUESTION 10

- (Exam Topic 3)

You administer Microsoft system center Virtual machine manager (SCVMM). You create a virtual network adapter that connects a virtual machine (VM) named VM1 to a virtual switch called SW1.

You need to configure the maximum and minimum bandwidths for the virtual network adapter. Which object should you create in SCVMM?

- A. Virtual port profile
- B. Uplink port profile
- C. Port classification
- D. Logical switch

Answer: A

Explanation:

You apply virtual network adapter port profiles to virtual network adapters. These profiles define specific capabilities, such as bandwidth limitations, and priority.

References:

<https://docs.microsoft.com/en-us/system-center/vmm/network-port-profile?view=sc-vmm-1807>

NEW QUESTION 10

- (Exam Topic 3)

You deploy Microsoft System Center Virtual Machine Manager (SCVMM) and System Center Operations Manager (SCOM). You install the SCOM agent on the SCVMM server. You install the SCVMM management pack.

You need to ensure that Performance and Resource Optimization (PRO) is available. What should you run?

- A. the SCOM setup wizard
- B. the integration wizard in the SCVMM console
- C. the integration wizard in the SCOM console
- D. the SCVMM setup wizard

Answer: B

Explanation:

References:

<https://docs.microsoft.com/en-us/system-center/vmm/monitors-ops-manager?view=sc-vmm-1801>

NEW QUESTION 14

- (Exam Topic 3)

You manage a Microsoft System Center Virtual Machine Manager (SCVMM) environment. You plan to create virtual machine (VM) networks and IP address pools. You need to ensure that VM networks are segmented.

Solution: You create a VM network and specify the Isolate using Hyper-V Network Virtualization option.

Does the solution meet the goal?

- A. Yes
- B. No

Answer: A

Explanation:

The type of VM network you set up depends on the isolation settings for the logical network:

Network virtualization: If the logical network is isolated using network virtualization you can create multiple VM networks for a logical network. Within a VM network tenants can use any IP addresses they want for their VMs regardless of the IP addresses used on other VM networks. Tenants can also configure some network settings.

VLAN: If the logical network is isolated using VLAN or PVLAN you'll create on VM network for each network site and VLAN in the logical network.

No isolation: If the logical network is configured without isolation you'll create a single VM network linked to a logical network.

References:

<https://docs.microsoft.com/en-us/system-center/vmm/network-virtual?view=sc-vmm-1807#create-a-vm-network>

NEW QUESTION 17

- (Exam Topic 3)

You plan to deploy a Nano Server that has the Microsoft Hyper-V role installed.

You must deploy the Nano Server host in a hyper-converged mode that has a Microsoft System Center Virtual Machine Manager (SCVMM) agent installed. You need to prepare a Nano Server VHD for a physical

machine.

Which three packages should you include in the VHD? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Microsoft-NanoServer-DCB-Package
- B. Microsoft-NanoServer-SCVMM-Package
- C. Microsoft-NanoServer-SCVMM-Compute-Package
- D. Microsoft-NanoServer-Storage-Package
- E. Microsoft-NanoServer-NPDS-Package

Answer: BCD

Explanation:

References:

<https://docs.microsoft.com/en-us/system-center/vmm/hyper-v-nano?view=sc-vmm-2016>

NEW QUESTION 20

- (Exam Topic 3)

You deploy Microsoft System Center Virtual Machine Manager (SCVMM) and System Center Configuration Manager in an Active Directory Domain Services (AD DS) domain.

You must deploy a Software Defined Networking (SDN) network controller.

You need to create the required AD DS security groups for management users and network controller clients. Which members should you add to each group? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Security Group	Members
ManagementGroup	<ul style="list-style-type: none"> SDN Network Controller computer accounts SDN Network Controller management users SCVMM computer accounts SCVMM management users
ClientGroup	<ul style="list-style-type: none"> SDN Network Controller clients SCVMM clients Configuration Manager clients

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

References:

<https://docs.microsoft.com/en-us/system-center/vmm/sdn-controller?view=sc-vmm-1801>

NEW QUESTION 22

- (Exam Topic 3)

You are the system administrator for a manufacturing company. You implement a new solution for your windows server.

The file system drivers for all servers offloaded data Transfers (ODX). You need to configure the servers.

Which four actions should you perform in sequence? Rearrange in correct order.

Actions	Answer Area
Run the following Windows PowerShell cmdlet for each filter driver registry entry: Get-Item property	
Open a windows PowerShell session	
Ensure that the value of the support Features registry value equals 0	
Ensure that the value of the support Features registry key equals 3	
Run the FLmtc command	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

We can use the FLTMC command to list filter drivers and their supported features. If the value of the support Features registry key equals 3, then ODX is supported.

The Get-ItemProperty cmdlet gets the properties of the specified items.

References:

<https://blogs.technet.microsoft.com/askcore/2014/06/26/is-offloaded-data-transfers-odx-working/> <https://docs.microsoft.com/en-us/powershell/module/microsoft.powershell.management/get-itemproperty?view=>

NEW QUESTION 23

- (Exam Topic 3)

You manage a Microsoft System Center Virtual Machine Manager (SCVMM) environment. You plan to create virtual machine (VM) networks and IP address pools. You need to ensure that VM networks are segmented.

Solution: You create a VM network with the No Isolation option.

Does the solution meet the goal?

- A. Yes
- B. No

Answer: B

NEW QUESTION 27

- (Exam Topic 3)

You manage virtual machine (VM) workloads in an environment that includes the following objects:

*IP address pool

*a software load balancer (SLB) object

*an SLB rule

*a public VIP address

You monitor network traffic logs and observe that a VM does not service requests for the VIP address. You need to configure the virtual network so that traffic is not sent to a VM that is unavailable.

What should you do?

- A. Add a health prob
- B. Change the SLB configuration to use the health prob
- C. Redeploy the SLB rule.
- D. Add support for HTTP keep-aliv
- E. Change the SLB configuration to Enable keep-aliv
- F. Redeploy the SLB rule.
- G. Change the VM IP addresses to public IP addresse
- H. Redeploy the SLB rule.
- I. Change the protocol for the SLB rule to UD
- J. Redeploy the SLB rule.

Answer: A

NEW QUESTION 32

- (Exam Topic 3)

Your company has two datacenters. You have Windows servers in both locations. The network that connects the datacenters has high bandwidth and low latency. You are designing a new virtual machine (VM) and storage environment based on servers that run Windows Server 2016. You need to implement a solution that meets the following storage requirements:

*Tolerates the failure of a single datacenter.

*Ensures zero data loss in the event of a file system failure. Solution: You implement offloaded data transfers.

Does the solution meet the goal?

- A. Yes
- B. No

Answer: B

NEW QUESTION 33

- (Exam Topic 3)

You administer the Microsoft system center virtual machine manager (SCVMM) infrastructure for an organization. The SCVMM fabric includes a highly available network Controller that stores diagnostic data in a library share. You plan to use the windows PowerShell network controller diagnostic toolset.

You are unable to access the necessary commands. You attempt to import the network controller diagnostic module but it is not available.

You need to be able to use the network controller diagnostic toolset from your device. What should install on your workstation?

- A. Network controller server role
- B. RSAT Hyper-V Tools feature
- C. Health and diagnostic role service
- D. RSAT Network controller feature

Answer: D

Explanation:

To use the Network Controller (control-path) diagnostic tools, you must first install the RSAT-NetworkController feature and import the NetworkControllerDiagnostics module

NEW QUESTION 36

- (Exam Topic 3)

You administer Microsoft system center virtual machine manager (SCVMM). You develop a custom three-tier application.

You identify the following requirement for the application deployment: You must deploy four separate instances of the application Configuration settings for each instance must be similar

You must be able to deploy the instances by using SCVMM Developers must be able to access two specific application instances You need to deploy the application instances.

What should you do?

- A. Create a virtual machine VM template
- B. Create a private cloud
- C. Create a host group
- D. Create a service template

Answer: D

Explanation:

Service templates group VMs together to provide an app. They contain information about a service, including the VMs that are deployed as part of the service, the applications installed on VMs, and the network settings that should be used. You can add VM templates, network settings, applications, and storage to a service template.

<https://docs.microsoft.com/en-us/system-center/vmm/library-service-templates?view=sc-vmm-1807>

NEW QUESTION 40

- (Exam Topic 3)

You manage a datacenter that includes Software Defined Storage (SDS) and Microsoft System Center Virtual Machine Manager (SCVMM). You have a Microsoft Azure subscription.

You need to automate the replication of Hyper-V virtual machines (VMs) to Azure by using Azure Site Recovery (ASR).

Which three resources should you implement? Each correct answer presents part of a solution.

NOTE: Each correct selection is worth one point.

- A. Bitlocker-enabled VMs
- B. Azure storage account
- C. Microsoft Hyper-V VMs with hot storage
- D. SCVMM host group
- E. Azure Recovery Services Vault
- F. Shielded VMs

Answer: BDE

NEW QUESTION 45

- (Exam Topic 3)

You plan to deploy a Microsoft system center virtual machine manager (SCVMM) with network controller. You need to configure the datacenter firewall policies.

Which two options can you use?

- A. Northbound interface
- B. Windows PowerShell
- C. SCVMM console
- D. Southbound interface

Answer: AB

Explanation:

The Network Controller Northbound API allows you to configure, monitor, troubleshoot, and deploy new devices on the network by using Windows PowerShell, the Representational State Transfer (REST) API, or a management application with a graphical user interface, such as System Center Virtual Machine Manager. Firewall Management

This Network Controller feature allows you to configure and manage allow/deny firewall Access Control rules for your workload VMs for both East/West and North/South network traffic in your datacenter. The firewall rules are plumbed in the vSwitch port of workload VMs, and so they are distributed across your workload in the datacenter. Using the Northbound API, you can define the firewall rules for both incoming and outgoing traffic from the workload VM. You can also configure each firewall rule to log the traffic that was allowed or denied by the rule.

References:

<https://docs.microsoft.com/en-us/windows-server/networking/sdn/technologies/network-controller/network-cont>

NEW QUESTION 50

- (Exam Topic 3)

You use Microsoft System Center Operations Manager to monitor System Center Virtual Machine Manager (SCVMM). You establish baselines for the virtualization hosts.

You configure monitors to detect when a system is experiencing problems. You define an alert to report that the threshold value is exceeded.

You need to ensure that Operations Manager sends an email to the SDDCAdmins distribution group when the alert condition occurs.

Which three steps 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	Answer Area
Create a notification subscription for the alert.	
Create an SMS channel for SDDCAdmins.	
Create an email channel.	
Create a notification subscriber for SDDCAdmins.	
Create an unsealed management pack.	
Configure an override for the alert threshold.	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Create an email channel.
Create a notification subscription for the alert.
Create a notification subscriber for SDDCAdmins.

NEW QUESTION 55

- (Exam Topic 3)

A company has a Microsoft system center virtual machine manager (SCVMM) 2016 environment. You need to deploy a highly available SCVMM library. In which order should you perform the actions? Rearrange in correct order.

Actions	Answer Area
Add and configure a file server role	
Add and configure a file share role	
Add a SCVMM library share	
Create a windows failover cluster	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

You set up a Windows failover cluster running the File Server role. Then you create file shares on the cluster, and assign them as VMM library shares.

References:

<https://docs.microsoft.com/en-us/system-center/vmm/ha-library?view=sc-vmm-1807>

NEW QUESTION 58

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