

## 70-745 Dumps

### Implementing a Software-Defined Datacenter (beta)

<https://www.certleader.com/70-745-dumps.html>



**NEW QUESTION 1**

- (Exam Topic 1)

You need to install SCOM.

Which SCOM component should you install first?

- A. Reporting server
- B. Web console
- C. Management server
- D. Operations console

**Answer: C**

**NEW QUESTION 2**

- (Exam Topic 1)

You need to configure the SLB service templates.

To which location should you import each component? To answer, drag the appropriate store locations to the correct components. Each location may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Locations	Answer Area	
SCVMM library	Component to import	Location
Personal store	Cert.cer	Location
Enterprise Trust store	SLBTemplate.xml	Location
Shared folder		

- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**

References:

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

**NEW QUESTION 3**

- (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 Install-NanoServerPackage.	Use the dism command on the Nano Server.
Copy the Nano Server packages to the Nano Server.	
Use the dism command on the Nano Server.	Restart the Nano Server.
Copy the Nano Server packages to the Hyper-V host.	

**NEW QUESTION 4**

- (Exam Topic 2)

You need to integrate WSUS with the SCVMM production instance. Which four actions should you perform in sequence?

Actions	Answer Area
Add Tor-server11 to SCVMM	
Assign servers to the group policy	
Create a group policy	
Create a baseline	
Add Tor-server10 to SCVMM	
Assign servers to the baseline	
Scan for update compliance	

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

The required process is as follows:

- ▶ Add a WSUS server to the VMM fabric
- ▶ Create and assign update baselines
- ▶ Scan for update compliance

References:

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

**NEW QUESTION 5**

- (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 6**

- (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 <b>Tor-VMM</b>	
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 <b>Det-VMM</b>	
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 <b>Tor-VMM</b>	
Install failover clustering on Tor-Server1	Install failover clustering on Det-server1
Install failover clustering on Det-server1	Create the cluster using the name <b>Det-VMM</b>
Specify the cluster IP of 10.40.0.50	
Create the cluster using the name <b>Det-VMM</b>	Specify the cluster IP of 10.40.0.50
Specify the cluster IP 10.10.0.50	

#### NEW QUESTION 7

- (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 Distributed File System Replication. Does the solution meet the goal?

- A. Yes  
B. No

**Answer:** B

#### NEW QUESTION 8

- (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 9

- (Exam Topic 3)

You manage Microsoft System Center Virtual Machine Manager (SCVMM).

You need to ensure that all virtual machines (VMs) are fault tolerant. You must set storage tier sizes.

Which three Windows PowerShell cmdlets should you run? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Optimize-Volume  
B. Enable-ClusterS2D



- C. Set-ClusterParameter
- D. New-Cluster
- E. New-Volume

**Answer:** BDE

**Explanation:**

References:

<https://docs.microsoft.com/en-us/windows-server/storage/storage-spaces/storage-spaces-direct-overview> <https://docs.microsoft.com/en-us/windows-server/storage/storage-spaces/create-volumes>

**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 Hyper-V host server that has several high-speed physical network adapters. You need to attach a physical network adapter directly to a virtual machine (VM).

What should you do first?

- A. Assign the adapter to the VM.
- B. Disable the adapter on the Hyper-V host.
- C. Install the device driver on the Hyper-V host.
- D. Install the device driver on the VM.

**Answer:** B

**NEW QUESTION 17**

- (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 the host server using the Desktop Experience installation option. 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 19**

- (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 a storage replica with synchronous replication. Does the solution meet the goal?

- A. Yes
- B. No

**Answer:** A

### NEW QUESTION 23

- (Exam Topic 3)

You manage Microsoft system center virtual machine manager (SCVMM). You create a logical unit from a storage pool and allocate the logical unit to the host group. You plan to deploy new virtual machines (VMs) to storage arrays.

You must create a SAN copy capable template from existing VM. You need to finish creating the SAN copy capable template. Which four actions should you perform in sequence?

Actions	Answer Area
Copy a generalized virtual hard disk file to the folder path of the mounted logical unit	
Assign the logical unit to a file share	
Create a SAN copy capable template using the virtual hard disk file	
Assign the logical unit to the SCVMM library server	
Mount the logical unit to a folder path in the library share	
Mount the logical unit to a cloud URL	

- A. Mastered
- B. Not Mastered

**Answer:** A

#### Explanation:

References:

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

### NEW QUESTION 25

- (Exam Topic 3)

You manage Microsoft System Center Virtual Machine Manager (SCVMM). You plan to implement a software load balancer (SLB) Multiplexer (MUX).

You need to configure the Microsoft Hyper-V host servers to host the MUX. What should you do?

- A. Configure Quality of Service on each Hyper-V host.
- B. Enable virtual Trusted Platform Modules.
- C. Enable Virtual Filtering Platform for Hyper-V virtual switches.
- D. Configure Windows Server Gateway.

**Answer:** C

#### Explanation:

References:

<https://technet.microsoft.com/en-US/library/mt632286.aspx>

### NEW QUESTION 29

- (Exam Topic 3)

You administer Microsoft System Center Virtual Machine Manager (SCVMM). You need to access the Network Controller diagnostic logs.

Where should you view the logs?

- A. %programfiles%\DiagnosticLogs
- B. %windir%\SDNDiagnostics
- C. %systemdrive%\SDNDiagnostics
- D. %systemroot%\DiagnosticLogs

**Answer:** C

### NEW QUESTION 31

- (Exam Topic 3)

You manage Microsoft System Center Virtual Machine Manager (SCVMM). You plan to implement a software load balancer (SLB) Multiplexer (MUX).

You need to configure the Microsoft Hyper-V host servers to host the MUX. What should you do?

- A. Configure Windows Server Gateway.
- B. Install the SLB Host Agent on each Hyper-V host.
- C. Configure virtual machine resource metering.
- D. Configure a Remote Access Service gateway.

**Answer:** B

**Explanation:**

References:

<https://technet.microsoft.com/en-US/library/mt632286.aspx>

**NEW QUESTION 35**

- (Exam Topic 3)

You administer the virtualization environment for an organization. You manage all Microsoft Hyper-V hosts locally. You plan to deploy Microsoft system center virtual machine manager (SCVMM).

(SCVMM) administrators must have full administrative permissions over the SCVMM fabric but no permission to other organizational fabrics. Administrators in the domain environment must not have any permission to the SCVMM infrastructure.

You need to deploy the SCVMM environment. What should you include?

- A. Local installation of the SCVMM agent
- B. Bit locker encrypted VHDX file
- C. Host guardian service a trusted domain
- D. Host guardian service in an isolated forest

**Answer:** D

**Explanation:**

When setting up HGS, you are given the option of creating an isolated Active Directory forest just for HGS or to join HGS to an existing, trusted domain. This decision, as well as the roles you assign the admins in your organization, determine the trust boundary for HGS. Whoever has access to HGS, whether directly as an admin or indirectly as an admin of something else (e.g. Active Directory) that can influence HGS, has control over your guarded fabric. HGS admins choose which Hyper-V hosts are authorized to run shielded VMs and manage the certificates necessary to start up shielded VMs. An attacker or malicious admin who has access to HGS can use this power to authorize compromised hosts to run shielded VMs, initiate a denial-of-service attack by removing key material, and more. To avoid this risk, it is strongly recommended that you limit the overlap between the admins of your HGS (including the domain to which HGS is joined) and Hyper-V environments. By ensuring no one admin has access to both systems, an attacker would need to compromise 2 different accounts from 2 individuals to complete his mission to change the HGS policies. This also means that the domain and enterprise admins for the two Active Directory environments should not be the same person, nor should HGS use the same Active Directory forest as your Hyper-V hosts. Anyone who can grant themselves access to more resources poses a security risk.

References:

<https://docs.microsoft.com/en-us/windows-server/security/guarded-fabric-shielded-vm/guarded-fabric-manageh>

**NEW QUESTION 36**

- (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 40**

- (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 41**

- (Exam Topic 3)

An organization has three physical locations that are configured as separate Active Directory Services (AD DS) sites.

You need to deploy Microsoft System center Operations Manager. The Operations Manager agents must be able to access a management server even if one management server or AD DS is unavailable.

- A. Deploy a secondary management server in each AD DS site
- B. Deploy a management server in each AD DS and add the management servers to the all management servers resource pool
- C. Deploy a root management server in each AD DS site
- D. Create a resource pool for each AD DS site
- E. Deploy a management server in each AD DS site and then add the management server to the site resource pool.

**Explanation:**

Configuration of agent assignment is managed by an Operations Manager administrator using the Agent Assignment and Failover Wizard to assign computers to a primary management server and secondary management server.

- (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

**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>

- (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 Set-NetAdapterBinding. Does the solution meet the goal?

- A. Yes  
B. No

**Answer: B**

**Explanation:**

The Set-NetAdapterBinding cmdlet sets the binding state of a transport or filter on a network adapter. References: <https://docs.microsoft.com/en-us/powershell/module/netadapter/set-netadapterbinding?view=win10-ps>

- (Exam Topic 3)

Microsoft Hyper-V host has a network interface card (NIC) named NIC1 that supports Remote Direct Memory Access (RDMA). You plan to install a second NIC at a later date.

The Hyper-V host must have a virtual switch named vSwitch1. Switch Embedded Teaming (SET) must be enabled on the NIC.

You need to ensure that you can use the same virtual switch when you add the second NIC.

How should you complete the Windows PowerShell command? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

### Answer Area

	▼	-Name vSwitch1 -NetAdapterName "NIC1"
New-VMSwitch		
Set-VMSwitch		
Enable-VMSwitchExtension		
Set-VMSwitchExtensionSwitchFeature		
	▼	\$true
-VMSwitchExtensionFeature		
-EnableEmbeddedTeaming		
-EnableIOv		
-EnablePacketDirect		



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

References:  
<https://docs.microsoft.com/en-us/powershell/module/hyper-v/new-vmswitch?view=win10-ps>

NEW QUESTION 54

- (Exam Topic 3)  
You deploy Microsoft System Center Virtual Machine Manager (SCVMM) and System Center Operations Manager (SCOM). You integrate SCVMM with SCOM. You need to view the reports for SCVMM. What are two possible ways to achieve the goal? Each correct answer presents a complete solution.

- A. Launch the SCOM console.
- B. Launch the SCVMM console.
- C. Run the Windows PowerShell cmdlet Get-SCOMMonitor.
- D. Run the Windows PowerShell cmdlet Get-SCOMReportingSetting.
- E. View the Reporting server website for SCOM.

Answer: AE

Explanation:

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

NEW QUESTION 59

- (Exam Topic 3)  
You plan to deploy a new virtual machine (VM) that uses the following components:

- Windows server 2016
- Microsoft system center virtual machine manager (SCVMM)
- Nano Server

You create a Microsoft Hyper-V clustered environment and install SCVMM on a server named server1. You need to create Nano based server image by using an SCVMM template. The image must contain the SCVMM agent. Which 3 actions should you perform in sequence? Rearrange the answer in the correct order.

Actions	Answer Area
On server1, use windows PowerShell to import the SCVMM module	
On server1, use windows PowerShell to import the Nano server image Generator module	
On server1, run the windows Power Shell Cmdlet-New Nano Server Image and specify a value for the Package parameter	
On server1, run the windows PowerShell cmdlet Install-Nano server package and specify the name parameter	
Copy the Nano server folder from the windows server 2016 media to server 1	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Install the VMM packages offline on an existing Nano Server  
If you didn't add the VMM packages when you created the Nano Server VHD, you can install them later, as follows:

1. Copy the VHD/VHDX to a location on a Windows Server 2016 machine. For example: C:\MyNano.vhd.
2. Use PowerShell to install and import the NanoServerPackage provider of the PackageManagement (OneGet) PowerShell module:  
Install-PackageProvider NanoServerPackage Import-PackageProvider NanoServerPackage
3. After the provider is installed, you can search and install the VMM packages (VMM agent and Hyper-V), on the VHD using these cmdlets, where C:\MyNano.vhd is the location of the Nano Server based VHD.  
Find-NanoServerPackage  
Install-NanoServerPackage -Name Microsoft-NanoServer-SCVMM-Package -culture en-US -ToVhd "C:\MyNano.vhd"  
Install-NanoServerPackage -Name Microsoft-NanoServer-SCVMM-Compute-Package -culture en-US -ToVhd "C:\MyNano.vhd"

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

**NEW QUESTION 62**

- (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 Set-NetAdapterAdvancedProperty. Does the solution meet the goal?

A. Yes

B. No

**Answer:** A

**Explanation:**

You can use the following Windows PowerShell command to set the Send Buffers size:

Set-NetAdapterAdvancedProperty "NIC1" –DisplayName "Transmit Buffers" –DisplayValue 3000

You can use the following Windows PowerShell command to set the Receive Buffers size:

Set-NetAdapterAdvancedProperty "NIC1" –DisplayName "Receive Buffers" –DisplayValue 3000

References:

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

**NEW QUESTION 64**

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