Microsoft

Exam Questions 70-745
Implementing a Software-Defined Datacenter (beta)
NEW QUESTION 1
- (Exam Topic 1)
You need to ensure that Network1 can communicate with other virtual networks. What should you do?

A. Configure logical switches for the VMs on Network1.
B. Create an IP address pool for Network1.
C. Create port profiles for the VMs on Network1.
D. Configure a gateway in SCVMM.

Answer: D

NEW QUESTION 2
- (Exam Topic 2)
You need to configure an SDN network controller for the SCVMM test environment. What should you do first?

A. In SCVMM, create a dedicated host group for Det-Server3, Det-Server4, and Det-Server5.
B. In AD DS, create a security group and add Det-Server3, Det-Server4, and Det-Server5.
C. In AD DS, create a security group and add Det-Server6, Det-Server7, and Det-Server8.
D. In SCVMM, create a dedicated host group for Det-Server6, Det-Server7, and Det-Server8.

Answer: D

Explanation:
References:

NEW QUESTION 3
- (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.

A. Select the template named Network Controller Production Generation 2 VM.xml.
B. Configure the deployment settings.
C. Assign the SCVMM server to the Group Policy.
D. Click Deploy Service.
E. Click Refresh Preview.
F. Create a Group Policy.
G. Select the template named Network Controller Standalone Generation 2 VM.xml.

Answer: A

Explanation:
References:

NEW QUESTION 4
- (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.
A. Mastered  
B. Not Mastered  

**Answer: A**

**Explanation:**

References:

**NEW QUESTION 5**

- (Exam Topic 3)  
You are configuring network adapters within a Microsoft system center virtual machine (SCVMM) network fabric. You deploy switch extensions. The switch must filter packets and choose the appropriate destination port. You need to select a virtual switch extension to include in the logical switch. Which type of virtual extension switch should you include?

A. Forwarding  
B. Monitoring  
C. Capturing  
D. Filtering

**Answer: A**

**NEW QUESTION 6**

- (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. 

A. Optimize-Volume  
B. Enable-ClusterS2D  
C. Set-ClusterParameter  
D. New-Cluster  
E. New-Volume

**Answer: BDE**

**Explanation:**

References:

**NEW QUESTION 7**
You manage Microsoft System Center Virtual Machine Manager (SCVMM). You plan to implement software load balancer (SLB) on Microsoft Hyper-V host servers by using an SLB Multiplexer (MUX).
You identify the following requirements: Redirect all inbound traffic to the MUX.
Ensure that all outbound network traffic bypasses the MUX. You need to configure the environment.
Which components should you implement? To answer, drag the appropriate components to the correct traffic directions. Each component 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.

A. Mastered  
B. Not Mastered

Answer: A

Explanation:
References:

NEW QUESTION 8
- (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:

NEW QUESTION 9
- (Exam Topic 3)
You are an administrator at Contoso Ltd. You have a Microsoft system center virtual machine manager (SCVMM) host server with a 10 Gbps network interface card (NIC). The host server is configured for a multi-tenant environment. Contoso, provides three tiers of service of its tenants.

<table>
<thead>
<tr>
<th>Level</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bronze</td>
<td>Provides bandwidth up to 500 Mbps and minimally 0 Mbps for the tenant's virtual machines (VMs)</td>
</tr>
<tr>
<td>Silver</td>
<td>Provides bandwidth up to 1 Gbps and minimally 500 Mbps for the tenant's (VMs)</td>
</tr>
<tr>
<td>Gold</td>
<td>Provides bandwidth up to 5 Gbps and minimally 1 Gbps for the tenant's (VMs)</td>
</tr>
</tbody>
</table>

All tenants are configured to use the same virtual network and same virtual switch.
You configure the Maximum Bandwidth (Mbps) and minimum (Mbps) port profiles for each tenant according to their service tier.
Tenants report that they are not receiving the minimum service levels for their service tier. You need to ensure that tenants receive the minimum service levels. What should you configure?

A. Minimum Bandwidth (weight)  
B. Minimum Bandwidth (Mbps)  
C. Maximum Bandwidth (Mbps)  
D. Maximum Bandwidth (Weight)

Answer: A

Explanation:
Minimum bandwidth (Weight): Specify a weighted portion of the outbound bandwidth that you want to reserve for this vNIC. This will reserve a weighted portion of the total physical NIC(s) bandwidth based on the total weights reserved by all other vNICs for a particular switch.
References:
NEW QUESTION 10
- (Exam Topic 3)
You deploy Microsoft system virtual machine manager (SCVMM)
You need to implement software defined networking (SDN) for the environment. You must create the fewest objects possible and must not implement subnet isolation.
Which three objects should you create in sequence? Move the appropriate actions from the list of actions and arrange them in the correct order.

<table>
<thead>
<tr>
<th>Objects</th>
<th>Answer Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>In address pool</td>
<td></td>
</tr>
<tr>
<td>Logical network</td>
<td></td>
</tr>
<tr>
<td>Logical network site</td>
<td></td>
</tr>
<tr>
<td>Uplink port profile</td>
<td></td>
</tr>
<tr>
<td>PVLAN</td>
<td></td>
</tr>
<tr>
<td>VLAN</td>
<td></td>
</tr>
</tbody>
</table>

A. Mastered
B. Not Mastered

**Answer: A**

**Explanation:**
Here's what you need to do to set up a SDN network controller
1. Configure hosts and physical network infrastructure: You need access to your physical network devices to configure VLANs, routing etc. You also need Hyper-V hosts to host the SDN infrastructure and tenant VMs.
2. Prepare a virtual hard disk: You can prepare a virtual hard disk for the network controller service template in VHD or VHDX format, as appropriate for the service template generation you choose.
3. Download the service templates: Download the network controller service templates and import them to the VMM library.
4. Set up Active Directory security groups: You'll need an Active Directory security group for network controller management, and another security group for network controller clients. Each group will need at least one user account in it.
5. Set up a VMM library share: You can have an optional library file share for keeping diagnostic logs. This library share will be accessed by the network controller to store diagnostics information throughout its lifetime.
6. Set up a VMM host group: Set up a dedicated host group for all of the SDN Hyper-V hosts.

**Note:**
Hosts must be running Windows Server 2016 with latest patches installed, and have the Hyper-V role enabled.
7. Create the management logical network: Create a logical network to mirror management network connectivity for the VMM host, network controller hosts, and tenant VM hosts. If you want to allocate static IP addresses from a pool, create a pool on this logical network.
8. Create and deploy a management logical switch: You create the logical switch, and deploy it on network controller hosts, to provide connectivity to the management network for network controller VMs.
9. Set up a certificate: You need an SSL certificate for secure/HTTPS communication with the network controller.
10. Import the template: Import and customize the network controller service template.
11. Deploy the service: Deploy the network controller service using the service template. Then add it as a VMM service.

**References:**

NEW QUESTION 11
- (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 12
- (Exam Topic 3)
You administer a Microsoft System Center Virtual Machine Manager (SCVMM) infrastructure. You have a Microsoft Azure subscription.
You must design a backup strategy that meets the following requirements:
*Back up the SCVMM hosts, virtual machines (VMs), and workloads.*
*Use a protection agent to perform the backups.*

You need to recommend a backup solution. What should you recommend?
A. Windows PowerShell script that runs Disk2VHD
B. Microsoft Hyper-V Replica
C. WBAdmin.exe
D. System Center Data Protection Manager

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NEW QUESTION 13
- (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.
What should you do?

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.

Answer: A

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.

NEW QUESTION 14
- (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.

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 VHDX using these cmdlets, where C:\MyNano.vhd is the location of the Nano Server based VHDX.
   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:

NEW QUESTION 15

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