



Free Questions for 2V0-21.23

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Question 1

Question Type: MultipleChoice

Which step is completed during Stage 1 of the vCenter Server Appliance deployment?

Options:

- A- Join a vCenter Single Sign-On domain
- B- Create a new vCenter Single Sign-On domain
- C- Select the deployment size
- D- Configure SSH access

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Answer:

C

Explanation:

The minimum network throughput in Gb/s for vSAN using the Express Storage Architecture (ESA) is 1 Gb/s, which is the minimum requirement for vSAN network adapters. However, VMware recommends using 10 Gb/s or higher for better performance and reliability. Reference: <https://docs.vmware.com/en/VMware-vSphere/8.0/com.vmware.vsphere.vsan-planning.doc/GUID-9F1D4A3B-3392-4684-812C-DB8042C1FBCD.html>

<https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vcenter.install.doc/GUID-1E39EF05-1DD7-4E9B-B9FE-6F373AA81862.html>

<https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vcenter.install.doc/GUID-1E39EF05-1DD7-4E9B-B9FE-6F373AA81862.html>

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Question 2

Question Type: MultipleChoice

If a distributed switch uses the "Route based on physical NIC load" load balancing algorithm, what does the mean send or receive utilization of an uplink need to exceed for the flow of traffic to move to the second uplink?

Options:

- A- 75 percent of the capacity over a 30 second period
- B- 60 percent of the capacity over a 30 second period
- C- 60 percent of the capacity over a 40 second period
- D- 75 percent of the capacity over a 40 second period

Answer:

A

Explanation:

The distributed switch calculates uplinks for virtual machines by taking their port ID and the number of uplinks in the NIC team. The distributed switch tests the uplinks every 30 seconds, and if their load exceeds 75 percent of usage, the port ID of the virtual machine with the highest I/O is moved to a different uplink.

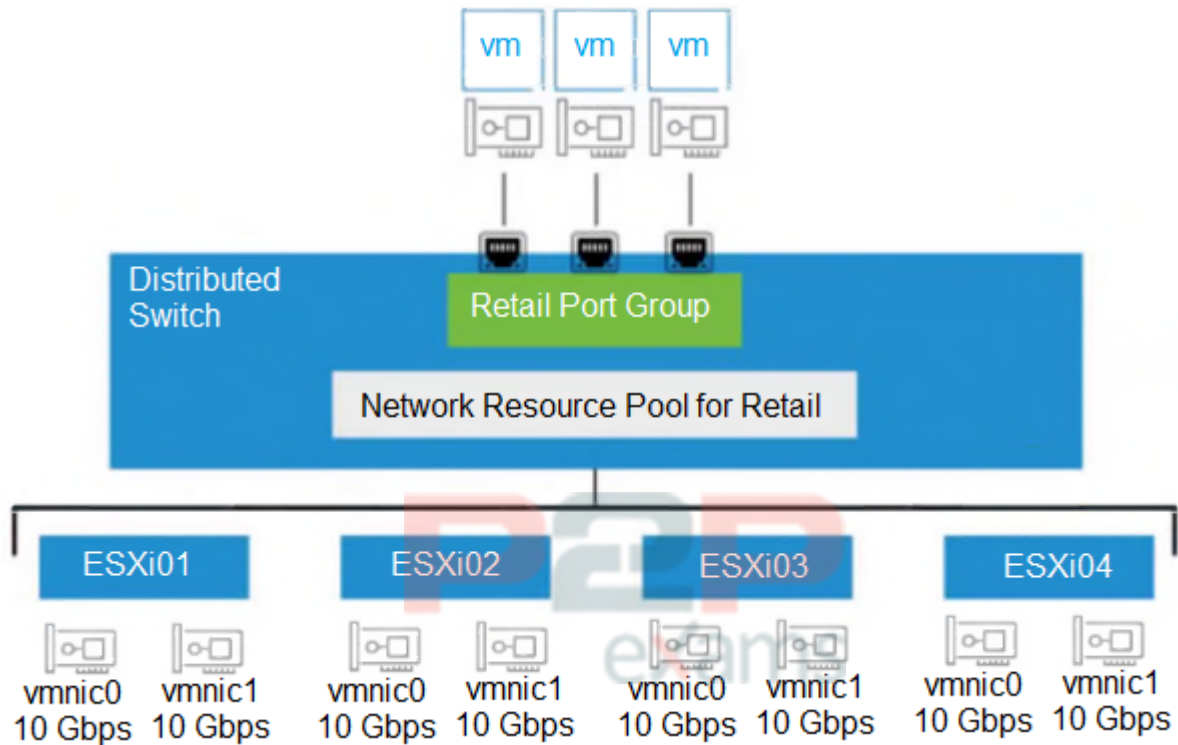
<https://docs.vmware.com/en/VMware-vSphere/8.0/vsphere-networking/GUID-959E1CFE-2AE4-4A67-B4D4-2D2E13765715.html>

Question 3

Question Type: MultipleChoice

Refer to the exhibit.





An administrator set up the following configuration:

* The distributed switch has four ESXi hosts, and each host has two 10 Gbps NICs.

* In the Network I/O Control configuration, the amount of bandwidth reserved for virtual machine (VM) traffic is 4 Gbps.

The administrator wants to guarantee that VMs in the Retail distributed port group can access 50 percent of the available reserved bandwidth for VM traffic.

Given this scenario, what should the size (in Gbps) of the Retail network resource pool be?

Options:

- A- 40
- B- 32
- C- 8
- D- 16

Answer:

D

Explanation:

$4\text{Gbps} * 8\text{Nic} = 32\text{Gbps} * 50\% = 16\text{Gbps}$

Question 4

Question Type: MultipleChoice

An administrator is tasked with deploying a new on-premises software-defined data center (SDDC) that will contain a total of eight VMware vCenter instances.

The following requirements must be met:

- * All vCenter instances should be visible in a single vSphere Client session.
- * All vCenter inventory should be searchable from a single vSphere Client session.
- * Any administrator must be able to complete operations on any vCenter instance using a single set of credentials.

What should the administrator configure to meet these requirements?

Options:

- A- Two Enhanced Linked Mode groups consisting of four vCenter instances each in a Single Sign-On domain.
- B- A single Hybrid Linked Mode group consisting of four vCenter instances each in a Single Sign-On domain.
- C- A single Enhanced Linked Mode group consisting of eight vCenter instances in one Single Sign-On domain.
- D- A single Hybrid Linked Mode group consisting of eight vCenter instances in one Single Sign-On domain.

Answer:

B

Explanation:

To meet the requirements of viewing and searching all vCenter instances and inventory with a single vSphere Client session and a single set of credentials, the administrator needs to configure a single Enhanced Linked Mode group consisting of eight vCenter instances in one Single Sign-On domain.

<https://docs.vmware.com/en/VMware-vSphere/8.0/vsphere-vcenter-installation/GUID-4394EA1C-0800-4A6A-ADBF-D35C41868C53.html>

Question 5

Question Type: MultipleChoice

An administrator is tasked with configuring vSphere Trust Authority. The administrator has completed the following steps:

- * Set up the workstation
- * Enabled the Trust Authority Administrator
- * Enabled the Trust Authority State
- * Collected information about the ESXi hosts and vCenter to be trusted

Which step does the administrator need to complete next?

Options:

- A- Import the Trusted Host information to the Trust Authority Cluster
- B- Import the Trusted Cluster information to the Trusted Hosts
- C- Create the Key Provider on the Trusted Cluster
- D- Import the Trusted Host information to the Trusted Cluster

Answer:

A

Explanation:

<https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.security.doc/images/GUI-D-205B3C1-56BE-497A-B066-4C8F764B068C-high.png>

<https://docs.vmware.com/en/VMware-vSphere/8.0/vsphere-security/GUID-39D8AB34-AD45-4B0A-8FB0-7A1D16B25C9A.html>

Question 6

Question Type: MultipleChoice

The vCenter inventory contains a virtual machine (VM) template called Linux-01. The

administrator wants to install a software patch into Linux-01 while allowing users to continue to access Linux-01 to deploy VMs. Which series of steps should the administrator take to accomplish this task?

Options:

- A-** 1. Verify that Linux-01 is in a content library
2. Clone Linux-01
3. Convert the clone to a VM
4. Install the software patch.
- B-** 1. Convert Linux-01 to a VM
2 Install the software patch
3 Convert the VM back to a VM template
4 Add Linux-01 to the content library.
- C-** 1. Verify that Linux-01 is in a content library
2. Checkout Linux-01
3. Install the software patch
4. Check in Linux-01
- D-** 1. Clone Linux-01.
2. Convert the clone to a VM
3. Install the software patch.
4. Convert the VM back to a template.

Answer:

C

Explanation:

The administrator should clone Linux-01, which creates a copy of the virtual machine template. The administrator should then convert the clone to a VM, which allows the administrator to power on and modify the virtual machine. The administrator should then install the software patch on the VM, which updates the application. The administrator should then convert the VM back to a template, which preserves the changes made to the VM and allows users to deploy VMs from it.

Reference:

https://docs.vmware.com/en/VMware-vSphere/8.0/com.vmware.vsphere.vm_admin.doc/GUID-E8E854DD-AA97-4E0C-8419-CE84F93C4058.html

Question 7

Question Type: MultipleChoice

An administrator is planning to upgrade a VMware vCenter instance to version 8. It is currently integrated with the following solutions:

* VMware Aria Automation

* VMware Cloud Director

Which tool can the administrator use to run Interoperability reports before the upgrade process?

Options:

- A- vSphere Update Manager
- B- VMware Aria Suite Lifecycle
- C- vCenter Server Update Planner
- D- vSphere Lifecycle Manager

Answer:

C

Explanation:

The tool that can be used to run interoperability reports before upgrading a vCenter Server instance is vCenter Server Update Planner, which allows checking compatibility with other VMware products.

Question 8

Question Type: MultipleChoice

An administrator plans to bring VMware vCenter offline in order to perform hardware maintenance on the host where the vCenter Server Appliance is running.

Which vSphere feature must be configured to ensure that vCenter users experience minimal downtime?

Options:

- A- vSphere Distributed Resource Scheduler
- B- Hybrid Linked Mode

- C- vCenter Server High Availability
- D- Enhanced Linked Mode

Answer:

C

Explanation:

<https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.avail.doc/GUID-4A626993-A829-495C-9659-F64BA8B560BD.html>



Question 9

Question Type: MultipleChoice

Which two tasks can be completed using vSphere LifeCycle Manager? (Choose two.)

Options:

- A- Manage the firmware lifecycle of ESXi hosts that are part of a managed cluster with a single image.
- B- Check that the ESXi hosts are compliant with the recommended baseline and update the hosts
- C- Upgrade VMware vCenter from version 7 to 8.
- D- Check the hardware compatibility of the hosts in a cluster against the VMware Compatibility Guide (VCG) using baselines.
- E- Manage the firmware lifecycle of ESXi hosts that are part of a managed cluster using baselines

Answer:

B, E

Explanation:

<https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere-lifecycle-manager.doc/GUID-774C3626-332C-4C3E-BC9B-AE648E78CA89.html#:~:text=In%20the%20Image%20pane%20of,ESXi%20hosts%20in%20the%20cluster.>

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