

# VMware

## Exam Questions 2V0-21.23

VMware vSphere 8.x Professional



### NEW QUESTION 1

An administrator wants to create virtual machine (VM) templates and store them in a content library. The administrator would like to use the content library to manage different versions of these templates so that reverting to an earlier version is an option. How should the administrator create these templates?

- A. Select a VM in the vCenter inventory. Clone the VM to the content library as a VM template type.
- B. Select a VM template in the vCenter inventory
- C. Clone the template to the content library.
- D. Export a VM in the vCenter inventory to an OVF template
- E. Import the OVF template into the content library.
- F. Convert a VM to a template in the vCenter inventory. Clone the template to the content library.

**Answer: A**

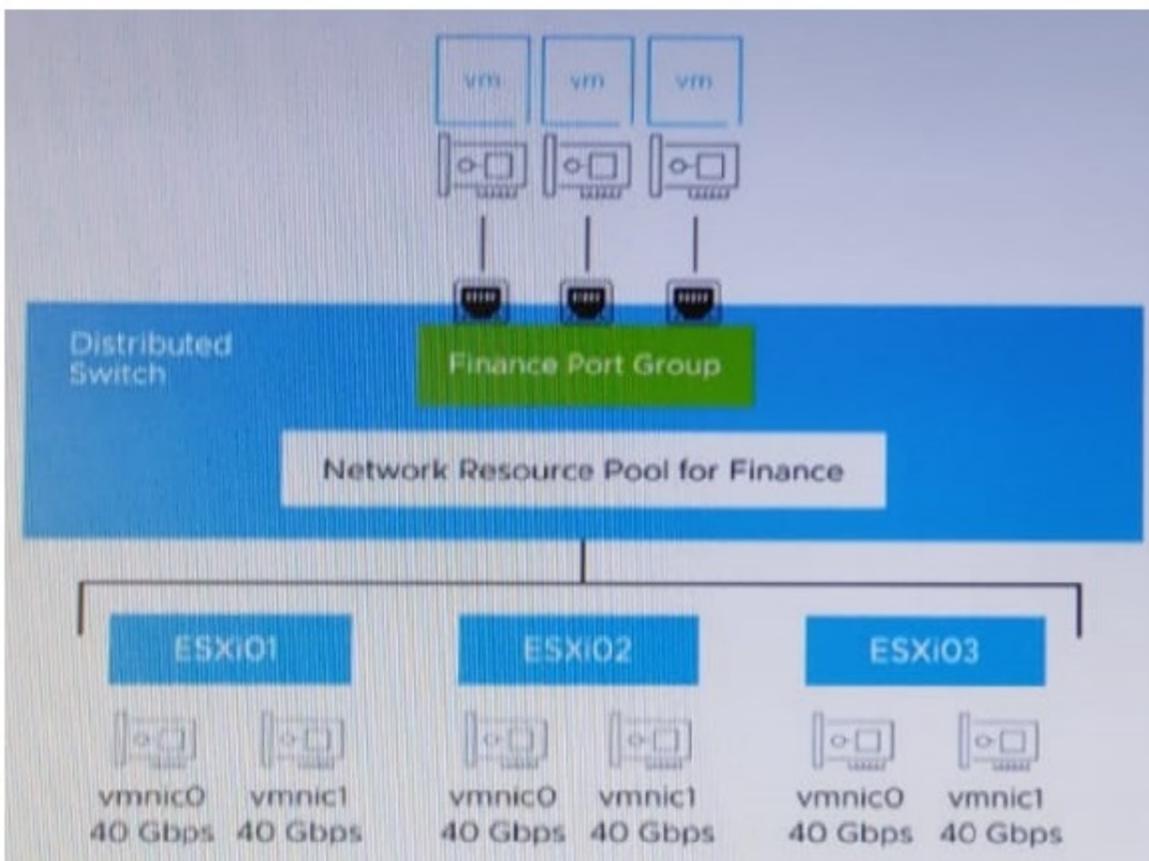
#### Explanation:

Option A is correct because it allows the administrator to clone a VM to the content library as a VM template type, which can be used to create and manage different versions of these templates in the content library. Option B is incorrect because it requires the administrator to convert a VM to a template in the vCenter inventory first, which is an extra step. Option C is incorrect because it requires the administrator to export a VM to an OVF template and import it into the content library, which are extra steps. Option D is incorrect because it requires the administrator to convert a VM to a template in the vCenter inventory and clone it to the content library, which are extra steps. References:

[https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.vm\\_admin.doc/GUID-9F9E3F8C-0E2](https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.vm_admin.doc/GUID-9F9E3F8C-0E2)

### NEW QUESTION 2

Refer to the exhibit.



An administrator set up the following configuration:

- The distributed switch has three ESXi hosts, and each host has two 40 Gbps NICs.
- The amount of bandwidth reserved for virtual machine (VM) traffic is 6 Gbps.

The administrator wants to guarantee that VMs in the Finance distributed port group can access 50 percent of the available reserved bandwidth for VM traffic. k Given this scenario, what should the size (in Gbps) of the Finance network resource pool be?

- A. 18
- B. 80
- C. 36
- D. 120

**Answer: A**

#### Explanation:

The size of the Finance network resource pool should be 50 percent of the reserved bandwidth for VM traffic, which is 6 Gbps x 3 hosts = 18 Gbps.

References:

<https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.networking.doc/GUID-9F1D4E96-339>

<https://docs.vmware.com/en/VMware-vSphere/8.0/vsphere-networking/GUID-29A96AB2-AEBF-420E-BDD6>

### NEW QUESTION 3

An administrator is asked to configure a security policy at the port group level of a standard switch. The following requirements must be met:

- The security policy must apply to all virtual machines on portgroup-1.
- All traffic must be forwarded, regardless of the destination.

- A. Forged transmits set to reject
- B. MAC address changes set to accept
- C. Promiscuous mode set to reject

D. Promiscuous mode set to accept

**Answer:** D

**Explanation:**

The security policy that must be configured at the port group level to allow all traffic to be forwarded regardless of the destination is promiscuous mode set to accept, which allows receiving all traffic on a virtual switch port.

References:

<https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.networking.doc/GUID-D5960C77-0D1>

**NEW QUESTION 4**

An administrator is adding a new ESXi host to an existing vSphere cluster. When selecting the cluster, the administrator is unable to use the Cluster Quickstart workflow to add and configure the additional host.

What could be the root cause of this issue?

- A. The administrator has previously dismissed the Cluster Quickstart workflow.
- B. The administrator must manually add the host to the cluster before using the Cluster Quickstart workflow.
- C. The administrator has not been assigned the required permissions to use the Cluster Quickstart workflow.
- D. The administrator must enable the Cluster Quickstart workflow option in VMware vCenter.

**Answer:** A

**Explanation:**

Option A is correct because it indicates that the administrator has previously dismissed the Cluster Quickstart workflow, which will prevent them from using it to add and configure an additional host. To use the Cluster Quickstart workflow again, the administrator must enable it in the cluster settings. Option B is incorrect because the administrator does not need to manually add the host to the cluster before using the Cluster Quickstart workflow, as this is one of the steps in the workflow. Option C is incorrect because the administrator does not need any special permissions to use the Cluster Quickstart workflow, as long as they have permissions to perform cluster operations. Option D is incorrect because there is no option to enable the Cluster Quickstart workflow in VMware vCenter, as this is a feature of vSphere clusters. References:

<https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.vcenterhost.doc/GUID-9F9E3F8C-0E2>

**NEW QUESTION 5**

An administrator manages VM templates and ISO images for a remote office. Their main requirements are to store these templates in a single repository and manage different versions of the templates.

What solution should the administrator deploy to meet these requirements?

- A. A subscribed content library
- B. A local content library
- C. A vSAN datastore
- D. A shared VMFS datastore

**Answer:** B

**Explanation:**

<https://4sysops.com/archives/how-to-create-a-vmware-content-library/#:~:text=A%20VMware%20content%20l>

**NEW QUESTION 6**

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?

- 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/GUID-D205B3C1> <https://docs.vmware.com/en/VMware-vSphere/8.0/vsphere-security/GUID-39D8AB34-AD45-4B0A-8FB0-7A1>

**NEW QUESTION 7**

An administrator is deploying a new all flash vSAN cluster based on the vSAN Original Storage Architecture (OSA).

What is the minimum supported network throughput in Gb/s for each host?

- A. 50
- B. 10
- C. 25
- D. 1

**Answer:** B

**Explanation:**

The minimum supported network throughput in Gb/s for each host in an all flash vSAN cluster based on the vSAN Original Storage Architecture (OSA) is 10.

References:

<https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.vsan-planning.doc/GUID-FCEA0CDD>  
 vSAN Express Storage Architecture (ESA) are only supported with 25Gbps and higher connection speeds.  
 ESA ReadyNodes configured for vSAN ESA will be configured with 25/50/100Gbps NICs. vSAN OSA  
 all-flash configurations are only supported with a 10Gb or higher connections. One reason for this is that the improved performance with an all-flash configuration  
 may consume more network bandwidth between the hosts to gain higher throughput. <https://core.vmware.com/resource/vmware-vsan-design-guide#sec6815-sub3>

**NEW QUESTION 8**

An administrator is asked to segregate virtual machine (VM) traffic by VLAN on a vSphere standard switch. The following requirements must be met:

- VLAN ID on the switch port group must be 4095.
- VLAN tagging must be done at the VM level. Which tagging mode is required?

- A. External Switch Tagging (EST)
- B. None
- C. Virtual Guest Tagging (VGT)
- D. Virtual Switch Tagging (VST)

**Answer: C**

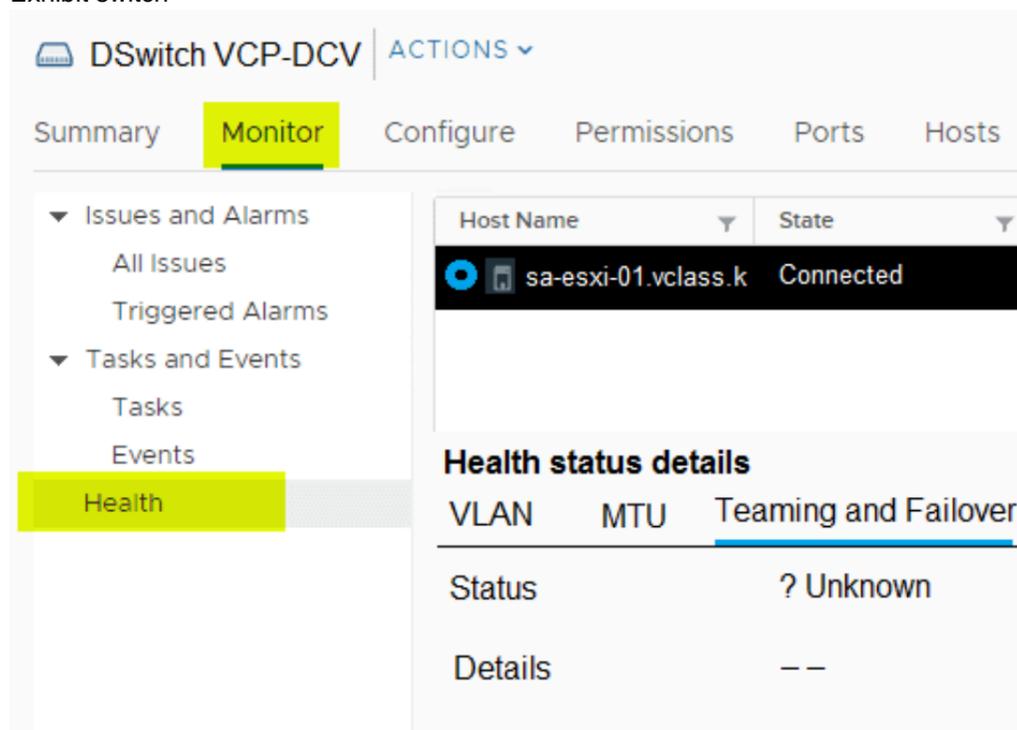
**Explanation:**

The tagging mode that is required is Virtual Guest Tagging (VGT), which allows VLAN tagging to be done at the VM level. VGT requires that the VLAN ID on the switch port group be set to 4095, which is a special value that indicates that packets from all VLANs are allowed to pass through. References:

- <https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.networking.doc/GUID-D35A0A1C-B6>
- <https://kb.vmware.com/s/article/1003806>

**NEW QUESTION 9**

Exhibit switch



The screenshot shows the vSphere interface for a Distributed Switch (DSwitch) named VCP-DCV. The 'Monitor' tab is selected. On the left, there is a navigation menu with 'Health' highlighted. The main area shows a table of hosts connected to the switch:

Host Name	State
sa-esxi-01.vclass.k	Connected

Below the table, the 'Health status details' section is visible, showing a table with columns for VLAN, MTU, and Teaming and Failover. The status for Teaming and Failover is reported as '? Unknown'.

An administrator configures a distributed switch and adds the first VMware ESXi server to it. The administrator also performs the following activities:

- The administrator assigns two uplinks to the distributed switch.
- The administrator enables uplink teaming.

When attempting to perform a health check of the teaming policy, the health status of the Teaming and Failover reports as 'Unknown?', as seen in the exhibit.

What can the administrator change in the distributed switch for the health status to report correctly?

- A. Add a minimum of three hosts with two uplinks each
- B. Add a minimum of two hosts with two uplinks each
- C. Add a minimum of three hosts with four uplinks each
- D. Add a minimum of two hosts with one uplink each

**Answer: B**

**NEW QUESTION 10**

An administrator is attempting to configure Storage I/O Control (SIOC) on five datastores within a vSphere environment. The administrator is being asked to determine why SIOC configuration completed successfully on only four of the datastores.

What are two possible reasons why the configuration was not successful? (Choose two.)

- A. The datastore contains Raw Device Mappings (RDMs).
- B. SAS disks are used for the datastore.
- C. The datastore has multiple extents.
- D. The datastore is using iSCSI.
- E. The administrator is using NFS storage.

**Answer: AC**

**Explanation:**

SIOC configuration may fail if the datastore contains RDMs or has multiple extents, as these are not supported by SIOC.

References:

- <https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.storage.doc/GUID-FB3F5C5C-D3F6-4>

Storage I/O Control is supported on Fibre Channel-connected, iSCSI-connected, and NFS-connected storage. Raw Device Mapping (RDM) is not supported. Storage I/O Control does not support datastores with multiple extents.

#### NEW QUESTION 10

An administrator receives reports from the application team of poor performance of a virtual machine (VM). The administrator reviews the virtual machine and discovers that it has 20 snapshots that are over 12 months old. What could the administrator do to improve the VM's performance?

- A. Inflate the base disk to make space for future snapshots.
- B. Revert to the latest snapshot.
- C. Consolidate all of the snapshots into the base VM.
- D. Identify and delete the largest delta .vmdk file.

**Answer: C**

#### Explanation:

<https://4sysops.com/archives/performance-impact-of-snapshots-in-vmware-vsphere-7/#:~:text=As%20you%20k>

#### NEW QUESTION 15

An administrator has a requirement to revert a running virtual machine to a previous snapshot after a failed attempt to upgrade an application. When the administrator originally took the snapshot the following choices in the Take Snapshot dialog were made:

- > Snapshot the virtual machine's memory = false
- > Quiesce guest file system = false

What will be the result of the administrator selecting the 'Revert to Latest Snapshot?' option to return the virtual machine to a previous snapshot?

- A. The virtual machine will be restored to the parent snapshot in a powered on state
- B. The virtual machine will be restored to the parent snapshot in a powered off state.
- C. The virtual machine will be restored to the child snapshot in a powered off state
- D. The virtual machine will be restored to the child snapshot in a powered on state.

**Answer: B**

#### Explanation:

Powered on (does not include memory) Reverts to the parent snapshot and the virtual machine is powered off. Powered off (does not include memory) Reverts to the parent snapshot and the virtual machine is powered off. <https://docs.vmware.com/en/VMware-vSphere/8.0/vsphere-vm-administration/GUID-50BD0E64-75A6-4164-B>

#### NEW QUESTION 18

An administrator is tasked with allowing a single user the ability to take snapshots on a virtual machine. When looking in vCenter, the administrator can see that there are already users and groups assigned permissions on the virtual machine as follows:

- The group VMUsers has the Virtual Machine Power User role.
- The group VM\_Viewers has the Read Only role.

The administrator confirms that the user requesting the additional access is currently one of five members of the VM\_Viewers group

Which two steps should the administrator take to grant this user the additional access required without impacting the user access of others? (Choose two.)

- A. Add the user to the VM\_Users group and leave the permissions on the virtual machine object unchanged
- B. Add a new permission on the virtual machine object selecting the user and the new custom role.
- C. Edit the Read Only role to add the Virtual Machine Snapshot Management privileges.
- D. Create a new custom role with the Virtual Machine Snapshot Management privileges.
- E. new permission on the virtual machine object selecting the VM\_Viewers group and the new custom

**Answer: BD**

#### Explanation:

The administrator should create a new custom role with the Virtual Machine Snapshot Management privileges, which allows the user to create, delete and revert snapshots. The administrator should then add a new permission on the virtual machine object selecting the user and the new custom role, which grants the user the additional access required without affecting other users or groups. References: <https://docs.vmware.com/en/VMware-vSphere/8.0/com.vmware.vsphere.security.doc/GUID-93B962A7-93FA-4>

#### NEW QUESTION 22

What is the minimum network throughput in Gb/s for vSAN using the Express Storage Architecture (ESA)?

- A. 50
- B. 25
- C. 1
- D. 10

**Answer: D**

#### Explanation:

<https://core.vmware.com/resource/vmware-vsan-design-guide#:~:text=Summary%20of%20Network%20Design>

#### NEW QUESTION 26

Which feature would allow for the non-disruptive migration of a virtual machine between two clusters in a single VMware vCenter instance?

- A. vSphere vMotion
- B. Cross vCenter Migration

- C. vSphere Storage vMotion
- D. vSphere Fault Tolerance

**Answer:** A

**Explanation:**

vSphere vMotion allows for the non-disruptive migration of a virtual machine between two clusters in a single vCenter instance, as long as there is shared storage and network connectivity between the clusters.

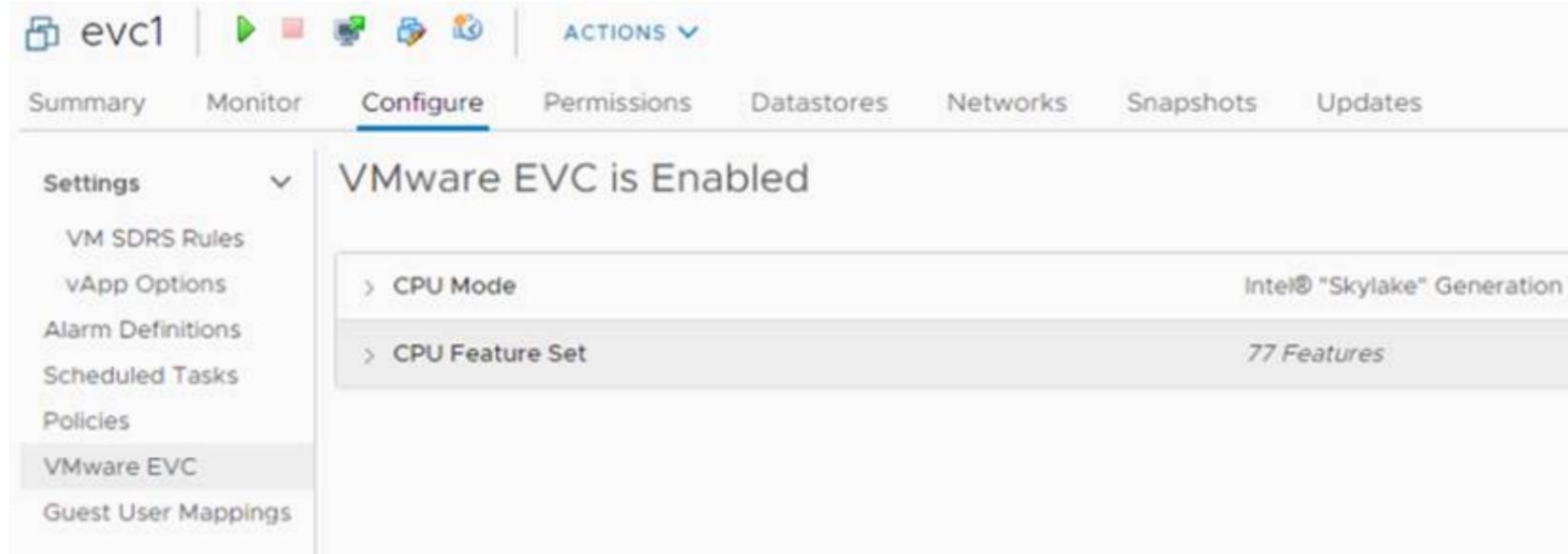
References:

<https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.vcenterhost.doc/GUID-3B41119A-127>

vMotion is used to move the VM to a different cluster within the same vCenter. This only works if both clusters share the same storage. If they don't you also need to perform a Storage vMotion. Cross vCenter Migration is only used to migrate to a different vCenter.

**NEW QUESTION 30**

Refer to the exhibit.



An administrator is tasked with adding new capacity to an existing software-defined data center (SDDC).

- The SDDC currently hosts two vSphere clusters (ClusterA and ClusterB) with different CPU compatibilities.
- vSphere vMotion and vSphere Distributed Resource Scheduler (DRS) are currently in use in the SDDC.
- The new capacity will be implemented by provisioning four ESXi hosts running a new generation of Intel Skylake CPUs.
- All workload virtual machines (VMs) must support live migration to any cluster in the SDDC.

The administrator noticed the running critical "ever virtual machine (VM) shown in the exhibit is not migrating using vSphere vMotion to the original Clusters A or B. Which three steps must the administrator take to support this functionality? (Choose three.)

- A. Power on the VM.
- B. Disable the Enhanced vMotion Compatibility (EVC) on the VM.
- C. Reboot the VM.
- D. Configure the Enhanced vMotion Compatibility (EVC) on vSphere Cluster A and B to support Intel Skylake.
- E. Power off the VM.
- F. Configure the Enhanced vMotion Compatibility (EVC) on the VM to Intel Skylake.

**Answer:** ADE

**NEW QUESTION 33**

An administrator successfully installs VMware ESXi onto the first host of a new vSphere cluster but makes no additional configuration changes. When attempting to log into the vSphere Host Client using the Fully Qualified Domain Name (FQDN) of the host, the administrator receives the following error message:

"Server Not Found - We can't connect to the server at esxi101.corp.local? The following information has been provided to complete the configuration:

- Host FQDN esxi101.corp.local
- Management VLAN ID: 10
- DHCP: No
- Management IP Address: 172.16 10.101 / 24
- Management IP Gateway: 172.16.10.1
- . Corporate DNS Servers: 172.16 10.5, 172.16.10.6
- ONS Domain: corp.local

In addition, all host configurations must also meet the following requirements:

- The management network must use only IPv4 network protocols.
- The management network must be fault tolerant

Which three high level tasks should the administrator complete, at a minimum, in order to successfully log into the vSphere Host Client using the FQDN for esxi101 and complete the configuration? (Choose three.)

- A. Ensure a DNS A Record is created for the VMware ESXi host on the corporate DNS servers.
- B. Update the VMware ESXi Management Network DNS configuration to use the corporate DNS servers for names resolution
- C. Update the VMware ESXi Management Network IPv4 configuration to use a static a IPv4 address
- D. Configure at least two network adapters for the VMware ESXi Management Network
- E. Set the value of the VMware ESXi Management Network VLAN ID to 10
- F. Disable IPv6 for the VMware ESXi Management Network

**Answer:** ACE

**NEW QUESTION 36**

An administrator has a host profile named Standard-Config. The administrator wants to change the other host profiles to use only the storage configuration settings that are defined in the Standard-Config host profile.

What should the administrator do to make this change?

- A. Export host customizations and import them to the other host profiles.
- B. Copy the storage settings from Standard-Config to all other host profiles.
- C. Duplicate the Standard-Config host profile and only modify the storage configuration settings.
- D. Export the Standard-Config host profile and attach it to the other hosts.

**Answer: B**

**Explanation:**

Option B is correct because it allows the administrator to copy the storage settings from Standard-Config host profile to all other host profiles without affecting other settings. Option A is incorrect because it only exports host customizations and not host profile settings. Option C is incorrect because it creates a new host profile instead of modifying the existing ones. Option D is incorrect because it attaches the Standard-Config host profile to the other hosts instead of changing their host profiles. References: <https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.hostprofiles.doc/GUID-F1A1D1D0-D6>

**NEW QUESTION 40**

An administrator is creating a content library to manage VM templates and ISO images. The administrator wants to password-protect the images and templates and share them with a remote site.

Which two tasks must the administration perform when creating the content library? (Choose two.)

- A. Publish the local content library.
- B. Enable the security policy.
- C. Create a subscribed content library.
- D. Select an NFS datastore.
- E. Enable authentication.

**Answer: AE**

**Explanation:**

To password-protect and share images and templates with a remote site, the administrator needs to publish the local content library, which makes it available for subscription by other vCenter Server instances; and enable authentication, which requires users to enter credentials when accessing the content library.

References:

[https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.vm\\_admin.doc/GUID-FBEED81C-F9D](https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.vm_admin.doc/GUID-FBEED81C-F9D)

**NEW QUESTION 45**

An administrator needs better performance and near-zero CPU utilization from the ESXi hosts for networking functions and processing. The administrator creates a new vSphere Distributed Switch and enables network offloads compatibility.

Which solution would help achieve this goal?

- A. vSphere Distributed Services Engine
- B. Data Processing Units (DPUs)
- C. vSphere Network I/O Control
- D. Universal Passthrough version 2

**Answer: B**

**Explanation:**

The solution that would help achieve better performance and near-zero CPU utilization from the ESXi hosts for networking functions and processing is Data Processing Units (DPUs), which are specialized processors that offload network services from the CPU and provide hardware acceleration.

<https://docs.vmware.com/en/VMware-vSphere/8.0/vsphere-networking/GUID-41AB1101-D943-490A-BF1A-E>

**NEW QUESTION 50**

An administrator is tasked with implementing a backup solution capable of backing up the Supervisor cluster, vSphere Pods, and persistent volumes.

Which two solutions must be used to meet this requirement? (Choose two.)

- A. VMware vCenter
- B. Standalone Velero and Restic
- C. NSX-T Manager
- D. vSphere Host Client
- E. Velero Plugin for vSphere

**Answer: BE**

**Explanation:**

<https://docs.vmware.com/en/VMware-vSphere/7.0/vmware-vsphere-with-tanzu/GUID-9816E07A-466C-451D-A>

**NEW QUESTION 52**

An administrator decides to restore VMware vCenter from a file-based backup following a failed upgrade. Which interface should the administrator use to complete the restore?

- A. Direct Console User Interface (DCUI)
- B. vCenter Management Interface (VAMI)
- C. vSphere Client
- D. vCenter GUI Installer

**Answer: D**

**Explanation:**

<https://docs.vmware.com/en/VMware-vSphere/8.0/vsphere-vcenter-installation/GUID-F02AF073-7CFD-45B2>- You can use the vCenter Server appliance GUI installer to restore a vCenter Server to an ESXi host or a vCenter Server instance. The restore procedure has two stages. The first stage deploys a new vCenter Server appliance. The second stage populates the newly deployed vCenter Server appliance with the data stored in the file-based backup.  
<https://docs.vmware.com/en/VMware-vSphere/8.0/vsphere-vcenter-installation/GUID-F02AF073-7CFD-45B2>

#### NEW QUESTION 57

An administrator manually configures a reference ESXi host that meets company security standards for vSphere environments. The administrator now needs to apply all of the security standards to every identically configured host across multiple vSphere clusters within a single VMware vCenter instance. Which four steps would the administrator complete to meet this requirement? (Choose four.)

- A. Extract the host profile from the reference host
- B. Export the host profile from vCenter.
- C. Import host customization on the reference host.
- D. Attach the host profile to each cluster that requires the secure configuration.
- E. Check the compliance of each host against the host profile.
- F. Reset host customization on the reference host.
- G. Remediate all non-compliant hosts.

**Answer:** ADEG

#### Explanation:

To apply the security standards from a reference host to other hosts across multiple clusters, the administrator needs to extract a host profile from the reference host, which captures its configuration settings; attach the host profile to each cluster that requires the same configuration; check the compliance of each host against the host profile, which compares their settings; and remediate all non-compliant hosts, which applies the configuration settings from the host profile.

References:

<https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.security.doc/GUID-F8F105EC-A6EA>

#### NEW QUESTION 61

What are three options an administrator can configure after creating a vSphere Namespace? (Choose three.)

- A. Backup schedule
- B. Certificates
- C. Storage policies
- D. Update policies
- E. Permissions
- F. Resource and Object limits

**Answer:** CEF

#### Explanation:

After creating a vSphere Namespace, three of the options that an administrator can configure are storage policies, which define how storage resources are allocated for objects within a namespace; permissions, which define who can access and manage objects within a namespace; and resource and object limits, which define how much CPU, memory, storage, and network resources can be consumed by objects within a namespace.

References:

<https://docs.vmware.com/en/VMware-vSphere/7.0/vmware-vmfs-with-tanzu/GUID-C2E9B5C1-D6F1-4E9B>

<https://docs.vmware.com/en/VMware-vSphere/8.0/vsphere-with-tanzu-services-workloads/GUID-177C23C4-E>

#### NEW QUESTION 62

An administrator is performing maintenance activities and discovers that a Virtual Machine File System (VMFS) datastore has a lot more used capacity than expected. The datastore contains 10 virtual machines (VMs) and, when the administrator reviews the contents of the associated datastore, discovers that five virtual machines have a snapshot file (-delta.vmdk files) that has not been modified in over 12 months. The administrator checks the Snapshot Manager within the vSphere Client and confirms that there are no snapshots visible.

Which task should the administrator complete on the virtual machines to free up datastore space?

- A. Consolidate the snapshots for each VM.
- B. Inflate the disk files for each VM.
- C. Delete all snapshots for each VM.
- D. Storage vMotion each VM to another datastore.

**Answer:** A

#### Explanation:

Consolidating snapshots for each VM will merge any snapshot files that are not associated with a snapshot in Snapshot Manager into the base disk file and free up datastore space.

References:

[https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.vm\\_admin.doc/GUID-53F65726-A23B](https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.vm_admin.doc/GUID-53F65726-A23B)

The presence of redundant delta disks can adversely affect the virtual machine performance. You can combine such disks without violating a data dependency.

After consolidation, redundant disks are removed, which improves the virtual machine performance and saves storage space.

#### NEW QUESTION 65

An administrator needs to provide encryption for workloads within an existing vSphere cluster. The following requirements must be met:

- Workloads should be encrypted at rest.
- Encrypted workloads must automatically be encrypted during transit.
- Encryption should not require any specific hardware.

What should the administrator configure to meet these requirements?

- A. Encrypted vSphere vMotion
- B. Unified Extensible Firmware Interface (UEFI) Secure Boot
- C. Host Encryption

D. VM Encryption

**Answer:** D

**Explanation:**

The feature that should be configured to provide encryption for workloads within an existing vSphere cluster without requiring any specific hardware is VM Encryption, which allows encrypting VMs at rest and during vMotion.

References:

<https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.security.doc/GUID-F8F105EC-A6EA>

**NEW QUESTION 68**

An administrator needs to configure a content library solution based on the following information:

- A new corporate virtual machine (VM) template is created every month to include all of the latest patches.
  - The new VM template should be downloaded from the primary data center site (London) to two secondary data center sites (Tokyo and New York) as soon as possible.
  - There is limited disk space available at one of the secondary data center sites (Tokyo) due to an ongoing data center consolidation project.
- Which four steps should the administrator take to configure the content library solution before adding a VM template? (Choose four.)

- A. Create a new published content library In each secondary site
- B. Configure the New York subscribed content library to download content immediately.
- C. Configure the Tokyo subscribed content library to download content immediately
- D. Configure the Tokyo subscribed content library to download content when needed
- E. Create a new published content library at the primary site
- F. Configure the New York subscribed content library to download content when needed.
- G. Create a new subscribed content library in each secondary site

**Answer:** BDEG

**Explanation:**

The administrator should take these four steps to configure the content library solution before adding a VM template:

- Create a new published content library at the primary site, which allows the administrator to share the VM template with other sites.
- Configure the New York subscribed content library to download content immediately, which ensures that the new VM template is downloaded from the primary site as soon as possible.
- Configure the Tokyo subscribed content library to download content when needed, which saves disk space at the secondary site by downloading only the metadata of the VM template until it is deployed.
- Create a new subscribed content library in each secondary site, which allows the administrator to subscribe to the published content library at the primary site and synchronize the VM template. References:

[https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.vm\\_admin.doc/GUID-E8E854D](https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.vm_admin.doc/GUID-E8E854D)

**NEW QUESTION 72**

An administrator notices a Fibre Channel adapter in an ESXi host has been experiencing inconsistent connectivity states. Which trigger can be used to quickly identify the issue and alert the administrator so that the issue can be resolved?

- A. Host Connection Lost
- B. Lost Network Path Redundancy
- C. Lost Network Connectivity
- D. Lost Storage Connectivity

**Answer:** D

**Explanation:**

<https://kb.vmware.com/s/article/2014553>

Book course: 6-23 Fibre Channel SAN Components Using SAN switches, you can set up path redundancy to address any path failures from host server to switch, or from storage array to switch. 6-25 Multipathing with Fibre Channel By default, ESXi hosts use only one path from a host to a given LUN at any one time. If the path actively being used by the ESXi host fails, the server selects another available path.

The trigger that can be used to quickly identify the issue and alert the administrator so that the issue can be resolved is:

Lost Storage Connectivity

This alert is triggered when an ESXi host loses connectivity to storage devices. In this case, it would alert the administrator to the inconsistent connectivity states of the Fibre Channel adapter.

**NEW QUESTION 77**

An administrator needs to perform maintenance on a datastore that is running the vSphere Cluster Services (vCLS) virtual machines (VMs). Which feature can the administrator use in this scenario to avoid the use of Storage vMotion on the vCLS VMs?

- A. vSphere Distributed Resource Scheduler (DRS)
- B. vSphere vMotion
- C. vSphere Fault Tolerance
- D. vCLS Retreat Mode

**Answer:** D

**Explanation:**

The feature that can be used to avoid the use of Storage vMotion on the vCLS VMs when performing maintenance on a datastore is vCLS Retreat Mode, which allows temporarily removing the vCLS VMs from the cluster without affecting the cluster services.

References:

<https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.vcenterhost.doc/GUID-8E7C1D6D-8E>

**NEW QUESTION 79**

After adding a new vSphere ESXi host with identical hardware configuration to an existing vSphere cluster, which task would an administrator complete prior to checking the compliance with an existing host profile?

- A. Attach the host profile to the new host
- B. Duplicate the host profile
- C. Copy the host settings from the new host
- D. Import the host profile

**Answer:** A

**Explanation:**

The task that should be completed prior to checking the compliance with an existing host profile is to attach the host profile to the new host, which allows applying the configuration template of the reference host to the new host.

References:

<https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.hostprofiles.doc/GUID-0E5BF330-A76> <https://www.nakivo.com/blog/how-to-create-and-set-up-vmware-vsphere-host-profiles/>

**NEW QUESTION 80**

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