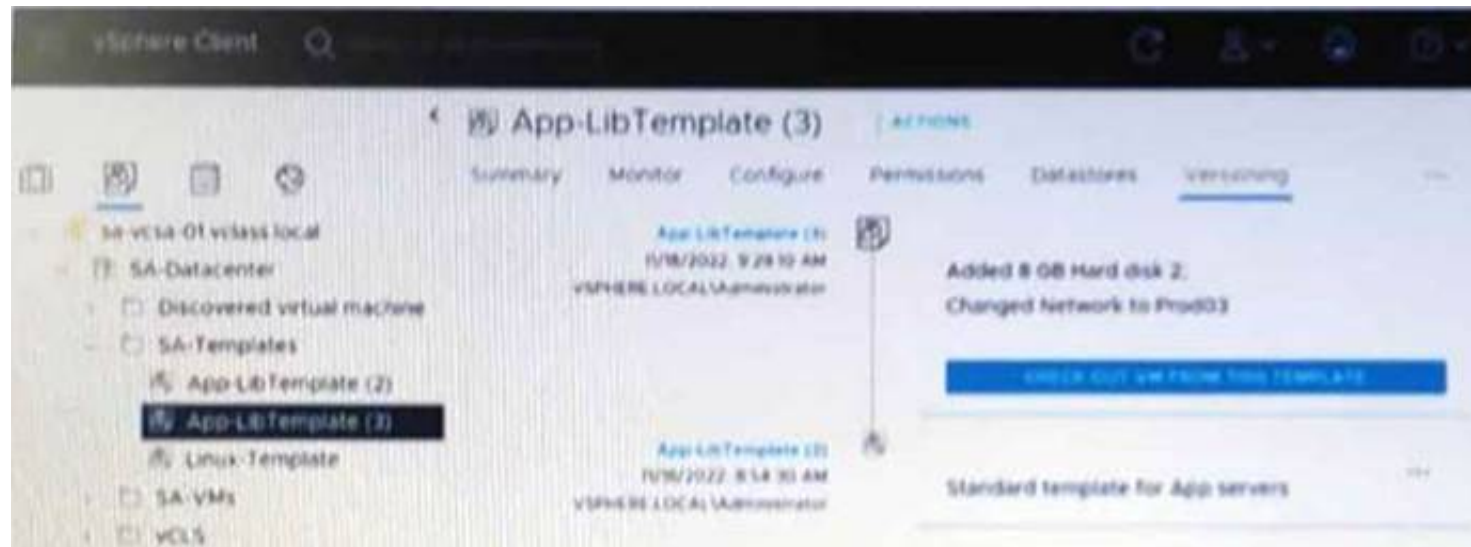# VMware

Exam Questions 3V0-21.23

VMware vSphere 8.x Advanced Design

NEW QUESTION 1
Refer to the exhibit.

Given the configuration shown in the exhibit, what must the administrator do to delete only the latest version of the template?

A. Delete App-LibTemplete (3) from the SA-Templates folder.
B. In the SA-template folder, rename App-Libtemplate (2) to App-LibTemplate
C. Check out AppLibTemplate (3) and delete the template from the SA-Templates folder.
D. Revert to APP-LibTemplate (2) and delete App-LibTemplate (3).

Answer: D

Explanation:
Option D is correct because it allows the administrator to delete only the latest version of the template by reverting to the previous version and then deleting the current version. Option A is incorrect because it deletes the entire template and not just the latest version. Option B is incorrect because it renames the previous version to the current version and does not delete anything. Option C is incorrect because it checks out the latest version and deletes it from the folder, but not from the library. References:
https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.vm_admin.doc/GUID-9F9E3F8C-0E2

NEW QUESTION 2
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

NEW QUESTION 3
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 4
A vSphere cluster has the following configuration:
• Virtual machines (VMs) are running Production and Test workloads
• vSphere Distributed Resource Scheduler (DRS) is enabled
• There are no resource pools in the cluster
Performance monitoring data shows that the Production workload VMs are not receiving their fully allocated memory when the vSphere cluster is fully utilized.
A combination of which two steps could the administrator perform to ensure that the Production VMs are always guaranteed the full allocation of memory? (Choose two.)

A. Assign a custom memory share value to the resource pool containing the Production VMs.
B. Assign a memory reservation value to the resource pool containing the Production VMs.
C. Create a parent resource pool for the Production VMs.
D. Create a sibling resource pool for each of the Production and Test VMs.
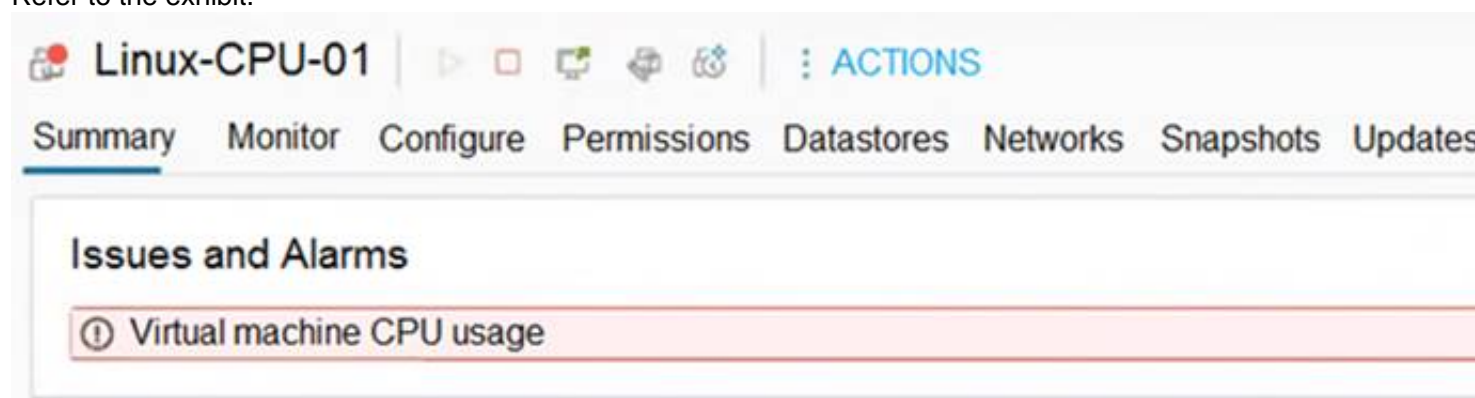E. Create a child resource pool for the Test VMs.

Answer: BD

Explanation:
https://docs.vmware.com/en/VMware-vSphere/8.0/vsphere-resource-management/GUID-60077B40-66FF-4625

NEW QUESTION 5
Refer to the exhibit.

After removing an ESXi host from a cluster for maintenance, a number of virtual machines have encountered the warning seen in the exhibit. After re-adding the ESXi, the issue is resolved. Which step should the administrator take to move the triggered alarm to its normal state?

A. Ignore
B. Reset to Green
C. Acknowledge
D. Disable

Answer: B

Explanation:
https://communities.vmware.com/t5/ESXi-Discussions/Alert-on-virtual-machine-that-i-cant-quot-clear-quot-or-r

NEW QUESTION 6
When configuring vCenter High Availability (HA), which two statements are true regarding the active, passive, and witness nodes? (Choose two.)

A. Network latency must be less than 10 milliseconds.
B. They must have a supported Wide Area Network (WAN).
C. They must have a minimum of a 10 Gbps network adapter
D. They must have a minimum of a 1 Gbps network adapter.
E. Network latency must be more than 10 milliseconds.
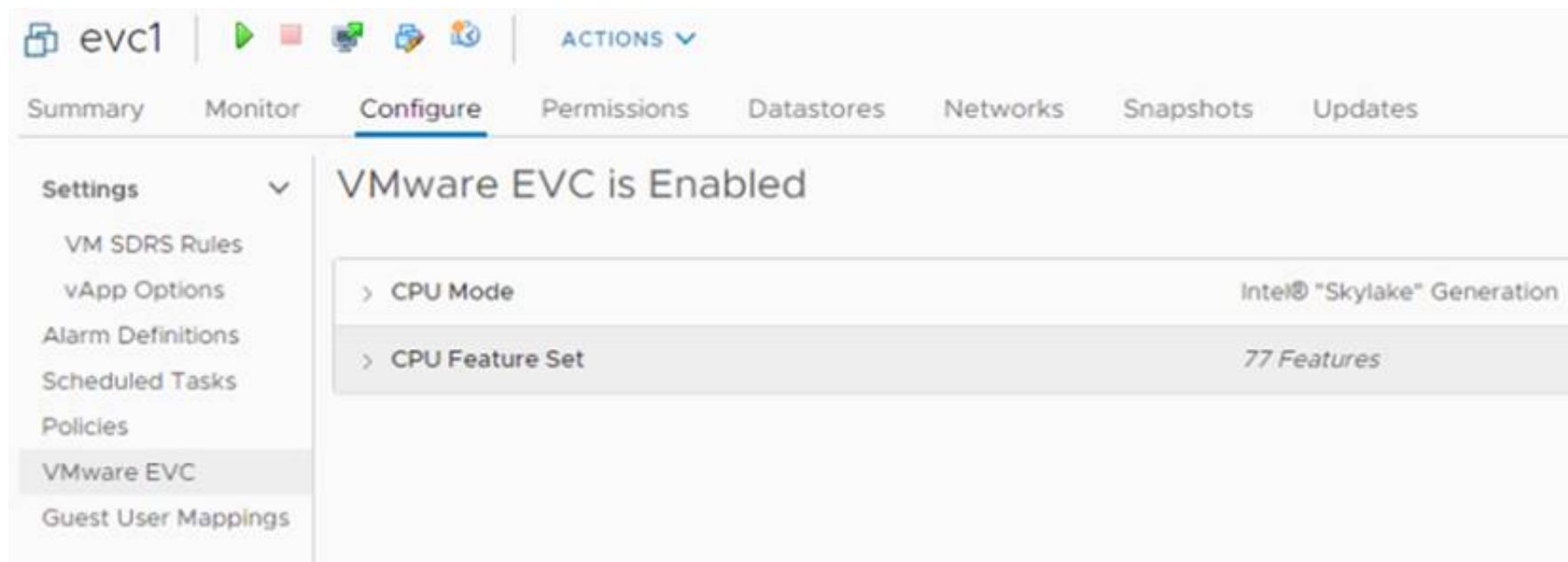
Answer: AD

Explanation:
When configuring vCenter High Availability (HA), two of the requirements for the active, passive, and witness nodes are that network latency must be less than 10 milliseconds, which ensures reliable communication between them; and they must have a minimum of a 1 Gbps network adapter, which provides sufficient bandwidth for data replication.
References:
https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.avail.doc/GUID-F01B2F12-C5BB-4C5

NEW QUESTION 7
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 8
An administrator is tasked with configuring remote direct memory access (RDMA) over Converged Ethernet v2 (RoCE v2).
Which two types of adapters must the administrator configure? (Choose two.)

A. Paravirtual RDMA adapter
B. RDMA network adapter
C. Software iSCSi adapter
D. Fibre Channel over Ethernet (FCoE) adapter
E. Software NVMe over RDMA storage adapter

Answer: BD

Explanation:
ESXi 7 and later supports RoCE v2 technology, which enables RDMA over an Ethernet network. Hosts use an RDMA network adapter installed on the host and a software NVMe over RDMA storage adapter.
https://docs.vmware.com/en/VMware-vSphere/8.0/vsphere-storage/GUID-F4B42510-9E6D-4446-816A-501286

NEW QUESTION 9
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 10
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 11
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 inventor
C. Clone the template to the content library.
D. Export a VM in the vCenter inventory to an OVF templat
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

NEW QUESTION 12
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