

## Exam Questions 3V0-21.23

VMware vSphere 8.x Advanced Design

<https://www.2passeasy.com/dumps/3V0-21.23/>



### NEW QUESTION 1

A company has two sites: Site A and Site B. The administrator would like to manage the VMware vCenter inventories in both sites from a single vSphere Client session.

Which vCenter feature must be configured?

- A. VMware Certificate Authority
- B. VMware Site Recovery Manager
- C. vCenter Single Sign-On
- D. Enhanced Linked Mode

**Answer: D**

#### Explanation:

Option D is correct because it indicates that Enhanced Linked Mode must be configured to allow the administrator to manage the VMware vCenter inventories in both sites from a single vSphere Client session. Enhanced Linked Mode allows multiple vCenter Server instances to share information such as tags, licenses, roles, permissions, and policies. Option A is incorrect because VMware Certificate Authority is a service that provides certificates for vSphere components and does not affect inventory management. Option B is incorrect because VMware Site Recovery Manager is a solution that provides disaster recovery and business continuity for vSphere environments and does not affect inventory management. Option C is incorrect because vCenter Single Sign-On is a service that provides authentication and authorization for vSphere components and does not affect inventory management. References: <https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vcenter.install.doc/GUID-9F9E3F8C-0E2B-4B>

### NEW QUESTION 2

An administrator is required to configure several Microsoft Windows virtual machines (VMs) to support Secure Boot for a critical secure application. The following information is provided:

- The corporate security policy states that all forms of data encryption must utilize a key provider.
- The firmware of each VM is currently set to use Unified Extensible Firmware Interface (UEFI).
- Due to the nature of the application running within the VMs, the guest operating system for each VM is currently a minimum of Windows Server 2008 and Windows 7.

Which security feature should the administrator implement to meet these requirements?

- A. vSphere Virtual Machine Encryption
- B. vSphere Visualization-Based Security
- C. Virtual Intel Software Guard Extensions (vSGX)
- D. Virtual Trusted Platform Module (vTPM)

**Answer: D**

#### Explanation:

<https://docs.vmware.com/en/VMware-vSphere/8.0/vsphere-security/GUID-6F811A7A-D58B-47B4-84B4-7339> A vTPM is a virtualized version of a physical TPM and is used to protect VMs and their data by tying the cryptographic functions to the hardware of the server on which the VMs are running<sup>12</sup>. This allows for secure boot, disk encryption, and other security features<sup>12</sup>. It also supports key providers, which is a requirement in this case<sup>12</sup>.

### NEW QUESTION 3

An administrator has mapped three vSphere zones to three vSphere clusters.

Which two statements are true for this vSphere with Tanzu zonal Supervisor enablement? (Choose two.)

- A. One Supervisor will be created in a specific zone.
- B. One Supervisor will be created across all zones.
- C. Three Supervisors will be created in Linked Mode.
- D. Individual vSphere Namespaces will be placed into a specific zone.
- E. Individual vSphere Namespaces will be spread across all zones.

**Answer: BE**

#### Explanation:

For a vSphere with Tanzu zonal Supervisor enablement where three vSphere zones are mapped to three vSphere clusters, the following two statements are true:  
 B. One Supervisor will be created across all zones. In a three-zone deployment, all three vSphere clusters become one Supervisor.  
 E. Individual vSphere Namespaces will be spread across all zones. You can distribute the nodes of your Tanzu Kubernetes Grid clusters across all three vSphere zones, thus providing HA for your Kubernetes workloads at a vSphere cluster level.

### NEW QUESTION 4

An administrator is tasked with providing users access to objects within an existing VMware vCenter instance. The vCenter inventory has a single data center with one management vSphere cluster and five workload vSphere clusters.

The following requirements must be met for assigning the users access:

- Users must only be able to view all of the inventory objects associated with the management vSphere cluster.
- Users must be able to edit all of the inventory objects associated with the workload vSphere clusters. The administrator creates a custom role to provide the permissions needed to allow users to edit inventory objects.

Which series of steps should the administrator complete to assign the custom role and provide the required level of access to users?

- A. Apply Global permissions to assign the Read Only role to the root vCenter object. Apply vCenter permissions to assign the custom role to the workload vSphere clusters and enable propagation.
- B. Apply Global permissions to assign the Read Only role to the root vCenter object and enable propagation
- C. Apply vCenter permissions to assign the custom role to the workload vSphere clusters and enable propagation.
- D. Apply Global permissions to assign the Read Only role to the root vCenter objec
- E. Apply vCenter permissions to assign the custom role to the workload vSphere clusters.
- F. Apply Global permissions to assign the Read Only role to the root vCenter object and enable propagatio

G. Apply vCenter permissions to assign the custom role to the workload vSphere clusters.

**Answer:** D

**Explanation:**

Option D is correct because it allows the administrator to apply Global permissions to assign the Read Only role to the root vCenter object and enable propagation, which will apply to all of the inventory objects in vCenter, and then apply vCenter permissions to assign the custom role to the workload vSphere clusters, which will override the Global permissions and allow users to edit all of the inventory objects associated with the workload vSphere clusters. Option A is incorrect because it will not enable propagation for the Global permissions, which will limit the Read Only role to the root vCenter object only. Option B is incorrect because it will enable propagation for both the Global and vCenter permissions, which will create a conflict between the Read Only and custom roles. Option C is incorrect because it will not enable propagation for either the Global or vCenter permissions, which will limit the Read Only role to the root vCenter object only and the custom role to the workload vSphere clusters only. References: <https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.security.doc/GUID-A2A4371A-B888>

**NEW QUESTION 5**

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 6**

An administrator is tasked with configuring an appropriate Single Sign-On (SSO) solution for VMware vCenter based on the following criteria:

- The solution should support the creation of Enhanced Link Mode groups.
- All user accounts are stored within a single Active Directory domain and the solution must support only this Active Directory domain as the identity source.
- All user account password and account lockout policies must be managed within the Active Directory domain.
- The solution should support token-based authentication.

Which SSO solution should the administrator choose based on the criteria?

- A. vCenter Identity Provider Federation with Active Directory Federation Services as the identity provider
- B. vCenter Single Sign-On with Active Directory over LDAP as the identity source
- C. vCenter Single Sign-On with Active Directory (Windows Integrated Authentication) as the identity source
- D. vCenter Identity Provider Federation with Active Directory over LDAP as the identity provider

**Answer:** A

**Explanation:**

„ In vCenter Server Identity Provider Federation, vCenter Server uses the OpenID Connect (OIDC) protocol to receive an identity token that authenticates the user with vCenter Server.“ Integrated Windows Authentication is deprecated since vSphere 7.0

<https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.authentication.doc/GUID-157188E3-53>

**NEW QUESTION 7**

An administrator is working with VMware Support and is asked to provide log bundles for the ESXi hosts in an environment. Which three options does the administrator have? (Choose three.)

- A. Generate a combined log bundle for all ESXi hosts using the vCenter Management Interface.
- B. Generate a separate log bundle for each ESXi host using the vSphere Host Client.
- C. Generate a combined log bundle for all ESXi hosts using the vSphere Client.
- D. Generate a separate log bundle for each ESXi host using the vSphere Client.
- E. Generate a separate log bundle for each ESXi host using the vCenter Management Interface.
- F. Generate a combined log bundle for all ESXi hosts using the vSphere Host Client.

**Answer:** BCD

**Explanation:**

Option B, C and D are correct because they are valid methods to generate log bundles for individual or

multiple ESXi hosts using different interfaces. Option A and E are incorrect because they are not possible options to generate log bundles for all ESXi hosts using the vCenter Management Interface. Option F is incorrect because it is not possible to generate a combined log bundle for all ESXi hosts using the vSphere Host Client. References:

<https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.troubleshooting.doc/GUID-9A94C3D1>

#### NEW QUESTION 8

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 9

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 10

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/vsphere-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 10

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/vsphere-with-tanzu/GUID-9816E07A-466C-451D-A>

#### NEW QUESTION 11

A vSphere cluster has the following vSphere Distributed Resource Scheduler (DRS) group configuration:

\* Virtual machine (VM) group named DB

\* Host groups named PROD11 and PROD55

The administrator wants to force the VMs in the DB group to run on the hosts in the PROD11 group. However, if all the hosts in PROD55.

Which VM/Host rule must the administrator create to ensure that these requirements are met?

- A. A preferential rule between the DB group and PROD11 group
- B. A preferential rule between the DB group and the PROD55 group
- C. A preferential rule between the DB group and the PROD55 group
- D. A required rule between the DB group and the PROD11 group

**Answer:** A

#### Explanation:

Option A is correct because it allows the administrator to create a preferential rule between the DB group and PROD11 group, which will force the VMs in the DB group to run on the hosts in the PROD11 group if possible, but will allow them to run on the hosts in PROD55 group if necessary. Option B is incorrect because it will create a preferential rule between the DB group and PROD55 group, which will force the VMs in the DB group to run on the hosts in PROD55 group if possible, which is not what the administrator wants. Option C is incorrect because it is the same as option B. Option D is incorrect because it will create a required rule between the DB group and PROD11 group, which will force the VMs in the DB group to run only on the hosts in PROD11 group and not allow them to run on the hosts in PROD55 group if needed. References: <https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.resmgmt.doc/GUID-60077B40-66FF-4>

#### NEW QUESTION 14

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 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? (Choose two.)

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

**Answer:** AB

#### Explanation:

[https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.vm\\_admin.doc/GUID-3E1BB630-9223](https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.vm_admin.doc/GUID-3E1BB630-9223)

#### NEW QUESTION 19

An administrator creates a new corporate virtual machine (VM) template every month to include all of the latest patches. The administrator needs to ensure that the new VM template is synchronized from the primary data center site (London) to two secondary data center sites (Tokyo and New York). The administrator is aware that datastore space is limited within the secondary data center sites. The administrator needs to ensure that the VM template is available in the secondary sites the first time a new virtual machine is requested.

Which four steps should the administrator take to meet these requirements? (Choose four.)

- A. Create a new published content library at the primary site.
- B. Add the virtual machine template to the subscribed content library.
- C. Create a new published content library in each secondary site.
- D. Create a new subscribed content library in each secondary site.
- E. Configure the subscribed content library to download content when needed.
- F. Configure each subscribed content library to download content immediately.
- G. Add the virtual machine template to the published content library.

**Answer:** ADEG

#### Explanation:

To meet the requirements of synchronizing and protecting images and templates with limited datastore space, the administrator needs to create a new published content library at the primary site, which makes it available for subscription by other vCenter Server instances; create a new subscribed content library in each secondary site, which allows accessing content from a published content library; configure the subscribed content library to download content when needed, which saves datastore space by only downloading content on demand; and add the virtual machine template to the published content library, which makes it available for other hosts to use.

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 22

An administrator is tasked with looking into the disaster recovery (DR) options for a software-defined data center (SDDC).

The following requirements must be met:

- All virtual machines (VMs) must be protected to a secondary site.
- The source VMs must remain online until the failover.
- When failing over to the secondary site, application downtime is allowed
- The DR failover must be managed from the vSphere Client.
- Costs must remain as low as possible.

How can the administrator accomplish this task?

- A. Configure VMware Cloud Disaster Recovery (VCDR) and combine it with array-based storage replication
- B. Configure VMware Site Recovery Manager and combine it with vSphere Replication.
- C. Configure a subscribed content library on the secondary site.
- D. Configure VMware Site Recovery Manager and combine it with array-based storage replication.

**Answer:** B

**Explanation:**

<https://blogs.vmware.com/virtualblocks/2017/11/29/vsr-technicaloverview/>

#### NEW QUESTION 25

An administrator is completing the configuration of a new vSphere cluster and has enabled vSphere High Availability (HA) and vSphere Distributed Resource Scheduler (DRS).

After adding the ESXi hosts to the cluster, which networking information will the administrator be prompted to provide when using the Cluster Quickstart workflow?

- A. vMotion networking
- B. Management networking
- C. vSAN networking
- D. Virtual machine networking

**Answer:** A

**Explanation:**

<https://core.vmware.com/resource/cluster-quickstart#section1>

#### NEW QUESTION 30

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 31

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 34

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?

- 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. References:

[https://docs.vmware.com/en/VMware-vSphere/8.0/com.vmware.vsphere.vm\\_admin.doc/GUID-E8E854DD-AA](https://docs.vmware.com/en/VMware-vSphere/8.0/com.vmware.vsphere.vm_admin.doc/GUID-E8E854DD-AA)

#### NEW QUESTION 35

An administrator is investigating reports of users experiencing difficulties logging into a VMware vCenter instance using LDAP accounts. Which service should the administrator check as part of troubleshooting?

- A. vSphere Authentication Proxy Service
- B. Lookup Service
- C. Identity Management Service
- D. VMware Authentication Framework Daemon

**Answer:** C

#### Explanation:

Identity Management Service is the service that handles authentication requests from LDAP accounts and other identity sources in vCenter Server.

References:

<https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vcenter.install.doc/GUID-FE1D5F2E-E3AC-4D>

#### NEW QUESTION 40

Which three vSphere features are still supported for Windows-based virtual machines when enabling vSphere's -virtualization-based security feature? (Choose three.)

- A. vSphere vMotion
- B. PCI passthrough
- C. vSphere High Availability (HA) D, vSphere Fault Tolerance
- D. vSphere Distributed Resources Scheduler (DRS)
- E. Hot Add of CPU or memory

**Answer:** ACE

#### Explanation:

Option A, C and E are correct because they indicate that vSphere features such as vMotion, High Availability (HA) and Distributed Resource Scheduler (DRS) are still supported for Windows-based virtual machines when enabling vSphere's virtualization-based security feature, which provides enhanced protection for guest operating systems and applications against various attacks. Option B is incorrect because PCI passthrough is not supported for Windows-based virtual machines when enabling vSphere's virtualization-based security feature, as this feature requires direct access to physical devices that cannot be shared or protected by hypervisor mechanisms. Option D is incorrect because Fault Tolerance is not supported for Windows-based virtual machines when enabling vSphere's virtualization-based security feature, as this feature requires identical execution states for primary and secondary virtual machines that cannot be guaranteed by hypervisor mechanisms. Option F is incorrect because Hot Add of CPU or memory is not supported for Windows-based virtual machines when enabling vSphere's virtualization-based security feature, as this feature requires

dynamic changes to virtual hardware configuration that cannot be handled by hypervisor mechanisms. References:

<https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.security.doc/GUID-A2A4371A-B888>

#### NEW QUESTION 43

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

#### NEW QUESTION 46

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

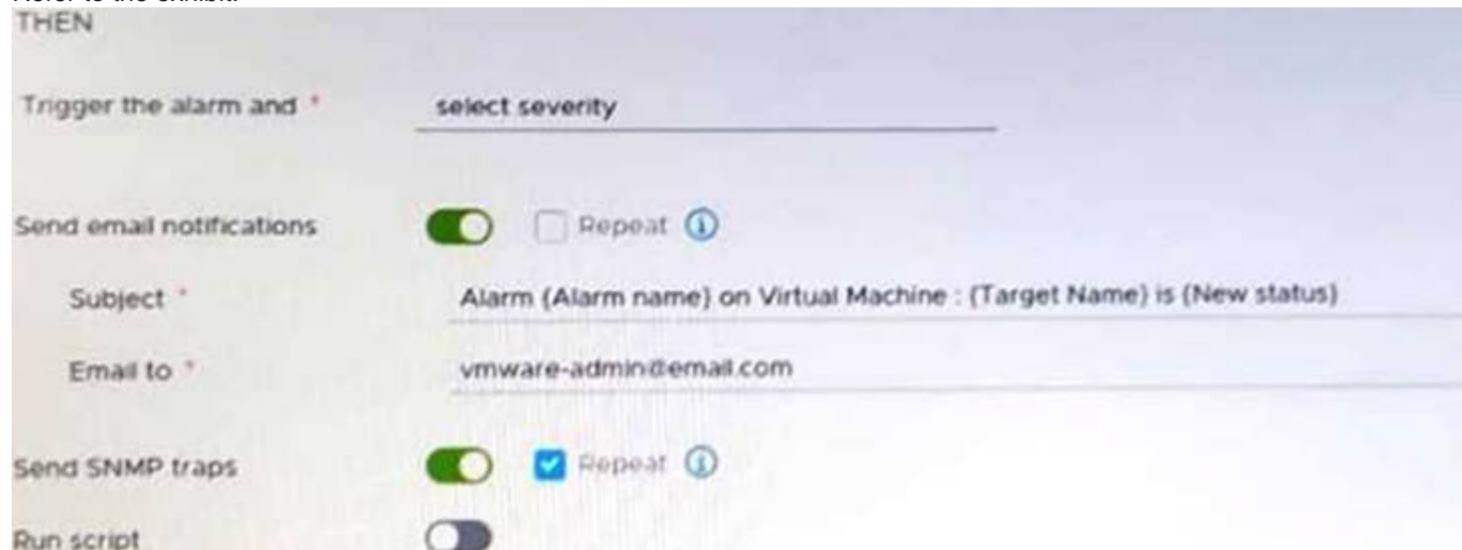
**Answer:** B

**Explanation:**

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

**NEW QUESTION 51**

Refer to the exhibit.



After updating a predefined alarm on VMware vCenter, an administrator enables email notifications as shown in the attached alarm; however, notifications are NOT being sent.

Where must the mail server settings be configured by the administrator to resolve this issue?

- A. In the ESXi host system config
- B. In the alarm rule definitions
- C. In the vCenter settings in the vSphere Client
- D. in the vCenter Management Interface

**Answer:** C

**Explanation:**

Option C is correct because it allows the administrator to configure the mail server settings in the vCenter settings in the vSphere Client, which are required for sending email notifications for alarms. Option A is incorrect because it configures the mail server settings on an ESXi host system, which are not used for sending email notifications for alarms. Option B is incorrect because it configures the alarm rule definitions, which are already enabled in the exhibit. Option D is incorrect because it configures the vCenter Management Interface, which is not used for sending email notifications for alarms. References:

<https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.monitoring.doc/GUID-A2A4371A-B88>

**NEW QUESTION 55**

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 56**

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