

Exam Questions 2V0-21.23

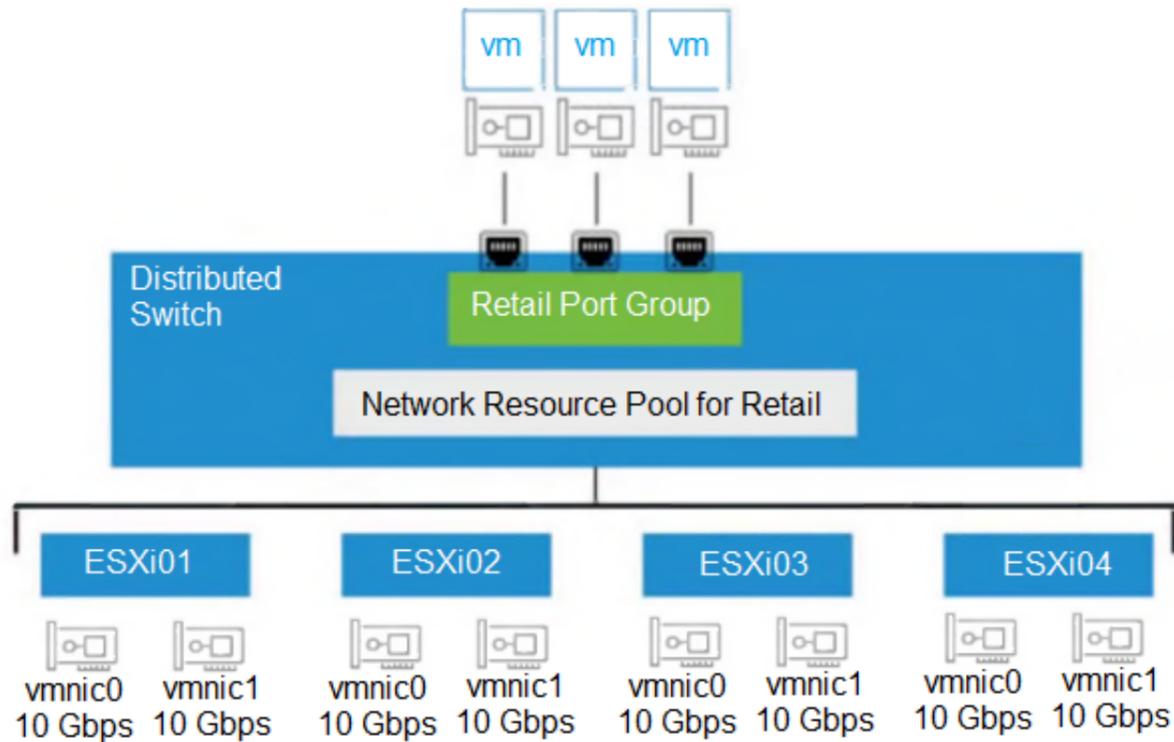
VMware vSphere 8.x Professional

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



NEW QUESTION 1

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?

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

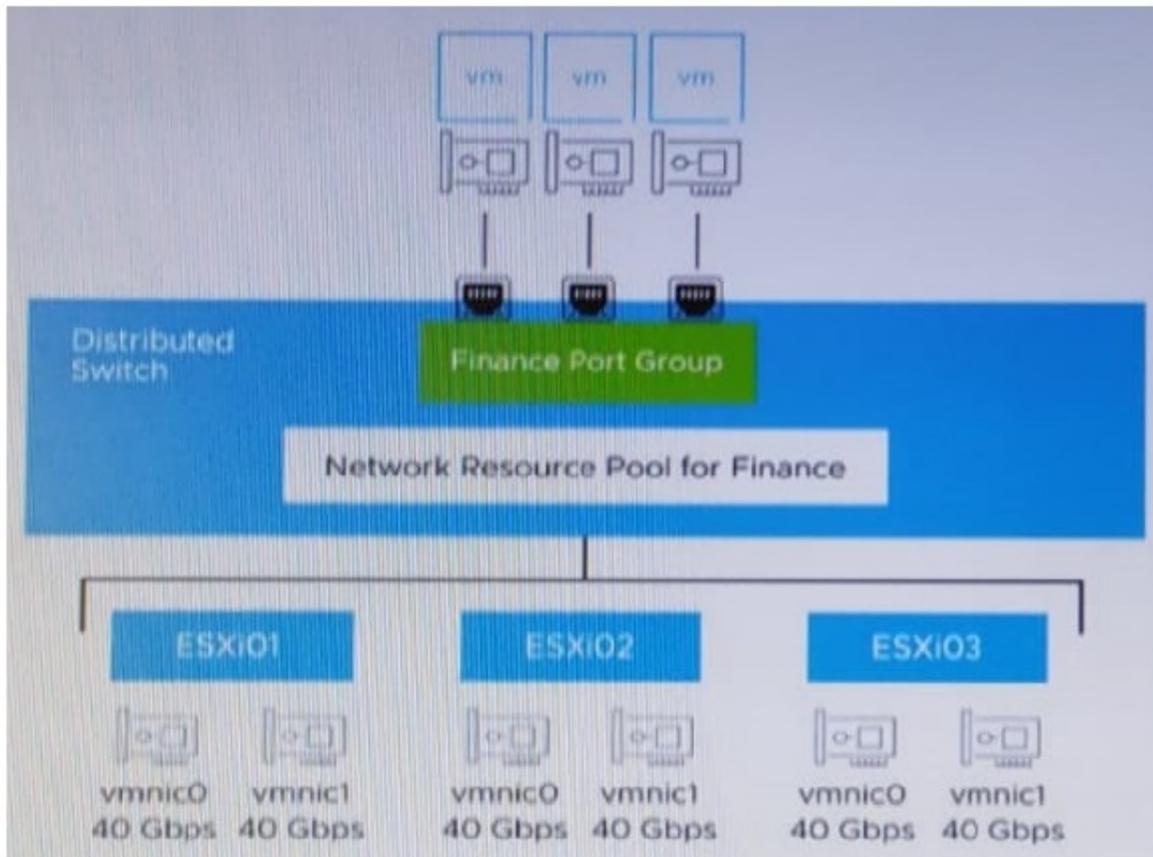
Answer: D

Explanation:

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

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.

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:

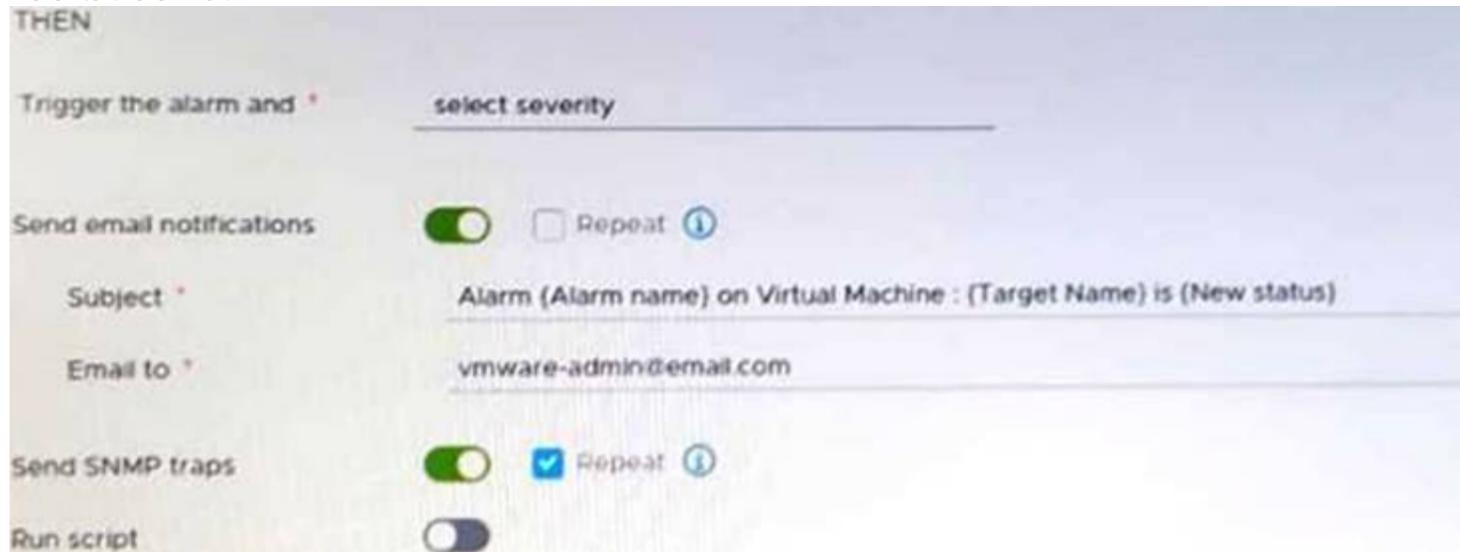
The security policy that must be configured at the port group level to allow all traffic to be forwarded regardless of the destination is promiscuous mode set to accept, which allows receiving all traffic on a virtual switch port.

References:

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

NEW QUESTION 4

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 5

Which three features are only available when using vSphere Distributed Switches instead of vSphere Standard Switches? (Choose three.)

- A. 802.1Q tagging
- B. Port mirroring
- C. Netflow
- D. Configuration backup and restore
- E. IPv6 support
- F. IPv4 support

Answer: BCD

Explanation:

Three features that are only available when using vSphere Distributed Switches instead of vSphere Standard Switches are port mirroring, which allows monitoring

network traffic on a virtual switch port; Netflow, which allows collecting IP traffic information from a virtual switch; and configuration backup and restore, which allows saving and restoring distributed switch settings.

References:

<https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.networking.doc/GUID-D5960C77-0D1> <https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.networking.doc/GUID-A59628EA-985> <https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.networking.doc/GUID-E9EB9D18-692>

NEW QUESTION 6

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 7

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 8

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 9

An administrator is tasked with installing VMware vCenter. The vCenter Server Appliance must support an environment of:

- 400 hosts
- 4000 virtual machines

Which two resources must be allocated, at a minimum, to meet the requirements? (Choose two.)

- A. 16 vCPUs
- B. 30 GB Memory
- C. 4 vCPUs
- D. 8 vCPUs
- E. 20 GB Memory

Answer: BD

Explanation:

<https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vcenter.install.doc/GUID-88571D8A-46E1-464>

NEW QUESTION 10

During the staging of a patch on a vCenter Server Appliance, an error was encountered and the process stopped. An administrator resolved the root cause and is ready to continue with the staging of the patch.

From the vCenter Management Interface, which action should the administrator take to continue the process from the point at which the error occurred?

- A. Use the Stage and Install option to resume the staging.
- B. Use the Resume option to resume the staging.
- C. Use the Unstage option to restart the staging.
- D. Use the Stage Only option to restart the staging.

Answer: B

Explanation:

docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vcenter.upgrade.doc/GUID-FF533442-66F0-4797-976

NEW QUESTION 10

An administrator notices a performance issue in VMware vCenter. To try and understand more about the performance issue, the administrator needs to gather more information about the vCenter database to eliminate a potential disk space issue.

Which two tools can the administrator use? (Choose two.)

- A. vCenter Management Interface (VAMI)
- B. Perfmon
- C. df
- D. esxtop
- E. vSphere Client

Answer: AC

Explanation:

<https://kb.vmware.com/s/article/76563>

NEW QUESTION 11

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 16

An administrator is tasked with moving an application and guest operating system (OS) running on top of a physical server to a software-defined data center (SDDC) in a remote secure location.

The following constraints apply:

- The remote secure location has no network connectivity to the outside world.
- The business owner is not concerned if all changes in the application make it to the SDDC in the secure location.
- The application's data is hosted in a database with a high number of transactions.

What could the administrator do to create an image of the guest OS and application that can be moved to this remote data center?

- A. Create a hot clone of the physical server using VMware vCenter Converter.
- B. Create a cold clone of the physical server using VMware vCenter Converter.
- C. Restore the guest OS from a backup.
- D. Use storage replication to replicate the guest OS and application.

Answer: B

Explanation:

Option B is correct because it allows the administrator to create a cold clone of the physical server using VMware vCenter Converter, which will create an image of the guest OS and application that can be moved to this remote data center without requiring network connectivity or affecting the application's data. Option A is incorrect because creating a hot clone of the physical server using VMware vCenter Converter will require network connectivity and may affect the application's data due to changes during conversion. Option C is incorrect because restoring the guest OS from a backup will require network connectivity and may not include the latest changes in the application. Option D is incorrect because using storage replication to replicate the guest OS and application will require network connectivity and may not be feasible for a physical server. References:

<https://docs.vmware.com/en/vCenter-Converter-Standalone/6.2/com.vmware.convsa.guide/GUID-9F9E3F8C-0E>

NEW QUESTION 21

An administrator runs a two-node vSphere cluster, which contains two domain controller virtual machines (VMs). The administrator wants to ensure that VMs run on separate hosts without interfering with normal maintenance operations.

How should the administrator configure Distributed Resource Scheduler (DRS)?

- A. Create a 'Must run Virtual Machines to Hosts' anti-affinity rule.
- B. Create a 'Virtual Machines to Virtual Machines' anti-affinity rule.
- C. Create a 'Virtual Machines to Virtual Machines' dependency rule.
- D. Create a 'Should run Virtual Machines to Hosts' anti-affinity rule.

Answer: D

Explanation:

<https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.resmgmt.doc/GUID-793013E2-0976-4>

NEW QUESTION 24

A combination of which two components of the software-defined data center (SDDC) are responsible for the initial abstraction of CPU, memory, disk, and network resources and their subsequent management? (Choose two.)

- A. VMware ESXi
- B. VMware vCenter Cloud Gateway
- C. VMware Ana Suite Lifecycle
- D. VMware vCenter
- E. VMware Ana Operations

Answer: AD

Explanation:

VMware ESXi and VMware vCenter are the two components of the software-defined data center (SDDC) that are responsible for the initial abstraction of CPU, memory, disk, and network resources and their subsequent management¹. VMware ESXi is the virtualization platform where you create and run virtual machines and virtual appliances². VMware vCenter is the service through which you manage multiple hosts connected in a network and pool host resources². These two components are part of the SDDC architecture that enables a fully automated, zero-downtime infrastructure for any application, and any hardware, now and in the future³.

NEW QUESTION 28

A group of new virtual machines have been deployed using thin-provisioned disks due to the limited storage space available in an environment. The storage team has expressed concern about extensive use of this type of provisioning.

An administrator is tasked with creating a custom alarm to notify the storage team when thin provisioning reaches a certain capacity threshold.

Where must the administrator define this alarm?

- A. Datastore
- B. Data center
- C. Datastore cluster
- D. Virtual machine

Answer: A

Explanation:

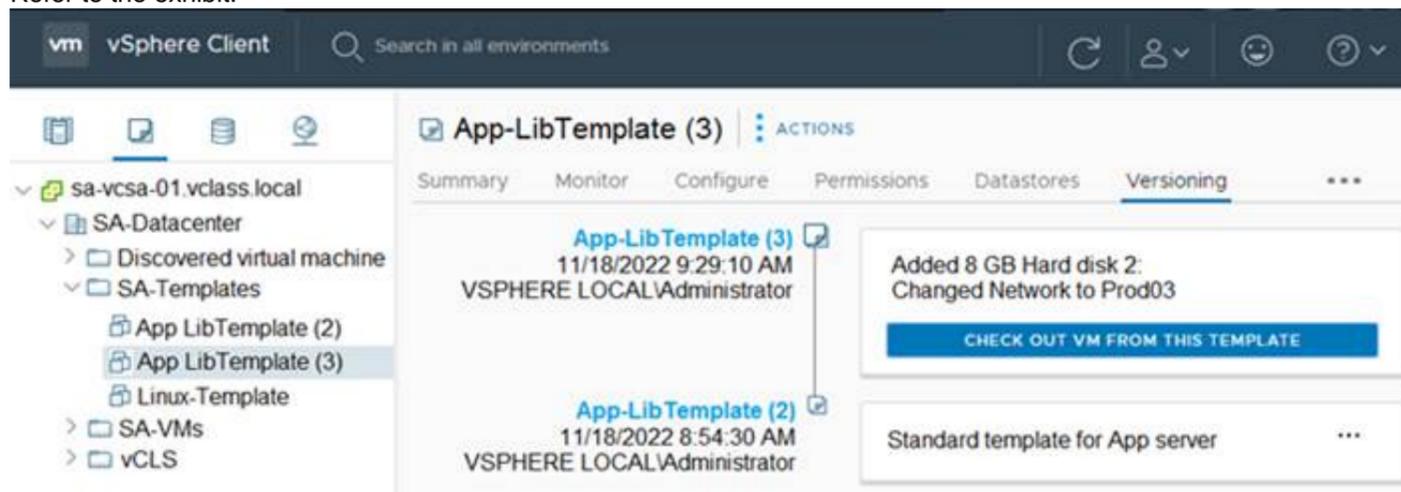
To create a custom alarm to notify when thin provisioning reaches a certain capacity threshold, the administrator must define this alarm at the datastore level, as it is related to datastore usage.

References:

<https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.monitoring.doc/GUID-B8DC03CB-EF>

NEW QUESTION 32

Refer to the exhibit.



Given the configuration shown in the exhibit, what should the administrator do if the latest VM template contains changes that are no longer needed?

- A. Delete App-LibTemplate (2)
- B. Revert to App-LibTemplate (2)
- C. Delete App-LibTemplate (3)
- D. Check out App-LibTemplate (3)

Answer: B

Explanation:

Deleting App-LibTemplate (3) will remove the changes that are no longer needed and revert to the previous version of the template.

References:

https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.vm_admin.doc/GUID-9A5093A5-C54

https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.vm_admin.doc/GUID-D69B0279-CC9 If the latest VM template contains changes that are no longer needed, the administrator should revert to the previous version of the template1.

Here are the steps to revert to a previous version of a template1:

- Navigate to the Versioning tab of the VM template.
- From the vertical timeline, navigate to the previous state of the VM template.
- Click the horizontal ellipsis icon (⋮), and select Revert to This Version.
- The Revert to Version dialog box opens. Enter a reason for the revert operation and click Revert. So, in this case, the correct answer is: B. Revert to App-LibTemplate (2)

This will make App-LibTemplate (2) the current VM template1. Please note that this operation will not delete App-LibTemplate (3), it will simply make App-LibTemplate (2) the current version1.

NEW QUESTION 35

An administrator must gracefully restart a virtual machine (VM) through the vSphere Client but the option is greyed out. The administrator has full administrative access on VMware vCenter and all the objects available in vCenter, but has no access to log onto the operating system.

Which action should the administrator take to meet the objective?

- A. Upgrade the virtual hardware
- B. Migrate the VM to another host
- C. Install VMware Tools
- D. Restart vCenter

Answer: C

Explanation:

Installing VMware Tools will enable the graceful restart option for the virtual machine, as well as other features such as time synchronization and guest OS customization.

References:

https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.vm_admin.doc/GUID-9A5093A5-C54

NEW QUESTION 36

A vSphere environment is experiencing intermittent short bursts of CPU contention, causing brief production outages for some of the virtual machines (VMs). To understand the cause of the issue, the administrator wants to observe near real-time statistics for all VMs.

Which two vSphere reporting tools could the administrator use? (Choose two.)

- A. Advanced Performance Charts
- B. esxcli
- C. resxtop
- D. Overview Performance Charts
- E. esxtop

Answer: AE

Explanation:

Advanced Performance Charts and esxtop are both vSphere reporting tools that can be used to observe near real-time statistics for all VMs. Advanced Performance Charts provides a graphical view of performance data, while esxtop is a command-line tool that provides more detailed information.

NEW QUESTION 37

An administrator is tasked with migrating a single virtual machine (VM) from an existing VMware vCenter to a secure environment where corporate security policy requires that all VMs be encrypted. The secure environment consists of a dedicated vCenter instance with a 4-node vSphere cluster and already contains a number of encrypted VMs.

Which two steps must the administrator take to ensure the migration is a success? (Choose two.)

- A. Ensure that the source and destination vCenter instances share the same Key Management Server(KMS).
- B. Ensure that Encrypted vMotion Is turned off for the VM.
- C. Ensure that the VM is encrypted before attempting the migration.
- D. Ensure that the VM is powered off before attempting the migration.
- E. Ensure that the source and destination vCenter Servers have a different Key Management Server (KMS).

Answer: AC

Explanation:

To ensure a successful migration of an encrypted VM to a secure environment, the administrator needs to ensure that the source and destination vCenter instances share the same Key Management Server (KMS), which provides encryption keys for both environments; and ensure that the VM is encrypted before attempting the migration, which allows preserving its encryption status during vMotion.

References:

<https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.security.doc/GUID-F8F105EC-A6EA-> <https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.security.doc/GUID-C3FFBF62-D6BF>

NEW QUESTION 42

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 45

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?

- A. sphere 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.

References:

<https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vcenter.upgrade.doc/GUID-C3FFBF62-D6BF>

NEW QUESTION 49

What are two use cases for VMware vSphere+? (Choose two.)

- A. Enhance on-premises workloads by managing them through the VMware Cloud Console
- B. Allow live migration between on-premises and VMware Cloud
- C. Increase the performance of the native vCenter vMotion capability
- D. Allow the creation of affinity and anti-affinity rules to be used during failover events
- E. Simplify vCenter lifecycle management through cloud-enabled automation

Answer: AE

Explanation:

<https://www.vmware.com/products/vsphere/vsphere-plus.html> <https://blogs.vmware.com/vsphere/2022/06/vmware-vsphereplus-introducing-the-multi-cloud-workload-platform>

NEW QUESTION 54

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?

- 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-A829-495>

NEW QUESTION 57

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 58

To keep virtual machines (VMs) up and running at all times in a vSphere cluster, an administrator would like VMs to be migrated automatically when the host hardware health status becomes degraded.

Which cluster feature can be used to meet this requirement?

- A. Predictive DRS

- B. Proactive HA
- C. vSphere HA Orchestrated Restart
- D. vSphere Fault Tolerance

Answer: B

Explanation:

Proactive HA is a cluster feature that can be used to migrate VMs automatically when the host hardware health status becomes degraded, before a failure occurs.

References:

<https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.avail.doc/GUID-C3FFBF62-D6BF-4A>

NEW QUESTION 61

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 a 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.

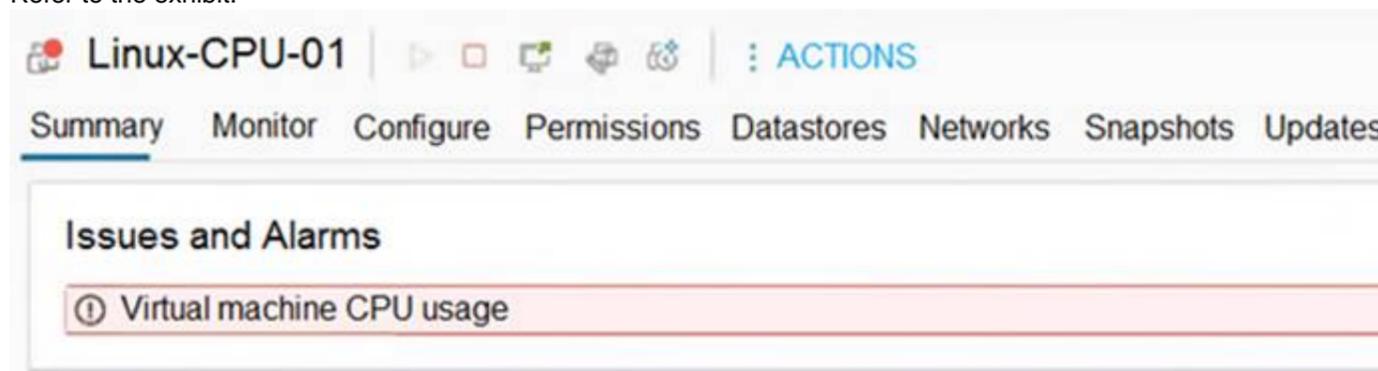
Answer: B

Explanation:

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

NEW QUESTION 66

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 71

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 73

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 77

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

- 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 are part of a managed cluster using baselines

Answer: BE

Explanation:

<https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere-lifecycle-manager.doc/GUID-774C362>

NEW QUESTION 81

Which VMware offering will allow an administrator to manage the lifecycle of multiple vCenter Server instances in a single software as a service (SaaS)-based solution to help drive operational efficiency?

- A. VMware vSphere with Tanzu
- B. VMware Cloud Foundation
- C. VMware vSphere+
- D. VMware Aria Suite Lifecycle

Answer: C

Explanation:

VCF includes the management domain and multiple workload domains. While VCF does use LCM to manage vCenter lifecycle, it is on-prem only (for now) and is not SaaS based. That only leave vSphere+. See the video in this link about upgrading remote vCenters managed by vSphere+.

<https://www.vmware.com/products/vsphere/vsphere-plus.html>

NEW QUESTION 83

An administrator wants to allow a DevOps engineer the ability to delete Tanzu Kubernetes Grid (TKG) cluster objects in a vSphere Namespace. Which role would provide the minimum required permissions to perform this operation?

- A. Administrator
- B. Can View
- C. Owner
- D. Can Edit

Answer: D

Explanation:

The Can Edit role would provide the minimum required permissions to delete Tanzu Kubernetes Grid (TKG) cluster objects in a vSphere Namespace, as it allows creating, updating, and deleting objects within a namespace.

References:

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

NEW QUESTION 84

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?

- 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.

References:

<https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.vcenterhost.doc/GUID-39A8C7F4-8D8>

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

NEW QUESTION 85

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 88

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 91

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 92

An administrator has configured Storage I/O Control (SIOC) on a Virtual Machine File System (VMFS) datastore.

- The datastore supports 30,000 IOPS
- Storage I/O Control has been set to manual
- Storage I/O Control is triggered when latency hits 30 ms
- The datastore contains 3 virtual machines (VMs)
- A gold tier VM
- A silver tier VM
- A bronze tier VM

Assuming the datastore latency does not exceed 29ms, what is the maximum number of IOPS the bronze tier VM is entitled to?

- A. A.-30,000B.20,000C.10,000D.5,000

Answer: A

Explanation:

The bronze tier VM is entitled to 30,000 IOPS, which is the maximum number of IOPS that the datastore supports. Storage I/O Control (SIOC) does not limit the IOPS of any VM unless the datastore latency exceeds the threshold, which is 30 ms in this case. Therefore, as long as the datastore latency is below 29 ms, the bronze tier VM can use up to 30,000 IOPS. References:

<https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.resmgmt.doc/GUID-7686FEC3-1FAC>

NEW QUESTION 96

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."

- 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
- DNS Domain: corp.local

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 the 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 name, resolution,
- C. Update the VMware ESXi Management Network IPv4 configuration to use a static 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: AB

Explanation:

To successfully log into the vSphere Host Client using the FQDN for the ESXi host, the administrator needs to ensure a DNS A Record is created for the VMware ESXi host on the corporate DNS servers, which maps its FQDN to its IP address; and update the VMware ESXi Management Network DNS configuration to use the corporate DNS servers for name resolution, which allows resolving its FQDN.

References:

<https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.networking.doc/GUID-D2F9C9A9-5F2> <https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.networking.doc/GUID-9F1D4E96-339>

NEW QUESTION 100

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 105

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 109

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

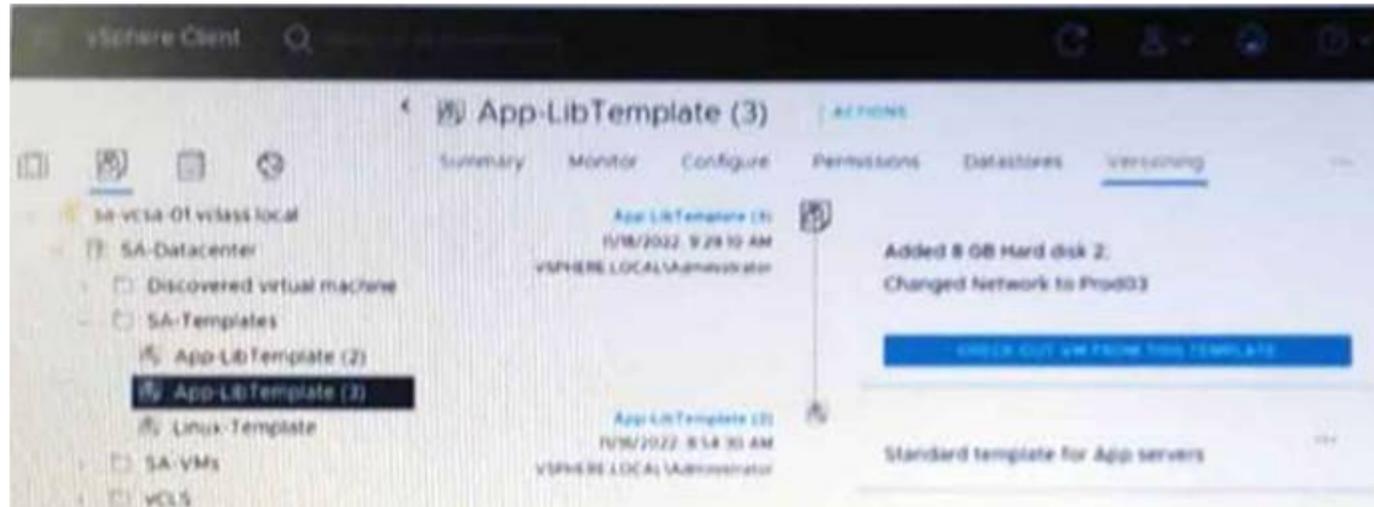
Answer: D

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 110

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-LibTemplate (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 115

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 118

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 123

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 124

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