



VMware

Exam Questions 2V0-21.23

VMware vSphere 8.x Professional

NEW QUESTION 1

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

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

Answer: A

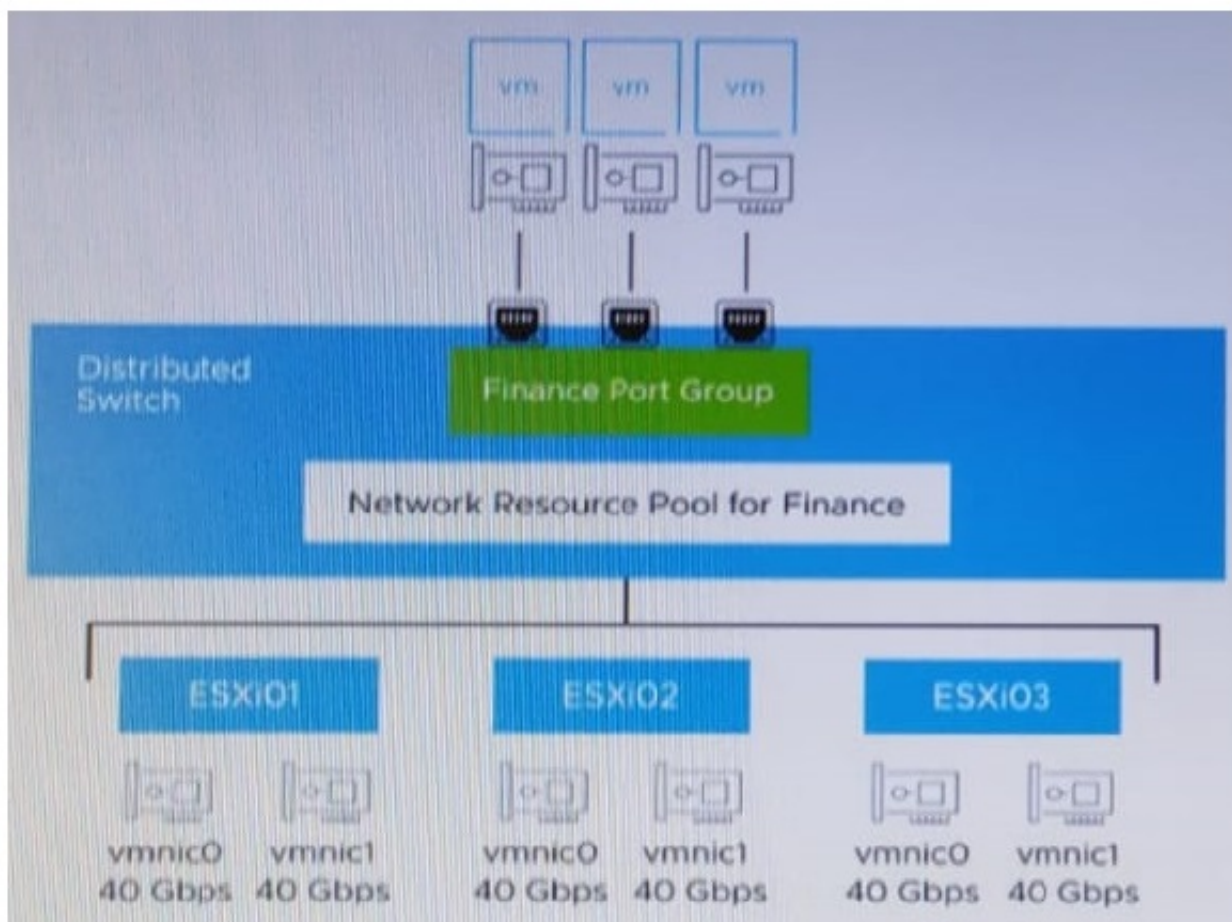
Explanation:

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

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

NEW QUESTION 2

Refer to the exhibit.



An administrator set up the following configuration:

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

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

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

Answer: A

Explanation:

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

References:

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

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

NEW QUESTION 3

What are two uses cases for VMware Tools? (Choose two.)

- A. Time synchronization with an NTP server
- B. Direct deployment of the Aria Automation Config minion
- C. Share folders between ESXi hosts and guest OS file systems
- D. Ability to shut down a virtual machine remotely
- E. Support for unsupported network device drivers

Answer: CD

Explanation:

<https://www.stevenbright.com/2022/03/deploy-salt-minions-automatically-using-vmware-tools/>

Two use cases for VMware Tools are direct deployment of the Aria Automation Config minion and ability to shut down a virtual machine remotely. Direct deployment of the Aria Automation Config minion is a feature that allows the administrator to deploy a configuration management agent to a virtual machine using VMware Tools. This feature enables automation and orchestration of virtual machine configuration tasks. Ability to shut down a virtual machine remotely is a feature that allows the administrator to gracefully power off a virtual machine from the vSphere Client or other VMware products. This feature requires VMware Tools to be installed and running on the guest operating system. References:

<https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.vmwaretools.doc/GUID-28C39A00-74>

NEW QUESTION 4

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 5

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 6

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 7

An administrator is preparing to perform an update to vSphere clusters that are running vSAN. The administrator wants to ensure that the following requirements are met as part of the update:

- All hosts in the cluster are updated with the same software.
- The firmware versions on the hosts are updated
- The new software versions are checked for compliance against the vSAN Hardware Compatibility List. Which three steps should the administrator take to meet these requirements? (Choose three.)

- A. Configure vSphere Lifecycle Manager with an image for the cluster.
- B. Register the vendor hardware management system as a vCenter Server extension.
- C. Download the firmware updates from the VMware website
- D. Download the firmware updates from the vendor website.
- E. Run a hardware compatibility check using vSphere Lifecycle Manager
- F. Configure vSphere Lifecycle Manager with a baseline for the cluster.

Answer: ABE

Explanation:

The administrator should take these three steps to perform an update to vSphere clusters that are running vSAN:

- Configure vSphere Lifecycle Manager with an image for the cluster, which allows the administrator to specify the desired ESXi version and firmware for the hosts in the cluster.
- Register the vendor hardware management system as a vCenter Server extension, which allows the administrator to update the firmware on the hosts using vSphere Lifecycle Manager. The vendor hardware management system can also provide the firmware updates to vSphere Lifecycle Manager, so there is no need to download them from the vendor website separately.
- Run a hardware compatibility check using vSphere Lifecycle Manager, which verifies that the new software and firmware versions are compatible with the vSAN Hardware Compatibility List.

NEW QUESTION 8

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

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

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

Answer: C

Explanation:

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

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

<https://kb.vmware.com/s/article/1003806>

NEW QUESTION 9

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

What could the administrator do to improve the VM's performance?

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

Answer: C

Explanation:

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

NEW QUESTION 10

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 10

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 vSphere 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 13

After a recent unexplained peak in virtual machine (VM) CPU usage, an administrator is asked to monitor the VM performance for a recurrence of the issue. Which two tools can the administrator use? (Choose two.)

- A. vCenter Management Interface
- B. Direct Console User Interface (DCUI)
- C. vSphere Performance Charts
- D. vCenter Command Line Interface
- E. ESXi Shell

Answer: CE

Explanation:

To monitor the VM performance for a recurrence of the issue, the administrator can use vSphere Performance Charts, which provide graphical views of various performance metrics for VMs and other objects; or ESXi Shell, which provides command-line access to ESXi hosts and allows running various commands to collect performance data.

References:

<https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.monitoring.doc/GUID-D89E8267-C74> <https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.monitoring.doc/GUID-CDC20FD2-FE>

NEW QUESTION 16

Which four elements can a vSphere Lifecycle Manager image contain? (Choose four.)

- A. ESXi base image
- B. ESXi configuration
- C. Vendor agents
- D. Vendor add-ons
- E. BIOS updates
- F. Firmware and drivers add-on
- G. Independent components

Answer: ADFG

Explanation:

<https://docs.vmware.com/en/VMware-vSphere/8.0/vsphere-lifecycle-manager/GUID-9A20C2DA-F45F-4C9B-9> A vSphere Lifecycle Manager image can consist of the following four elements:

ESXi base image

The base image contains an image of VMware ESXi Server and additional components, such as drivers and adapters that are necessary to boot a server. The base image is the only mandatory element in a vSphere Lifecycle Manager image. All other elements are optional.

Vendor add-on

The vendor add-on is a collection of software components that OEMs create and distribute. The vendor add-on can contain drivers, patches, and solutions.

Firmware and drivers add-on

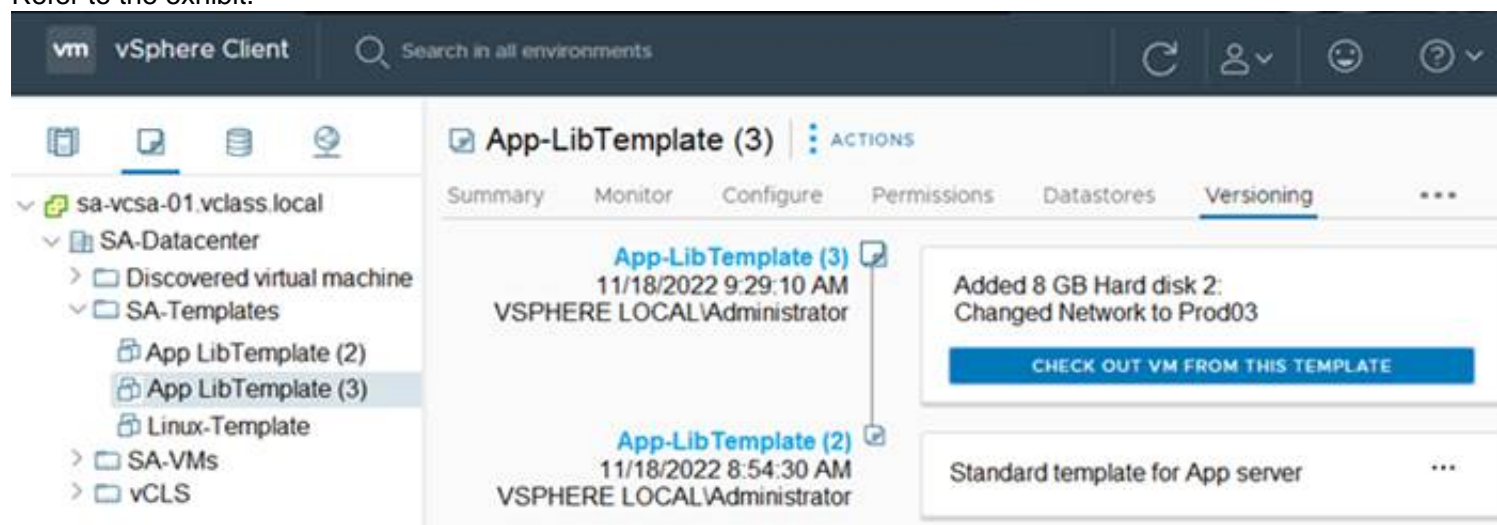
The firmware and drivers add-on is a special type of vendor add-on designed to assist in the firmware update process. The firmware and drivers add-on contains firmware for a specific server type and corresponding drivers. To add a firmware and drivers add-on to your image, you must install the hardware support manager plug-in provided by the hardware vendor for the hosts in the respective cluster.

Independent components

The component is the smallest discrete unit in an image. The independent components that you add to an image contain third-party software, for example drivers or adapters.

NEW QUESTION 18

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 21

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 26

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 31

An administrator is preparing for a deployment of a new vCenter Server Appliance. The following information has been provided to complete the deployment:

- ESXi Host name (FQDN): esx01.corp.local . ESXi IP Address: 172.20.10.200
- vCenter Server Name (FQDN): vcasa01.corp.local
- vCenter Server IP Address: 172.20.10.100
- NTP Server: 172.20.10.20
- DNS Server: 172.20.10.1
- Deployment Size: Tiny
- Storage Size: Default

Which two actions must the administrator complete before starting the installation of the vCenter Server Appliance? (Choose two.)

- A. Create a DNS CNAME record for the vCenter Server (vcasa01.corp.local)
- B. Create a DNS CNAME record for the ESXi Host server (esx01.corp.local)
- C. Create a reverse DNS A record for the vCenter Server (vcasa01).
- D. Create a reverse DNS A record for the ESXi Host server (esx01)
- E. Create a forward DNS A record for the vCenter Server (vcasa01).

Answer: CE

Explanation:

The administrator must create a forward DNS A record for the vCenter Server (vcsa01), which maps the FQDN of the vCenter Server to its IP address. The administrator must also create a reverse DNS A record for the ESXi Host server (esx01), which maps the IP address of the ESXi Host to its FQDN. These DNS records are required for name resolution and certificate validation during the deployment of the vCenter Server Appliance. References:

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

<https://docs.vmware.com/en/VMware-vSphere/8.0/vsphere-vcenter-upgrade/GUID-752FCA83-1A9B-499E-9C6> If you plan to use an FQDN for the appliance system name, you must verify that the FQDN is resolvable by a DNS server, by adding forward and reverse DNS A records.

NEW QUESTION 34

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:

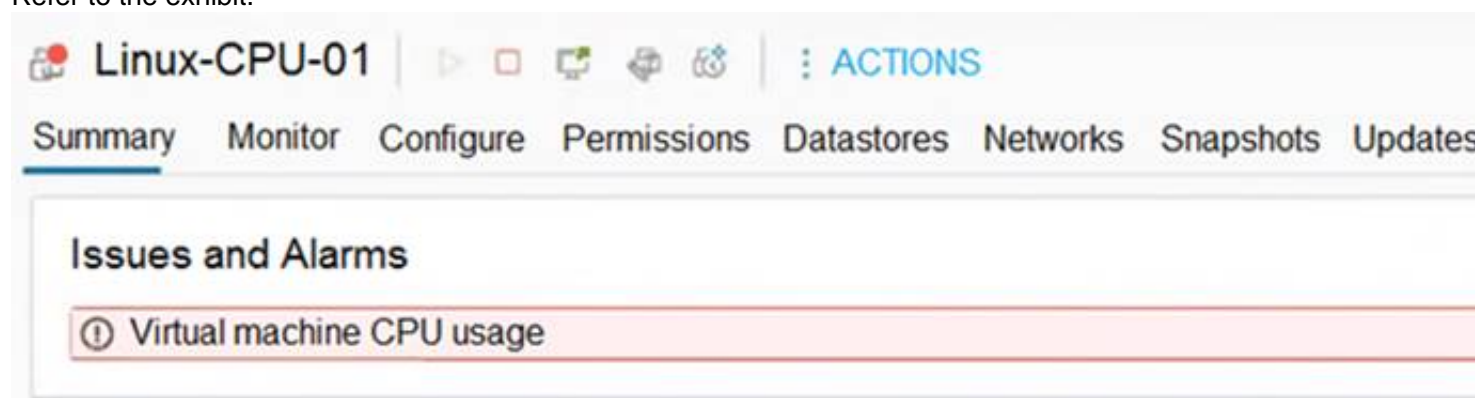
When configuring vCenter High Availability (HA), two of the requirements for the active, passive, and witness nodes are that network latency must be less than 10 milliseconds, which ensures reliable communication between them; and they must have a minimum of a 1 Gbps network adapter, which provides sufficient 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 39

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 44

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

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

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

Answer: AE

Explanation:

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

References:

https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.vm_admin.doc/GUID-FBEED81C-F9D

NEW QUESTION 49

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 51

An administrator remotely deploys VMware ESXi using an out of band management connection and now needs to complete the configuration of the management network so that the host is accessible through the vSphere Host Client.

The following information has been provided to complete the configuration:

- Host FQDN esxi01corp.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

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 four high level tasks should the administrator complete in the Direct Console User Interface (DCUI) in order to meet the requirements and successfully log into the vSphere Host Client? (Choose four.)

- A. Set the value of the VMware ESXi Management Network VLAN ID to 10
- B. Configure at least two network adapters for the VMware ESXi Management Network
- C. Update the VMware ESXi Management Network IPv4 configuration to use a static IPv4 address
- D. Create a DNS A Record for the VMware ESXi host on the corporate DNS servers
- E. Disable IPv6 for the VMware ESXi Management Network
- F. Restore the original Management vSphere Standard Switch.
- G. Update the VMware ESXi Management Network DNS configuration to use the corporate DNS serversfor ' names resolution

Answer: ABCD

NEW QUESTION 52

An administrator is tasked with implementing a backup solution capable of backing up the Su-pervisor 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 56

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 61

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 65

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 69

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 70

administrator successfully installs VMware ESXi onto the first host of a new vSphere duster 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: esxi 101. 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 the vSphrs Host Client using the FQDN for the exxi101 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 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: 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 74

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 75

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 78

An administrator is configuring vSphere Lifecycle Manager to install patches to a vSphere cluster. The cluster runs workload virtual machines (VMs) that are incompatible with vSphere vMotion, and therefore cannot be live migrated between hosts during the installation of the patches.

Which configuration in vSphere Lifecycle Manager will allow the administrator to reduce the downtime associated with the patching operation without migrating the VMs?

- A. Enable Distributed Power Management (DPM) and set the VM power state to the suspend to disk option
- B. Enable Quick Boot and set the VM power state to the suspend to disk option
- C. Enable vSphere High Availability (HA) admission control and set the VM power state to the suspend to memory option
- D. Enable Quick Boot and set the VM power state to the suspend to memory option

Answer: D

Explanation:

<https://docs.vmware.com/en/VMware-vSphere/8.0/vsphere-lifecycle-manager/GUID-06A5D316-9452-4A5D-A> The administrator should enable Quick Boot and set the VM power state to the suspend to memory option, which will allow the administrator to reduce the downtime associated with the patching operation without migrating the VMs. Quick Boot is a feature that skips the hardware initialization phase during host reboot, which reduces the system boot time. Suspend to memory is an option that preserves the state of the VMs in the host memory and restores them from memory after the reboot, which minimizes the VM downtime. These two features work together to optimize the remediation process and speed up the patching operation. References: <https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere-lifecycle-manager.doc/GUID-5AF3C6>

NEW QUESTION 80

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 85

An administrator has Windows virtual machines (VMs) and VMware Tools is installed in each VM. The administrator performs a status check of VMware Tools using vSphere Lifecycle Manager.

What is the VMware Tools status for the Windows VMs if the version of VMware Tools has a known problem and must be immediately upgraded?

- A. Version Unsupported
- B. Guest Managed
- C. Unknown
- D. Upgrade Available

Answer: A

Explanation:

If VMware Tools has a known problem, the tools status will be Version Unsupported <https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere-lifecycle-manager.doc/GUID-12649CB>

NEW QUESTION 88

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 93

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 95

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 96

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