

VMware

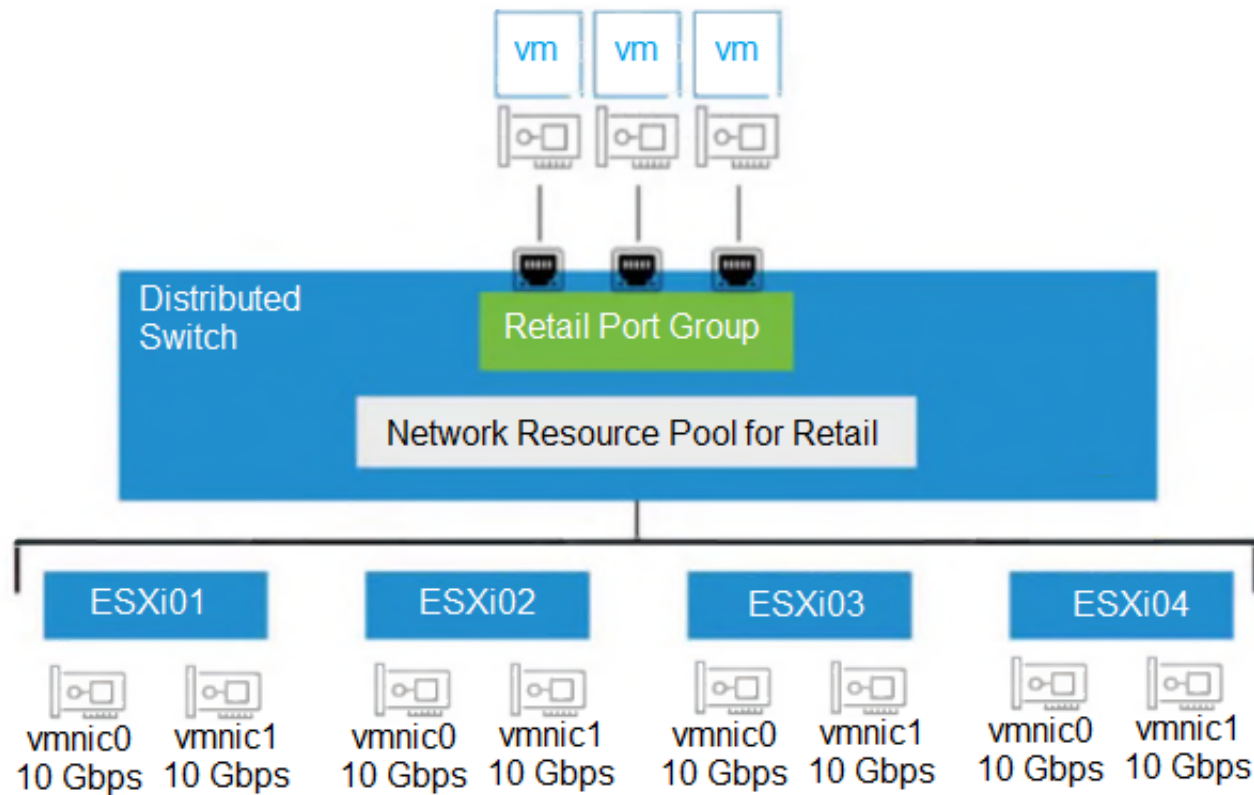
Exam Questions 2V0-21.23

VMware vSphere 8.x Professional



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:

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

NEW QUESTION 2

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 3

An administrator is tasked with looking into the disaster recovery options for protecting a database server using VMware vSphere Replication.

The following requirements must be met:

- The virtual machine must remain online during the protection.
- The virtual machine's snapshots must be used as part of the replication process. Which step must the administrator complete to accomplish this task?

- A. Configure the virtual machine storage policy.
- B. Enable guest OS VSS quiescing for this virtual machine.
- C. Perform a full initial synchronization of the source virtual machine to the target location.
- D. Configure network traffic isolation for vSphere Replication.

Answer: C

Explanation:

<https://docs.vmware.com/en/vSphere-Replication/8.7/com.vmware.vsphere.replication-admin.doc/GUID-C2493>

NEW QUESTION 4

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 5

An administrator is tasked with implementing a backup solution capable of backing up the Supervisor cluster, vSphere Pods, and persistent volumes. Which two solutions must be used to meet this requirement? (Choose two.)

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

Answer: BE

NEW QUESTION 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 deploying a new all flash vSAN cluster based on the vSAN Original Storage Architecture (OSA). What is the minimum supported network throughput in Gb/s for each host?

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

Answer: B

Explanation:

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

References:

<https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.vsan-planning.doc/GUID-FCEA0CDD>

vSAN Express Storage Architecture (ESA) are only supported with 25Gbps and higher connection speeds.

ESA ReadyNodes configured for vSAN ESA will be configured with 25/50/100Gbps NICs. vSAN OSA

all-flash configurations are only supported with a 10Gb or higher connections. One reason for this is that the improved performance with an all-flash configuration may consume more network bandwidth between the hosts to gain higher throughput. <https://core.vmware.com/resource/vmware-vsan-design-guide#sec6815-sub3>

NEW QUESTION 8

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

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

Answer: ACE

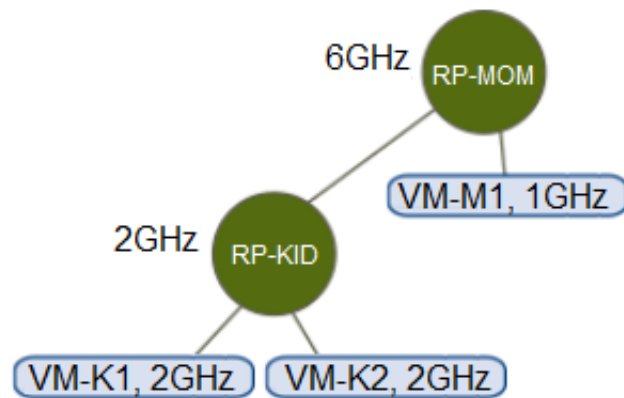
Explanation:

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

hypervisor mechanisms. Option D is incorrect because Fault Tolerance is not supported for Windows-based virtual machines when enabling vSphere's virtualization-based security feature, as this feature requires identical execution states for primary and secondary virtual machines that cannot be guaranteed by hypervisor mechanisms. Option F is incorrect because Hot Add of CPU or memory is not supported for Windows-based virtual machines when enabling vSphere's virtualization-based security feature, as this feature requires dynamic changes to virtual hardware configuration that cannot be handled by hypervisor mechanisms. References: <https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.security.doc/GUID-A2A4371A-B888>

NEW QUESTION 9

Refer to Exhibit:



An environment has the following configuration:

- Resource Pool "RP-MOM" has a reservation of 6GHz and one running virtual machine (VM) "VM-M1" with 1 GHz reserved

- Resource Pool "RP-KID" has a reservation of 2GHz, and expandable reservations is activated

The administrator creates two VMs, "VM-K1" and "VM-K2", in the "RP-KID" resource pool with 2GHz reserved for each, and turns on "VM-M1".

Given this scenario, which statement is true?

- A. The administrator must deactivate expandable reservations to turn on VM-K2
- B. The administrator can create a third VM (VM-K3) at RP-KID and reserve 6GHz
- C. VM-K2 can be powered on because it can get the resources needed from RP-MOM.
- D. VM-K2 cannot be powered on because there are not enough resources in RP-KID.

Answer: C

Explanation:

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

NEW QUESTION 10

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 10

If a distributed switch uses the "Route based on physical NIC load" load balancing algorithm, what does the mean send or receive utilization of an uplink need to exceed for the flow of traffic to move to the second uplink?

- A. 75 percent of the capacity over a 30 second period
- B. 60 percent of the capacity over a 30 second period
- C. 60 percent of the capacity over a 40 second period
- D. 75 percent of the capacity over a 40 second period

Answer: A

Explanation:

The distributed switch calculates uplinks for virtual machines by taking their port ID and the number of uplinks in the NIC team. The distributed switch tests the uplinks every 30 seconds, and if their load exceeds 75 percent of usage, the port ID of the virtual machine with the highest I/O is moved to a different uplink.

<https://docs.vmware.com/en/VMware-vSphere/8.0/vsphere-networking/GUID-959E1CFE-2AE4-4A67-B4D4-2>

NEW QUESTION 12

An administrator is tasked with configuring remote direct memory access (RDMA) over Converged Ethernet v2 (RoCE v2).

Which two types of adapters must the administrator configure? (Choose two.)

- A. Paravirtual RDMA adapter
- B. RDMA network adapter
- C. Software iSCSi adapter

- D. Fibre Channel over Ethernet (FCoE) adapter
- E. Software NVMe over RDMA storage adapter

Answer: BD

Explanation:

ESXi 7 and later supports RoCE v2 technology, which enables RDMA over an Ethernet network. Hosts use an RDMA network adapter installed on the host and a software NVMe over RDMA storage adapter.

<https://docs.vmware.com/en/VMware-vSphere/8.0/vsphere-storage/GUID-F4B42510-9E6D-4446-816A-501286>

NEW QUESTION 14

The vCenter inventory contains a virtual machine (VM) template called Linux-01. The administrator wants to install a software patch into Linux-01 while allowing users to continue to access Linux-01 to deploy VMs. Which series of steps should the administrator take to accomplish this task?

- A. * 1. Verify that Linux-01 is in a content library* 2. Clone Linux-01* 3. Convert the clone to a VM* 4. Install the software patch.
- B. * 1. Convert Linux-01 to a VM * 2 Install the software patch* 3 Convert the VM back to a VM template * 4 Add Linux-01 to the content library.
- C. * 1. Verify that Linux-01 is in a content library* 2. Checkout Linux-01* 3. Install the software patch * 4.Check in Linux-01
- D. * 1. Clone Linux-01.* 2. Convert the clone to a VM* 3. Install the software patch.* 4. Convert the VM back to a template.

Answer: C

Explanation:

The administrator should clone Linux-01, which creates a copy of the virtual machine template. The administrator should then convert the clone to a VM, which allows the administrator to power on and modify the virtual machine. The administrator should then install the software patch on the VM, which updates the application. The administrator should then convert the VM back to a template, which preserves the changes made to the VM and allows users to deploy VMs from it. References:

https://docs.vmware.com/en/VMware-vSphere/8.0/com.vmware.vsphere.vm_admin.doc/GUID-E8E854DD-AA

NEW QUESTION 16

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

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

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

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

Answer: B

Explanation:

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

NEW QUESTION 19

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 23

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 28

Which two datastore types store the components of a virtual machine as a set of objects? (Choose two.)

- A. VMware Virtual Machine File System (VMFS)
- B. VMware vSAN
- C. Network File System (NFS) 3
- D. vSphere Virtual Volumes (vVols)
- E. Network File System (NFS) 4.1

Answer: BD

Explanation:

Option B and D are correct because they are the datastore types that store the components of a virtual machine as a set of objects, which are logical containers that abstract physical storage resources. Option A, C and E are incorrect because they are the datastore types that store the components of a virtual machine as a set of files, which are stored on a file system that resides on a physical storage device. References: <https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.storage.doc/GUID-9F9E3F8C-0E2B-4>

NEW QUESTION 31

An administrator wants to use tag-based placement rules on their virtual machine disks using VMware vCenter. Which option would allow the administrator to achieve this?

- A. Storage Policy Based Management
- B. Storage I/O Control
- C. vSphere Storage APIs for Storage Awareness (VASA)
- D. vSphere Distributed Resource Scheduler (DRS)

Answer: A

Explanation:

<https://vnote42.net/2020/01/15/vcenter-tag-based-vm-placement/>

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 41

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 46

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 51

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 55

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

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

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

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

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

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

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

Answer: ACE

NEW QUESTION 60

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

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

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

Answer: A

Explanation:

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

NEW QUESTION 63

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.

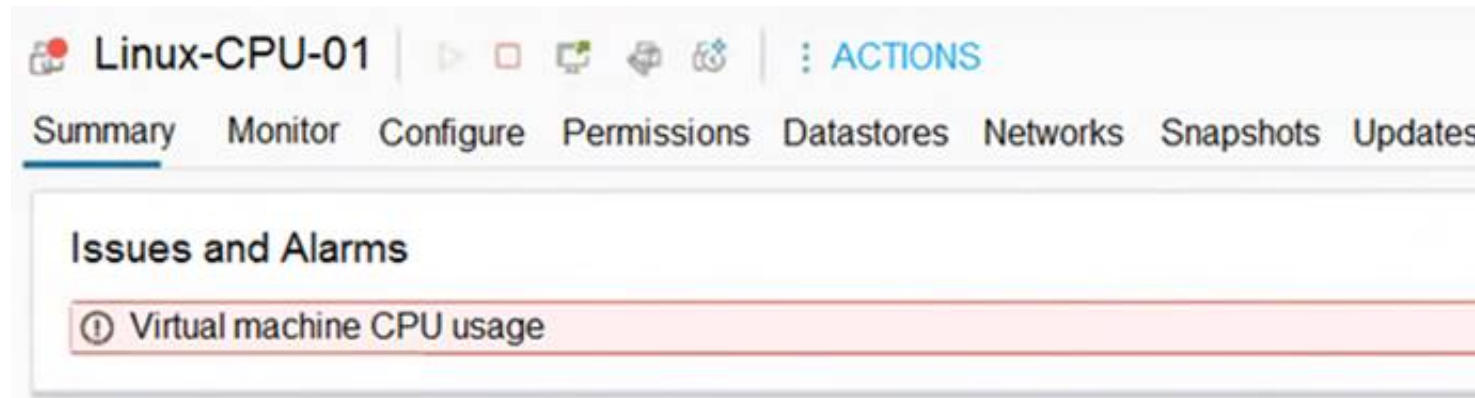
Answer: B

Explanation:

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

NEW QUESTION 64

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 67

An administrator plans to update the Supervisor cluster and has noticed some of the Tanzu Kubernetes Grid clusters are running an incompatible version. Which action must the administrator take before proceeding with the Supervisor cluster update?

- A. Update all Tanzu Kubernetes Grid clusters to the latest version prior to the Supervisor cluster update.
- B. No action is needed - Tanzu Kubernetes Grid clusters will be updated automatically as part of the update process.
- C. No action is needed - Incompatible Tanzu Kubernetes Grid clusters can be manually updated after the Supervisor cluster update.
- D. Update incompatible Tanzu Kubernetes Grid clusters prior to the Supervisor cluster update.

Answer: D

Explanation:

Option D is correct because it indicates that the administrator must update incompatible Tanzu Kubernetes Grid clusters prior to the Supervisor cluster update, as this will ensure that there are no compatibility issues or disruptions during or after the update process. Option A is incorrect because it is not necessary to update all Tanzu Kubernetes Grid clusters to the latest version prior to the Supervisor cluster update, as some clusters may already be compatible with the new version. Option B is incorrect because Tanzu Kubernetes Grid clusters will not be updated automatically as part of the update process, as they require manual intervention from the administrator. Option C is incorrect because incompatible Tanzu Kubernetes Grid clusters cannot be manually updated after the Supervisor cluster update, as they may become inaccessible or unstable due to compatibility issues. References:

<https://docs.vmware.com/en/VMware-vSphere/7.0/vmware-vsphere-with-tanzu/GUID-9F9E3F8C-0E2B-4B6A>

<https://docs.vmware.com/en/VMware-vSphere/8.0/vsphere-with-tanzu-maintenance/GUID-292482C2-A5FA-44> If a Tanzu Kubernetes Grid cluster is incompatible with vSphere 8, upgrade the cluster before proceeding with the system upgrade.

NEW QUESTION 68

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

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

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

Answer: ADEG

Explanation:

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

References:

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

NEW QUESTION 69

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

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

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

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

Answer: AB

Explanation:

https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.vm_admin.doc/GUID-3E1BB630-9223

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 72

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 74

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 77

What is the role of vSphere Distributed Services Engine?

- A. Provide a live shadow Instance of a virtual machine (VM) that mirror, the primary VM to prevent data loss and downtime during outages
- B. Implement Quality of Service (QoS) on network traffic within a vSphere Distributed Switch
- C. Provide hardware accelerated data processing to boost infrastructure performance
- D. Redistribute virtual machines across vSphere cluster host affinity rules following host failures or during maintenance operations

Answer: C

Explanation:

The role of vSphere Distributed Services Engine is to provide hardware accelerated data processing to boost infrastructure performance by offloading network services from the CPU to the DPU.

References: <https://core.vmware.com/resource/whats-new-vsphere-8>

NEW QUESTION 79

An administrator is investigating user logon failures for a VMware vCenter instance

Where can the administrator find log files containing information related to user login activities?

- A. On the vCenter Management Interface
- B. On the ESXi host using the Direct Console User Interface (@)
- C. On the vCenter Server Appliance
- D. In the vSphere Client when viewing the vCenter virtual machine

Answer: C

Explanation:

The administrator can find log files containing information related to user login activities on the vCenter Server Appliance, which is a preconfigured Linux-based virtual machine that runs all vCenter Server services. The log files are located in /var/log/vmware/vmware-vpx/vpxd.log and /var/log/vmware/sso/ssoAdminServer.log directories. References:

<https://docs.vmware.com/en/VMware-vSphere/8.0/com.vmware.vsphere.troubleshooting.doc/GUID-5F9A7E49>

NEW QUESTION 83

Following a merger with another company, an administrator is tasked with configuring an identity source for VMware vCenter so that all vSphere administrators can authenticate using their existing Active Directory accounts. Each company has user accounts in their own Active Directory forests.

The following additional information has been provided:

- The corporate policy states that only Windows-based machine accounts are allowed in Active Directory. Which action should the administrator take to configure vCenter Single Sign-On (SSO) to meet this requirement?

- A. Configure SSO to use Active Directory over LDAP as the identity source.
- B. Configure SSO to use OpenLDAP as the identity source.
- C. Join the vCenter Server Appliance to the LDAP domain.
- D. Configure SSO to use Active Directory (Integrated Windows Authentication) as the identity source.

Answer: A

Explanation:

Integrated Windows Authentication is now depreciated (from v7). "The Active Directory over LDAP identity source is preferred over the Active Directory (Integrated Windows Authentication) option." <https://kb.vmware.com/s/article/78506>

NEW QUESTION 88

A VMkernel port is labelled PROD01 and uses the default TCP/IP stack. Currently, this VMkernel port is configured for supporting live virtual machine (VM) migrations.

Which configuration change should the administrator make to isolate live VM migration traffic from other network traffic?

- A. Remove PROD01 and create a new VMkernel port and set the TCP/IP stack to vSphere vMotion.
- B. Remove PROD01 and create a new VMkernel port with the TCP/IP stack set to provisioning.
- C. Create a new VMkernel port and set the TCP/IP stack to provisioning.
- D. Modify PROD01 by changing the TCP/IP stack to vSphere vMotion.

Answer: A

Explanation:

Select a TCP/IP stack from the list. Once you set a TCP/IP stack for the VMkernel adapter, you cannot change it later. If you select the vMotion or the Provisioning TCP/IP stack, you will be able to use only these stacks to handle vMotion or Provisioning traffic on the host. All VMkernel adapters for vMotion on the default TCP/IP stack are disabled for future vMotion sessions. If you set the Provisioning TCP/IP stack, VMkernel adapters on the default TCP/IP stack are disabled for operations that include Provisioning traffic, such as virtual machine cold migration, cloning, and snapshot migration.

<https://docs.vmware.com/en/VMware-vSphere/8.0/vsphere-networking/GUID-AA3656B0-005A-40A0-A293-43>

NEW QUESTION 90

An administrator is tasked with applying updates to a vSphere cluster running vSAN using vSphere Lifecycle Manager. Downtime to the ESXI hosts must be minimal while the work is completed.

The administrator has already completed the following steps and no errors have been returned:

- Downloaded all applicable software and created a new Image
- Attached the new Image to the cluster and run a compliance check against the Image for the cluster
- Ran a remediation pre-check for the cluster

Which two series of steps should the administrator perform to start the remediation of the cluster using the new image? (Choose two.)

- A. * 1. Use the Remediate option in vSphere Lifecycle Manager to remediate all of the ESXi hosts in the cluster in parallel.* 2. Allow vSphere Lifecycle Manager to automatically control maintenance mode on the ESXi hosts.
- B. * 1. Place each of the ESXi hosts into maintenance mode manually.* 2. Use the Stage option in vSphere Lifecycle Manager to stage the required software on all ESXi hosts one at a time.
- C. * 1. Leave all ESXi hosts in the cluster operational.* 2. Use the Stage All option in vSphere Lifecycle Manager to stage the required software onto all ESXi hosts one at a time.
- D. * 1. Leave all ESXi hosts in the cluster operational* 2. Use the Stage All option in vSphere Lifecycle Manager to stage the required software onto all ESXi hosts in the cluster in parallel.
- E. * 1. Use the Remediate Option in vSphere Lifecycle Manager to remediate all of the ESXi hosts in the cluster in sequence.* 2. Allow vSphere Lifecycle Manager to automatically control maintenance mode on the ESXi hosts

Answer: AD

Explanation:

Option A and D are correct because they allow vSphere Lifecycle Manager to automatically control maintenance mode on the ESXi hosts and remediate them in parallel or in sequence. Option B and C are incorrect because they require manual intervention to place the hosts into maintenance mode or to stage the software on each host, which is not efficient or minimal downtime. References: <https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere-lifecycle-manager.doc/GUID-9F9E3F8>

NEW QUESTION 93

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 95

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 98

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 102

An administrator is tasked with adding two additional hosts into an existing production vSphere cluster to support the need for additional capacity. The vSphere cluster currently has four identically configured ESXi hosts (esx01, esx02, esx03 and esx04) that utilize Intel Skylake-based CPUs. The two new hosts (esx05 and esx06) are configured identically in terms of memory and storage to the existing hosts: but utilize Intel Ice Lake-based CPUs. The administrator must ensure that:

- Any virtual machine migrates to any of the six ESXi hosts running in the cluster.
- There is no virtual machine downtime during the process of adding the new hosts. Which step should the administrator take to meet these requirements?

- A. Create a new vSphere cluster with Enhanced vMotion Compatibility (EVC) enabled and move all hosts into A' the new cluster
- B. Create a new vSphere cluster and move only three hosts into the new cluster.
- C. Configure Enhanced vMotion Compatibility (EVC) mode on the existing cluster and add the two new hosts into the cluster.
- D. Create a new vSphere cluster with vSphere High Availability (HA) enabled and move all hosts into the new cluster

Answer: C

Explanation:

The step that the administrator should take to meet these requirements is to configure Enhanced vMotion Compatibility (EVC) mode on the existing cluster and add the two new hosts into the cluster. EVC mode allows migration of virtual machines between different generations of CPUs by masking unsupported processor features. EVC mode can be enabled on an existing cluster without affecting powered-on virtual machines. References:
<https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.vcenterhost.doc/GUID-9F444D9B-44A>
<https://blogs.vmware.com/vsphere/2019/06/enhanced-vmotion-compatibility-evc-explained.html>

NEW QUESTION 104

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 107

.....

Thank You for Trying Our Product

We offer two products:

1st - We have Practice Tests Software with Actual Exam Questions

2nd - Questions and Answers in PDF Format

2V0-21.23 Practice Exam Features:

- * 2V0-21.23 Questions and Answers Updated Frequently
- * 2V0-21.23 Practice Questions Verified by Expert Senior Certified Staff
- * 2V0-21.23 Most Realistic Questions that Guarantee you a Pass on Your FirstTry
- * 2V0-21.23 Practice Test Questions in Multiple Choice Formats and Updatesfor 1 Year

100% Actual & Verified — Instant Download, Please Click
[Order The 2V0-21.23 Practice Test Here](#)