Exam Questions 2V0-21.23

VMware vSphere 8.x Professional

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

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 inventor
C. Clone the template to the content library.
D. Export a VM in the vCenter inventory to an OVF templat
E. Import the OVF template into the content library.
F. Convert a VM to a template in the vCenter inventory.Clone the template to the content library.

Answer: A

Explanation:
Option A is correct because it allows the administrator to clone a VM to the content library as a VM template type, which can be used to create and manage different versions of these templates in the content library. Option B is incorrect because it requires the administrator to convert a VM to a template in the vCenter inventory first, which is an extra step. Option C is incorrect because it requires the administrator to export a VM to an OVF template and import it into the content library, which are extra steps. Option D is incorrect because it requires the administrator to convert a VM to a template in the vCenter inventory and clone it to the content library, which are extra steps. References:
https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.vm_admin.doc/GUID-9F9E3F8C-0E2

NEW QUESTION 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
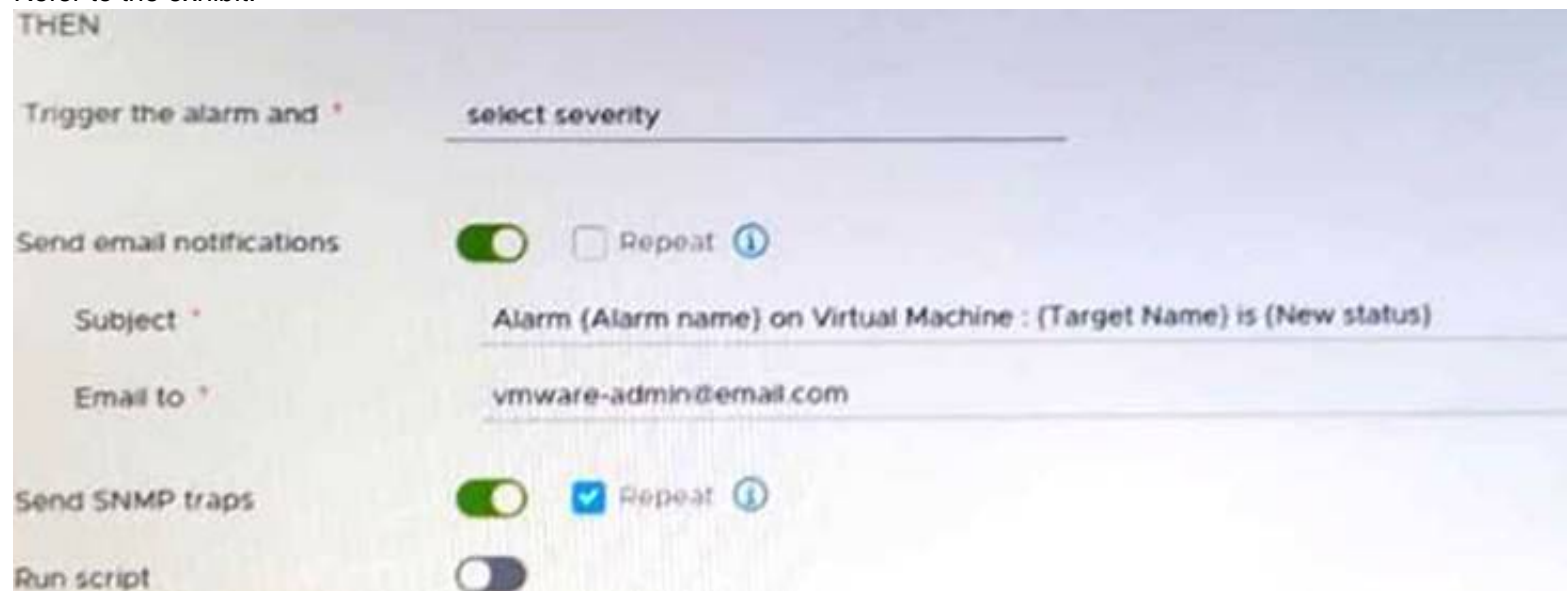
Answer: D

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
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 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 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 6
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 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
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 10
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 10
An administrator is investigating reports of users experiencing difficulties logging into a VMware vCenter instance using LDAP accounts.
Which service should the administrator check as part of troubleshooting?

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

Answer: C

Explanation:
Identity Management Service is the service that handles authentication requests from LDAP accounts and other identity sources in vCenter Server.
References:
https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vcenter.install.doc/GUID-FE1D5F2E-E3AC-4D

NEW QUESTION 11
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 14
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. VMwere 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 15
An administrator is tasked with allowing a single user the ability to take snapshots on a virtual machine. When looking in vCenter, the administrator can see that there are already users and groups assigned permissions on the virtual machine as follows:
•The group VMJJsers has the Virtual Machine Power User role.
•The group VM_Viewers has the Read Only role.
The administrator confirms that the user requesting the additional access is currently one of five members of the VM_Viewers group
Which two steps should the administrator take to grant this user the additional access required without impacting the user access of others? (Choose two.)

A. Add the user to the VM_Users group and leave the permissions on the virtual machine object unchanged
B. Add a new permission on the virtual machine object selecting the user and the new custom role.
C. Edit the Read Only role to add the Virtual Machine Snapshot Management privileges.
D. Create a new custom role with the Virtual Machine Snapshot Management privileges.
E. new permission on the virtual machine object selecting the VM_Viewers group and the new custom

Answer: BD

Explanation:
The administrator should create a new custom role with the Virtual Machine Snapshot Management privileges, which allows the user to create, delete and revert snapshots. The administrator should then add a new permission on the virtual machine object selecting the user and the new custom role, which grants the user the additional access required without affecting other users or groups. References: https://docs.vmware.com/en/VMware-vSphere/8.0/com.vmware.vsphere.security.doc/GUID-93B962A7-93FA-4

NEW QUESTION 20
Which step is completed during Stage 1 of the vCenter Server Appliance deployment?

A. Join a vCenter Single Sign-On domain
B. Create a new vCenter Single Sign-On domain
C. Select the deployment size
D. Configure SSH access

Answer: C

Explanation:
The minimum network throughput in Gb/s for vSAN using the Express Storage Architecture (ESA) is 1 Gb/s, which is the minimum requirement for vSAN network adapters. However, VMware recommends using 10 Gb/s or higher for better performance and reliability. References:
https://docs.vmware.com/en/VMware-vSphere/8.0/com.vmware.vsphere.vsan-planning.doc/GUID-9F1D4A3B
https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vcenter.install.doc/GUID-1E39EF05-1DD7-4E https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vcenter.install.doc/GUID-1E39EF05-1DD7-4E

NEW QUESTION 22
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
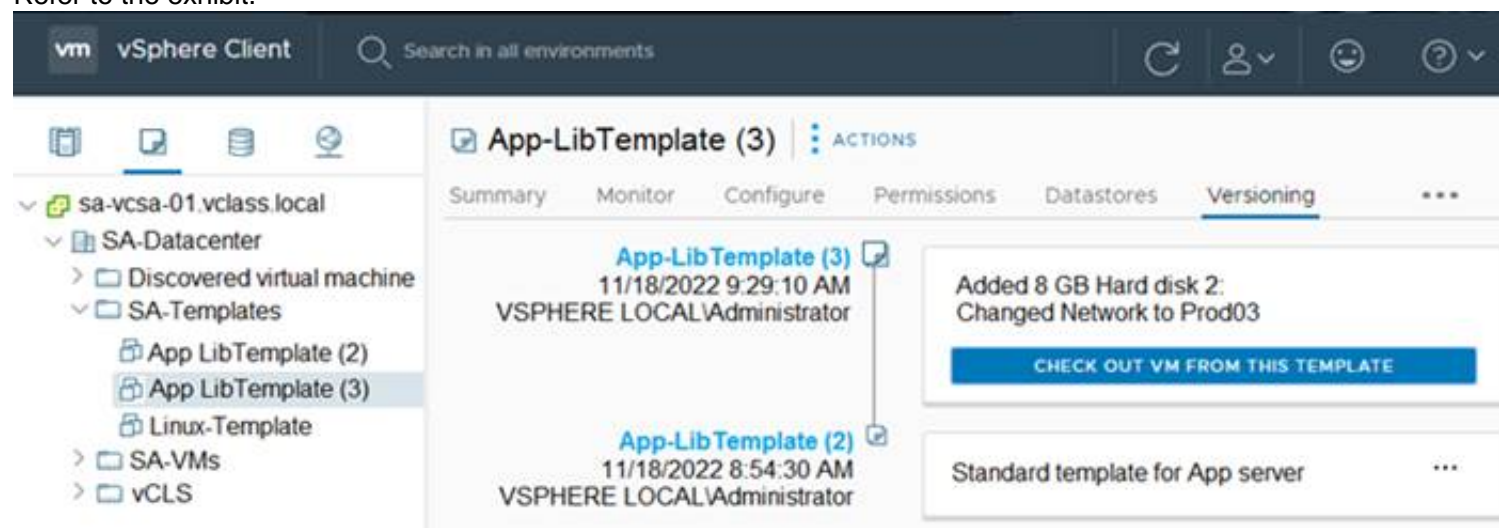D. vSphere Virtual Volumes (vVols)
E. Network File System (NFS) 4.1

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 27
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-LibTernplate (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 29
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 30
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 31
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 34
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 39
After a number of outages within a production VMware software-defined data center, an administrator is tasked with identifying a solution to meet the following requirements:
• Reduce the risk of outages by proactively identifying issues with the environment and resolving them.
• Reduce the complexity of uploading log bundles when raising support tickets.
Which solution should the administrator recommend to meet these requirements?

A. VMware Aria Operations for Logs
B. VMware Skyline Advisor Pro
C. VMware Skyline Health
D. VMware Aria Operations

Answer: B

Explanation:
Skyline Advisor Pro is a self-service web application that enables you to receive proactive intelligence with new insights, accelerated analysis, and simplified design, within a web browser. To activate Skyline Advisor Pro, upgrade your Skyline Collector to Skyline Collector 3.0 or later versions.
The solution that should be recommended to reduce the risk of outages by proactively identifying and resolving issues with the environment and reducing the complexity of uploading log bundles is VMware Skyline Health, which provides automated support and proactive recommendations for vSphere.

NEW QUESTION 41
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 45

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 47
An administrator needs to create affinity rules for the following vSphere cluster setup:
•The cluster contains two virtual machines (VMs) named app01 and app02.
•The cluster contains six hosts named esx11 through esx16.
•The app01 and app02 VMs run software that is licensed to run only on esx11, esx12, or esx13.
•vSphere Distributed Resource Scheduler (DRS) is configured
Which set of steps must the administrator perform to ensure that the licensing requirements are met for app01 and app02?

A. * 1. Add all the hosts to a host group.* 2. Create a VM-VM anti-affinity rule for app01 and app02
B. 1. Add the esx11 - esx13 hosts to a host group* 2. Create a VM-VM affinity rule for app01 and app02
C. * 1 Add the VMs to a VM group and the esx11 - esx13 hosts to a host group.* 2 Create a VM-Host required rule between the VM group and the host group.
D. * 1. Add the VMs to a VM group and the esx11 - esx13 hosts to a host group.* 2. Create a VM-Host preferential rule between the VM group and the host group

Answer: C

Explanation:
Add the VMs to a VM group and the esx11 - esx13 hosts to a host group, which allows the administrator to group together virtual machines or hosts that share common characteristics or requirements.
https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.resmgmt.doc/GUID-0591F865-91B5-4

NEW QUESTION 51
Which feature would allow for the non-disruptive migration of a virtual machine between two clusters in a single VMware vCenter instance?

A. vSphere vMotion
B. Cross vCenter Migration
C. vSphere Storage vMotion
D. vSphere Fault Tolerance

Answer: A

Explanation:
vSphere vMotion allows for the non-disruptive migration of a virtual machine between two clusters in a single vCenter instance, as long as there is shared storage and network connectivity between the clusters.
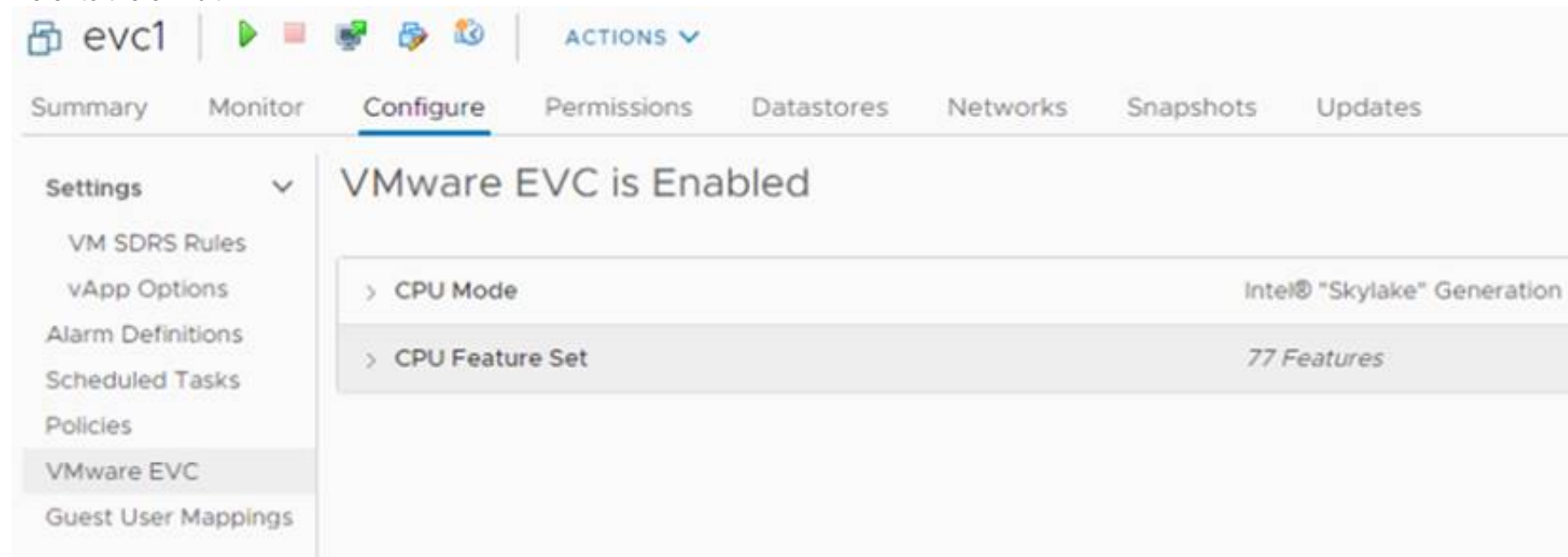References:
https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.vcenterhost.doc/GUID-3B41119A-127
vMotion is used to move the VM to a different cluster within the same vCenter. This only works if both clusters share the same storage. If they don't you also need to perform a Storage vMotion. Cross vCenter Migration is only used to migrate to a different vCenter.

NEW QUESTION 56
Refer to the exhibit.

An administrator is tasked with adding new capacity to an existing software-defined data center (SDDC).
• The SDDC currently hosts two vSphere clusters (ClusterA and ClusterB) with different CPU compatibilities.
• vSphere vMotion and vSphere Distributed Resource Scheduler (DRS) are currently in use in the SDDC.
• The new capacity will be implemented by provisioning four ESXi hosts running a new generation of Intel Skylake CPUs.
• All workload virtual machines (VMs) must support live migration to any cluster in the SDDC.
The administrator noticed the running critical "ever virtual machine (VM) shown in the exhibit is not migrating using vSphere vMotion to the original Clusters A or B.
Which three steps must the administrator take to support this functionality? (Choose three.)

A. Power on the VM.
B. Disable the Enhanced vMotion Compatibility (EVC) on the VM.
C. Reboot the VM.
D. Configure the Enhanced vMotion Compatibility (EVC) on vSphere Cluster A and B to support Intel Skylake.
E. Power off the VM.
F. Configure the Enhanced vMotion Compatibility (EVC) on the VM to Intel Skylake.

Answer: ADE

NEW QUESTION 57
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): esxOl.corp local . ESXi IP Address: 172.20.10.200
•vCenter Server Name (FQDN): vcsa01 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 (vcsa01.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 (vcsa01).
D. Create a reverse DNS A record for the ESXi Host server (esx01)
E. Create a forward DNS A record for the vCenter Server (vcsa01).
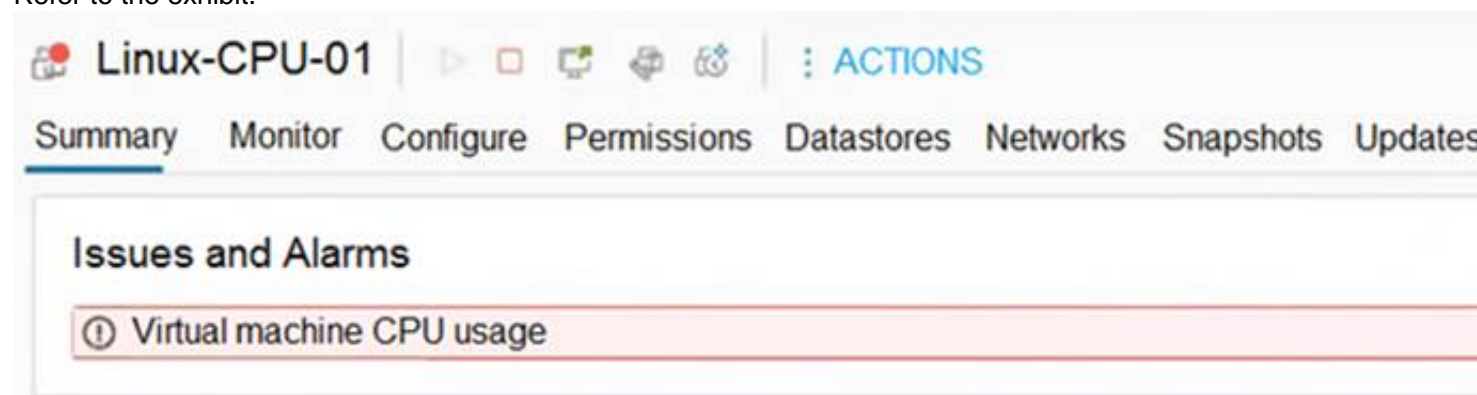
Answer: CE

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 61
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 65
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 68
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 69
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 74
An administrator needs to consolidate a number of physical servers by migrating the workloads to a software-defined data center solution.
Which VMware solution should the administrator recommend?

A. VMware Horizon
B. VMware vSAN
C. VMware vSphere
D. VMware

Answer: C

Explanation:
Option C is correct because VMware vSphere is the solution that provides a software-defined data center platform that can consolidate physical servers by migrating the workloads to virtual machines. Option A is incorrect because VMware Horizon is a solution for virtual desktop infrastructure (VDI) and application delivery. Option B is incorrect because VMware vSAN is a solution for software-defined storage that is integrated with vSphere. Option D is incorrect because VMware NSX is a solution for software-defined networking that is integrated with vSphere. References: https://www.vmware.com/products/vsphere.html

NEW QUESTION 78
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 81
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 83
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 88
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 90
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 91
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 94
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 99
A vSphere cluster hosts a three-tier application. The cluster has 50% resources available. If a host in the cluster fails, the database server must be online before the application server, and the application server must be online before the Web server.
Which feature can be used to meet these requirements?

A. Predictive DRS
B. vSphere HA Orchestrated Restart
C. vSphere HA Restart Priority
D. Proactive HA

Answer: B

Explanation:
https://www.vladan.fr/what-is-vmware-orchestrated-restart/

NEW QUESTION 103
An administrator needs to provide encryption for workloads within an existing vSphere cluster. The following requirements must be met:
• Workloads should be encrypted at rest.
• Encrypted workloads must automatically be encrypted during transit.
• Encryption should not require any specific hardware.
What should the administrator configure to meet these requirements?

A. Encrypted vSphere vMotion
B. Unified Extensible Firmware Interface (UEFI) Secure Boot
C. Host Encryption
D. VM Encryption

Answer: D

Explanation:
The feature that should be configured to provide encryption for workloads within an existing vSphere cluster without requiring any specific hardware is VM Encryption, which allows encrypting VMs at rest and during vMotion.
References:
https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.security.doc/GUID-F8F105EC-A6EA

NEW QUESTION 106
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 108
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 111
An administrator needs to update a VMware vCenter instance to a newer minor release version. Due to restrictions within the environment, the vCenter instance does not have access to the Internet As a first step, the administrator downloads the required update on another machine.
What are the next steps the administrator must perform to complete the update? A Place the update ISO file in a Virtual Machine File System (VMFS) datastore. '
Use the vSphere Client to select the update ISO file as the source for the update.

A. Place the update ISO file in a Virtual Machine File System (VMFS) datastore.Use the vSphere Client to select the update ISO file as the source for the update
B. Mount the ISO update file to the CD-ROM drive of the vCenter instanceUse the vCenter Management Interface to select the CD-ROM as the source for the update
C. Place the ISO update file in a folder accessible to the vCenter instance over HTTPS.Use the vCenter Management Interface to select the update file as the source for the update
D. Place the ZIP update file in a folder accessible to the vCenter instance over HTTPS Use the vSphere Client to select the update file as the source for the update.

Answer: B

Explanation:
https://4sysops.com/archives/three-ways-to-update-vmware-vcenter-server-appliance-vcsa/

NEW QUESTION 114
An administrator is required to configure several Microsoft Windows virtual machines (VMs) to support
Secure Boot for a critical secure application. The following information is provided:
•The corporate security policy states that all forms of data encryption must utilize a key provider.
•The firmware of each VM is currently set to use Unified Extensible Firmware Interface (UEFI).
•Due to the nature of the application running within the VMs, the guest operating system for each VM is currently a minimum of Windows Server 2008 and Windows 7.
Which security feature should the administrator implement to meet these requirements?

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

Answer: D

Explanation:
https://docs.vmware.com/en/VMware-vSphere/8.0/vsphere-security/GUID-6F811A7A-D58B-47B4-84B4-7339 A vTPM is a virtualized version of a physical TPM and is used to protect VMs and their data by tying the
cryptographic functions to the hardware of the server on which the VMs are running12. This allows for secure boot, disk encryption, and other security features12. It also supports key providers, which is a requirement in this case12.

NEW QUESTION 119
A company has two sites: Site A and Site B. The administrator would like to manage the VMware vCenter inventories in both sites from a single vSphere Client session.
Which vCenter feature must be configured?

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

Answer: D

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

NEW QUESTION 124
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 127
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