3V0-21.23 Dumps

VMware vSphere 8.x Advanced Design

https://www.certleader.com/3V0-21.23-dumps.html

NEW QUESTION 1
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 2
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 3
An administrator Is looking to deploy a new VMware vCenter Instance. The current environment consists of 75 hosts and is expected to grow up to 100 hosts over the next three years.
Which deployment size should the administrator select?

A. Medium
B. Tiny
C. Large
D. Small

Answer: D

Explanation:
VMWare: Small environment (up to 100 hosts or 1,000 virtual machines) Medium environment (up to 400 hosts or 4,000 virtual machine)
https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vcenter.install.doc/GUID-88571D8A-46E1-464 The administrator should select the small deployment size for the new vCenter Server instance, which is suitable for an environment with up to 100 hosts or 1,000 virtual machines. The small deployment size has 4 vCPUs and 19 GB of memory, which can handle the current and expected growth of the environment. The other deployment sizes are either too large or too small for the environment. References:
https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vcenter.install.doc/GUID-88571D8A-46E1-464

NEW QUESTION 4
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 5
An administrator needs to perform maintenance on a datastore that Is running the vSphere Cluster Services (vCLS) virtual machines (VMs).
Which feature can the administrator use in this scenario to avoid the use of Storage vMotion on the vCLS VMs?

A. vSphere Distributed Resource Scheduler (DRS)
B. vSphere vMotion
C. vSphere Faull Tolerance
D. vCLS Retreat Mode

Answer: D

Explanation:
The feature that can be used to avoid the use of Storage vMotion on the vCLS VMs when performing maintenance on a datastore is vCLS Retreat Mode, which allows temporarily removing the vCLS VMs from the cluster without affecting the cluster services.
References:
https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.vcenterhost.doc/GUID-8E7C1D6D-8E

NEW QUESTION 6
An administrator has mapped three vSphere zones to three vSphere clusters.
Which two statements are true for this vSphere with Tanzu zonal Supervisor enablement? (Choose two.)

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

Answer: BE

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

NEW QUESTION 7
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 8
An administrator is tasked with providing users access to objects within an existing VMware vCenter instance. The vCenter inventory has a single data center with one management vSphere cluster and five workload vSphere clusters.
The following requirements must be met for assigning the users access:
• Users must only be able to view all of the inventory objects associated with the management vSphere cluster.
• Users must be able to edit all of the inventory objects associated with the workload vSphere clusters. The administrator creates a custom role to provide the permissions needed to allow users to edit inventory
objects.
Which series of steps should the administrator complete to assign the custom role and provide the required level of access to users?

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

Answer: D

Explanation:
Option D is correct because it allows the administrator to apply Global permissions to assign the Read Only
role to the root vCenter object and enable propagation, which will apply to all of the inventory objects in vCenter, and then apply vCenter permissions to assign the
custom role to the workload vSphere clusters, which will override the Global permissions and allow users to edit all of the inventory objects associated with the
workload vSphere clusters. Option A is incorrect because it will not enable propagation for the Global permissions, which will limit the Read Only role to the root
vCenter object only. Option B is incorrect because it will enable propagation for both the Global and vCenter permissions, which will create a conflict between the
Read Only and custom roles. Option C is incorrect because it will not enable propagation for either the Global or vCenter permissions, which will limit the Read
Only role to the root vCenter object only and the custom role to the workload vSphere clusters only. References:

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

NEW QUESTION 9
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 10
An administrator is responsible for the management of a VMware vCenter instance that is currently experiencing performance issues. The administrator quickly identifies that the CPU and memory utilization of vCenter is consistently over 80%. Upon further analysis, it seems that the vpxd process is contributing significantly to the performance issue.
A combination of which four steps should the administrator take to resolve the performance issues and ensure that a similar issue can be rectified without requiring downtime to vCenter moving forward? (Choose four.)

A. Gracefully shut down vCenter using the vSphere Client.
B. Enable CPU Hot Add on the vCenter virtual machine.
C. Power on the vCenter Server Appliance using the vSphere Host Client.
D. Enable CPU and Memory Hot Add on the vCenter virtual machine.
E. Add additional CPU to the vCenter Server Appliance.
F. Power on the vCenter Server Appliance using the vSphere Client.
G. Enable Memory Not Add on the vCenter virtual machine.
H. Add additional memory resources to the vCenter Server Appliance.

Answer: ACDE

Explanation:
References:
https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.vcenterhost.doc/GUID-8E7C1D6D-8E https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.vcenterhost.doc/GUID-3B41119A-127 https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.vm_admin.doc/GUID-38F4D574-ADE

NEW QUESTION 10
An administrator Is performing maintenance activities and discovers that a Virtual Machine File System (VMFS) datastore has a lot more used capacity than expected. The datastore contains 10 virtual machines (VMs) and, when the administrator reviews the contents of the associated datastore, discovers that five-virtual machines have a snapshot file (-delta.vmdk flies) that has not been modified In over 12 months. The administrator chei kfl the Snapshot Manager within the vSphere Client and confirms that there are no snapshots visible.
Which task should the administrator complete on the virtual machines to free up datastore space?

A. Consolidate the snapshots for each VM.
B. Inflate the disk files for each VM.
C. Delete all snapshots for each VM.
D. Storage vMotion each VM to another datastore.

Answer: A

Explanation:
Consolidating snapshots for each VM will merge any snapshot files that are not associated with a snapshot in Snapshot Manager into the base disk file and free up datastore space.
References:
https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.vm_admin.doc/GUID-53F65726-A23B
The presence of redundant delta disks can adversely affect the virtual machine performance. You can combine such disks without violating a data dependency. After consolidation, redundant disks are removed, which improves the virtual machine performance and saves storage space.

NEW QUESTION 13
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 14
administrator successfully installs VMware ESXi onto the first host of a new vSphere duster but makes no additional configuration changes. When attempting to log into the vSphere Host Client using the Fully Qualified Domain Name (FQDN) of the host, the administrator receives the following error message:
''server Not Found –we can't connect to the server at esxit101.corp.local.''
• Host FQDN: esxi 101. Corp. local
• Management VLAN ID: 10
• DHCP: No
• Management IP Address: 172.16.10.101/24
• Management IP Gateway: 172.16.10.1
• Corporate DNS Servers: 172.16.10.5, 172.16.10.6
• DNS Domain: corp.local
Which three high level tasks should the administrator complete, at a minimum, in order to successfully log into the the vSphsrs Host Client using the FQDN for the exxi101 and complete the configuration (Choose three.)

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

Answer: AB

Explanation:
To successfully log into the vSphere Host Client using the FQDN for the ESXi host, the administrator needs to ensure a DNS A Record is created for the VMware ESXi host on the corporate DNS servers, which maps its FQDN to its IP address; and update the VMware ESXi Management Network DNS configuration to use the corporate DNS servers for name resolution, which allows resolving its FQDN.
References:
https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.networking.doc/GUID-D2F9C9A9-5F2 https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.networking.doc/GUID-9F1D4E96-339

NEW QUESTION 17
An administrator manually configures a reference ESXi host that meets company security standards for vSphere environments. The administrator now needs to apply all of the security standards to every identically configured host across multiple vSphere clusters within a single VMware vCenter instance.
Which four steps would the administrator complete to meet this requirement? (Choose four.)

A. Extract the host profile from the reference host
B. Export the host profile from vCenter.
C. Import host customization on the reference host.
D. Attach the host profile to each cluster that requires the secure configuration.
E. Check the compliance of each host against the host profile.
F. Reset host customization on the reference host.
G. Remediate all non-compliant hosts.

Answer: ADEG

Explanation:
To apply the security standards from a reference host to other hosts across multiple clusters, the administrator needs to extract a host profile from the reference host, which captures its configuration settings; attach the host profile to each cluster that requires the same configuration; check the compliance of each host against the host profile, which compares their settings; and remediate all non-compliant hosts, which applies the configuration settings from the host profile.
References:
https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.security.doc/GUID-F8F105EC-A6EA

NEW QUESTION 20
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 24

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 27
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 30
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
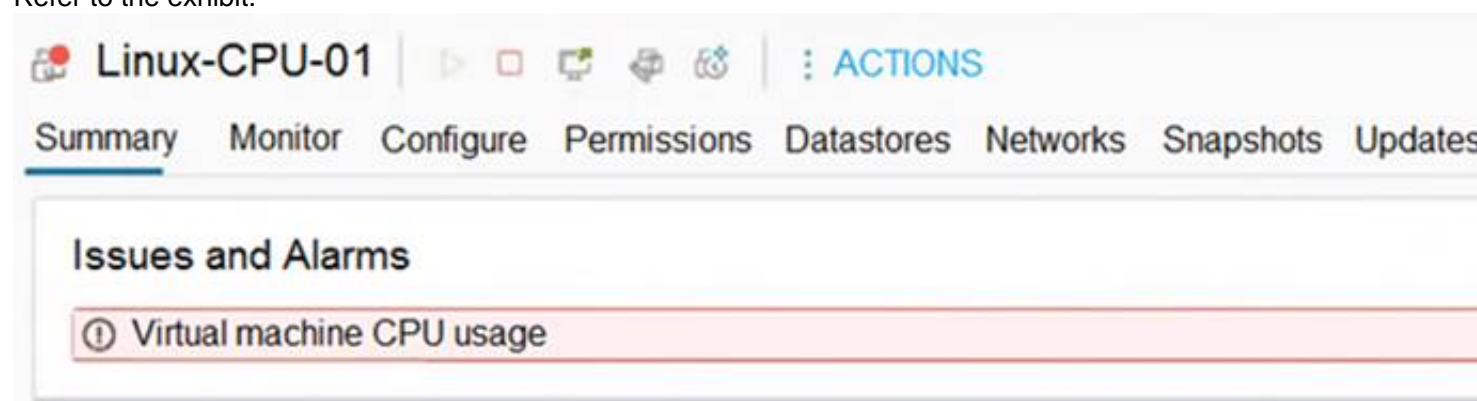E. The virtual machine will be restored in a suspended state

Answer: AB

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

NEW QUESTION 31
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 32
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 35
Refer to the exhibit.
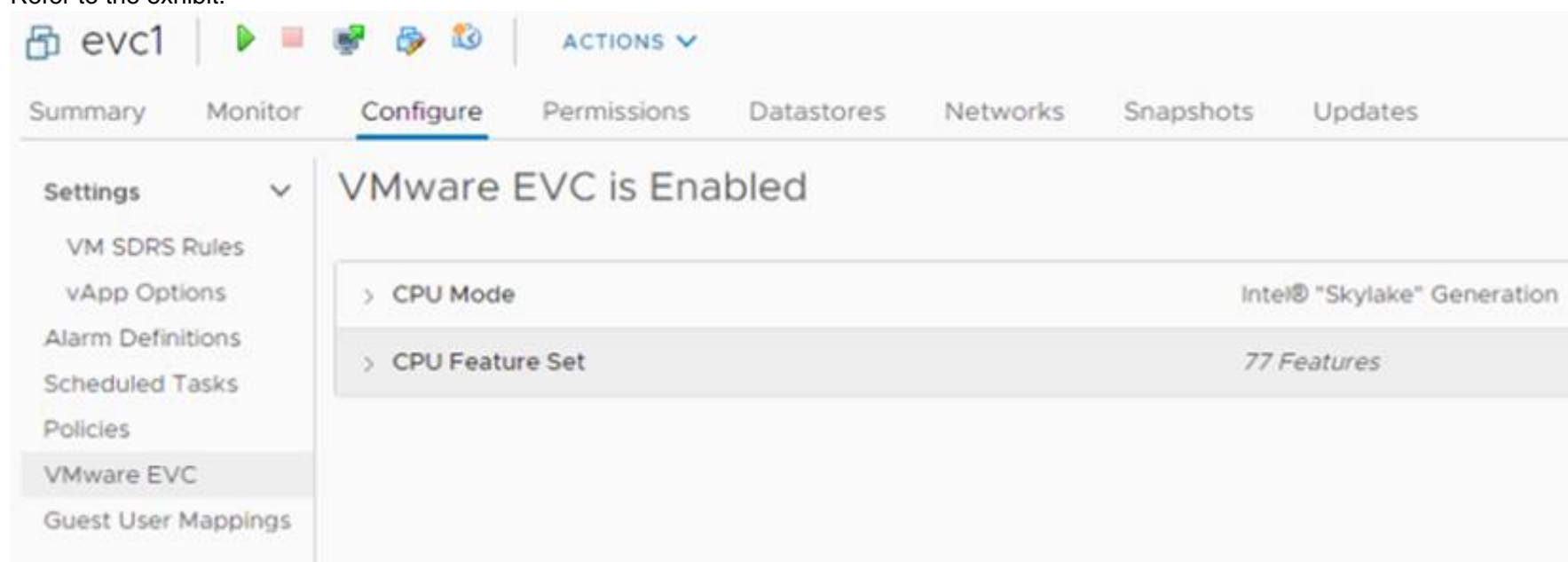
An administrator is tasked with adding new capacity to an existing software-defined data center (SDDC).
• The SDDC currently hosts two vSphere clusters (ClusterA and ClusterB) with different CPU compatibilities.
• vSphere vMotion and vSphere Distributed Resource Scheduler (DRS) are currently in use in 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 38
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 40
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 41
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 44
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 46
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 50
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 51
Which four elements can a vSphere Lifecycle Manager image contain? (Choose four.)

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

Answer: ADFG

Explanation:
https://docs.vmware.com/en/VMware-vSphere/8.0/vsphere-lifecycle-manager/GUID-9A20C2DA-F45F-4C9B-9 A vSphere Lifecycle Manager image can consist of the following four elements:
ESXi base image
The base image contains an image of VMware ESXi Server and additional components, such as drivers and adapters that are necessary to boot a server. The base image is the only mandatory element in a vSphere Lifecycle Manager image. All other elements are optional.
Vendor add-on
The vendor add-on is a collection of software components that OEMs create and distribute. The vendor add-on can contain drivers, patches, and solutions.
Firmware and drivers add-on
The firmware and drivers add-on is a special type of vendor add-on designed to assist in the firmware update process. The firmware and drivers add-on contains firmware for a specific server type and corresponding drivers. To add a firmware and drivers add-on to your image, you must install the hardware support manager plug-in provided by the hardware vendor for the hosts in the respective cluster.
Independent components
The component is the smallest discrete unit in an image. The independent components that you add to an image contain third-party software, for example drivers or adapters.

NEW QUESTION 52
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 56
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 60
An administrator is tasked with moving an application and guest operating system (OS) running on top of a physical server to a software-defined data center (SDDC) in a remote secure location.
The following constraints apply:
• The remote secure location has no network connectivity to the outside world.
• The business owner is not concerned if all changes in the application make it to the SDDC in the secure location.
• The application's data is hosted in a database with a high number of transactions.
What could the administrator do to create an image of the guest OS and application that can be moved to this remote data center?

A. Create a hot clone of the physical server using VMware vCenter Converter.
B. Create a cold clone of the physical server using VMware vCenter Converter.

C. Restore the guest OS from a backup.
D. Use storage replication to replicate the guest OS and application.

Answer: B

Explanation:
Option B is correct because it allows the administrator to create a cold clone of the physical server using VMware vCenter Converter, which will create an image of the guest OS and application that can be moved to this remote data center without requiring network connectivity or affecting the application's data. Option A is incorrect because creating a hot clone of the physical server using VMware vCenter Converter will require network connectivity and may affect the application's data due to changes during conversion. Option C is incorrect because restoring the guest OS from a backup will require network connectivity and may not include the latest changes in the application. Option D is incorrect because using storage replication to replicate the guest OS and application will require network connectivity and may not be feasible for a physical server. References:
https://docs.vmware.com/en/vCenter-Converter-Standalone/6.2/com.vmware.convsa.guide/GUID-9F9E3F8C-0E

NEW QUESTION 62
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 67
An administrator creates a virtual machine that contains the latest company-approved software, tools and security updates. Company policy requires that only full clones are allowed for server workloads.
A combination of which two tasks should the administrator complete to prepare for the deployment of this virtual machine for multiple users? (Choose two.)

A. Set appropriate permissions on the virtual machine.
B. Create a virtual machine customization specification.
C. Upgrade the virtual hardware.
D. Convert the virtual machine to a template.
E. Take a snapshot of the virtual machine.

Answer: BD

Explanation:
Option B and D are correct because they allow the administrator to create a virtual machine customization
specification, which can be used to customize guest operating system settings for multiple virtual machines, and convert the virtual machine to a template, which can be used to create full clones of server workloads. Option A is incorrect because assigning appropriate permissions on the virtual machine does not prepare it for deployment for multiple users. Option C is incorrect because upgrading the virtual hardware does not prepare it for deployment for multiple users. Option E is incorrect because taking a snapshot of the virtual machine does not prepare it for deployment for multiple users. References:
https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.vm_admin.doc/GUID-9F9E3F8C-0E2

NEW QUESTION 70
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 71
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 73
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 76
What are two uses cases for VMware Tools? (Choose two.)

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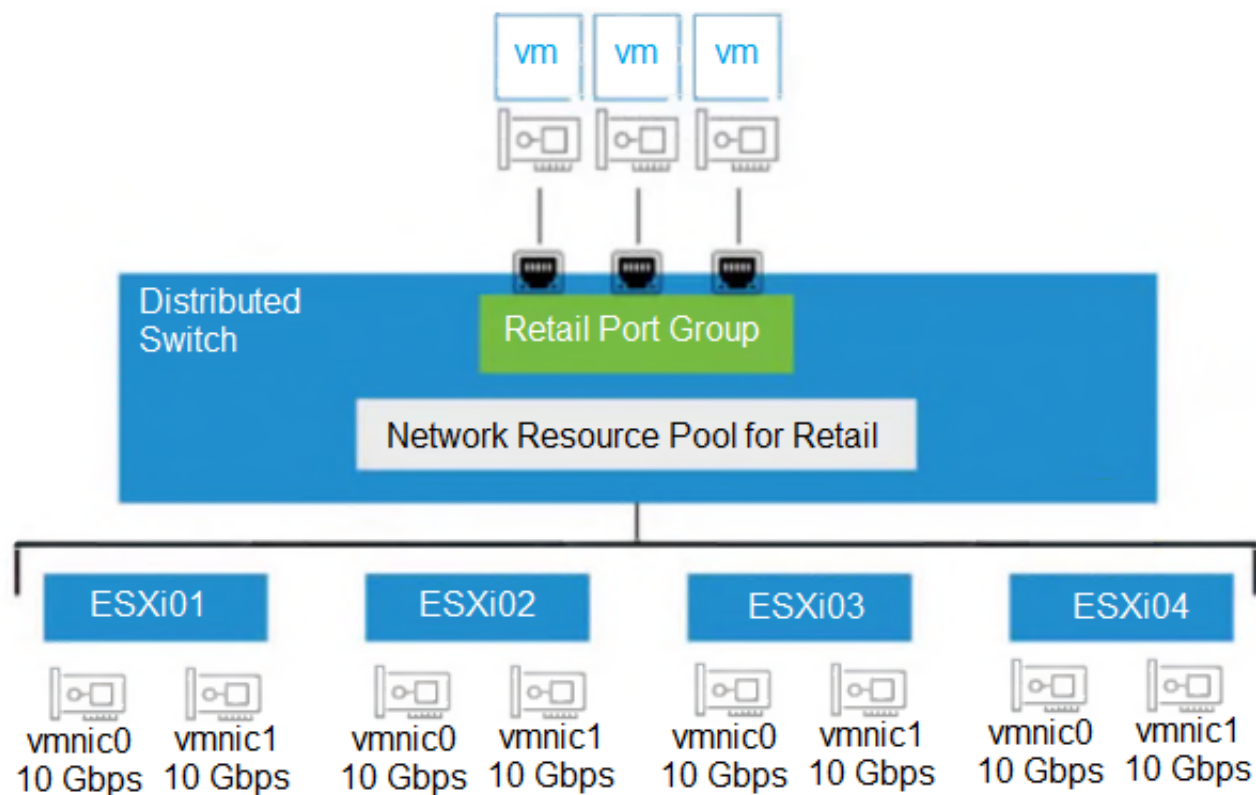E. Support for unsupported network device drivers

Answer: CD

Explanation:
https://www.stevenbright.com/2022/03/deploy-salt-minions-automatically-using-vmware-tools/
Two use cases for VMware Tools are direct deployment of the Aria Automation Config minion and ability to shut down a virtual machine remotely. Direct deployment of the Aria Automation Config minion is a feature that allows the administrator to deploy a configuration management agent to a virtual machine using VMware Tools. This feature enables automation and orchestration of virtual machine configuration tasks. Ability to shut down a virtual machine remotely is a feature that allows the administrator to gracefully power off a virtual machine from the vSphere Client or other VMware products. This feature requires VMware Tools to be installed and running on the guest operating system. References: https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.vmwaretools.doc/GUID-28C39A00-74

NEW QUESTION 79
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 if 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?
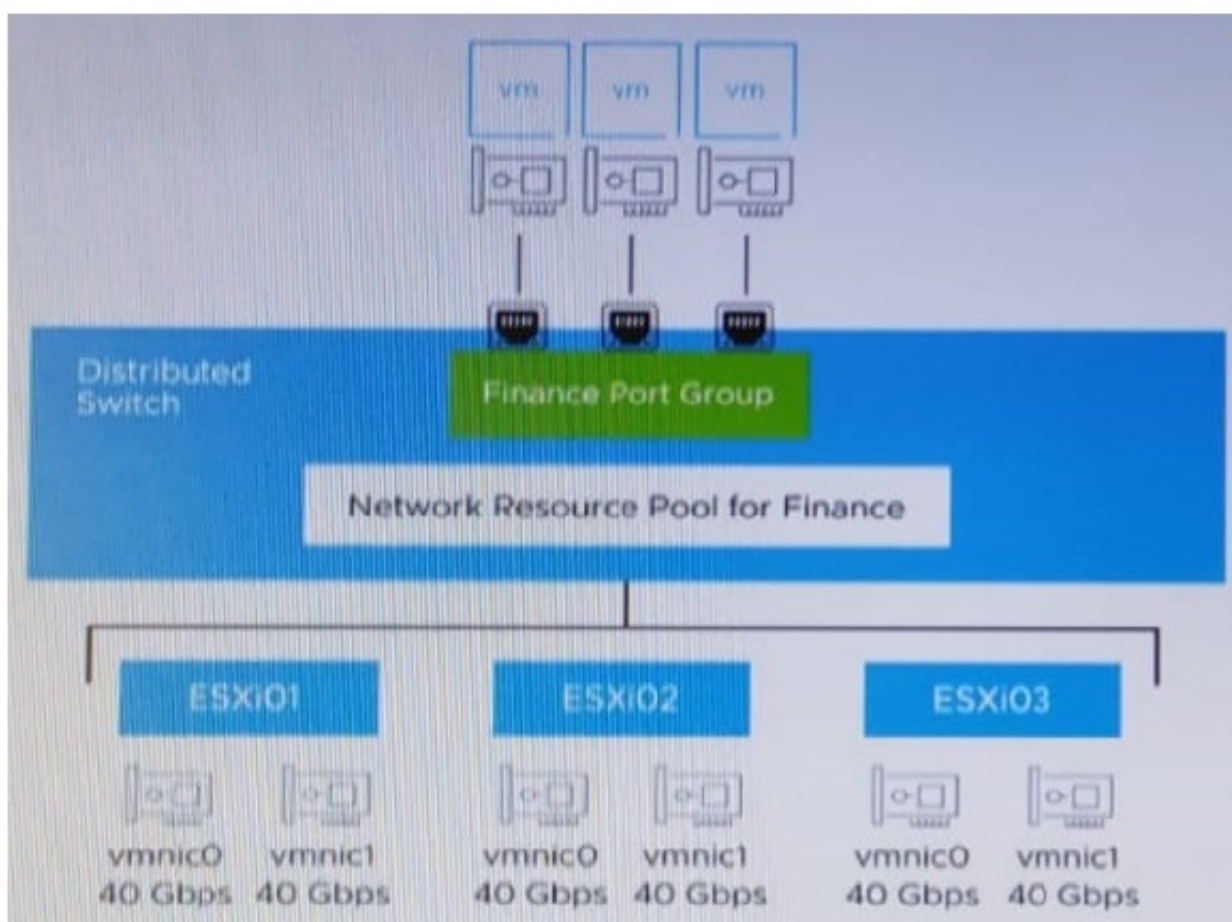
A. 40
B. 32
C. 8
D. 16

Answer: D

Explanation:
4Gbps*8Nic=32Gbps*50%=16Gbps

NEW QUESTION 84
Refer to the exhibit.

An administrator set up the following configuration:
• The distributed switch has three ESXi hosts, and each host has two 40 Gbps NICs.
• The amount of bandwidth reserved for virtual machine (VM) traffic is 6 Gbps.
The administrator wants to guarantee that VMs in the Finance distributed port group can access 50 percent of the available reserved bandwidth for VM traffic. k
Given this scenario, what should the size (in Gbps) of the Finance network resource pool be?

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

Answer: A

Explanation:
The size of the Finance network resource pool should be 50 percent of the reserved bandwidth for VM traffic, which is 6 Gbps x 3 hosts = 18 Gbps.
References:
https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.networking.doc/GUID-9F1D4E96-339
https://docs.vmware.com/en/VMware-vSphere/8.0/vsphere-networking/GUID-29A96AB2-AEBF-420E-BDD6

NEW QUESTION 87
......

Thank You for Trying Our Product

* 100% Pass or Money Back

　　All our products come with a 90-day Money Back Guarantee.

* One year free update

　　You can enjoy free update one year. 24x7 online support.

* Trusted by Millions

　　We currently serve more than 30,000,000 customers.

* Shop Securely

　　All transactions are protected by VeriSign!

100% Pass Your 3V0-21.23 Exam with Our Prep Materials Via below:

https://www.certleader.com/3V0-21.23-dumps.html