VMware.2V0-21.23.v2024-01-02.q47

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NEW QUESTION: 1
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: (SHOW ANSWER)
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.

NEW QUESTION: 2
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 (LEAVE A REPLY)
https://core.vmware.com/resource/vmware-vsan-design-guide#:~:text=Summary%20of%20Network%20Design%20Considerations,are%20recommended%20for%20best%20performance.

NEW QUESTION: 3
A vSphere environment is experiencing intermittent short bursts of CPU contention, causing brief production outages for some of the virtual machines (VMs). To understand the cause of the issue, the administrator wants to observe near real-time statistics for all VMs.
Which two vSphere reporting tools could the administrator use? (Choose two.)
A. Advanced Performance Charts
B. esxcli
C. resxtop
D. Overview Performance Charts
E. esxtop
Answer: (SHOW ANSWER)
Advanced Performance Charts and esxtop are both vSphere reporting tools that can be used to observe near real-time statistics for all VMs. Advanced Performance Charts provides a graphical view of performance data, while esxtop is a command-line tool that provides more detailed information.

NEW QUESTION: 4
An administrator is tasked with looking into the disaster recovery (DR) options for a software-defined data center (SDDC).
The following requirements must be met:
* All virtual machines (VMs) must be protected to a secondary site.
* The source VMs must remain online until the failover.
* When failing over to the secondary site, application downtime is allowed
* The DR failover must be managed from the vSphere Client.
* Costs must remain as low as possible.
How can the administrator accomplish this task?
A. Configure VMware Cloud Disaster Recovery (VCDR) and combine it with array-based storage replication
B. Configure VMware a Site Recovery Manager and combine it with vSphere Replication.
C. Configure a subscribed content library on the secondary site.
D. Configure VMware Site Recovery Manager and combine it with array-based storage replication.
Answer: (SHOW ANSWER)

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

NEW QUESTION: 5
An administrator is completing the configuration of a new vSphere cluster and has enabled vSphere High Availability (HA) and vSphere Distributed Resource Scheduler (DRS).
After adding the ESXi hosts to the cluster, which networking information will the administrator be prompted to provide when using the Cluster Quickstart workflow?
A. vMotion networking
B. Management networking
C. vSAN networking
D. Virtual machine networking
Answer: (SHOW ANSWER)
https://core.vmware.com/resource/cluster-quickstart#section1

NEW QUESTION: 6
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: (SHOW ANSWER)
SIOC configuration may fail if the datastore contains RDMs or has multiple extents, as these are not supported by SIOC.
Reference:
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: 7
An administrator is tasked with configuring vSphere Trust Authority. The administrator has completed the following steps:
* Set up the workstation
* Enabled the Trust Authority Administrator
* Enabled the Trust Authority State
* Collected information about the ESXi hosts and vCenter to be trusted
Which step does the administrator need to complete next?
A. Import the Trusted Host information to the Trust Authority Cluster

B. Import the Trusted Cluster information to the Trusted Hosts
C. Create the Key Provider on the Trusted Cluster
D. Import the Trusted Host information to the Trusted Cluster
Answer: (SHOW ANSWER)
https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.security.doc/images/GUID-D205B3C1-56BE-497A-B066-4C8F764B068C-high.png
https://docs.vmware.com/en/VMware-vSphere/8.0/vsphere-security/GUID-39D8AB34-AD45-4B0A-8FB0-7A1D16B25C9A.html

NEW QUESTION: 8
An administrator plans to bring VMware vCenter offline in order to perform hardware mainte-nance on the host where the vCenter Server Appliance is running.
Which vSphere feature must be configured to ensure that vCenter users experience minimal downtime?
A. vSphere Distributed Resource Scheduler
B. Hybrid Linked Mode
C. vCenter Server High Availability
D. Enhanced Linked Mode
Answer: (SHOW ANSWER)
https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.avail.doc/GUID-4A626993-A829-495C-9659-F64BA8B560BD.html

NEW QUESTION: 9
An administrator is tasked with applying updates to a vSphere cluster running vSAN using vSphere Lifecycle Manager.
Downtime to the ESXI hosts must be minimal while the work Is completed.
The administrator has already completed the following steps and no errors have been returned:
* Downloaded all applicable software and created a new Image
* Attached the new Image to the cluster and run a compliance check against the Image for the cluster
* Ran a remediation pre-check for the cluster
Which two series of steps should the administrator perform to start the remediation of the cluster using the new image? (Choose two.)
A. 1. Use the Remediate option in vSphere Lifecycle Manager to remediate all of the ESXI hosts in the cluster in parallel.
2. Allow vSphere Lifecycle Manager to automatically control maintenance mode on the ESXI hosts.
B. 1. Place each of the ESXI hosts into maintenance mode manually.
2. Use the Stage option in vSphere Lifecycle Manager to stage the required software on all ESXi hosts one at a time.
C. 1. Leave all ESXI hosts in the cluster operational.
2. Use the Stage All option in vSphere Lifecycle Manager to stage the required software onto all ESXI hosts one at a time.
D. 1. Leave all ESXI hosts in the cluster operational

2. Use the Stage All option in vSphere Lifecycle Manager to stage the required software onto all ESXI hosts in the cluster In parallel.

E. 1. Use the Remediate Option In vSphere Lifecycle Manager to remediate all of the ESXI hosts In the cluster In sequence.

2. Allow vSphere Lifecycle Manager to automatically control maintenance mode on the ESXI hoy

Answer: (SHOW ANSWER)

Option A and D are correct because they allow vSphere Lifecycle Manager to automatically control maintenance mode on the ESXi hosts and remediate them in parallel or in sequence. Option B and C are incorrect because they require manual intervention to place the hosts into maintenance mode or to stage the software on each host, which is not efficient or minimal downtime. Reference: https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere-lifecycle-manager.doc/GUID-9F9E3F8C-0E2B-4B6A-8C5C-3F8E5F6B4E9D.html

NEW QUESTION: 10

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

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

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A. Use the Stage and Install option to resume the staging.

B. Use the Resume option to resume the staging.

C. Use the Unstage option to restart the staging.

D. Use the Stage Only option to restart the staging.

Answer: (SHOW ANSWER)

docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vcenter.upgrade.doc/GUID-FF533442-66F0-4797-976D-1DA99102DD0A.html

NEW QUESTION: 11

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: (SHOW ANSWER)

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.

NEW QUESTION: 12
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: (SHOW ANSWER)
VMware ESXi and VMware vCenter are the two components of the software-defined data center (SDDC) that are responsible for the initial abstraction of CPU, memory, disk, and network resources and their subsequent management1. VMware ESXi is the virtualization platform where you create and run virtual machines and virtual appliances2. VMware vCenter is the service through which you manage multiple hosts connected in a network and pool host resources2. These two components are part of the SDDC architecture that enables a fully automated, zero-downtime infrastructure for any application, and any hardware, now and in the future3.

NEW QUESTION: 13
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 instance Use 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: (SHOW ANSWER)
https://4sysops.com/archives/three-ways-to-update-vmware-vcenter-server-appliance-vcsa/

NEW QUESTION: 14

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: (SHOW ANSWER)
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-12649CBB-F69A-4199-8957-B4C0170B4E9A.html

NEW QUESTION: 15
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. Velero Plugin for vSphere
B. Standalone Velero and Restic
C. vSphere Host Client
D. NSX-T Manager
E. VMware vCenter
Answer: (SHOW ANSWER)

NEW QUESTION: 16
An administrator notices a performance issue in VMvvare vCenter To try and understand more about the performance issue, the administrator needs to gather more information about the vCenter database to eliminate a potential disk space issue.
Which two tools can the administrator use? (Choose two.)
A. vCenter Management Interface (VAMI)
B. Perfmon
C. df
D. esxtop
E. vSphere Client
Answer: A,C (LEAVE A REPLY)
https://kb.vmware.com/s/article/76563

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NEW QUESTION: 17
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: (SHOW ANSWER)
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-E53433855C07.html

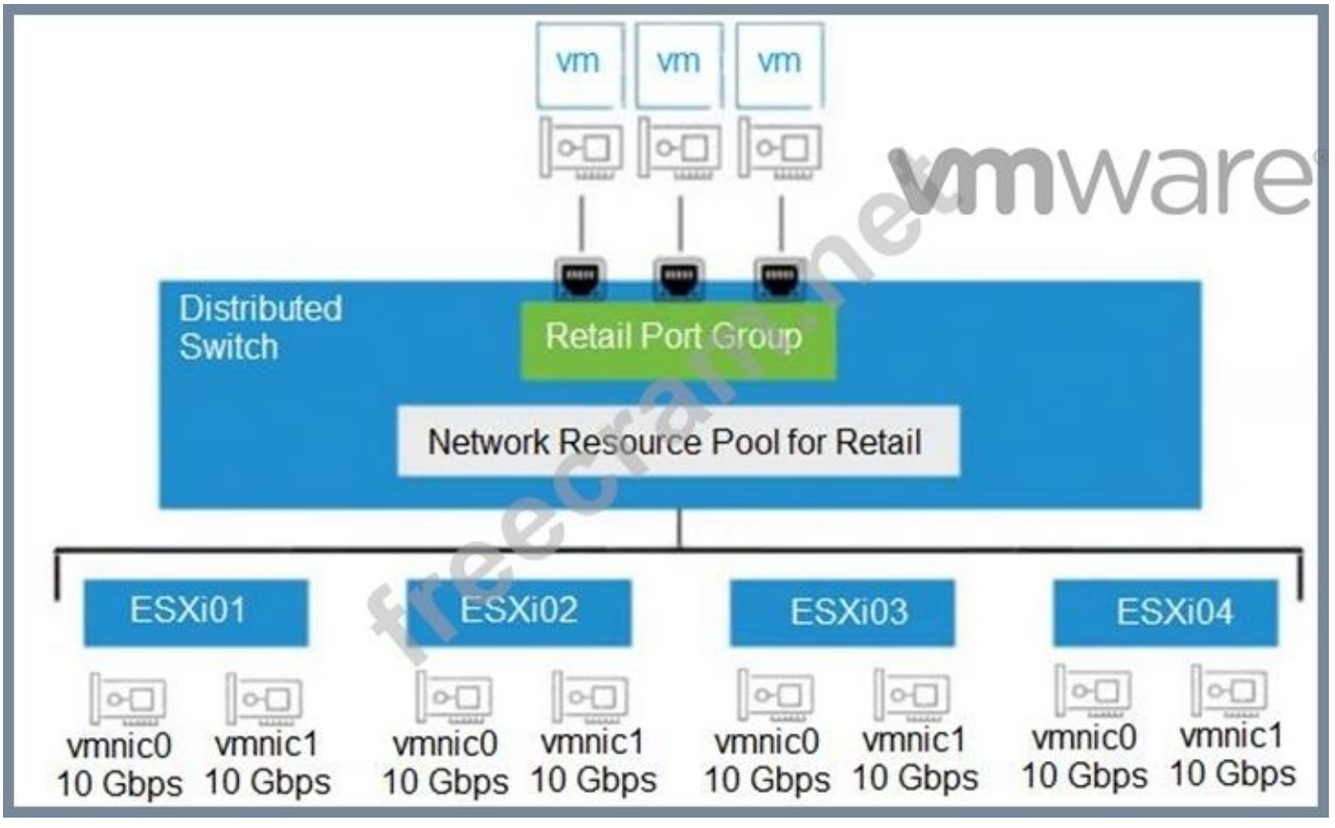
NEW QUESTION: 18
After a number of outages within a production VMware software-defined data center, an administrator is tasked with identifying a solution to meet the following requirements:
* Reduce the risk of outages by proactively identifying issues with the environment and resolving them.
* Reduce 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: (SHOW ANSWER)
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: 19
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: (SHOW ANSWER)
https://www.vmware.com/products/vsphere/vsphere-plus.html
https://blogs.vmware.com/vsphere/2022/06/vmware-vsphereplus-introducing-the-multi-cloud-workload-platform.html

NEW QUESTION: 20
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?
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A. Predictive DRS
B. vSphere HA Orchestrated Restart
C. vSphere HA Restart Priority
D. Proactive HA
Answer: (SHOW ANSWER)
https://www.vladan.fr/what-is-vmware-orchestrated-restart/

NEW QUESTION: 21
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

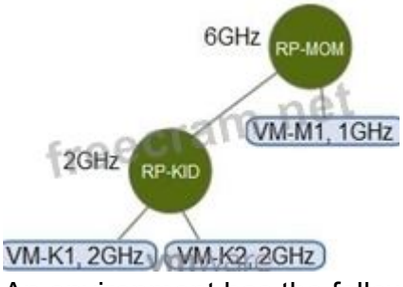
D. 16

Answer: (SHOW ANSWER)

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

NEW QUESTION: 22

Refer to Exhibit:



An environment has the following configuration:

* Resource Pool "RP-MOM? has a reservation of 6GHz and one running virtual machine (VM) "VM-M1? with 1 GHz reserved
* Resource Pool ^RP-KID? has a reservation of 2GHz, and expandable reservations is activated The administrator creates two VMs, "VM-K1? and 'VM-K2?, in the "RP-KID? resource pool with 2GHz reserved for each, and turns on "VM-M1 ?
Given this scenario, which statement is true?
A. The administrator must deactivate expandable reservations to turn on VM-K2
B. The administrator can create a third VM (VM-K3?) at RP-KID and reserve 6GHz
C. VM-K2 can be powered on because it can get the resources needed from RP-MOM.
D. VM-K2 cannot be powered on because there are not enough resources in RP-KID.
Answer: (SHOW ANSWER)
https://docs.vmware.com/en/VMware-vSphere/8.0/vsphere-resource-management/GUID-60077B40-66FF-4625-934A-641703ED7601.html

NEW QUESTION: 23
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: (SHOW ANSWER)
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.
Reference:
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: 24
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: (SHOW ANSWER)
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.

NEW QUESTION: 25
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. Add additional CPU to the vCenter Server Appliance.
B. Add additional memory resources to the vCenter Server Appliance.
C. Power on the vCenter Server Appliance using the vSphere Host Client.
D. Enable Memory Not Add on the vCenter virtual machine.
E. Power on the vCenter Server Appliance using the vSphere Client.
F. Enable CPU and Memory Hot Add on the vCenter virtual machine.
G. Enable CPU Hot Add on the vCenter virtual machine.
H. Gracefully shut down vCenter using the vSphere Client.
Answer: (SHOW ANSWER)

NEW QUESTION: 26
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: (SHOW ANSWER)

https://docs.vmware.com/en/VMware-vSphere/8.0/vsphere-lifecycle-manager/GUID-06A5D316-9452-4A5D-A5BB-3AEEFE0483B4.html 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. Reference: https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere-lifecycle-manager.doc/GUID-5AF3C64F-1178-4F1E-B5EC-2882957C6045.html

NEW QUESTION: 27
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: (SHOW ANSWER)
Identity Management Service is the service that handles authentication requests from LDAP accounts and other identity sources in vCenter Server.

NEW QUESTION: 28
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: C,D (LEAVE A REPLY)
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. Reference: https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.vmwaretools.doc/GUID-28C39A00-743B-4E23-9681-66254A15C2A0.html

NEW QUESTION: 29
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: (SHOW ANSWER)
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.

NEW QUESTION: 30
An administrator is tasked with adding two additional hosts into an existing production vSphere cluster to support the need for additional capacity.
The vSphere cluster currently has four identically configured ESXi hosts (esxOT esx02. esx03 and esx04) that utilize Intel Skylake-based CPUs. The two new hosts (esx05 and esx06) are configured identically in terms of memory and storage to the existing hosts: but utilize Intel Ice Lake-based CPUs.
The administrator must ensure that:
* Any virtual machine migrates to any of the six ESXi hosts running in the cluster.
* There is no virtual machine downtime during the process of adding the new hosts.
Which step should the administrator take to meet these requirements?
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A. Create a new vSphere cluster with Enhanced vMotion Compatibility (EVC) enabled and move all hosts into A' the new cluster
B. Create a new vSphere cluster and move only three hosts into the new cluster.
C. Configure Enhanced vMotion Compatibility (EVC) mode on the existing cluster and add the two new hosts into the cluster.
D. Create a new vSphere cluster with vSphere High Availability (HA) enabled and move all hosts into the new cluster
Answer: (SHOW ANSWER)
The step that the administrator should take to meet these requirements is to configure Enhanced vMotion Compatibility (EVC) mode on the existing cluster and add the two new hosts into the cluster. EVC mode allows migration of virtual machines between different generations of CPUs by masking unsupported processor features. EVC mode can be enabled on an existing cluster without affecting powered-on virtual machines. Reference: https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.vcenterhost.doc/GUID-9F444D9B-44A0-4967-8C07-693C6B40278A.html https://blogs.vmware.com/vsphere/2019/06/enhanced-vmotion-compatibility-evc-explained.html

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

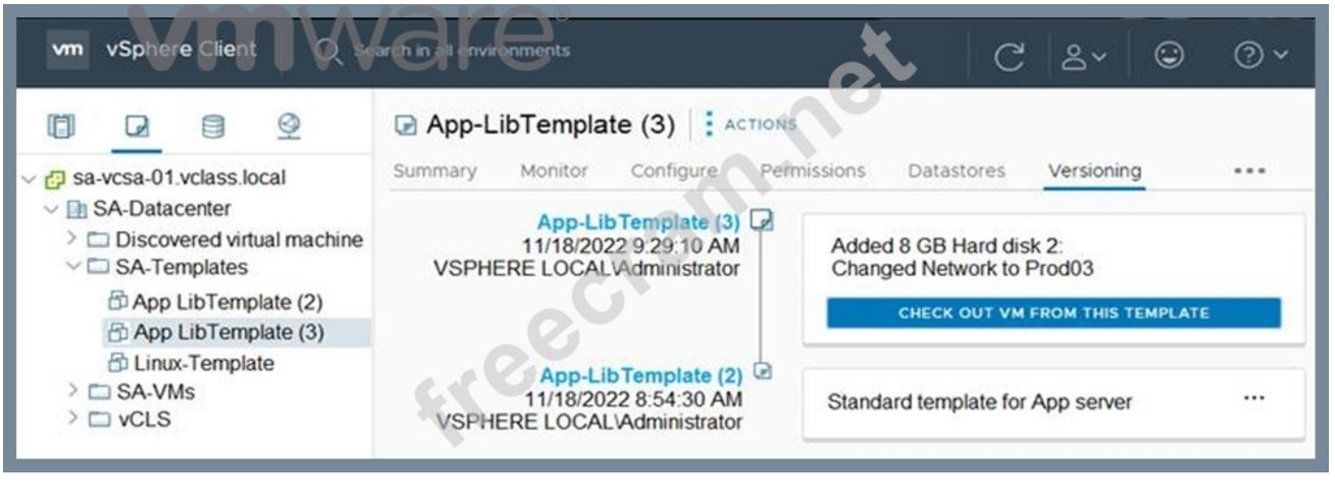
Answer: (SHOW ANSWER)

https://communities.vmware.com/t5/ESXi-Discussions/Alert-on-virtual-machine-that-i-cant-quot-clear-quot-or-remove/td-p/1685418

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NEW QUESTION: 32

Refer to the exhibit.



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

A. Delete App-LibTemplate (2)

B. Revert to App-LibTernplate (2)

C. Delete App-LibTemplate (3)

D. Check out App-LibTemplate (3)

Answer: (SHOW ANSWER)

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

Reference:

https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.vm_admin.doc/GUID-D69B0279-CC9B-495B-9CA3-AE975AF9C865.html 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.

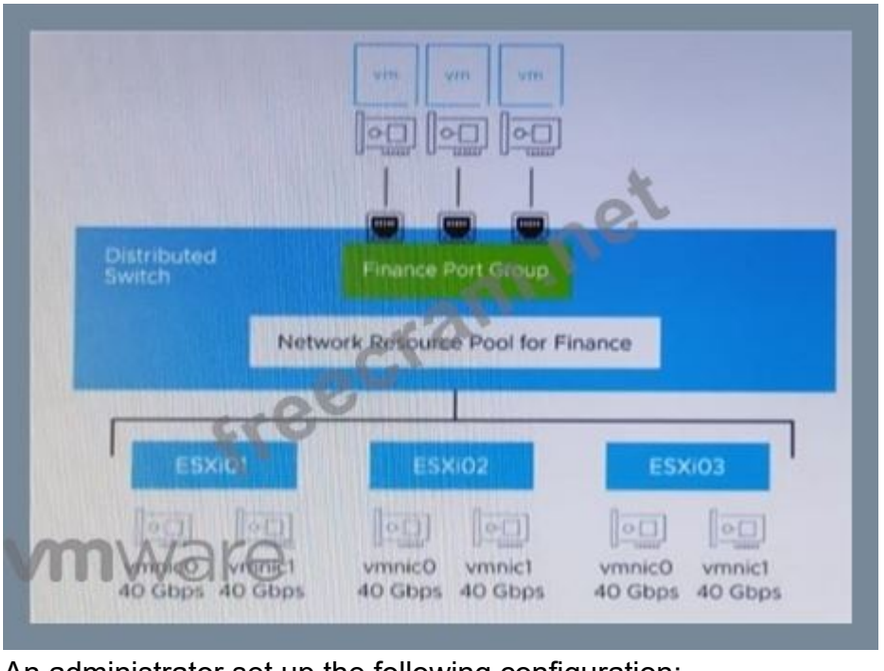
Revert to App-LibTemplate (2)

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: 33

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: (SHOW ANSWER)
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.
Reference:
https://docs.vmware.com/en/VMware-vSphere/8.0/vsphere-networking/GUID-29A96AB2-AEBF-420E-BDD6-48921CD687FF.html

NEW QUESTION: 34
Following a merger with another company, an administrator is tasked with configuring an identity source for VMware vCenter so that all vSphere administrators can authenticate using their existing Active Directory accounts. Each company has user accounts in their own Active Directory forests.
The following additional information has been provided:
* The corporate policy states that only Windows-based machine accounts are allowed in Active Directory.
Which action should the administrator take to configure vCenter Single Sign-On (SSO) to meet this requirement?
A. Configure SSO to use Active Directory over LDAP as the identity source.
B. Configure SSO to use OpenLDAP as the identity source.
C. Join the vCenter Server Appliance to the LDAP domain.
D. Configure SSO to use Active Directory (Integrated Windows Authentication) as the identity source.
Answer: (SHOW ANSWER)
Integrated Windows Authentication is now depreciated (from v7). "The Active Directory over LDAP identity source is preferred over the Active Directory (Integrated Windows Authentication) option."
https://kb.vmware.com/s/article/78506

NEW QUESTION: 35
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: (SHOW ANSWER)
https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.vm_admin.doc/GUID-3E1BB630-9223-45E8-A64B-DCB90D450673.html

NEW QUESTION: 36
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: (SHOW ANSWER)
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. Reference: https://docs.vmware.com/en/VMware-vSphere/8.0/com.vmware.vsphere.vsan-planning.doc/GUID-9F1D4A3B-3392-4684-812C-DB8042C1FBCD.html
https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vcenter.install.doc/GUID-1E39EF05-1DD7-4E9B-B9FE-6F373AA81862.html
https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vcenter.install.doc/GUID-1E39EF05-1DD7-4E9B-B9FE-6F373AA81862.html

NEW QUESTION: 37
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: (SHOW ANSWER)
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-5012866E0038.html

NEW QUESTION: 38
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: (SHOW ANSWER)
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. Reference: https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.storage.doc/GUID-9F9E3F8C-0E2B-4B6A-8C5C-3F8E5F6B4E9D.html

NEW QUESTION: 39
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: (SHOW ANSWER)
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.

NEW QUESTION: 40
An administrator decides to restore VMware vCenter from a file-based backup following a failed upgrade. Which interface should the administrator use to complete the restore?
Freecram.net
A. Direct Console User Interface (DCUI)
B. vCenter Management Interface (VAMI)
C. vSphere Client
D. vCenter GUI Installer
Answer: (SHOW ANSWER)
https://docs.vmware.com/en/VMware-vSphere/8.0/vsphere-vcenter-installation/GUID-F02AF073-7CFD-45B2-ACC8-DE3B6ED28022.html#GUID-F02AF073-7CFD-45B2-ACC8-DE3B6ED28022
You can use the vCenter Server appliance GUI installer to restore a vCenter Server to an ESXi host or a vCenter Server instance. The restore procedure has two stages. The first stage deploys a new vCenter Server appliance. The second stage populates the newly deployed vCenter Server appliance with the data

stored in the file-based backup. https://docs.vmware.com/en/VMware-vSphere/8.0/vsphere-vcenter-installation/GUID-F02AF073-7CFD-45B2-ACC8-DE3B6ED28022.html

NEW QUESTION: 41
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: (SHOW ANSWER)
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.
Reference:
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: 42
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: (SHOW ANSWER)
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.

NEW QUESTION: 43
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: (SHOW ANSWER)

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-46E1-464D-A349-4DC43DCAF320.html 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. Reference:
https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vcenter.install.doc/GUID-88571D8A-46E1-464D-A349-4DC43DCAF320.html

NEW QUESTION: 44
An administrator is tasked with installing VMware vCenter. The vCenter Server Appliance must support an environment of:
* 400 hosts
* 4000 virtual machines
Which two resources must be allocated, at a minimum, to meet the requirements? (Choose two.)
A. 16 vCPUs
B. 30 GB Memory
C. 4 vCPUs
D. 8 vCPUs
E. 20 GB Memory
Answer: (SHOW ANSWER)
https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vcenter.install.doc/GUID-88571D8A-46E1-464D-A349-4DC43DCAF320.html

NEW QUESTION: 45
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: (SHOW ANSWER)
https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere-lifecycle-manager.doc/GUID-774C3626-332C-4C3E-BC9B-AE648E78CA89.html#:~:text=In%20the%20Image%20pane%20of,ESXi%20hosts%20in%20the%20cluster.

NEW QUESTION: 46
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: (SHOW ANSWER)
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.

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NEW QUESTION: 47
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: (SHOW ANSWER)
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. Reference: https://www.vmware.com/products/vsphere.html

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