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NEW QUESTION: 1

Which three types of Content Libraries exist within vSphere 6.5? (Choose three.)

- A. Remote Content Library
- B. Published Content Library
- C. Local Content Library
- D. Shared Content Library
- E. Subscribed Content Library

Answer: (SHOW ANSWER)

Explanation/Reference:

Reference:

<https://esxsi.com/2016/12/30/content-libraries/>

NEW QUESTION: 2

An administrator is creating VMkernel adapters on an ESXi 6.5 host and wants to create separate VMkernel adapters for every type of traffic in the default TCP/IP stack.

Which three types of traffic can be explicitly enabled on a separate VMkernel adapter? (Choose three.)

- A. Virtual SAN traffic
- B. NFS traffic
- C. vMotion traffic
- D. vSphere HA traffic
- E. Fault Tolerance logging traffic

Answer: (SHOW ANSWER)

Explanation/Reference:

Explanation:



NEW QUESTION: 3

An administrator wishes to enable network port mirroring based on source port. Which feature should be enabled?

- A. vSphere standard switch port
- B. ERSPAN
- C. NSX Virtual Wire
- D. VLAN

Answer: (SHOW ANSWER)

Explanation/Reference:

Explanation:

Enter a valid VLAN ID in the field. This information is required for Remote Mirroring Source port mirroring sessions.

Reference:

<https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.vsphere.networking.doc/GUID-81309F10-D7FF-447C-9D35-58CA3DDA53B1.html>

NEW QUESTION: 4

Which is required for configuring iSCSI Software Adapter network port binding?

- A. VMkernel of the iSCSI traffic must be load balanced using Route based on IP Hash algorithm.
- B. VMkernel of the iSCSI traffic must be load balanced using Route based on Source Virtual Port ID algorithm.
- C. VMkernel of the iSCSI traffic must be load balanced using Route based on Source MAC Hash algorithm.
- D. VMkernel of the iSCSI traffic must be bound to only one active network adapter.

Answer: D (LEAVE A REPLY)

Explanation/Reference:

Explanation:

(...) ensure each vmkernel port has a unique active adapter.

Reference:

https://kb.vmware.com/selfservice/microsites/search.do?language=en_US&cmd=displayKC&externalId=2045040

NEW QUESTION: 5

The administrator must back up a vCenter HA deployment.

Which component must be backed up?

- A.** Passive node
- B.** Witness node
- C.** External database
- D.** Active node

Answer: (SHOW ANSWER)

Explanation/Reference:

Explanation:

When taking backups, avoid backing up the Passive and Witness nodes. Just take a backup of the Active node. When restoring an Active node, you must remove all the cluster configuration, restore and re-create the HA cluster.

Reference:

<https://www.altaro.com/vmware/how-to-deploy-a-vcenter-ha-cluster-part-1/>

NEW QUESTION: 6

What is the result of a "Consolidate" action on a virtual machine?

- A.** All snapshots on the virtual machines will be deleted.
- B.** The virtual machine will be reverted to its last snapshot.
- C.** Redundant delta disks will be combined and deleted.
- D.** A new snapshot with memory state will be created.

Answer: (SHOW ANSWER)

Explanation/Reference:

Reference:

https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.vsphere.vm_admin.doc/GUID-2F4A6D8B-33FF-4C6B-9B02-C984D151F0D5.html

NEW QUESTION: 7

What are the minimum hardware requirements for a Windows vCenter Server with embedded PSC that manages a "Small" environment?

- A.** 2vCPUs, 16 GB RAM
- B.** 4 vCPUs, 16 GB RAM
- C.** 2 vCPUs, 10 GB RAM
- D.** 4 vCPUs, 10 GB RAM

Answer: (SHOW ANSWER)

Explanation/Reference:

Reference: <https://docs.vmware.com/en/VMware-vSphere/6.0/com.vmware.vsphere.upgrade.doc/GUID-D2121DC5-1FC8-48DC-A4BA-C3FD72D0BE77.html>

NEW QUESTION: 8

By default, how often is the vCenter vpx user password automatically changed?

- A. 15 days
- B. 60 days
- C. 30 days
- D. 45 days

Answer: (SHOW ANSWER)

Explanation/Reference:

Explanation:

vCenter Server creates the vpxuser account on each ESX/ESXi host that it manages. The password for each vpxuser account is auto-generated when an ESX/ESXi host is added. The password is updated by default every 30 days.

Reference:

<https://kb.vmware.com/s/article/1016736>

NEW QUESTION: 9

Which are three supported storage requirements for vCenter Server HA? (Choose three.)

- A. NFS
- B. RDM
- C. vSAN
- D. VMFS
- E. JBOD

Answer: (SHOW ANSWER)

Explanation/Reference:

Explanation:

vCenter HA is supported and tested with VMFS, NFS, and vSAN datastores.

Reference:

<https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.vsphere.avail.doc/GUID-8FD87389-8CC9-4298-8B08-A1526FB44524.html>

NEW QUESTION: 10

Which two virtual NICs support Wake-on-Lan to resume a virtual machine that is in standby mode? (Choose two)

- A. Flexible
- B. E1000E

C. E1000

D. vmxnet 3

Answer: ([SHOW ANSWER](#))

Explanation/Reference:

Explanation:

Wake on LAN can resume virtual machines that are in an S1 sleep state only. It cannot resume suspended, hibernated, or powered off virtual machines.

The following NICs support Wake on LAN:

Flexible (VMware Tools required).

- vmxnet

- Enhanced vmxnet

- vmxnet 3

Reference: [https://pubs.vmware.com/vsphere-50/index.jsp?topic=%](https://pubs.vmware.com/vsphere-50/index.jsp?topic=%2Fcom.vmware.vsphere.vm_admin.doc_50%2FGUID-35CD5E60-6FFA-47CE-A5CF-78B6D6B42CB8.html)

[2Fcom.vmware.vsphere.vm_admin.doc_50%2FGUID-35CD5E60-6FFA-47CE-A5CF-78B6D6B42CB8.html](https://pubs.vmware.com/vsphere-50/index.jsp?topic=%2Fcom.vmware.vsphere.vm_admin.doc_50%2FGUID-35CD5E60-6FFA-47CE-A5CF-78B6D6B42CB8.html)

NEW QUESTION: 11

Which iSCSI initiator type can be used with any network interface card?

A. Software iSCSI initiator

B. Software FCoE adapter

C. Hardware Independent iSCSI initiator

D. Hardware Dependent iSCSI initiator

Answer: ([SHOW ANSWER](#))

Explanation/Reference:

Explanation:

Software iSCSI Adapter

A software iSCSI adapter is a VMware code built into the VMkernel. It allows your host to connect to the iSCSI storage device through standard network adapters. The software iSCSI adapter handles iSCSI processing while communicating with the network adapter. With the software iSCSI adapter, you can use iSCSI technology without purchasing specialized hardware.

Reference:

<https://docs.vmware.com/en/VMware-vSphere/5.5/com.vmware.vsphere.storage.doc/GUID-7A4E3767-CB54-4E88-9BA8-298876119465.html>

NEW QUESTION: 12

A vSphere Administrator attempts to enable Fault Tolerance for a virtual machine but receives the following error:

Secondary VM could not be powered on as there are no compatible hosts that can accommodate it.

What two options could cause this error? (Choose two.)

A. The other ESXi host(s) are in Maintenance Mode.

- B. Hardware virtualization is not enabled on the other ESXi host(s).
- C. The other ESXi host(s) are in Quarantine Mode.
- D. Hardware MMU is enabled on the other ESXi host(s).

Answer: A,B (LEAVE A REPLY)

Explanation/Reference:

Reference:

https://kb.vmware.com/selfservice/microsites/search.do?%20language=en_US&cmd=displayKC&externalId=1008950

NEW QUESTION: 13

Which is required by vCenter Converter Standalone to convert a physical Red Hat Enterprise Linux 7 machine to a virtual machine?

- A. The Linux machine must be powered off.
- B. The Linux machine must have the SSH daemon started.
- C. The Linux machine must use a static IP address.
- D. The Linux machine must have a fully-qualified domain name.

Answer: (SHOW ANSWER)

Explanation/Reference:

Explanation:

Ports used when converting a powered on machine running Linux

Table contains a list of the ports that must be open during the conversion of powered on source machines running Linux.

Ports required during Linux P2V

Communication Path	TCP Ports	Notes
Converter Standalone server to powered on source machine	22	Used to establish an SSH connection between Converter Standalone server and the source machine.
Converter Standalone client to Converter Standalone server	443	Required only if the Converter Standalone client components are on different machine.
Converter Standalone server to vCenter server	443	Required only if the conversion destination is a vCenter Server.
Converter Standalone server to ESX/ESXi	443, 902	If the conversion destination is a vCenter, port 902 is required.
Converter Standalone server to helper virtual machine	443	
Helper virtual machine to powered on source machine	22	Used to establish an SSH connection between the helper virtual machine and the source machine. If no DHCP server is available on the network, you must manually assign the helper virtual machine an IP address.

NEW QUESTION: 14

When will vSphere Data Protection delete the expired backup image of a Platform Service Controller?

- A. Immediately after the retention period has expired.
- B. After the expired backup image is restored.
- C. During the next backup window following expiry.
- D. During the next maintenance window following expiry.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 15

Which is the block size on the VMFS6 datastore?

- A. All small and large file blocks are 8MB.
- B. All small and large file blocks are 1MB.
- C. Small file blocks are 512KB. large file blocks are 64MB.
- D. Small file blocks are 1MB, large file blocks are 512MB.

Answer: D ([LEAVE A REPLY](#))

Explanation/Reference:

Explanation:

File Block Format

VMFS-6 introduces two new block sizes, referred to as small file block (SFB) and large file block (LFB). While the SFB size can range from 64KB to 1MB for future use-cases, VMFS-6 in vSphere 6.5 is utilizing an SFB size of 1MB only. The LFB size is set to 512MB.

Reference:

<https://forums.itpro.tv/topic/1471/vmfs-6-block-size>

NEW QUESTION: 16

Which port is used for communication between ESXi and vSphere Data protection?

- A. 80
- B. 443
- C. 902
- D. 22

Answer: ([SHOW ANSWER](#))

Explanation/Reference:

Reference: <https://kb.vmware.com/s/article/2034929>

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NEW QUESTION: 17

vCenter Server Appliance Instance can be backed up using which Client Interface?

- A. vSphere Client Interface
- B. vSphere Web Client Interface
- C. VMware Host Client Interface
- D. Virtual Appliance Management Interface

Answer: D ([LEAVE A REPLY](#))

Explanation/Reference:

Reference:

<https://pubs.vmware.com/vsphere-60/index.jsp?topic=%2Fcom.vmware.vsphere.install.doc%2FGUID-539B47B4-114B-49BC-9736-F14058127ECA.html>

NEW QUESTION: 18

Which are two vCenter Server two-factor authentication methods? (Choose two.)

- A. RSA SecurID
- B. Smart Card
- C. SAML
- D. Symantec VIP

Answer: (SHOW ANSWER)

Explanation/Reference:

Reference:

<https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.psc.doc/GUID-ACFFCBEC-6C1C-4BF9-9971-04AEE9362AFE.html>

NEW QUESTION: 19

A virtual machine fails to power on after being deployed from a template.

What two remediation steps could correct this issue? (Choose two.)

- A. Increase CPU reservation
- B. Decrease memory reservation
- C. Increase memory reservation
- D. Increase datastore capacity
- E. Decrease CPU reservation

Answer: (SHOW ANSWER)

Explanation/Reference:

Reference:

<https://pubs.vmware.com/vsphere-51/index.jsp?topic=%2Fcom.vmware.vsphere.troubleshooting.doc%2FGUID-FFE2CB60-A35D-4FCD-8D13-DF538F183692.html>

NEW QUESTION: 20

What tool can capture network traffic at the uplinks, or vSwitch, or virtual port levels?

- A. tcpdump-uw
- B. wireshark
- C. pktcap-uw
- D. pcap

Answer: ([SHOW ANSWER](#))

Explanation/Reference:

Reference:

<https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.vsphere.networking.doc/GUID-5CE50870-81A9-457E-BE56-C3FCEE3D0D5.html>

NEW QUESTION: 21

Group A has permission to download files in Content Library.

Group B does not have permission to download files in Content Library.

If a user is a member of both groups, what will be the result?

- A. The user cannot access Content Library.
- B. The user can access Content Library.
- C. The user can download file from Content Library.
- D. The user cannot download file from Content Library.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 22

A user is given the "Virtual machine user (sample)" role in a vSphere 6.x environment.

Which three permissions would the user be able to perform? (Choose three.)

- A. Reset a virtual machine.
- B. Power on a virtual machine.
- C. Move a host into a cluster.
- D. Configure CD media.
- E. Migrate a virtual machine with Storage vMotion.

Answer: ([SHOW ANSWER](#))

Explanation/Reference:

Explanation:

A set of privileges to allow the user to interact with a virtual machine's console, insert media, and perform power operations.

NEW QUESTION: 23

What are the two valid storage controller types for VMs on ESXi 6.5? (Choose two.)

- A. FCoE

- B. SATA
- C. NVMe
- D. iSCSI

Answer: ([SHOW ANSWER](#))

Explanation/Reference:

Reference: https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.vsphere.vm_admin.doc/GUID-5872D173-A076-42FE-8D0B-9DB0EB0E7362.html

NEW QUESTION: 24

An administrator attempts to manually reclaim space on thin-provisioned VMFS6 volumes but finds that no additional space is being recovered.

Which could be causing this?

- A. vSphere 6.5 does not support manual UNMAP.
- B. The manual UNMAP operation has been moved to the vSphere web client.
- C. The VASA version in use is incompatible.
- D. UNMAP is automated for VMFS6.

Answer: ([SHOW ANSWER](#))

Explanation/Reference:

Explanation:

VMFS 6 is the new filesystem of vSphere 6.5. The new filesystem supports 512e advanced format drives and is 4098 sector (4K) aligned. It also supports automatic UNMAP, which asynchronously tracks freed blocks and sends UNMAPs to backend storage in background.

Reference:

https://kb.vmware.com/selfservice/microsites/search.do?language=en_US&cmd=displayKC&externalId=2147824

NEW QUESTION: 25

What counter should an administrator check to determine if a virtual machine is ballooning?

- A. swapinRate
- B. vmmemctltarget
- C. swapped
- D. vmmemctl

Answer: ([SHOW ANSWER](#))

Explanation/Reference:

Explanation:

Memory Ballooning is the memory reclamation technique used by hypervisor to reclaim the memory back from the virtual machine.

When ESXi host running low on physical memory, It uses ballooning driver (vmmemctl.sys) to determine the how much memory from virtual machines can be get back to prevent the hypervisor swapping.

Reference:

<https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.vsphere.monitoring.doc/GUID-88CA95AD-A583-4EF6-838E-D92C87B0BB00.html>

NEW QUESTION: 26

Which three requirements are needed to apply RAID 5 or RAID 6 erasure coding on a vSAN 6.2 or 6.5 object? (Choose three.)

- A. on Disk Format 3.0
- B. Hybrid vSAN
- C. All Flash vSAN
- D. vSAN Advanced License
- E. Stretched Cluster Configurations

Answer: ([SHOW ANSWER](#))

Explanation/Reference:

Explanation:

RAID 5 or RAID 6 Design Considerations for Virtual SAN:

RAID 5 or RAID 6 erasure coding is available only on all-flash disk groups.

On-disk format version 3.0 or later is required to support RAID 5 or RAID 6.

Need valid license to enable RAID 5/6 on a cluster.

RAID 5/6 is not supported on stretched VSAN clusters.

Enable deduplication and compression on the Virtual SAN cluster to achieve additional space savings.

NEW QUESTION: 27

A user is a member of groups A and B.

-VM10 and VM20 are in VM Folder.

-Group A is assigned permission "Read-only" on VM Folder.

What two configurations will allow the user to edit the settings for only VM10? (Choose two.)

- A. Assign group B permission "virtual machine console user" to VM10.
- B. Assign group A permission "virtual machine power user" to VM10.
- C. Assign group A permission "virtual machine console user" to VM10.
- D. Assign group B permission "virtual machine power user" to VM10.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 28

Which Host Profile Subprofile configuration is used to configure firewall settings for ESXi hosts?

- A. Advanced Configuration Settings
- B. General System Settings
- C. Security
- D. Networking

Answer: ([SHOW ANSWER](#))

Explanation/Reference:

Explanation:

<http://www.altaro.com/vmware/an-introduction-to-vmware-host-profiles/>

1. On the first screen you can set a name and description for the profile. On the second screen, you'll see a number of ESXi settings grouped under 5 generic sections or sub-profiles these being General, Advanced, Networking, Security and Storage. The firewall settings live under Security as shown in Figure
6. I only want to change firewall settings so I deselect any other checkbox save for the Firewall configuration bit. Pressing Finish commits the changes.

NEW QUESTION: 29

An administrator is trying to set up Host Partial Failure Response, but the Automated option is grayed out.

What can the administrator change to enable the Automated option?

- A.** Change the vSphere DRS Automation level to Partially Automated.
- B.** Change the vSphere DRS Automation level to Fully Automated.
- C.** Enable vSphere HA Host Monitoring.
- D.** Change the vSphere DPM Automation level to Automatic.

Answer: C ([LEAVE A REPLY](#))

Explanation/Reference:

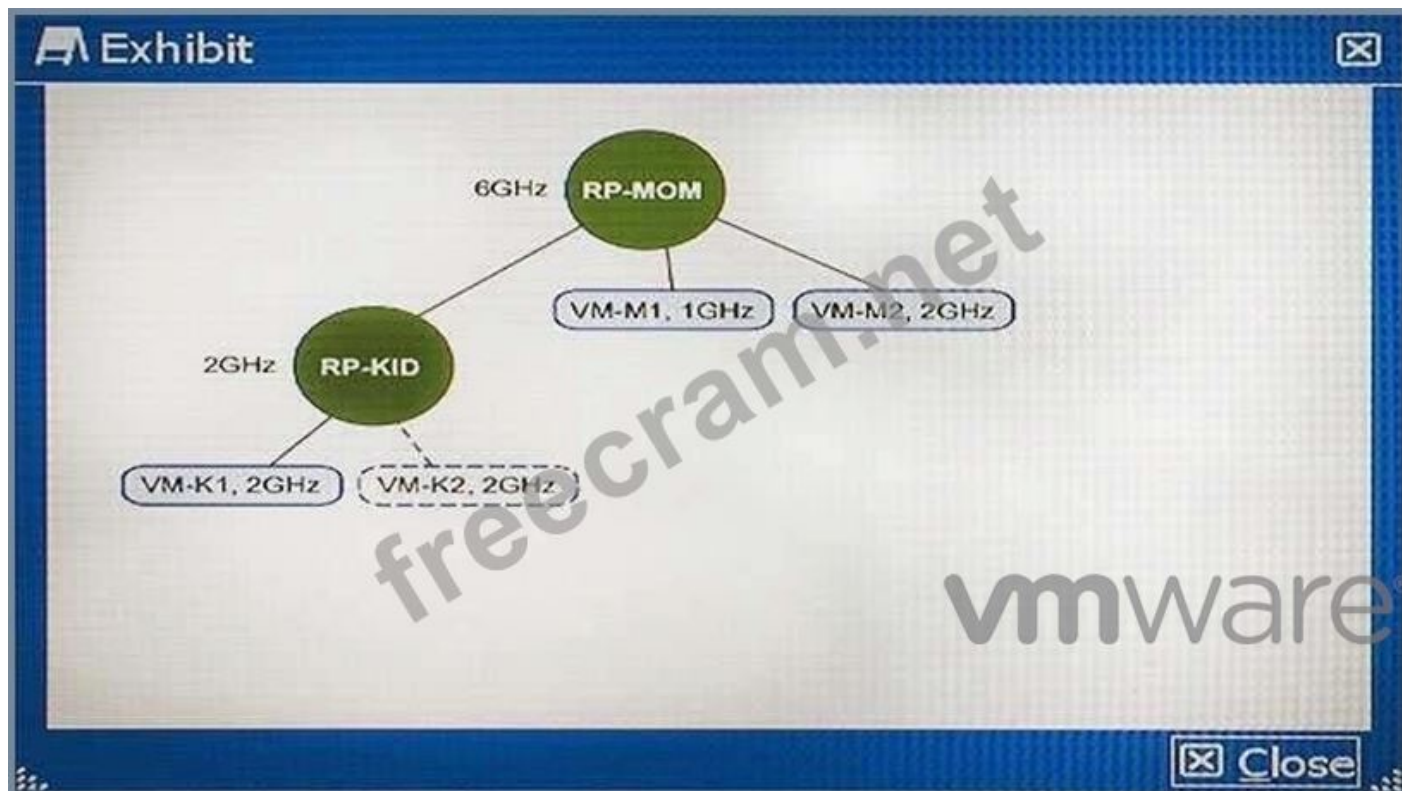
Answer B

Reference: <https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.vsphere.avail.doc/GUID-3E3B18CC-8574-46FA-9170-CF549B8E55B8.html>

NEW QUESTION: 30

The administrator wants to power on VM-K2, which has a 2GHz CPU reservation. VM-M1, VM-M2, and VM-K1 are all powered on. VM-K2 is not powered on.

The exhibit shows the parent and child resource reservations.



If Resource Pool RP-KID is configured with an expandable reservation, which statement is true?

- A. VM-K2 will be unable to power on because there are insufficient resources.
- B. VM-K2 will be able to power on since resource pool RP-KID has 2GHz available.
- C. VM-K2 will be unable to power on because only 2GHz are reserved for RP-KID.
- D. VM-K2 will receive resource priority and will be able to power on this scenario.

Answer: (SHOW ANSWER)

Explanation/Reference:

Reference:

<https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.vsphere.resmgmt.doc/GUID-8D813BB8-CE07-40F2-B2CA-269C1FB39475.html>

NEW QUESTION: 31

The storage vendor recommends adjusting the Fibre Channel HBA queue depth to resolve a performance problem.

Which esxcli namespace can a vSphere Administrator use to adjust the queue depth?

- A. esxcli system module parameters
- B. esxcli storage core device
- C. esxcli system module set
- D. esxcli storage core adapter

Answer: B (LEAVE A REPLY)

Explanation/Reference:

Reference:

<http://www.virtten.net/2016/11/vmware-esxi-6-5-esxcli-command-reference/>

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<https://www.examdiscuss.com/VMware/exam/2V0-622/premium/> (290 Q&As Dumps, **35%OFF**
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NEW QUESTION: 32

Which is the maximum number of block devices (LUNs) that are supported by ESXi hosts that are running version 6.5?

- A.** 1024
- B.** 512
- C.** 2048
- D.** 256

Answer: (SHOW ANSWER)

Explanation/Reference:

Explanation:

LUNs per server 512

Reference:

<https://www.vmware.com/pdf/vsphere6/r65/vsphere-65-configuration-maximums.pdf>

NEW QUESTION: 33

An administrator wants to restore the vCenter Server Appliance 6.5 from backup.

Where can this be accomplished?

- A.** from the ESXi Host Client
- B.** from the VMware vSphere Appliance Management Interface
- C.** from within the VMware vSphere Web Client
- D.** from the vCenter Server Appliance Installer

Answer: (SHOW ANSWER)

Explanation/Reference:

Explanation:

Launch the setup application of the VCSA 6.5 (from the ISO) and hit the Restore button > Deploy a new appliance >

Accept EULA >

Enter Backup details >

Review backup information >

Enter appliance deployment target (ESXi host) from them it is pretty similar to a clean deployment...

Reference:

<https://www.vladan.fr/vmware-vcsa-6-5-backup-and-restore-how-to/>

NEW QUESTION: 34

When enabling Storage DRS on a datastore cluster, which three components are enabled as a result?
(Choose three.)

- A. Space load balancing among datastore within the datastore cluster.
- B. Initial placement for virtual disks based on space and I/O workload.
- C. I/O load balancing among datastores within the datastore cluster.
- D. Queue Depth alerting on disks within the datastore cluster.
- E. Data de-duplication within the datastore cluster.

Answer: (SHOW ANSWER)

Explanation/Reference:

Explanation:

When you enable Storage DRS, you enable these functions:

Space load balancing among datastores within a datastore cluster

I/O load balancing among datastores within a datastore cluster

Initial placement for virtual disks based on space and I/O workload

Reference:

[https://kb.vmware.com/selfservice/microsites/search.do?](https://kb.vmware.com/selfservice/microsites/search.do?language=en_US&cmd=displayKC&externalId=2032910)

[language=en_US&cmd=displayKC&externalId=2032910](https://kb.vmware.com/selfservice/microsites/search.do?language=en_US&cmd=displayKC&externalId=2032910)

NEW QUESTION: 35

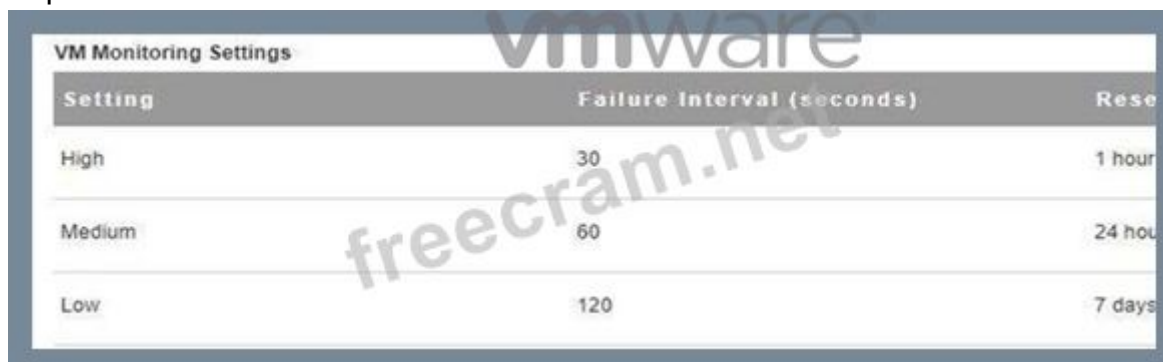
What VM Monitoring setting would ensure that the failure interval for a virtual machine is defined as 120 seconds?

- A. High
- B. Normal
- C. Low
- D. Medium

Answer: (SHOW ANSWER)

Explanation/Reference:

Explanation:



VM Monitoring Settings		
Setting	Failure Interval (seconds)	Reset Interval
High	30	1 hour
Medium	60	24 hours
Low	120	7 days

Reference:

NEW QUESTION: 36

Which two storage technologies are supported for MSCS? (Choose two.)

- A. iSCSI
- B. NFS
- C. FC
- D. VAAI

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 37

When upgrading a VMware vSAN cluster to version 6.5, which two tasks must be completed to comply with upgrade requirements and VMware-recommended best practices? (Choose two.)

- A. Use only the "Full data migration" maintenance mode option.
- B. Use the latest available ESXi version.
- C. Use RVC to upgrade the hosts.
- D. Back up all VMs.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 38

A security officer has issued a new directive that users will no longer have access to change connected network adapters to limit denial of service on a virtual machine.

Which two correct virtual machine advanced configuration parameters will accomplish this? (Choose two.)

- A. isolation.device.edit.disable = "FALSE"
- B. isolation.device.edit.disable = "TRUE"
- C. isolation.device.connectable.disable = "FALSE"
- D. isolation.device.connectable.disable = "TRUE"

Answer: ([SHOW ANSWER](#))

Explanation/Reference:

Reference:

<https://pubs.vmware.com/vsphere-51/index.jsp?topic=%2Fcom.vmware.vsphere.security.doc%2FGUID-F88A5FED-552B-44F9-A168-C62D9306DBD6.html>

NEW QUESTION: 39

Which two situations could cause a virtual machine to appear with (orphaned) appended to its name? (Choose two.)

- A. if a host failover is unsuccessful
- B. if a virtual machine was removed from vCenter Server's inventory
- C. if a virtual machine was deployed from template, and the template has been deleted
- D. if a virtual machine is unregistered directly on the host

Answer: (SHOW ANSWER)

Explanation/Reference:

Explanation:

Virtual machines can become orphaned if a host failover is unsuccessful, or when the virtual machine is unregistered directly on the host. If this situation occurs, move the orphaned virtual machine to another host in the datacenter that has access to the datastore on which the virtual machine files are stored.

Reference:

https://pubs.vmware.com/vsphere-50/index.jsp?topic=%2Fcom.vmware.vsphere.troubleshooting.doc_50%2FGUID-BFD8C9BC-30FB-4A92-AFEC-2FC9FF387920.html

NEW QUESTION: 40

What are two features introduced in Network I/O Control version 3? (Choose two.)

- A.** Bandwidth reservation per traffic type
- B.** Network resource pools
- C.** CoS tagging
- D.** Bandwidth guarantee to virtual machines

Answer: (SHOW ANSWER)

Explanation/Reference:

Explanation:

Version 3 of the Network I/O Control feature offers improved network resource reservation and allocation across the entire switch.

Models for Bandwidth Resource Reservation

Network I/O Control version 3 supports separate models for resource management of system traffic related to infrastructure services, such as vSphere Fault Tolerance, and of virtual machines.

The two traffic categories have different nature. System traffic is strictly associated with an ESXi host. The network traffic routes change when you migrate a virtual machine across the environment. To provide network resources to a virtual machine regardless of its host, in Network I/O Control you can configure resource allocation for virtual machines that is valid in the scope of the entire distributed switch.

Bandwidth Guarantee to Virtual Machines

Network I/O Control version 3 provisions bandwidth to the network adapters of virtual machines by using constructs of shares, reservation and limit. Based on these constructs, to receive sufficient bandwidth, virtualized workloads can rely on admission control in vSphere Distributed Switch, vSphere DRS and vSphere HA

Reference:

<https://docs.vmware.com/en/VMware-vSphere/6.0/com.vmware.vsphere.networking.doc/GUID-98E0B3C2-52A7-4CAB-A839-4DA82A9F6D3A.html>

NEW QUESTION: 41

Which two statements are true for Predictive DRS? (Choose two.)

- A. It balances resource utilization for virtual machines with unpredictable utilization patterns.
- B. It integrates DRS with vRealize Operations Manager to balance workloads for virtual machines before resource utilization spikes occur.
- C. It balances resource utilization based on a threshold's algorithm that runs each night.
- D. It determines the best placement and balance of virtual machines based on a threshold's algorithm that runs each night in vCenter Server 6.5 Database.

Answer: ([SHOW ANSWER](#))

Explanation/Reference:

Explanation:

Predictive DRS using a combination of DRS and vRealize Operations Manager to predict future demand and determine when and where hot spots will occur. When future hot spots are found, Predictive DRS moves the workloads long before any contention can occur.

Each night it runs its Dynamic Threshold calculations which uses sophisticated analytics to create a band of what is "normal" for each metric/object combination

Reference:

<https://blogs.vmware.com/management/2016/11/predictive-drs.html>

NEW QUESTION: 42

Which metric in the Exhibit would identify high latency for a storage device?

6:16:06 pm up 77 days 19:07, 817 worlds, 15 VMs, 30 vCPU; CPU load average: 0.06, 0.07, 0.07								
ADAPTR PATH	NPTH	CMDS/s	READS/s	WRITES/s	MBREAD/s	MBWRTN/s	DAVG/cmd	KAVG/cmd
vmhba0 -	1	0.76	0.19	0.57	0.00	0.00	0.08	0.01
vmhba1 -	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
vmhba2 -	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
vmhba32 -	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
vmhba33 -	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
vmhba34 -	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
vmhba35 -	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
vmhba36 -	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
vmhba37 -	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
vmhba38 -	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
vmhba39 -	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
vmhba40 -	12	52.64	1.34	49.78	0.00	1.72	3.91	0.01

- A. QAVG/cmd
- B. KAVG/cmd
- C. DAVG/cmd
- D. GAVG/cmd

Answer: ([SHOW ANSWER](#))

Explanation/Reference:

Explanation:

Column	Description
CMDS/s	This is the total amount of commands per second and includes IOPS (Input/Output C Second) and other SCSI commands such as SCSI reservations, locks, vendor string r attention commands etc. being sent to or coming from the device or virtual machine monitored. In most cases, CMDS/s = IOPS unless there are a lot of metadata operations (such as reservations)
DAVG/cmd	This is the average response time in milliseconds per command being sent to the dev
KAVG/cmd	This is the amount of time the command spends in the VMkernel.
GAVG/cmd	This is the response time as it is perceived by the guest operating system. This numb calculated with the formula: DAVG + KAVG = GAVG

Reference:

https://kb.vmware.com/selfservice/microsites/search.do?language=en_US&cmd=displayKC&externalId=1008205

NEW QUESTION: 43

Virtual Volumes supports which three VMware features? (Choose three.)

- A. Instant Clones
- B. Distributed Resource Scheduler
- C. Linked Clones
- D. vMotion
- E. Storage Distributed Resource Scheduler

Answer: B,C,D (LEAVE A REPLY)

Explanation/Reference:

Reference: <https://kb.vmware.com/s/article/2112039>

NEW QUESTION: 44

Where would a vSphere administrator find general vCenter Server logs on a vCenter Server Appliance?

- A. /var/log/vmware/vpxd/
- B. /var/log/messages
- C. /etc/vmware-vpx/
- D. /var/log/vmware/vsan-health/

Answer: (SHOW ANSWER)

Explanation/Reference:

Explanation:

The VMware vCenter Server Appliance 6.0 logs are located in the /var/log/vmware/ folder.
vpxd/vpxd.log -> The main vCenter Serverlog

Reference:

<https://kb.vmware.com/selfservice/microsites/search.do?>

language=en_US&cmd=displayKC&externalId=2110014

NEW QUESTION: 45

Which three design requirements must be satisfied to enable RAID-6 objects in a VMware vSAN cluster?

(Choose three.)

- A. vSAN Advanced license or higher
- B. vSAN stretched cluster
- C. at least six hosts contributing storage
- D. deduplication and compression
- E. All Flash configuration

Answer: (SHOW ANSWER)

Explanation/Reference:

Reference:

[https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.vsphere.virtualsan.doc/GUID-AD408FA8-](https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.vsphere.virtualsan.doc/GUID-AD408FA8-5898-4541-9F82-FE72E6CD6227.html)

[5898-4541-9F82-FE72E6CD6227.html](https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.vsphere.virtualsan.doc/GUID-AD408FA8-5898-4541-9F82-FE72E6CD6227.html)

[https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.vsphere.virtualsan.doc/GUID-ED76D553-](https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.vsphere.virtualsan.doc/GUID-ED76D553-0AB5-44EC-BEB7-A054C5BAE7A3.html)

[0AB5-44EC-BEB7-A054C5BAE7A3.html](https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.vsphere.virtualsan.doc/GUID-ED76D553-0AB5-44EC-BEB7-A054C5BAE7A3.html)

<https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.vsphere.virtualsan.doc/GUID-6D818555-8DE8-4F06-9498-66903FB9C775.html>

NEW QUESTION: 46

How can a vSphere administrator ensure that a set of virtual machines run on different hosts in a DRS cluster?

- A. Use a VM-Host affinity rule.
- B. Add the VMs to a vApp.
- C. Use a VM-VM affinity rule.
- D. Place the VMs in different folders.

Answer: (SHOW ANSWER)

Explanation/Reference:

Reference:

[https://pubs.vmware.com/vsphere-51/index.jsp?topic=%2Fcom.vmware.vsphere.resmgmt.doc%2FGUID-](https://pubs.vmware.com/vsphere-51/index.jsp?topic=%2Fcom.vmware.vsphere.resmgmt.doc%2FGUID-94FCC204-115A-4918-9533-BFC588338ECB.html)

[94FCC204-115A-4918-9533-BFC588338ECB.html](https://pubs.vmware.com/vsphere-51/index.jsp?topic=%2Fcom.vmware.vsphere.resmgmt.doc%2FGUID-94FCC204-115A-4918-9533-BFC588338ECB.html)

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NEW QUESTION: 47

When migrating a Windows vCenter Server 6.0 to the vCenter Server Appliance 6.5, which two will be migrated by default? (Choose two.)

- A. Local Windows OS users and groups
- B. Configuration
- C. Custom ports
- D. FQDN
- E. Historical and Performance data

Answer: B,D (LEAVE A REPLY)

Explanation/Reference:

Reference:

<https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.vsphere.upgrade.doc/GUID-5E19B79A-AE4F-497A-9047-3E9AAC1D7767.html>

NEW QUESTION: 48

When troubleshooting VMware vCenter Server issues, when logging level provides maximum detail?

- A. Verbose
- B. Trivia
- C. Info
- D. Error

Answer: (SHOW ANSWER)

Explanation/Reference:

Reference: <https://kb.vmware.com/s/article/1001584>

NEW QUESTION: 49

Which two statements describe why a vSphere DRS cluster would report load imbalance? (Choose two.)

- A. The configured migration threshold is too high.
- B. The configured migration threshold is too low.
- C. DRS is configured for Partially Automated.
- D. Enhanced vMotion Compatibility (EVC) is enabled.

Answer: (SHOW ANSWER)

Explanation/Reference:

Reference:

<https://docs.vmware.com/en/VMware-vSphere/5.5/com.vmware.vsphere.troubleshooting.doc/GUID-0C132C85-E7BF-445E-925D-31420A06B01C.html>

NEW QUESTION: 50

An ESXi host's VMCA-Signed certificate has expired. How can the certificate be renewed?

- A. In the vSphere Web Client, browse to the host in question. Click the Manage tab and select settings. Select System and click Certificate, then click the Renew button.
- B. In the vSphere Web Client, browse to the host in question. Click the Manage tab and select settings. Select System and click Certificate, then click the Refresh CA Certificates button.
- C. Run the command `/sbin/generate-certificates` on the affected host.
- D. Disconnect the host from vCenter Server and reconnect it.

Answer: (SHOW ANSWER)

Explanation/Reference:

Explanation:

You can renew your certificates when they are about to expire, or if you want to provision the host with a new certificate for other reasons. If the certificate is already expired, you must disconnect the host and reconnect it.

Reference:

<https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.vsphere.security.doc/GUID-ECFD1A29-0534-4118-B762-967A113D5CAA.html>

NEW QUESTION: 51

When using "Cluster resource percentage" for host failover capacity in vSphere HA Admission Control, the total resource requirements are calculated from which two values? (Choose two.)

- A. Total vCPUs assigned to each VM.
- B. Average CPU usage on each VM over time.
- C. Memory reservations on each VM.
- D. Total memory assigned to each VM.
- E. Average active memory on each VM over time.
- F. CPU reservations on each VM.

Answer: (SHOW ANSWER)

Explanation/Reference:

Reference:

<https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.vsphere.avail.doc/GUID-FAFEFEFF-56F7-4CDF-A682-FC3C62A29A95.html>

NEW QUESTION: 52

Which two statements are true for NFS v4.1 firewall behavior? (Choose two.)

- A. It closes port 2049.
- B. It sets allowed. All flag to TRUE.
- C. It sets allowed. All flag to FALSE.
- D. It opens port 2049.

Answer: ([SHOW ANSWER](#))

Explanation/Reference:

Explanation:

NFS v4.1 Firewall Behavior

When you mount the first NFS v4.1 datastore, ESXi enables the nfs41client rule set and sets its allowedAll flag to TRUE. This action opens port 2049 for all IP address. Unmounting an NFS v4.1 datastore does not affect the firewall state. That is, the first NFS v4.1 mount opens port 2049 and that port remains enabled unless you close it explicitly.

	Label	Incoming Ports	Outgoing Ports	Protocols	Da
☒	SynologyNasPlugin	2049	2049,111	TCP,UDP	N/

Reference:

<https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.vsphere.storage.doc/GUID-70686ADB-961A-46BD-B814-48DCF6C5E34B.html>

NEW QUESTION: 53

Which two choices are applicable to vSphere Availability? (Choose two.)

- A. Heartbeat Datastores
- B. VM Startup/Shutdoown
- C. Power Management
- D. Admission Control

Answer: ([SHOW ANSWER](#))

Explanation/Reference:

Reference: <https://docs.vmware.com/en/VMware-vSphere/6.5/vsphere-esxi-vcenter-server-65-availability-guide.pdf>

NEW QUESTION: 54

vSphere Availability considers which two factors for virtual machine restarts? (Choose two.)

- A. Host Isolation Response
- B. file accessibility
- C. NUMA node size
- D. resource reservations

Answer: ([SHOW ANSWER](#))

Explanation/Reference:

Reference: <https://docs.vmware.com/en/VMware-vSphere/6.5/vsphere-esxi-vcenter-server-65-availability-guide.pdf> page 16-17

NEW QUESTION: 55

What two enhancements are in VMFS6 but not in VMFS5? (Choose two.)

- A. Support for 4k native disks
- B. Support for 512e disks
- C. GPT storage device partitioning
- D. Automatic space reclamation

Answer: ([SHOW ANSWER](#))

Explanation/Reference:

Explanation:

Feature & Functionality	VMFS6	VMFS5
Can vSphere 6.5 host access?	Yes	Yes
Can vSphere 6.0 and earlier hosts access?	No	Yes
VMFS Datastores per Host	512*	512*
512n storage device support	Yes	Yes
512e storage device support	Yes	Yes (Not on local 512e devices)
Automatic space reclamation (UNMAP)	Yes	No
Manual space reclamation (esxcli)	Yes	Yes
Space reclamation within guest OS	Yes	Limited
GPT storage device partitioning	Yes	Yes
MBR storage device partitioning	No	Yes
Block size	1MB	1MB
Default snapshot type	SEsparse	VMFSsparse (virtual disks < 2 TB) SEsparse (virtual disks > 2 TB)
Virtual disk emulation type	512n	512n
Support of small files of 1 KB	Yes	Yes

Reference:

<http://vsphere-land.com/news/a-comparison-of-vmfs5-vmfs6-in-vsphere-6-5.html>

NEW QUESTION: 56

Which two new vSphere 6.5 features enable an Administrator to locate configuration options when creating or editing host profiles more easily than in previous versions? (Choose two.)

- A. Add the configuration option to favorites.
- B. Navigate the option tree.

- C. Search for the configuration option.
- D. Copy the configuration option from a different profile.

Answer: ([SHOW ANSWER](#))

Explanation/Reference:

Reference: <http://searchvmware.techtarget.com/tip/Use-VMware-Host-Profiles-to-create-consistent-configuration-settings>

NEW QUESTION: 57

Which three are supported upgrade processes for ESXi host? (Choose three.)

- A. using vSphere Auto Deploy
- B. using a TFTP server
- C. using Update Manager
- D. using an ESXCLI command
- E. installing from CIFS share

Answer: ([SHOW ANSWER](#))

Explanation/Reference:

Reference:

<https://docs.vmware.com/en/VMware-vSphere/6.5/vsphere-esxi-vcenter-server-65-upgrade-guide.pdf>

NEW QUESTION: 58

Which two types of iSCSI adapters require VMkernel networking configuration? (Choose two.)

- A. dependent hardware
- B. in-guest
- C. software
- D. independent hardware

Answer: ([SHOW ANSWER](#))

Explanation/Reference:

Reference:

<https://pubs.vmware.com/vsphere-55/index.jsp?topic=%2Fcom.vmware.vsphere.storage.doc%2FGUID-C476065E-C02F-47FA-A5F7-3B3F2FD40EA8.html>

NEW QUESTION: 59

Which statement regarding datastore clusters meets VMware's recommended best practices?

- A. Clusters should contain only datastores presented from the same storage array.
- B. Clusters should contain only datastores with equal hardware acceleration capability.
- C. Clusters should contain only datastores with the same capacity.
- D. Clusters should contain only datastores using the same connection method (iSCSI, FC, etc.).

Answer: ([SHOW ANSWER](#))

Explanation/Reference:

Reference:

<https://docs.vmware.com/en/VMware-vSphere/5.5/com.vmware.vsphere.resmgmt.doc/GUID-34A10B42-C79E-491C-A5AA-99E3B5FA2278.html>

NEW QUESTION: 60

Which two options can optimize conversion with VMware Converter? (Choose two.)

- A. Disable real-time antivirus scanners.
- B. Remove the source from Active Directory.
- C. Remove third-party device drivers.
- D. Exclude diagnostic partitions from conversion.
- E. Disable Volume Shadow Copy (VSS).

Answer: ([SHOW ANSWER](#))

Explanation/Reference:

Explanation:

Optimizing the conversion for best success

To set up conversion for the best success:

If you are encountering failures with Converter, reduce the number of optional items in the Conversion Wizard:

Do not convert diagnostic partitions or unrecognized file systems.

If you are experiencing cloning phase failures, do not choose to resize the partitions.

If there are multiple volumes, attempt converting only the system volume.

If you are experiencing network or Ethernet issues, try using a different network type.

Leave the default number of virtual network cards (NICs) unaltered. The number of virtual NICs can be changed after conversion has completed.

Deselect the option to install VMware Tools.

Deselect the option to perform Customization on the virtual machine.

To prepare for conversion:

If the source is a domain controller, special considerations must be made. VMware does not recommend virtualizing an active domain controller with Converter.

If the source is Microsoft Exchange, SQL, or other database server, VMware recommends that the application (Microsoft Exchange/SQL) and database services be shut down prior to conversion. This minimizes any chance of corrupted database tables or stale data in the destination virtual machine.

Disable the real-time antivirus scanning during the conversion.

Reference: <https://kb.vmware.com/s/article/1004588>

NEW QUESTION: 61

Which storage feature always requires the use of third-party software on ESXi?

- A. Hardware Acceleration for NAS devices

- B. VVOL
- C. Hardware Acceleration for Block Devices
- D. VM Storage Policies

Answer: ([SHOW ANSWER](#))

Explanation/Reference:

Explanation:

With the hardware acceleration, ESXi hosts can integrate with NAS devices and use several hardware operations that NAS storage provides. The hardware acceleration uses vSphere APIs for Array Integration (VAAI) to facilitate communications between the hosts and storage devices.

Reference:

<https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.vsphere.storage.doc/GUID-F0FA0117-D48F-4F6F-BE3F-A06BF26F742C.html>

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NEW QUESTION: 62

Which statement applies to the vSphere Replication appliance?

- A. Only one vSphere Replication appliance can be deployed per vCenter Server instance.
- B. VMware Tools in the vSphere Replication appliance can be upgraded.
- C. A single vSphere Replication appliance can manage a maximum of 4000 replications.
- D. vSphere Replication is available only with the vSphere Essentials Plus license.

Answer: ([SHOW ANSWER](#))

Explanation/Reference:

Reference:

<https://docs.vmware.com/en/vSphere-Replication/6.5/vsphere-replication-65-install.pdf>

NEW QUESTION: 63

An administrator has enabled vSphere Distributed Switch Health Check. The hosts connected to that Distributed Switch all display an alert:

vSphere Distributed Switch MTU supported status

The administrator has all of the VMkernel ports MTU sizes set to 1600.

Which action will remedy this problem?

- A. Configure the Distributed Switch to MTU 9100.
- B. Disconnect and reconnect the physical network cable.

C. Configure the physical switch to MTU 1600.

D. Disable the Distributed Switch MTU.

Answer: ([SHOW ANSWER](#))

Explanation/Reference:

Explanation:

You can increase the MTU size up to 9000 bytes. Therefore, a MTU of 9100 is not supported. The MTU configured in the VDS must match the physical switch configured MTU.

Reference:

<https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.vsphere.networking.doc/GUID-53F968D9-2F91-41DA-B7B2-48394D997F2A.html>

NEW QUESTION: 64

Which CLI command shows the physical uplink status for a vmnic?

A. esxcli network ip connection list

B. esxcli network ip neighbor list

C. esxcli network nic get

D. esxcli network nic list

Answer: ([SHOW ANSWER](#))

Explanation/Reference:

Reference:

https://vdc-repo.vmware.com/vmwb-repository/dcr-public/26334f54-ee84-47c2-b2f3-901f51cbc98a/d3f55719-4d3f-47c4-a3c5-fe9c7e5a67f6/doc/esxcli_network.html

NEW QUESTION: 65

Which three directories are available under the vcsa-cli-installer folder of the vCenter ServerAppliance installation media? (Choose three.)

A. \mac

B. \ovftool

C. \migration-assistant

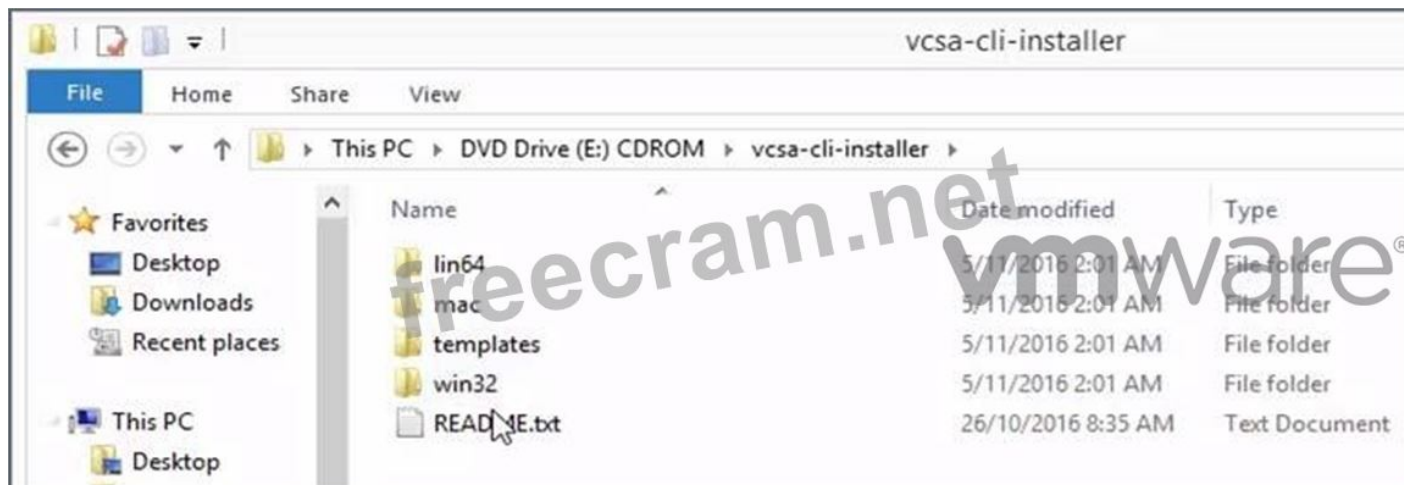
D. \win32

E. \lin64

Answer: ([SHOW ANSWER](#))

Explanation/Reference:

Explanation:



Reference:

<https://virtualtassie.com/2017/vsphere-6-5-cli-vcsa-embedded-deployment-walkthrough/>

NEW QUESTION: 66

When you attempt to open a virtual machine console from the vSphere Web Client, the console does not connect. The following error message appears:

HTTP ERROR 404

Problem accessing/.Reason:

Not Found

Why did not connect?

- A. Port 443 is in use.
- B. Port 9443 is in use.
- C. Port 8443 is in use.
- D. Port 22443 is in use.

Answer: ([SHOW ANSWER](#))

Explanation/Reference:

Explanation:

Another program or process is using port 9443, the default port used by the HTML5 virtual machine console.

Reference:

<https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.vsphere.troubleshooting.doc/GUID-8536C14F-4D4F-4674-846E-08BE321B7A11.html>

NEW QUESTION: 67

An administrator is trying to vMotion a VM from his datacenter to a recovery site. Which is the maximum allowed RTT (Round-Trip Time) latency between source and destination host?

- A. 100 milliseconds
- B. 150 milliseconds
- C. 15 milliseconds
- D. 10 milliseconds

Answer: ([SHOW ANSWER](#))

Explanation/Reference:

Explanation:

Round-Trip Time for Long-Distance vMotion Migration

If you have the proper license applied to your environment, you can perform reliable migrations between hosts that are separated by high network round-trip latency times. The maximum supported network round-trip time for vMotion migrations is 150 milliseconds. This round-trip time lets you migrate virtual machines to another geographical location at a longer distance.

Reference:

<https://docs.vmware.com/en/VMware-vSphere/6.0/com.vmware.vsphere.vcenterhost.doc/GUID-3B41119A-1276-404B-8BFB-A32409052449.html>

NEW QUESTION: 68

What is the supported protocol to perform remote L3 traffic monitoring in vSphere 6.5?

- A. VXLAN
- B. ERSPAN
- C. RSPAN
- D. SPAN

Answer: (SHOW ANSWER)

Explanation/Reference:

Reference: <https://docs.extrahop.com/6.2/configure-erspan-vmware/>

NEW QUESTION: 69

What are three considerations when booting ESXi host from SAN software FCoE? (Choose three.)

- A. The VMware_FCoE_vSwitch that the installer automatically created cannot be changed.
- B. Boot LUN cannot be shared with other hosts even on shared storage.
- C. Multipathing is not supported at pre-boot.
- D. Software FCoE boot configuration cannot be changed from within ESXi.

Answer: (SHOW ANSWER)

Explanation/Reference:

Reference: <https://kb.vmware.com/s/article/2032363>

NEW QUESTION: 70

An administrator is troubleshooting network communications between a vCenter Server and an ESXi 6.5 host.

Which log shows the related events between these components?

- A. /var/log/fdm.log
- B. /var/log/vpxa.log
- C. /var/log/hostd.log
- D. /var/log/auth.log

Answer: (SHOW ANSWER)

Explanation/Reference:

Reference:

<https://pubs.vmware.com/vsphere-60/topic/com.vmware.vsphere.monitoring.doc/GUID-832A2618-6B11-4A28-9672-93296DA931D0.html>

NEW QUESTION: 71

When installing vCenter Converter Standalone, why must an administrator perform a client-server installation instead of a local installation?

- A. to manage conversion tasks remotely
- B. to convert virtual machines as well as physical machines
- C. to allow installation of the Converter agent on remote source machines
- D. to hot clone physical or virtual machines

Answer: (SHOW ANSWER)

Explanation/Reference:

Explanation:

Perform a Client-Server Installation in Windows

Perform a client-server installation so that you can create and manage conversion tasks remotely

Reference:

https://www.vmware.com/pdf/convsa_61_guide.pdf page 11

NEW QUESTION: 72

"OneAppServer" is a VM template stored in a content library named "LibraryOne", but the vSphere administrator is not able to use this template for deployment.

Why is the administrator unable to deploy OneAppServer?

- A. OneAppServer must be updated before it can be deployed.
- B. LibraryOne is a subscribed library and OneAppServer is not downloaded yet.
- C. LibraryOne is published and optimized for syncing over HTTP.
- D. OneAppServer was imported from a local file on the system.

Answer: (SHOW ANSWER)

Explanation/Reference:

Explanation:

The administrator is unable to deploy OneAppServer because LibraryOne is published and optimized for syncing over HTTP. If the syncing is enabled, you cannot use this template for deployment.

NEW QUESTION: 73

In vSphere Data Protection 6.1, which is the function of a Backup Verification job?

- A. None. Backup Verification job is not a feature of vSphere Data Protection
- B. It is a manual task
 - Power it on
 - Verify the guest OS
 - Check started applications
- C. It is an automatic process

- Restore a virtual machine
- Power it on
- Verify that the guest OS is booted by communicating with the Backup Verification agent

D. It is an automatic process

- Restore a virtual machine
- Power it on
- Verify that the guest OC is booted by detecting the VMware Tools™ "heartbeats"

Answer: ([SHOW ANSWER](#))

Explanation/Reference:

Explanation:

Automatic Backup Verification (ABV) is a scheduled or on-demand mechanism for verification of backups that ensures the integrity of restore points.

Heartbeat Verification:

The heartbeat verification checks whether the VMware Tools heartbeat has been received within a specific timeframe after the VM has powered on. If the VMware Tools heartbeat is received, the guest OS has booted successfully and is in a healthy state.

Reference:

https://blogs.vmware.com/vsphere/files/2013/12/ABV_technical_white_paper.pdf page 8

NEW QUESTION: 74

An administrator has recently upgraded from vSphere 6.0 to 6.5, and can no longer see the software iSCSI named vmhba33.

Which could be the reason for this?

- A.** The upgrade has changed the vmhba name.
- B.** vSphere 6.5 automates iSCSI configurations.
- C.** vSphere 6.5 no longer supports software iSCSI.
- D.** The upgrade has deleted the vmhba.

Answer: ([SHOW ANSWER](#))

Explanation/Reference:

Explanation:

In vSphere 6.5, the name assigned to the iSCSI software adapter is different from the earlier releases. After you upgrade to the vSphere 6.5 release, the name of the existing software iSCSI adapter, vmhbaXX, changes.

Reference:

<https://docs.vmware.com/en/VMware-vSphere/6.5/rn/vsphere-esxi-vcenter-server-65-release-notes.html#storageissues>

NEW QUESTION: 75

The business managers have asked the IT administrator to ensure configuration compliance in the vSphere infrastructure. The IT administrator wants to use Host Profiles to accomplish this, but is unable to do so.

Why is the administrator unable to use Host Profiles?

- A. The infrastructure uses a vSphere Standard license.
- B. The infrastructure has servers with various CPU families.
- C. The user has only the "Administrator" role.
- D. Host Profiles apply only to storage settings.

Answer: A ([LEAVE A REPLY](#))

Explanation/Reference:

Reference:

<https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.vsphere.hostprofiles.doc/GUID-7500B48E-6353-4FCB-A03E-C0295E5ADD46.html>

NEW QUESTION: 76

An administrator sees the following error in the log files:

```
Lost access to volume 496befed-1c79c817-6beb-001ec9b60619 (san-  
lun-100) due to connectivity issues.
```

Which two events could be the source of the error message? (Choose two.)

- A. vCenter Server failure
- B. VXLAN failure
- C. Disk array failure
- D. Network failure
- E. ESXi host failure

Answer: (SHOW ANSWER)

Explanation/Reference:

Explanation:

To determine why the heartbeat, I/O operations never complete:

Note the date/time when the lost access to volume message was reported and check the ESXi host logs for related information.

Verify that there are no connectivity issues between the ESXi host and the storage device.

Reference:

https://kb.vmware.com/selfservice/microsites/search.do?language=en_US&cmd=displayKC&externalId=2136081

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NEW QUESTION: 77

When performing a vCenter Server 5.5 for Windows with Microsoft SQL Server Express database migration to vCenter Server Appliance 6.5, which will be the target database?

- A. Microsoft SQL Server Express 2012R2
- B. Microsoft SQL Server Standard 2012R2
- C. PostgreSQL
- D. Oracle DB 11g

Answer: (SHOW ANSWER)

Explanation/Reference:

Explanation:

The vCenter Server 6.0 embedded Microsoft SQL Server Express database is replaced with an embedded PostgreSQL database during the upgrade to vCenter Server 6.5. The maximum inventory size that applied for Microsoft SQL Server Express still applies for PostgreSQL.

Reference:

<https://docs.vmware.com/en/VMware-vSphere/6.5/vsphere-esxi-vcenter-server-65-upgrade-guide.pdf>

NEW QUESTION: 78

What can prevent Storage DRS from functioning on a datastore?

- A. The datastore is configured for Virtual Machine Swapfile location.
- B. The datastore is shared across multiple datacenters.
- C. The datastore is connected to a host that is running Storage I/O Control.
- D. Storage DRS advanced option IgnoreAffinityRulesForMaintenance is set to 1.

Answer: (SHOW ANSWER)

Explanation/Reference:

Reference: [https://pubs.vmware.com/vsphere-50/index.jsp?topic=%](https://pubs.vmware.com/vsphere-50/index.jsp?topic=%2Fcom.vmware.vsphere.troubleshooting.doc_50%2FGUID-976F5B21-8C64-4C85-BE75-0D86655E32DD.html)

[2Fcom.vmware.vsphere.troubleshooting.doc_50%2FGUID-976F5B21-8C64-4C85-BE75-0D86655E32DD.html](https://pubs.vmware.com/vsphere-50/index.jsp?topic=%2Fcom.vmware.vsphere.troubleshooting.doc_50%2FGUID-976F5B21-8C64-4C85-BE75-0D86655E32DD.html)

Reference: <https://kb.vmware.com/s/article/2149938>

<https://docs.vmware.com/en/VMware-vSphere/6.7/com.vmware.vsphere.vcenterhost.doc/GUID-A16BA123-403C-4D13-A581-DC4062E11165.html>

NEW QUESTION: 79

Which are four attributes of the Active vCenter HA node? (Choose four)

- A. It uses the vCenter HA network to communicate with the Witness node.
- B. It constantly replicates vPostgres data with the Witness node.
- C. It uses a public IP address for the management interface.
- D. It runs the active vCenter Server Appliance instance.
- E. It uses the vCenter HA network for replication of data to the Passive node.

F. It provides a quorum to protect against split-brain situations.

Answer: (SHOW ANSWER)

Explanation/Reference:

Explanation:

vCenter HA Nodes	
Node	Description
Active	• Runs the active vCenter Server Appliance instance • Uses a public IP address for the management interface • Uses the vCenter HA network for replication of data to the Passive node. • Uses the vCenter HA network to communicate with the Witness node.

Reference:

<https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.vsphere.avail.doc/GUID-2D395533-4C7C-45A6-9B5C-0A78C3E3A5C8.html>

NEW QUESTION: 80

Which three statements are correct regarding booting an ESXi Host from Fibre Channel SAN? (Choose three.)

- A. Direct connect topology is supported.
- B. Each host must have its own boot LUN.
- C. ESXi hosts do not require local storage.
- D. Multipathing to a boot LUN on an active-passive array is supported.
- E. Hosts can share one common boot LUN.

Answer: A,B,C (LEAVE A REPLY)

Explanation/Reference:

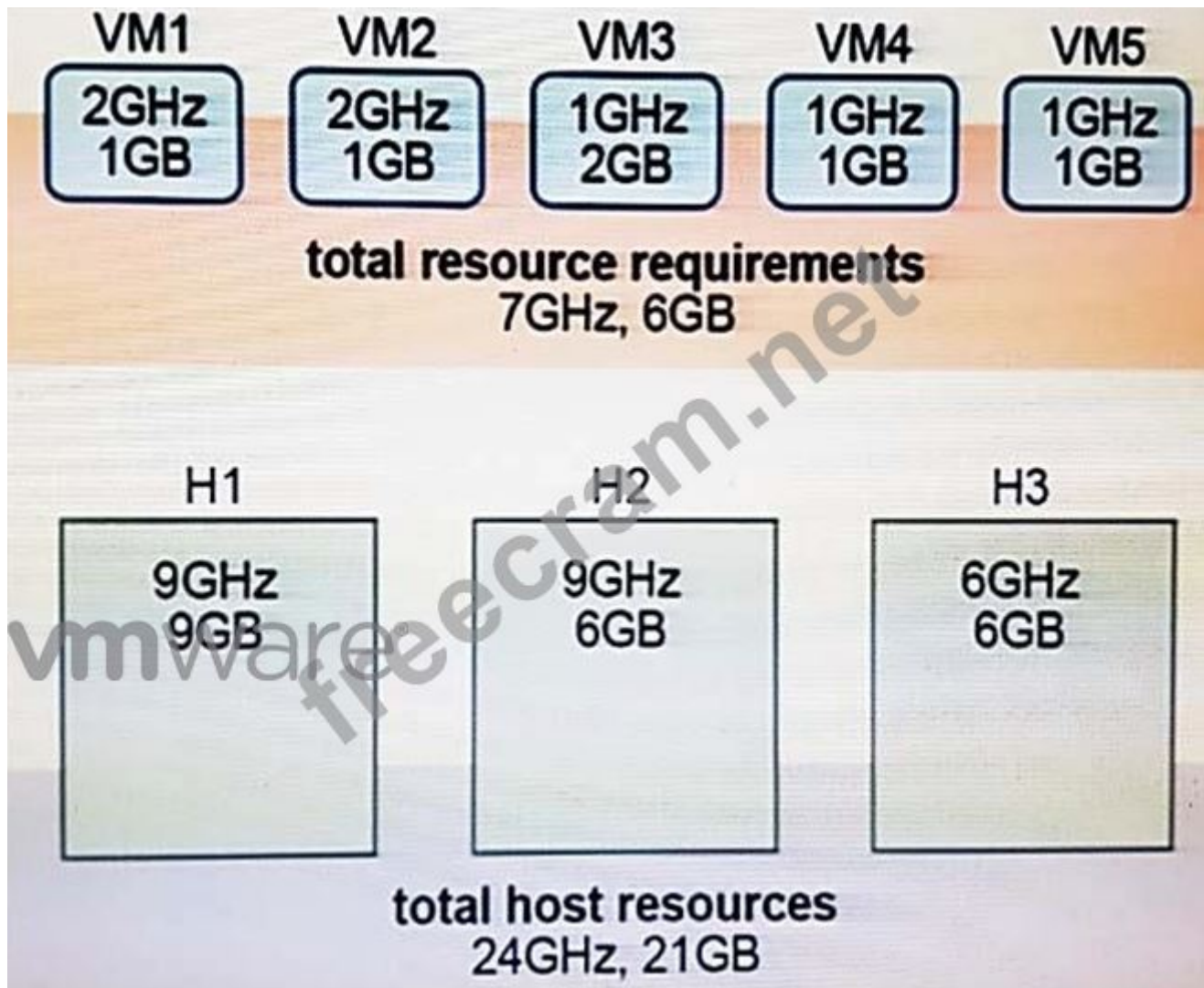
Reference:

<https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.vsphere.storage.doc/GUID-8FAD881D-7A00-43C9-AB69-66DC7816968C.html>

NEW QUESTION: 81

An administrator sets the Failover Capacity for both CPU and Memory at 25%.

Based on the Exhibit below, how much of the cluster's total CPU resources are still available to power on additional virtual machines?



- A. 45%
- B. 25%
- C. 70%
- D. 60%

Answer: ([SHOW ANSWER](#))

Explanation/Reference:

Reference:

https://pubs.vmware.com/vsphere-50/index.jsp?topic=%2Fcom.vmware.vsphere.avail.doc_50%2FGUID-FAFEFEFF-56F7-4CDF-A682-FC3C62A29A95.html

NEW QUESTION: 82

A vSphere Administrator must ensure that vCenter Server service is running in a domain user account rather than Local System Account.

To accomplish this, the user account should have which two permissions? (Choose two.)

- A. Log on as a service.
- B. Act as part of the operating system.
- C. Log on as a batch job.

D. Log on locally.

Answer: ([SHOW ANSWER](#))

Explanation/Reference:

Explanation:

On each system that is running vCenter Server, verify that the domain user account has these permissions:

- Member of the Administrators group

- Act as part of the operating system

- Log on as a service

Reference:

<https://kb.vmware.com/s/article/2052334>

NEW QUESTION: 83

What new feature is introduced in NFS 4.1 on ESXi 6.5?

A. IPv6

B. KRB5i

C. AUTH_SYS

D. Storage DRS

Answer: ([SHOW ANSWER](#))

Explanation/Reference:

Reference: <https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.vsphere.storage.doc/GUID-8A929FE4-1207-4CC5-A086-7016D73C328F.html>

NEW QUESTION: 84

An administrator cannot enable multi-processor Fault Tolerance (SMP-FT) for a virtual machine.

Which are two possible causes for this? (Choose two.)

A. The virtual machine is running on a vSAN datastore.

B. The Fault Tolerance network is using a 10Gbit uplink.

C. The virtual machine has 6 vCPUs assigned.

D. The virtual machine has a 1TB VMDK attached.

E. The virtual machine has snapshots present.

Answer: ([SHOW ANSWER](#))

Explanation/Reference:

Reference:

<https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.vsphere.avail.doc/GUID-F5264795-11DA-4242-B774-8C3450997033.html>

<https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.vsphere.avail.doc/GUID-57929CF0-DA9B->

NEW QUESTION: 85

What new feature was introduced to the Content Library in vSphere 6.5?

- A. Mount an ISO directly from the Content Library.
- B. Deploy a virtual machine from an OVF Package in a Content Library.
- C. Upload a File from a URL to a Library Item.
- D. Upload a File from a Local System to a Library Item.

Answer: (SHOW ANSWER)

Explanation/Reference:

Explanation:

VMware vSphere 6.5 enhances the Content Library with three new options: mount an ISO from the content library, update existing templates and apply guest OS customization specifications during a VM deployment. These new features help plug holes in and expand other capabilities introduced in the original version.

The first of these capabilities -- mounting an ISO from the Content Library is useful because it eliminates the need to store ISO images on a data store but keeps the images readily accessible.

Reference:

<http://searchvmware.techtarget.com/answer/How-does-VMware-vSphere-65-improve-its-Content-Library>

NEW QUESTION: 86

vSphere DRS helps to balance virtual machines with available resources in a vSphere cluster.

What three types of resources can be taken into account for balancing? (Choose three.)

- A. CPU
- B. physical NIC saturation of an ESXi host
- C. virtual NIC saturation of a virtual machine
- D. RAM
- E. storage latency

Answer: (SHOW ANSWER)

Explanation/Reference:

Reference:

<https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.vsphere.resmgmt.doc/GUID-4C2CFBA8-0A38-48BD-8C68-1811158AC6C9.html>

NEW QUESTION: 87

Which three prerequisites must be in place prior to enabling secure boot for a virtual machine? (Choose three.)

- A. VirtualMachine.Config.Settings privileges
- B. an encrypted USB drive

- C. Virtual Hardware version 13 or later
- D. Virtual Hardware version 12 or later
- E. EFI firmware

Answer: ([SHOW ANSWER](#))

Explanation/Reference:

Explanation:

Verify that the virtual machine operating system and firmware support UEFI boot.

EFI firmware

Virtual hardware version 13 or later.

Operating system that supports UEFI secure boot.

You need VirtualMachine.Config.Settings privileges to enable or disable UEFI secure boot for the virtual machine.

Reference:

<https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.vsphere.security.doc/GUID-898217D4-689D-4EB5-866C-888353FE241C.html>

NEW QUESTION: 88

What configuration option would ensure that a virtual NUMA topology is defined on VMs having more than eight virtual CPUs?

- A. cupid.coresPerSocket
- B. numa.vcpu.followcorespersocket
- C. numa.vcpu.maxPerVirtualNode
- D. numa.vcpu.min

Answer: ([SHOW ANSWER](#))

Explanation/Reference:

Reference: <https://pubs.vmware.com/vsphere-51/index.jsp?topic=%2Fcom.vmware.vsphere.resmgmt.doc%2FGUID-3E956FB5-8ACB-42C3-B068-664989C3FF44.html>

NEW QUESTION: 89

What is the VMware-recommended best practice for Fibre Channel zoning?

- A. soft zoning
- B. single-initiator-multiple-target zoning
- C. single-initiator zoning
- D. single-initiator-single-target zoning

Answer: D ([LEAVE A REPLY](#))

Explanation/Reference:

Explanation:

With ESXi hosts, use a single-initiator zoning or a single-initiator-single-target zoning. The latter is a preferred zoning practice. Using the more restrictive zoning prevents problems and misconfigurations that can occur on the SAN.

Reference:

https://pubs.vmware.com/vsphere-50/index.jsp?topic=%2Fcom.vmware.vsphere.storage.doc_50%2FGUID-E7818A5D-6BD7-4F51-B4BA-EFBF2D3A8357.html

NEW QUESTION: 90

An administrator has multiple vCenter Server 6.5 systems but cannot enable Storage I/O Control (SIOC) on a datastore shared by ESXi hosts managed by the vCenter Server systems. Which action should the administrator take to resolve the issue?

- A. Unmount the datastore and then enable SIOC on the vCenter Server system.
- B. Configure the datastore to be managed by a single vCenter Server system.
- C. Configure Storage DRS and then enable SIOC on the vCenter Server system.
- D. Enable Raw Device Mapping (RDM) on the ESXi hosts.

Answer: (SHOW ANSWER)

Explanation/Reference:

Explanation:

Datastores that are Storage I/O Control-enabled must be managed by a single vCenter Server system

Reference:

<https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.vsphere.resmgmt.doc/GUID-37CC0E44-7BC7-479C-81DC-FFFC21C1C4E3.html>

NEW QUESTION: 91

In network troubleshooting it is important to know what upstream switch the ESXi host is connected to. Which two features does ESXi provide to help identify the upstream switch? (Choose two.)

- A. Promiscuous mode
- B. DPM
- C. LLDP
- D. CDP

Answer: (SHOW ANSWER)

Explanation/Reference:

Reference:

<https://docs.vmware.com/en/VMware-vSphere/5.5/com.vmware.vsphere.networking.doc/GUID-A1B145E9-6454-45C0-8E7E-71E04A3BC9FF.html>

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NEW QUESTION: 92

An administrator is attempting to power on a virtual machine with 32GB of memory. The operation fails with the following error:

Could not power on VM: No space left on device

Checking the space on the virtual machine's datastore, there is 30GB free.

Which action would allow the VM to power on?

- A.** Set a 2GB memory reservation on the VM.
- B.** Mount the virtual disk from the affected VM on to another virtual machine and free up space from within the OS.
- C.** Enable vSphere HD admission control on the cluster in which the VM resides.
- D.** Set a 2GB memory limit on the VM.

Answer: (SHOW ANSWER)

Explanation/Reference:

Explanation:

The swap file size can be calculated with the formula (.vswp File = Allocated Memory - Memory Reservation).

As per default, the reservation is set to 0, so the .vswp file size is equal to the amount of virtual memory.

NEW QUESTION: 93

Storage capabilities be populated in what two ways? (Choose two.)

- A.** The administrator can use tags to describe capabilities.
- B.** Default capabilities are provided by vCenter Server.
- C.** Datastores can advertise their capabilities through VAAI.
- D.** Datastores can advertise their capabilities through VASA.

Answer: (SHOW ANSWER)

Explanation/Reference:

Reference:

<https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.vsphere.storage.doc/GUID-FABAC069-04FA-4741-A18D-FA810D2E26C8.html>

NEW QUESTION: 94

Which is the correct order for upgrading vSphere components?

- A.** vCenter Server, ESXi hosts, VMware Tools, Virtual Machine hardware
- B.** VMware Tools, Virtual Machine hardware, ESXi hosts, vCenter Server
- C.** vCenter Server, Virtual Machine hardware, VMware tools, ESXi hosts
- D.** ESXi hosts, vCenter Server, Virtual Machine hardware, VMware Tools

Answer: (SHOW ANSWER)

Explanation/Reference:

Explanation:

Upgrade vCenter Server on the protected site.

Upgrade ESXi Server on the protected site

Upgrade the virtual hardware and VMware Tools on the virtual machines on the ESXi hosts Reference:

<https://docs.vmware.com/en/VMware-vSphere/6.5/vsphere-esxi-vcenter-server-65-upgrade-guide.pdf>
page

12

NEW QUESTION: 95

Which two logs should be examined to troubleshoot a Windows vCenter Server upgrade failure?

(Choose two.)

- A. vminst.log
- B. vim-um-msi.log
- C. firstboot.log
- D. pkgmgr.log

Answer: (SHOW ANSWER)

Explanation/Reference:

Reference: <https://docs.vmware.com/en/VMware-vSphere/6.0/com.vmware.vsphere.upgrade.doc/GUID-CF80C555-BFB1-4FF1-B4E6-6935D424838E.html>

NEW QUESTION: 96

An administrator has upgraded to vSphere 6.5 and also wants to use Kerberos authentication for NFS. Which can be done to the existing NFSv3 volumes to enable this feature?

- A. Perform a storage rescan on VMFS volumes.
- B. Unmount the NFSv3 datastore, and then mount as NFSv4.1 datastore.
- C. Nothing. All NFSv3 mounted datastores are upgraded automatically during vSphere upgrades.
- D. Perform a scan of new storage devices.

Answer: (SHOW ANSWER)

Explanation/Reference:

Explanation:

NFS 4.1 supports the Kerberos authentication protocol to secure communication with the NFS server

NEW QUESTION: 97

An administrator is attempting to access an ESXi host via the DCUI but is unable to do so.

Which could be two possible causes? (Choose two.)

- A. The host in question has no out-of-band management capability (i.e. iLO/iDRAC).
- B. The SSH service is disabled on the host.
- C. Strict lockdown mode is enabled on the host.

- D. Normal lockdown mode is enabled and the administrator is a member of the Exception User list.
- E. The DCUI service is disabled on the host.

Answer: ([SHOW ANSWER](#))

Explanation/Reference:

Reference:

<https://blogs.vmware.com/vsphere/2015/03/vsphere-6-0-lockdown-modes.html>

NEW QUESTION: 98

Which are the two network requirements for a VMware vSAN 6.5 cluster? (Choose two.)

- A. Multicast must be enabled on the physical switches and routers that handle vSAN traffic.
- B. vSAN requires IPv6 only.
- C. All hosts must have a dedicated 40GbE NIC.
- D. The vSAN network supported IPv4 or IPv6.
- E. vSAN requires IPv4 only.

Answer: ([SHOW ANSWER](#))

Explanation/Reference:

Explanation:

The vSAN network supports both IPv4 and IPv6.

Reference:

<https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.vsphere.virtualsan.doc/GUID-AFF133BC-F4B6-4753-815F-20D3D752D898.html>

<http://cormachogan.com/2014/01/21/vsan-part-15-multicast-requirement-for-networking-misconfiguration-detected/>

NEW QUESTION: 99

Which two permissions are required to migrate a virtual machine with Storage vMotion? (Choose two.)

- A. Network > Move Network
- B. Virtual Machine > Inventory > Move
- C. Resource > Migrate powered on virtual machine
- D. Datastore > Allocate Space

Answer: ([SHOW ANSWER](#))

Explanation/Reference:

Explanation:

You require these permissions to perform Storage vMotion from the Remote Command Line Interface (RCLI):

Resource > Migrate

Resource > Relocate

Datastore > Allocate Space

Reference:

https://kb.vmware.com/selfservice/microsites/search.do?language=en_US&cmd=displayKC&externalId=1011345

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<https://www.examdiscuss.com/VMware/exam/2V0-622/premium/> (**290** Q&As Dumps, **35%OFF**
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