

## VMware.2V0-622.v2018-10-23.q120

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<a href="https://www.freecram.net/torrent/VMware.2V0-622.v2018-10-23.q120.html">https://www.freecram.net/torrent/VMware.2V0-622.v2018-10-23.q120.html</a>	

### NEW QUESTION: 1

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

### NEW QUESTION: 2

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: 3**

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: 4**

Boot from SAN is supported on which three storage technologies? (Choose three.)

- A. VMware vSAN
- B. FCoE
- C. NFS 4.1
- D. iSCSI
- E. FC

**Answer: (SHOW ANSWER)**

Explanation/Reference:

Reference:

<http://pubs.vmware.com/vsphere-51/topic/com.vmware.ICbase/PDF/vsphere-esxi-vcenter-server-51-storage-guide.pdf>

### **NEW QUESTION: 5**

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: (SHOW ANSWER)**

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: 6**

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

### **NEW QUESTION: 7**

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: 8

Which two ports are open by default on the ESXi firewall? (Choose two)

- A. 22
- B. 546
- C. 37
- D. 514

**Answer:** ([SHOW ANSWER](#))

Explanation/Reference:

Reference: <https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.vsphere.security.doc/GUID-171B99EA-15B3-4CC5-8B9A-577D8336FAA0.html>

### NEW QUESTION: 9

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:** C,F ([LEAVE A REPLY](#))

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: 10

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: 11**

Which command can be run to troubleshoot connectivity problems with vmkernel network interfaces?

- A. esxcli network
- B. vmkping
- C. net-stats
- D. vicfg-vmknic

**Answer: (SHOW ANSWER)**

Explanation/Reference:

Explanation:

For troubleshooting purposes, it may be necessary to test VMkernel network connectivity between ESX hosts in your environment.

Reference:

<https://kb.vmware.com/s/article/1003728>

**NEW QUESTION: 12**

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: 13**

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: C,D (LEAVE A REPLY)**

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

[language=en\\_US&cmd=displayKC&externalId=1011345](https://kb.vmware.com/selfservice/microsites/search.do?language=en_US&cmd=displayKC&externalId=1011345)

#### **NEW QUESTION: 14**

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: 15**

Which two tasks should a vSphere administrator perform if the vmkernel log reports VMFS metadata errors? (Choose two.)

- A. contact VMware technical support
- B. reformat the datastore
- C. check the device with VOMA
- D. ignore the messages

**Answer: (SHOW ANSWER)**

Explanation/Reference:

Explanation:

To check metadata consistency, run VOMA from the CLI of an ESXi host. VOMA can be used to check and fix metadata inconsistency issues for a VMFS datastore or a virtual flash resource. To resolve errors reported by VOMA, consult VMware Support.

Reference:

<https://docs.vmware.com/en/VMware-vSphere/6.0/com.vmware.vsphere.troubleshooting.doc/GUID-6F991DB5-9AF0-4F9F-809C-B82D3EED7DAF.html>

**NEW QUESTION: 16**

VMware Converter can import a powered off virtual machine from which two virtual machine platforms? (Choose two.)

- A. Microsoft Hyper-V
- B. Citrix Xen
- C. VMware Workstation
- D. Linux with KVM

**Answer: (SHOW ANSWER)**

Explanation/Reference:

Reference: [https://www.vmware.com/pdf/convsa\\_60\\_guide.pdf](https://www.vmware.com/pdf/convsa_60_guide.pdf)

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**NEW QUESTION: 17**

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: (SHOW ANSWER)**

Explanation/Reference:

Reference:

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

**NEW QUESTION: 18**

Which are two supported storage primitives for VAAI NAS? (Choose two.)

- A. Full File Clone
- B. Reserve Space

- C. hardware assisted locking
- D. block zeroing

**Answer: (SHOW ANSWER)**

Explanation/Reference:

Explanation:

In ESXi 5.x, support for NAS Hardware Acceleration is included with support for these primitives:

Full File Clone - Like the Full Copy VAAI primitive provided for block arrays, this Full File Clone

primitive enables virtual disks to be cloned by the NAS device.

Native Snapshot Support - Allows creation of virtual machine snapshots to be offloaded to the array.

Extended Statistics - Enables visibility to space usage on NAS datastores and is useful for Thin

Provisioning.

Reserve Space - Enables creation of thick virtual disk files on NAS.

Note: Previously, the only supported VMDK type that could be created on NAS was thin.

Reference: <https://kb.vmware.com/s/article/1021976>

#### **NEW QUESTION: 19**

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: 20**

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

### **NEW QUESTION: 21**

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: 22**

A vSphere Administrator wants to reserve 0.5 Gbps for virtual machines on each uplink on a disturbed switch that has 10 uplinks.

What is the quota that should be reserved for the network resource pool?

- A. 10 Gbps
- B. 5 Gbps
- C. 100 Gbps
- D. 0.5 Gbps

**Answer: (SHOW ANSWER)**

Explanation/Reference:

Explanation:

For example, if the virtual machine system traffic has 0.5 Gbps reserved on each 10 GbE uplink on a distributed switch that has 10 uplinks, then the total aggregated bandwidth available for VM reservation on this switch is 5 Gbps. Each network resource pool can reserve a quota of this 5 Gbps capacity.

Reference:

<https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.vsphere.networking.doc/GUID-8E957535-7969-4E12-BD11-DF746D6D5379.html>

**NEW QUESTION: 23**

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:



Node	Description
Active	<ul style="list-style-type: none"><li>• Runs the active vCenter Server Appliance instance</li><li>• Uses a public IP address for the management interface</li><li>• Uses the vCenter HA network for replication of data to the Passive node.</li><li>• Uses the vCenter HA network to communicate with the Witness node.</li></ul>

Reference:

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

**NEW QUESTION: 24**

What is the minimum number of hosts that must contribute capacity to a non-ROBO single site VMware vSAN cluster?

- A. 1
- B. 64
- C. 3
- D. 2

**Answer: (SHOW ANSWER)**

Explanation/Reference:

Explanation:

For standard datacenter deployments, VSAN requires a minimum of three ESXi hosts (where each host has local storage and is contributing this storage to the VSAN datastore ) to form a supported

**NEW QUESTION: 25**

Which three vSphere features are compatible with vSphere Replication? (Choose three.)

- A. vSphere High Availability
- B. vSphere Fault Tolerance
- C. vSphere Storage DRS
- D. vSphere vMotion

**Answer:** ([SHOW ANSWER](#))

Explanation/Reference:

Reference: <https://docs.vmware.com/en/vSphere-Replication/6.0/com.vmware.vsphere.replication-admin.doc/GUID-8006BF58-6FA8-4F02-AFB9-A6AC5CD73021.html>

**NEW QUESTION: 26**

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: 27**

Which two items are required to enable NPIV in a virtual machine? (Choose two.)

- A. use of physical RDMS
- B. physical HBA support
- C. use of virtual disks

D. hardware version 11 or higher

**Answer: (SHOW ANSWER)**

Explanation/Reference:

Explanation:

NPIV support is subject to the following limitations:

NPIV must be enabled on the SAN switch. Contact the switch vendor for information about enabling

- NPIV on their devices.

NPIV is supported only for virtual machines with RDM disks. Virtual machines with regular virtual

- disks continue to use the WWNs of the host's physical HBAs.

The physical HBAs on the ESXi host must have access to a LUN using its WWNs in order for any virtual machines on that host to have access to that LUN using their NPIV WWNs. Ensure that access

- is provided to both the host and the virtual machines.

The physical HBAs on the ESXi host must support NPIV. If the physical HBAs do not support NPIV, the virtual machines running on that host will fall back to using the WWNs of the host's physical HBAs

- for LUN access.

Each virtual machine can have up to 4 virtual ports. NPIV-enabled virtual machines are assigned

exactly 4 NPIV-related WWNs, which are used to communicate with physical HBAs through virtual

- ports. Therefore, virtual machines can utilize up to 4 physical HBAs for NPIV purposes Reference:

<https://pubs.vmware.com/vsphere-4-esx-vcenter/index.jsp?topic=/>

[com.vmware.vsphere.vadmin.doc\\_41/vsp\\_vm\\_guide/configuring\\_virtual\\_machines/t\\_configure\\_fibre\\_channel\\_npiv\\_settings.html](https://pubs.vmware.com/vsphere-4-esx-vcenter/index.jsp?topic=/com.vmware.vsphere.vadmin.doc_41/vsp_vm_guide/configuring_virtual_machines/t_configure_fibre_channel_npiv_settings.html)

### NEW QUESTION: 28

Which port is used for vSphere HA agent-to-agent communication?

A. 443

B. 8182

C. 22

D. 902

**Answer: (SHOW ANSWER)**

Explanation/Reference:

Explanation:

vSphere HA uses TCP and UDP port 8182 for agent-to-agent communication. The firewall ports open and close automatically to ensure they are open only when needed.

Reference: <https://pubs.vmware.com/vsphere-50/index.jsp?topic=%>

[2Fcom.vmware.vsphere.avail.doc\\_50%2FGUID-7442EF04-56C9-4910-ACBA-DF42E97ED311.html](https://pubs.vmware.com/vsphere-50/index.jsp?topic=%2Fcom.vmware.vsphere.avail.doc_50%2FGUID-7442EF04-56C9-4910-ACBA-DF42E97ED311.html)

### NEW QUESTION: 29

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

#### NEW QUESTION: 30

Which method is supported for backing up the virtual machine that contains vCenter Server?

- A. differential
- B. incremental
- C. full image
- D. individual disks

**Answer: (SHOW ANSWER)**

Explanation/Reference:

Reference:

<https://docs.vmware.com/en/VMware-vSphere/6.0/com.vmware.vsphere.install.doc/GUID-539B47B4-114B-49BC-9736-F14058127ECA.html>

#### NEW QUESTION: 31

A vSphere administrator manages a cluster which includes critical and non-critical virtual machines.

The cluster requires different permissions for contractors and non-contractors.

How can the administrator exclude the contractor group from some of the critical VMs?

- A. Apply permission for both contractors and non-contractors on the cluster level.
- B. Apply permission for both contractors and non-contractors on the cluster level. Remove permission on the critical VMs for contractors.
- C. Remove permission for contractors on the cluster level. Apply permission on the critical VMs for non- contractors.
- D. Apply permission for both contractors and non-contractors on the VMs. Remove permission on the critical VMs for contractors.

**Answer: (SHOW ANSWER)**

Explanation/Reference:

Explanation:

To exclude the contractor group simple apply permission for both contractors and non-contrators on the cluster level. After that, remove permission on the critical VMs for contractors.

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### NEW QUESTION: 32

Which two statements about vCenter HA are correct? (Choose two.)

- A. ESXi 5.5 or later is required.
- B. vCenter HA network latency between nodes must be less than 50 ms.
- C. NFS datastore is supported.
- D. It must be deployed on a 3 ESXi host cluster with DRS enabled.

**Answer: (SHOW ANSWER)**

Explanation/Reference:

Explanation:

#### vCenter HA Requirements

##### Component

##### Requirements

- |                          |  |
|--------------------------|--|
| ESXi                     | <ul style="list-style-type: none"><li>• ESXi 5.5 or later is required.</li><li>• Three hosts are strongly recommended. Each vCenter HA node can then run on a different host for better protection.</li><li>• Using VMware DRS to protect the set of hosts is recommended. In that case a minimum of three ESXi hosts is required.</li></ul> |
| vCenter Server Appliance | <ul style="list-style-type: none"><li>• vCenter Server 6.5 is required.</li><li>• Deployment size Small (4 CPU and 16GB RAM) or bigger is required to support the RTO. Do not use Tiny in production environments.</li><li>• vCenter HA is supported and tested with VMFS, NFS, and vSAN datastore.</li></ul>                                |

Reference:

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

**NEW QUESTION: 33**

Which three storage protocols are supported by Virtual Volumes? (Choose three.)

- A. FCIP
- B. FCoE
- C. iSCSI
- D. NFS v3
- E. NFS v4

**Answer: (SHOW ANSWER)**

Explanation/Reference:

Explanation:

Virtual Volumes supports NFS version 3 and 4.1, iSCSI, Fibre Channel, and FCoE.

Reference:

<https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.vsphere.storage.doc/GUID-AAA99054-4D81-49F8-9927-65E9B08577AD.html>

**NEW QUESTION: 34**

What VM Monitoring setting would ensure that the maximum reset window for a virtual machine is 24 hours?

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

**Answer: (SHOW ANSWER)**

Explanation/Reference:

Explanation:

There are 3 built in presets (Low, Medium & High) and the option to select custom settings for any of these options.

	Failure Interval	Minimum uptime	Maximum per-VM resets	Maximum resets time window
Low	120 secs	480 secs	3	7 days
Medium	60 secs	240 secs	3	24 hrs
High	30 secs	120 secs	3	1 hr

Reference:

<https://blogs.vmware.com/vsphere/2014/03/vsphere-ha-vm-monitoring-back-basics.html>

**NEW QUESTION: 35**

A vSphere Administrator must ensure that a user is able to view and manage the system configuration in vSphere Web Client.

In the vCenter Single Sign-On domain, which group should the user be a part of?

- A. SystemConfiguration.BashShellAdministrators
- B. ComponentManager. Administrators
- C. Administrators
- D. SystemConfiguration.Administrators

**Answer: (SHOW ANSWER)**

Explanation/Reference:

Explanation:

SystemConfiguration.Administrators

Members of the SystemConfiguration.Administrators group can view and manage the system configuration in the vSphere Web Client. These users can view, start and restart services, troubleshoot services, see the available nodes and manage those nodes.

Reference:

<https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.psc.doc/GUID-87DA2F34-DCC9-4DAB-8900-1BA35837D07E.html>

**NEW QUESTION: 36**

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: A,C,E (LEAVE A REPLY)**

Explanation/Reference:

Reference:

<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-ED76D553-0AB5-44EC-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: 37**

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>

**NEW QUESTION: 38**

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: 39**

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: 40

Which two statements are true about Highly Available vSphere Auto Deploy infrastructure? (Choose two.)

- A. It helps prevent data loss.
- B. It is a prerequisite for using vSphere Auto Deploy with stateful install.
- C. It requires two or more Auto Deploy servers.
- D. It is a prerequisite for using vSphere Auto Deploy with stateless caching.

**Answer: (SHOW ANSWER)**

Explanation/Reference:

Explanation:

In many production situations, a highly available Auto Deploy infrastructure is required to prevent data loss.

Such an infrastructure is also a prerequisite for using Auto Deploy with stateless caching.

Reference:

<https://docs.vmware.com/en/VMware-vSphere/5.5/com.vmware.vsphere.install.doc/GUID-5E99987C-9083-47E8-9282-08CD1C8830C8.html>

#### NEW QUESTION: 41

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: 42**

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: 43**

What are two requirements to enable EVC in vSphere DRS cluster? (Choose two.)

- A. CPUs must be from the same vendor.
- B. EVC must use the lowest possible baseline supported by the hardware.
- C. CPUs must be in the same family and of the same speed.
- D. No VMs may be running in the cluster.

**Answer: (SHOW ANSWER)**

Explanation/Reference:

Reference:

<https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.vsphere.vcenterhost.doc/GUID-FEC87C0B-7276-4152-8EAA-915305E64FED.html>

<https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.vsphere.vcenterhost.doc/GUID-9F444D9B-44A0-4967-8C07-693C6B40278A.html>

**NEW QUESTION: 44**

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: 45**

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: A (LEAVE A REPLY)**

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: 46**

Which two components are part of storage I/O multipathing on ESXi? (Choose two.)

A. SATP

B. VASA

C. PSP

D. VAAI

**Answer: (SHOW ANSWER)**

Explanation/Reference:

Explanation:

### Multipathing Acronyms

Acronym	Definition
PSA	Pluggable Storage Architecture
VMP	Native Multipathing Plug-in. Generic VMware multipathing module
PSP	Path Selection Plug-in, also called Path Selection Policy. Handles path selection for a given device
SATP	Storage Array Type Plug-in, also called Storage Array Type Policy. Handles path failover for a given storage array

Reference:

<https://docs.vmware.com/en/VMware-vSphere/6.5/vsphere-esxi-vcenter-server-65-storage-guide.pdf>  
page  
186

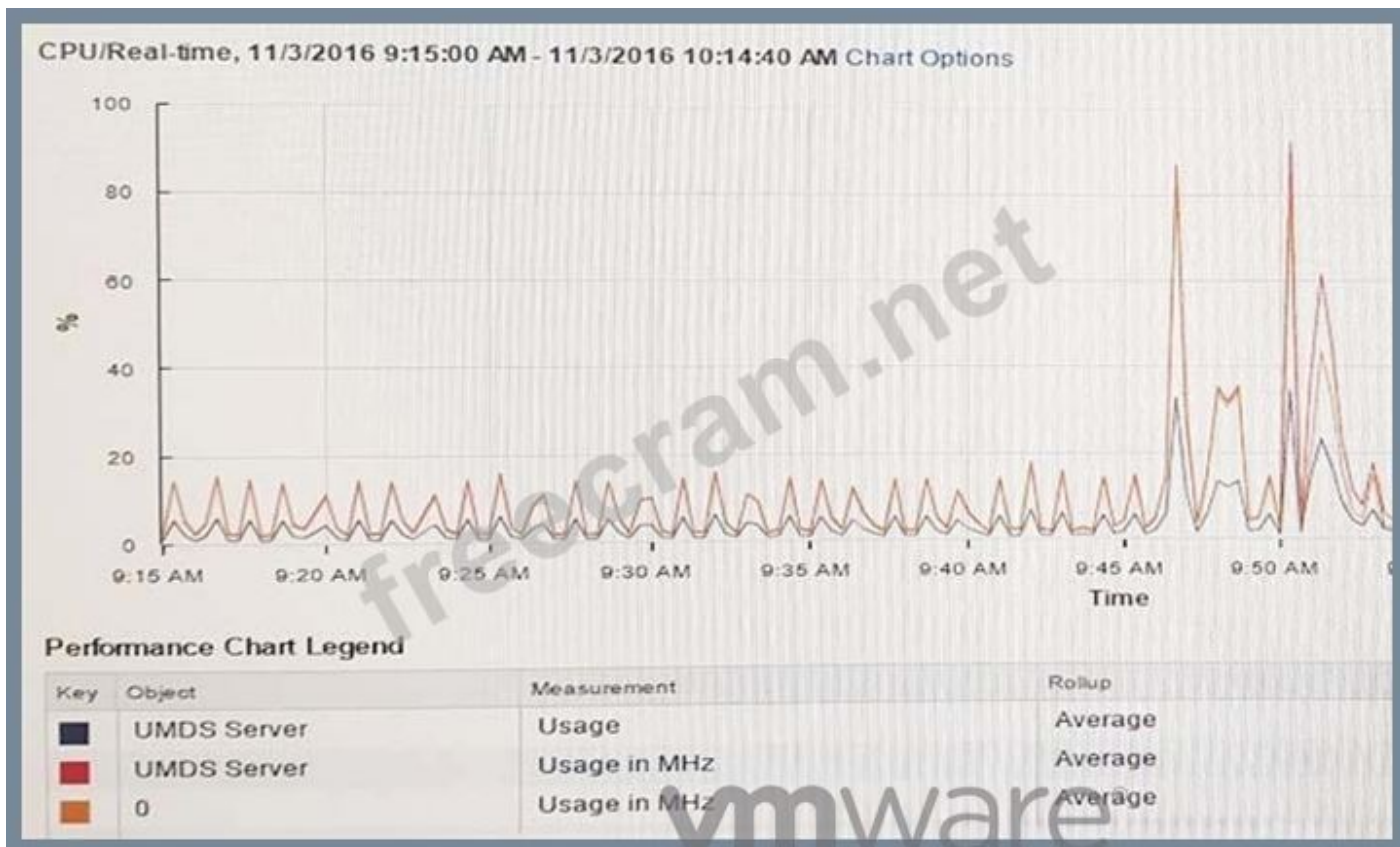
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### NEW QUESTION: 47

A vSphere administrator observes a CPU spike on one of the web servers (view the Exhibit.)



Which two statements can describe the cause of this activity? (Choose two.)

- A. The network packet size is too small.
- B. The network packet size is too large.
- C. VMware Tools is not installed.
- D. Disk latency is present on the datastore.

Answer: ([SHOW ANSWER](#))

#### NEW QUESTION: 48

What advanced option for vSphere HA defines a maximum number of reset attempts by VMCP for a virtual machine?

- A. das.maxterminates
- B. das.isolationshutdowntimeout
- C. das.maxresets
- D. fdm.isolationpolicydelaysec

Answer: ([SHOW ANSWER](#))

Explanation/Reference:

Explanation:

das.maxresets

The maximum number of reset attempts made by VMCP. If a reset operation on a virtual machine affected by an APD situation fails, VMCP retries the reset this many times before giving up.

Reference: <https://kb.vmware.com/s/article/2033250>

#### NEW QUESTION: 49

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: A,B,D (LEAVE A REPLY)**

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: 50

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

### NEW QUESTION: 51

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: 52

Which two parameters must be configured for Windows in-guest disk mirroring? (Choose two.)

- A. `scsi#.returnNoConnectDuringAPD = "FALSE"`
- B. `scsi#.terminateVMonPDL = "TRUE"`
- C. `scsi#.returnBusyOnNoConnectStatus = "FALSE"`
- D. `scsi#.returnNoConnectDuringAPD = "TRUE"`

**Answer: (SHOW ANSWER)**

Explanation/Reference:

Explanation:

Name Value

`scsi#.returnNoConnectDuringAPD True`

`scsi#.returnBusyOnNoConnectStatus False`

Reference: [https://pubs.vmware.com/vsphere-50/index.jsp?topic=%](https://pubs.vmware.com/vsphere-50/index.jsp?topic=%2Fcom.vmware.vsphere.storage.doc_50%2FGUID-F78EB579-B11C-4E65-9EE3-145888A005F6.html)

[2Fcom.vmware.vsphere.storage.doc\\_50%2FGUID-F78EB579-B11C-4E65-9EE3-145888A005F6.html](https://pubs.vmware.com/vsphere-50/index.jsp?topic=%2Fcom.vmware.vsphere.storage.doc_50%2FGUID-F78EB579-B11C-4E65-9EE3-145888A005F6.html)

### NEW QUESTION: 53

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](https://docs.vmware.com/en/VMware-vSphere/6.5/vsphere-esxi-vcenter-server-65-availability-guide.pdf) page 16-17

### NEW QUESTION: 54

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: 55**

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:** **B,C** ([LEAVE A REPLY](#))

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: 56**

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)	Rese
High	30	1 hour
Medium	60	24 hou
Low	120	7 days

Reference:

<https://blogs.vmware.com/vsphere/2014/03/vsphere-ha-vm-monitoring-back-basics.html>

**NEW QUESTION: 57**

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](https://www.vmware.com/pdf/convsa_61_guide.pdf) page 11

**NEW QUESTION: 58**

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: 59**

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: 60**

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: A,C,D (LEAVE A REPLY)**

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: 61**

What are two requirements in order to restore a Resource Pool Tree from a snapshot? (Choose two.)

- A. vSphere DRS must be turned on.
- B. A restore can only be performed on a vSphere DRS cluster within the original vCenter Server.
- C. vSphere DRS must be turned off.
- D. A restore can only be performed on the same cluster the snapshot was taken from.

**Answer: A,D (LEAVE A REPLY)**

Explanation/Reference:

Explanation:

You can restore a previously saved resource pool tree snapshot.

Prerequisites

- vSphere DRS must be turned ON.
- You can restore a snapshot only on the same cluster that it was taken.
- No other resource pools are present in the cluster.

Reference: <https://pubs.vmware.com/vsphere-51/index.jsp?topic=%2Fcom.vmware.vsphere.resmgmt.doc%2FGUID-43B3A1EF-B7FF-421C-96FA-33FA230688BB.html>

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

#### **NEW QUESTION: 62**

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: 63**

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: 64**

Which two configuration options can exclude virtual disks from snapshot operations? (Choose two.)

- A. Use RDM in virtual mode for virtual disk.
- B. Use virtual disks in Independent - Persistent mode.
- C. Use a virtual disk larger than 2 TB in size.
- D. Use RDM in physical mode for virtual disk.

**Answer: (SHOW ANSWER)**

Explanation/Reference:

Explanation:

VMware does not support snapshots of raw disks, RDM physical mode disks, or guest operating systems that use an iSCSI initiator in the guest.

Virtual machines with independent disks must be powered off before you take a snapshot. Snapshots of powered-on or suspended virtual machines

Reference:

[https://pubs.vmware.com/vsphere-51/index.jsp?topic=%2Fcom.vmware.vsphere.vm\\_admin.doc%2FGUID-53F65726-A23B-4CF0-A7D5-48E584B88613.html](https://pubs.vmware.com/vsphere-51/index.jsp?topic=%2Fcom.vmware.vsphere.vm_admin.doc%2FGUID-53F65726-A23B-4CF0-A7D5-48E584B88613.html)

#### **NEW QUESTION: 65**

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->

**NEW QUESTION: 66**

Which metric in the Exhibit would identify high latency for a virtual machine operating system?

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	0.00
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	0.00

- 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 (Second) and other SCSI commands such as SCSI reservations, locks, vendor string 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 device.
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 number is calculated with the formula: DAVG + KAVG = GAVG

Reference:

[https://kb.vmware.com/selfservice/microsites/search.do?language=en\\_US&cmd=displayKC&externalId=1008205](https://kb.vmware.com/selfservice/microsites/search.do?language=en_US&cmd=displayKC&externalId=1008205)

**NEW QUESTION: 67**

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

Answer: ([SHOW ANSWER](#))

**NEW QUESTION: 68**

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.

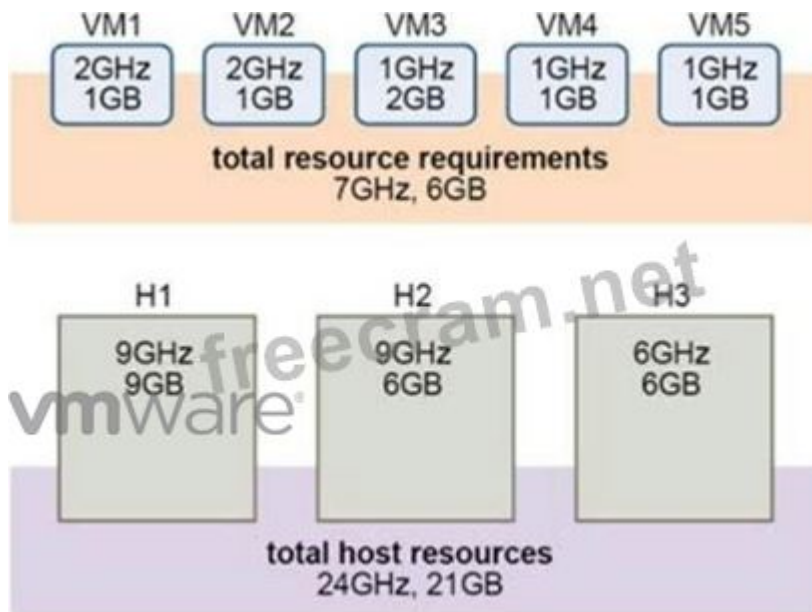
Reference:

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

**NEW QUESTION: 69**

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

### NEW QUESTION: 70

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: 71

An administrator finds that the Microsoft Exchange virtual machines are exhibiting network latency.

What two in-guest changes can help decrease latency? (Choose two.)

A. LRO

B. TSO

C. SR-IOV

D. PVRDMA

**Answer: (SHOW ANSWER)**

Explanation/Reference:

Explanation:

Using TSO and LRO on physical and virtual machine NICs improves the performance of ESX/ESXi hosts by reducing the CPU overhead for TCP/IP network operations. The host uses more CPU cycles to run applications.

If TSO is enabled on the transmission path, the NIC divides larger data chunks into TCP segments. If TSO is disabled, the CPU performs segmentation for TCP/IP.

TSO is referred to as LSO (Large Segment Offload or Large Send Offload) in the latest VMXNET3 driver attributes.

LRO reassembles incoming network packets into larger buffers and transfers the resulting larger but fewer packets to the network stack of the host or virtual machine. The CPU has to process fewer packets than when LRO is disabled, which reduces its utilization for networking.

Reference:

<https://kb.vmware.com/s/article/2055140>

### **NEW QUESTION: 72**

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](https://kb.vmware.com/selfservice/microsites/search.do?language=en_US&cmd=displayKC&externalId=2110014)

### **NEW QUESTION: 73**

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://esxi.com/2016/12/30/content-libraries/>

### **NEW QUESTION: 74**

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>

### NEW QUESTION: 75

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: 76

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=%>

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### **NEW QUESTION: 77**

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: (SHOW ANSWER)**

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: 78**

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: 79**

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

- A. Heartbeat Datastores
- B. VM Startup/Shutdown
- 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: 80**

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-C3FCEEF3D0D5.html>

#### **NEW QUESTION: 81**

"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: 82**

Which three VMware-recommended best practices should an administrator follow before upgrading to vSphere 6.5? (Choose three.)

- A. Disconnect ESXi host from vCenter.

- B. VMware Tools are installed in the virtual machine.
- C. Ensure that the system hardware complies with ESXi requirements.
- D. Back up the host.
- E. Check the interoperability of any other software integrated with vSphere.

**Answer: (SHOW ANSWER)**

Explanation/Reference:

Reference:

[https://kb.vmware.com/selfservice/microsites/search.do?language=en\\_US&cmd=displayKC&externalId=2130664](https://kb.vmware.com/selfservice/microsites/search.do?language=en_US&cmd=displayKC&externalId=2130664)

### **NEW QUESTION: 83**

Which two statements are true for a vCenterServer user account that is used for vSphere Data Protection (VDP)? (Choose two.)

- A. The user account must be assigned with Administrator role.
- B. The password for the user account cannot contain spaces.
- C. The user account should be created in the Single Sign-On domain
- D. The user account cannot inherit required permissions from a group role.

**Answer: (SHOW ANSWER)**

Explanation/Reference:

Explanation:

For the vCenter server account used for vSphere data protection, the user account must have administrator role and the password for the user account should not contain spaces.

Reference:

<https://docs.vmware.com/en/VMware-vSphere/6.5/vmware-data-protection-administration-guide-61.pdf>

### **NEW QUESTION: 84**

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...

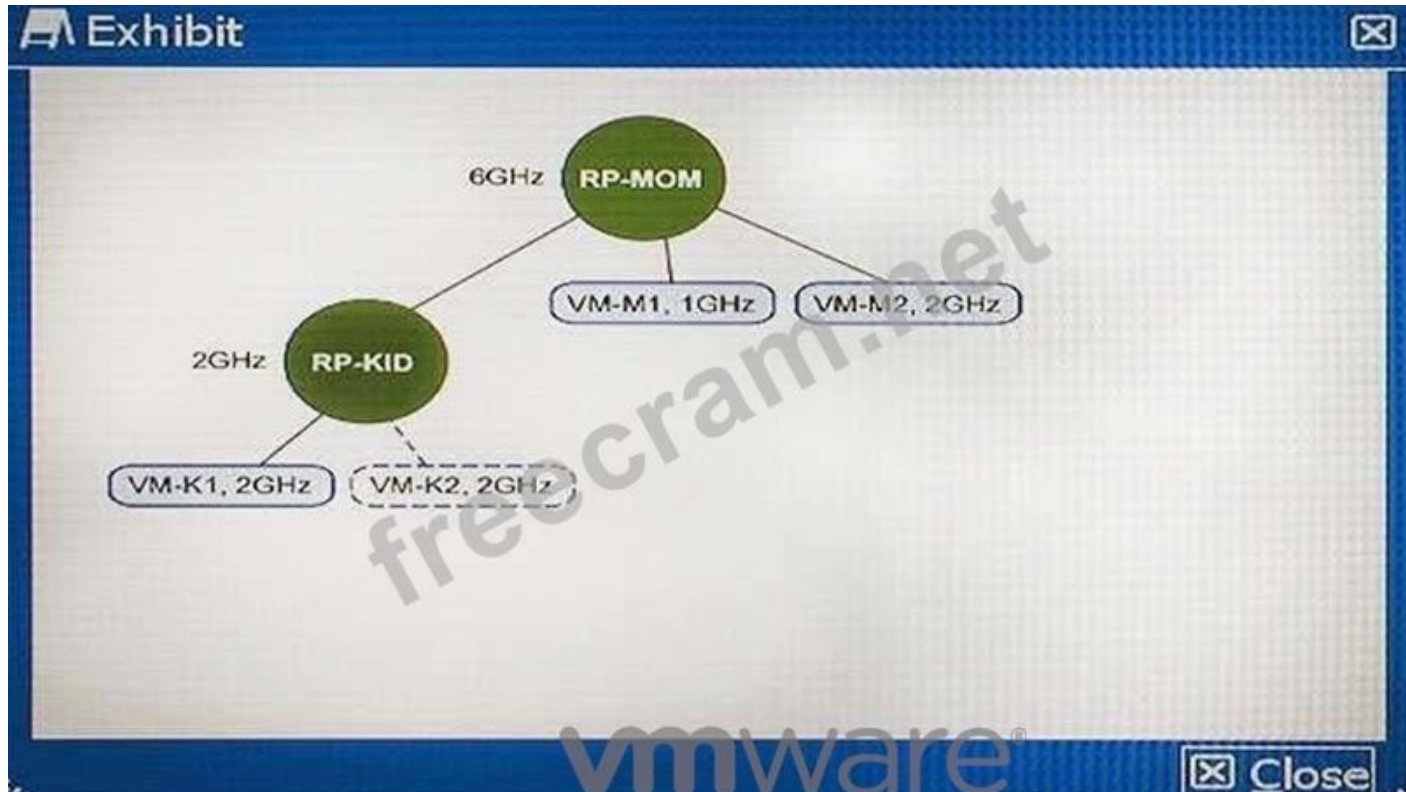
Reference:

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

**NEW QUESTION: 85**

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: 86**

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 machines.
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 Server, 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 the source machine does not have an IP address, you must manually assign the machine an IP address.

**NEW QUESTION: 87**

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: 88**

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: 89

What two VMware Remote Console Options can be defined in the virtual machine settings? (Choose two.)

- A. Boot Delay
- B. Maximum number of sessions
- C. Guest OS lock
- D. Total video memory

**Answer: (SHOW ANSWER)**

Explanation/Reference:

Explanation:

VMware Remote Console Options -

Lock the guest operating system when the last remote user disconnects and limit the number of simultaneous connections to the virtual machine.

Reference: [https://pubs.vmware.com/vsphere-51/index.jsp?topic=%2Fcom.vmware.vsphere.vm\\_admin.doc%2FGUID-389D87EA-A848-4A21-B53E-1C55D28195C2.html](https://pubs.vmware.com/vsphere-51/index.jsp?topic=%2Fcom.vmware.vsphere.vm_admin.doc%2FGUID-389D87EA-A848-4A21-B53E-1C55D28195C2.html)

### NEW QUESTION: 90

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: (SHOW ANSWER)**

Explanation/Reference:

Reference:

[https://kb.vmware.com/selfservice/microsites/search.do?%20language=en\\_US&cmd=displayKC&externalId=1008950](https://kb.vmware.com/selfservice/microsites/search.do?%20language=en_US&cmd=displayKC&externalId=1008950)

### NEW QUESTION: 91

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

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#### **NEW QUESTION: 92**

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: 93**

Which guest operating system supports PVRDMA?

- A. Windows (32-Bit)
- B. Linux (32-Bit)
- C. Windows (64-Bit)
- D. Linux (64-Bit)

**Answer: (SHOW ANSWER)**

Explanation/Reference:

Explanation:

The guest operating system that supports PVRDMA is Linux 64 bit.

Explanation:

Guest OS • Linux (64-bit)

Reference:

<https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.vsphere.networking.doc/GUID-4A5EBD44-FB1E-4A83-BB47-BBC65181E1C2.html>

### **NEW QUESTION: 94**

A Telco customer is implementing NFV using vSphere as the virtualization platform.

Which feature can help achieve a high packet rate with lower CPU consumption?

- A. Network I/O Control
- B. SplitRX
- C. ERSPAN
- D. LACP

**Answer: (SHOW ANSWER)**

Explanation/Reference:

Explanation:

SplitRx Mode

SplitRx mode uses multiple physical CPUs to process network packets received in a single network queue.

This feature can significantly improve network performance for certain workloads. These workloads include:

Multiple virtual machines on one ESXi host all receiving multicast traffic from the same source. (SplitRx mode will typically improve throughput and CPU efficiency for these workloads.) Traffic via the vNetwork Appliance (DVFilter) API between two virtual machines on the same ESXi host.

(SplitRx mode will typically improve throughput and maximum packet rates for these workloads.) In vSphere 5.1 and later this feature is automatically enabled for a VMXNET3 virtual network adapter (The only adapter type on which it is supported) when ESXi detects that a single network queue on a physical NIC is both (a) heavily utilized and (b) getting more than 10,000 broadcast/multicast packets per second.

Reference:

[https://www.vmware.com/techpapers/2017/Perf\\_Best\\_Practices\\_vSphere65.html](https://www.vmware.com/techpapers/2017/Perf_Best_Practices_vSphere65.html)

### **NEW QUESTION: 95**

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: 96**

A vSphere HA cluster with four hosts has admission control configured to tolerate one host failure. Which statement is true if a fifth host is added?

- A. CPU and Memory capacity will be set to 50%.
- B. CPU and Memory capacity will be set to 30%.
- C. CPU and Memory capacity will be set to 25%.
- D. CPU and Memory capacity will be set to 20%.

**Answer: (SHOW ANSWER)**

Explanation/Reference:

Explanation:

Select the Percentage of Cluster Resources Reserved admission control policy. This policy offers the most flexibility in terms of host and virtual machine sizing. When configuring this policy, choose a percentage for CPU and memory that reflects the number of host failures you want to support. For example, if you want vSphere HA to set aside resources for two host failures and have ten hosts of equal capacity in the cluster, then specify 20% Reference:

<https://docs.vmware.com/en/VMware-vSphere/6.0/com.vmware.vsphere.avail.doc/GUID-BD6D9434-84C8-4937-BC76-04852F5EA136.html>

#### **NEW QUESTION: 97**

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: A,D (LEAVE A REPLY)**

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

#### **NEW QUESTION: 98**

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: B (LEAVE A REPLY)**

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: 99**

The vSphere Data Protection performance analysis results in the "Conditionally Passed" status. What can cause this condition?

- A. The results did not meet the minimum performance expectations.
- B. The read, write, and seek tests were successful.
- C. The read and write tests were successful but the seek test failed.
- D. The read and write tests were successful but the seek test skipped.

**Answer: (SHOW ANSWER)**

Explanation/Reference:

Explanation:

Possible results are Passed, Failed, and Conditionally Passes if the seek test is selected (Excluded by Default). If all tests succeed, the result is Passed. If the write or read tests are unsuccessful, the result

is Failed. If the seek test is selected and if the write and read tests are successful but the seek test fails, the result is Conditionally Passed.

Reference:

<https://docs.vmware.com/en/VMware-vSphere/6.0/vmware-data-protection-administration-guide-60.pdf>  
page 75

**NEW QUESTION: 100**

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.

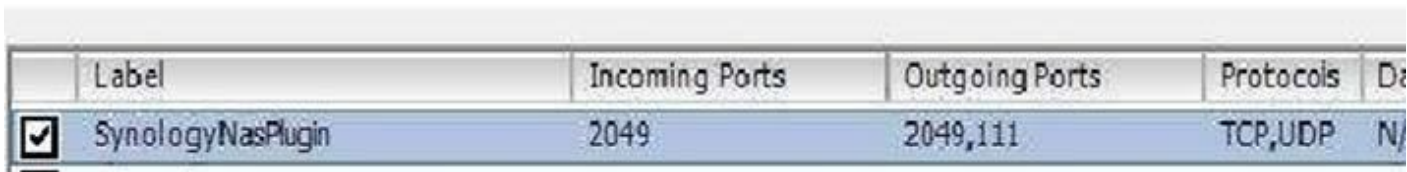
**Answer: (SHOW ANSWER)**

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
<input checked="" type="checkbox"/>	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: 101**

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:

**NEW QUESTION: 102**

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: 103**

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->

407A-BF2E-E7B72708D825.html

**NEW QUESTION: 104**

What is the correct way to replace the certificate on an existing vCenter Server that is part of a vCenter HA configuration?

- A. Put the vCenter HA in Maintenance mode, replace the certificate, exit Maintenance mode.
- B. Shut down Passive and Witness nodes and replace the certificate on the Active node.
- C. Remove the Passive and Witness nodes, replace the certificate, reconfigure the cluster.
- D. Replace the certificate while all nodes are participating in the cluster.

**Answer: C (LEAVE A REPLY)**

Explanation/Reference:

Reference:

<https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.vsphere.avail.doc/GUID-CDC20BD4-E0CE-45D9-B73B-9AA795DA5FDD.html>

**NEW QUESTION: 105**

What three conditions could result in VMware Flash Read Cache being unable to claim a disk?  
(Choose three.)

- A. The disk is not listed in the VMware hardware compatibility guide.
- B. The disk is not detected as an SSD.
- C. The disk is not detected as local.
- D. The disk is in use by VMFs.

**Answer: (SHOW ANSWER)**

Explanation/Reference:

Reference:

<https://docs.vmware.com/en/VMware-vSphere/6.0/com.vmware.vsphere.troubleshooting.doc/GUID-6E75A727-C2D9-4B20-B47A-A243AE1881.html>

**NEW QUESTION: 106**

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-94FCC204-115A-4918-9533-BFC588338ECB.html>

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#### **NEW QUESTION: 107**

What is the minimum disk space required to deploy vSphere Data Protection (VDP) with 8 TB configuration?

- A. 4 TB
- B. 16 TB
- C. 8 TB
- D. 12 TB

**Answer: (SHOW ANSWER)**

Explanation/Reference:

Reference: <https://docs.vmware.com/en/VMware-vSphere/6.0/vmware-data-protection-administration-guide-60.pdf> page 23

#### **NEW QUESTION: 108**

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: 109**

Assume that all ESXi hosts need several default settings changed to custom values to comply with internal practices, and compliance must be routinely audited.

What vSphere technology enables the administrator to ensure consistent configuration at scale?

- A. PowerCLI
- B. Host Profiles
- C. esxcli
- D. vSphere Web Client

**Answer: (SHOW ANSWER)**

Explanation/Reference:

Reference: <https://www.vmware.com/content/dam/digitalmarketing/vmware/en/pdf/techpaper/vmw-host-profiles-tech-overview-white-paper.pdf>

**NEW QUESTION: 110**

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: 111**

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: (SHOW ANSWER)**

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: 112**

An attempt to delete NFS datastore from a ESXi host returns the error:

Sysinfo error on operation returned the following status: Busy

Which two statements could explain this failure? (Choose two.)

- A. NFS datastore is a part of Storage DRS Cluster.
- B. NFS.VolumeRemountFrequency value is set to 30.
- C. Storage I/O Control is enabled on NFS datastore.
- D. NFS datastore has running or registered virtual machines.

**Answer: (SHOW ANSWER)**

Explanation/Reference:

Explanation:

In an ESXi 6.5 cluster only "NFS datastore has running or registered virtual machines" returns.

**NEW QUESTION: 113**

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: (SHOW ANSWER)**

Explanation/Reference:

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

**NEW QUESTION: 114**

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: (SHOW ANSWER)**

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: 115**

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: 116**

The virtual machine log rotation size can be changed for all VMs by which two interfaces? (Choose two.)

- A. PowerCLI
- B. vSphere Web Client
- C. ESXi host client
- D. esxcli

**Answer: (SHOW ANSWER)**

Explanation/Reference:

Reference:

[https://kb.vmware.com/selfservice/microsites/search.do?language=en\\_US&cmd=displayKC&externalId=8182749](https://kb.vmware.com/selfservice/microsites/search.do?language=en_US&cmd=displayKC&externalId=8182749)

**NEW QUESTION: 117**

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](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: 118**

A vSphere Administrator has VM Component Protection (VMCP) enabled, but the VM was not restarted when one of the VMFS datastores experienced an All Paths Down (APD) failure.

What two scenarios would explain why the virtual machine was not restarted? (Choose two.)

- A. VM Monitoring is required in order for VMCP to failover during an APD event.
- B. VMware Tools is not installed on the guest operating system for the VM.
- C. Insufficient Capacity is available on the failover ESXi hosts.
- D. The APD failure was corrected before the VM could be restarted.

**Answer: (SHOW ANSWER)**

Explanation/Reference:

Reference: <https://communities.vmware.com/thread/553779>

**NEW QUESTION: 119**

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: (SHOW ANSWER)**

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

**NEW QUESTION: 120**

Which two storage configurations on the source server are unsupported with VMware Converter? (Choose two.)

- A. Linux LVM
- B. software RAID
- C. GPT/MBR hybrid disks
- D. Windows basic volumes
- E. Windows dynamic volumes

**Answer: (SHOW ANSWER)**

Explanation/Reference:

Explanation:

Supported and Nonsupported Source Volumes and Disks

Source	Supported Volumes and Disks	Nonsupported Volumes and Disks
Virtual machine	• Basic volumes • All types of dynamic volumes • Master boot record (MBR) disks • GUID partition table (GPT) disks	RAID GPT/MBR hybrid disks RDM disks

Reference:

[https://www.vmware.com/pdf/convsa\\_61\\_guide.pdf](https://www.vmware.com/pdf/convsa_61_guide.pdf) page 23

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