

## 2V0-622 Dumps

### VMware Certified Professional 6.5 - Data Center Virtualization

<https://www.certleader.com/2V0-622-dumps.html>



**NEW QUESTION 1**

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:** CE

**NEW QUESTION 2**

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:** B

**Explanation:** Before enabling SIOC, ensure that datastores are managed by a single vCenter Server.

**NEW QUESTION 3**

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:** BCE

**NEW QUESTION 4**

A domain user is able to successfully log into the vSphere Web Client, but notices that the vCenter Server system does not appear in the inventory. Which is the cause of this situation?

- A. The Service Control Agent service is not running.
- B. The vCenter Server does not have any hosts added to inventory yet.
- C. The domain user has read-only permissions on vCenter Server.
- D. The domain user does not have vCenter Server permissions.

**Answer:** D

**Explanation:** The vCenter Server system will not appear in the inventory if you do not have permissions on it. For example, if you log in as the vCenter Single Sign On administrator user, you might not have permissions on any vCenter Server system.

**NEW QUESTION 5**

In a vSphere 6.5 cluster, the administrator notices that it is possible to set a percentage in the DRS option, "Control CPU over-commitment in the cluster." Which is the purpose of this setting?

- A. It sets and enforces a maximum percentage of virtual machine CPU usage in GHz in comparison to physical CPU availability in GHz.
- B. It sets and enforces a maximum ratio in percentage between powered on virtual machine CPUs and available physical CPUs on hosts.
- C. It prevents the creation of any additional virtual machines in the cluster.
- D. It calculates the total shares assigned to all virtual machines in comparison to GHz of available physical CPU.

**Answer:** B

**Explanation:** <https://blogs.vmware.com/vsphere/2016/10/whats-new-in-vsphere-6-5-host-resource-management-and-operation-over-commitment>: This is an option to enforce a maximum vCPU:pCPU ratios in the cluster. Once the cluster reaches this defined value, no additional VMs will be allowed to power on."

**NEW QUESTION 6**

An administrator has decided to use Auto Deploy in the environment.

Which two considerations must be taken into account before configuring Auto Deploy? (Choose two.)

- A. Hosts in a cluster must be connected to a Distributed Switch.
- B. Host profiles are not supported when using Auto Deploy.
- C. DHCP must be configured to support PXE boot.
- D. Storage DRS must be enabled.

E. A TFTP server must be setup and running.

**Answer:** CE

#### NEW QUESTION 7

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:** ACD

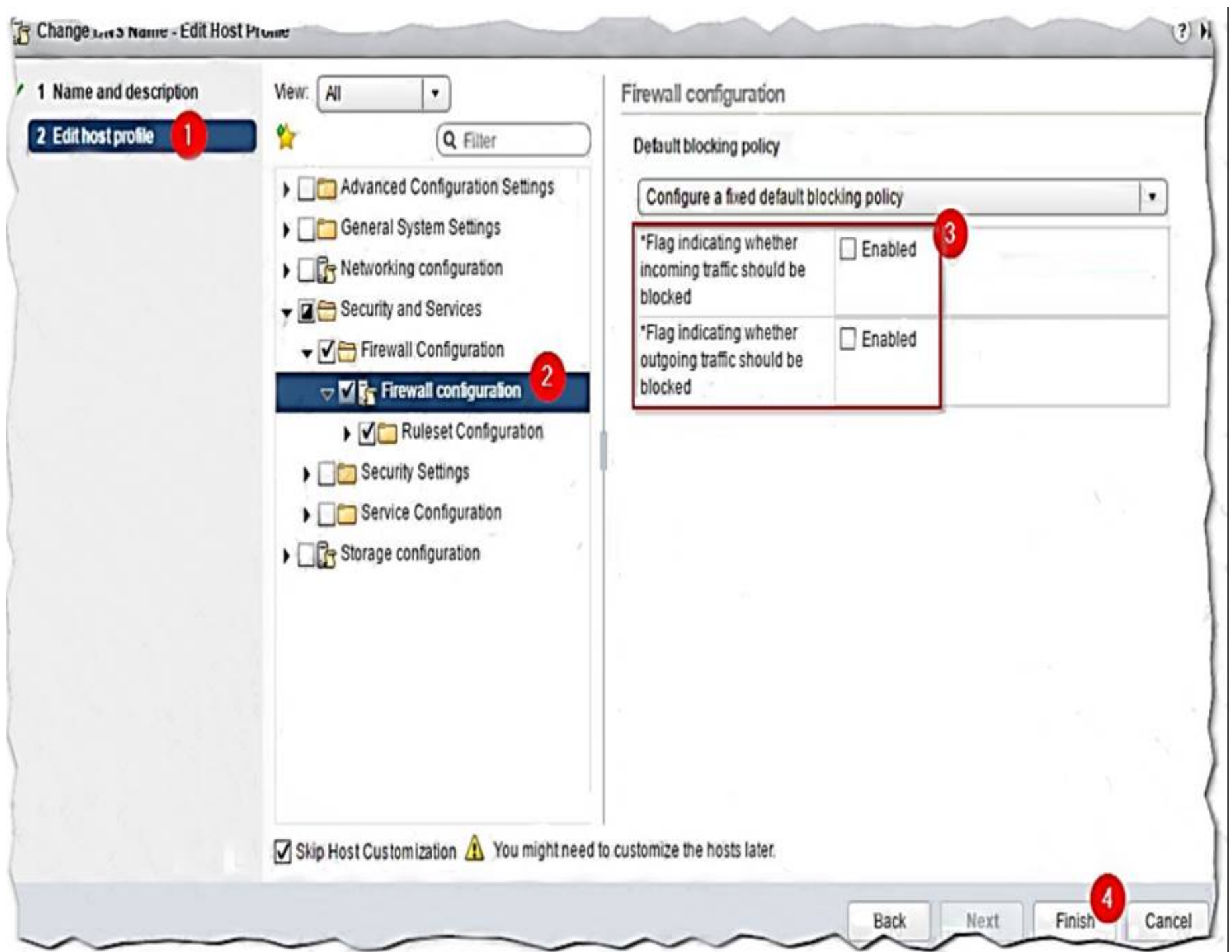
#### NEW QUESTION 8

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

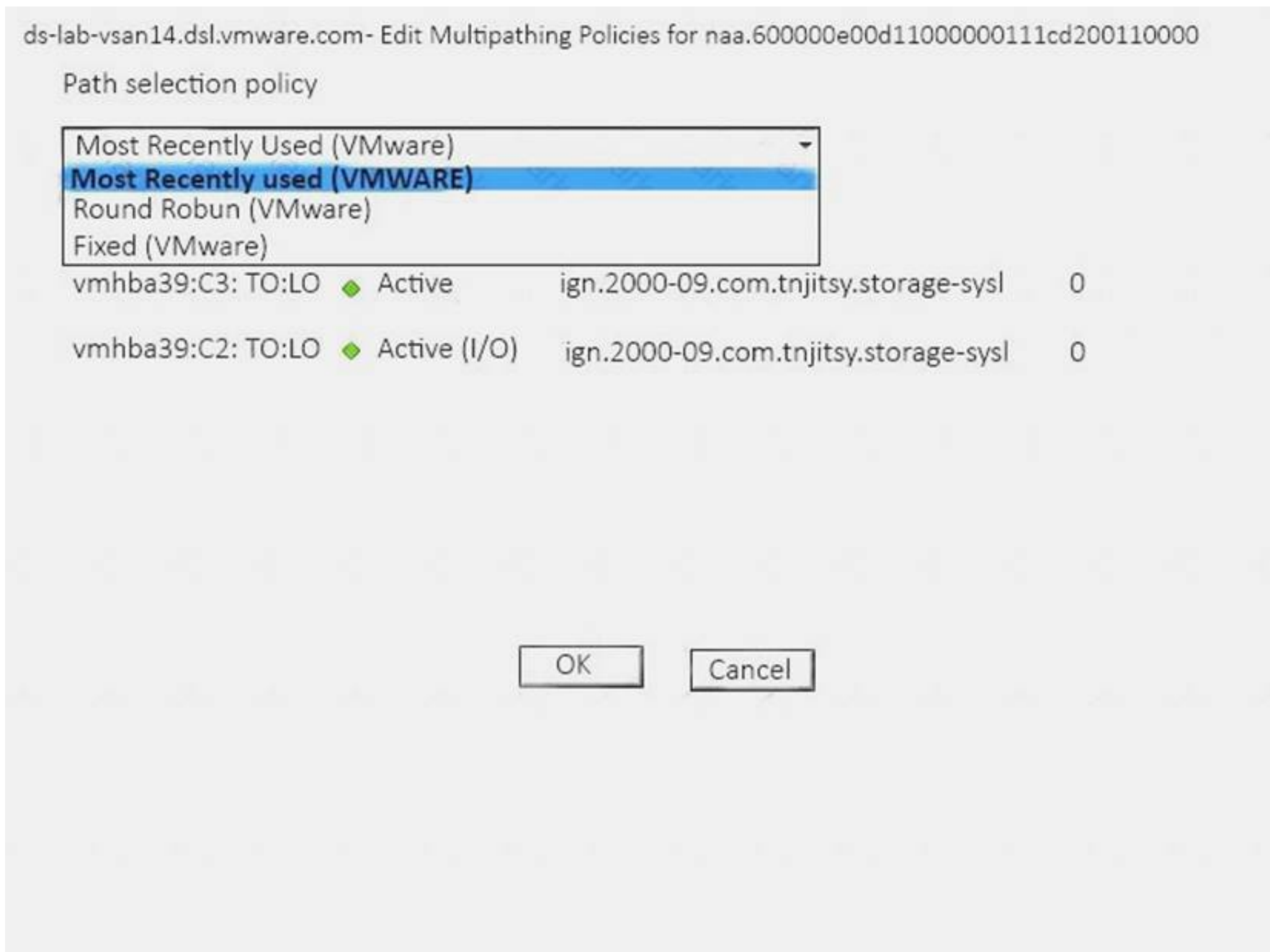
- A. Advanced Configuration Settings
- B. General System Settings
- C. Security
- D. Networking

**Answer:** C

**Explanation:**



#### NEW QUESTION 9



Examine the LUN properties that are shown in the exhibit. Which action should be taken to utilize all active paths?

- A. Change PSP to Most Recently Used
- B. No action require
- C. All paths are already utilized.
- D. Change PSP to Fixed.
- E. Change PSP to Round Robin.

**Answer:** D

**Explanation:** The host uses an automatic path selection algorithm rotating through all active paths when connecting to active-passive arrays, or through all available paths when connecting to active-active arrays. RR is the default for a number of arrays and can be used with both active-active and active-passive arrays to implement load balancing across paths for different LUNs.

#### NEW QUESTION 10

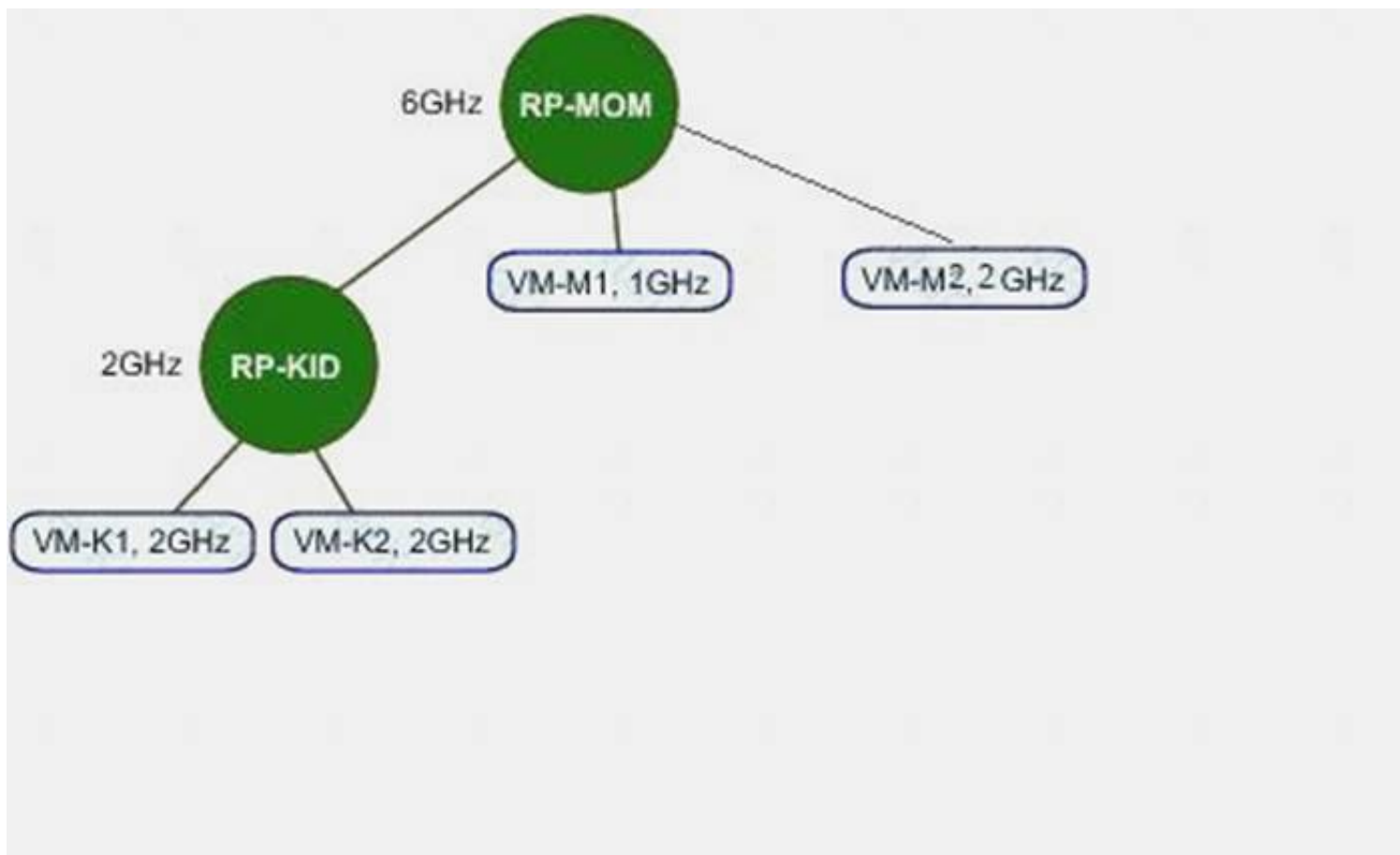
When installing vCenter Converter Standalone, why must an administrator perform a client-server installation instead of a local installation?

- 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:** A

#### NEW QUESTION 10

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:** A

#### NEW QUESTION 13

It is determined that the Migration Assistant will be used to migrate from vCenter Server 5.5 on Windows with an external instance of Update Manager to a vCenter Server Appliance 6.5.

Which option is correct in regard to migrating Update Manager?

- A. The Migration Assistant must be run on vCenter Server first and then on the Update Manager server.
- B. The Migration Assistant must be run on the Update Manager server first and then on vCenter Server.
- C. Migrating Update Manager from legacy versions of vCenter Server to a vCenter Server Appliance 6.5 is not supported.
- D. The Migration Assistant can only migrate local instances of Update Manager to the vCenter Server Appliance 6.5.

**Answer:** B

#### NEW QUESTION 18

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:** B

#### NEW QUESTION 22

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:** ABC

**Explanation:** When you enable Storage DRS, you enable the following functions:

#### NEW QUESTION 23

To enable Predictive DRS, which three steps must be taken? (Choose three.)

- A. vRealize Log Insight must be enabled and configured to watch for Predictive DRS moves.
- B. The corresponding virtual machines must be tagged for Predictive DRS use.
- C. A supported version of vRealize Operations Manager must be configured and enabled.



- D. The Predictive DRS check box must be enabled.
- E. DRS must be enabled.

**Answer:** CDE

#### NEW QUESTION 28

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:** AD

**Explanation:** <https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.vsphere.virtualsan.doc/GUID-AFF133BC-F4B>  
<http://cormachogan.com/2014/01/21/vsan-part-15-multicast-requirement-for-networking-misconfiguration-detec>

#### NEW QUESTION 30

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:** A

**Explanation:** 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.

#### NEW QUESTION 32

Which is the purpose of VM Component Protection (VMCP)?

- A. Reconnect virtual NICs that become disconnected
- B. Respond when a datastore encounters a PDL or APD failure.
- C. Restart applications when they are no longer running.
- D. Respond when viruses are detected inside a virtual machine.

**Answer:** B

#### NEW QUESTION 35

Which are the two storage options for a Content Library when using the VMware vCenter Appliance? (Choose two.)

- A. FTP
- B. NFS
- C. CIFS
- D. VMFS

**Answer:** BD

**Explanation:** When you create a local library, you can store its contents on a datastore managed by the vCenter Server instance or on a remote file system. Depending on the type of storage that you have, you can use Virtual Machine File System (VMFS) or Network File System (NFS) for storing content on a datastore.

#### NEW QUESTION 37

Which component must be deployed before using encrypted virtual machines in a vSphere 6.5 environment?

- A. vCenter Server must use CA signed certificates
- B. a host with supported Trusted Platform Module
- C. supported password vault
- D. External Key Management Server

**Answer:** D

#### NEW QUESTION 38

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.
- B. iLO/iDRAC).
- C. The SSH service is disabled on the host.

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

**Answer:** CE

#### NEW QUESTION 40

Which two requirements must be met before enabling vSphere HA Application Monitoring for a virtual machine? (Choose two.)

- A. VMware Tools must be installed on the VM.
- B. The vSphere Guest SDK must be installed on the VMs needing Application Monitoring.
- C. Application Monitoring requires that vCenter Server is linked to a working instance of vRealize Operations Manager and the End Points Operations agent has been installed on the guest.
- D. Application Monitoring is only supported on Linux operating systems.
- E. Application Monitoring is only supported on Windows operating systems.

**Answer:** AB

#### NEW QUESTION 41

What are three considerations when booting ESXi host from SAN using 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:** BCD

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

#### NEW QUESTION 42

In vSphere 6.5, a virtual machine is thinly-provisioned on a VMFS6 datastore. The administrator deleted a large file within the guest OS. The freed blocks in the datastore are no longer needed by the VM.

Which feature in vSphere 6.5 allows the backing storage to automatically reclaim the freed blocks?

- A. ATS
- B. Defrag
- C. UNMAP
- D. Auto Reclaim

**Answer:** C

**Explanation:** VAAI UNMAP was introduced in vSphere 5.0 to allow the ESXi host to inform the backing storage that files or VMs had be moved or deleted from a Thin Provisioned VMFS datastore. This allowed the backing storage to reclaim the freed blocks. There was no way of doing this previously, resulting in many customers with a considerable amount of stranded space on their Thin Provisioned VMFS datastores.

#### NEW QUESTION 43

Which two partitions are used for the VMware vCenter Server Appliance embedded vPostgres database? (Choose two.)

- A. /storage/seat/
- B. /storage/netdump/
- C. /storage/db/
- D. /storage/core/

**Answer:** AC

**Explanation:**

VMDK6	10GB	/storage/db	VMware Postgres database storage location
VMDK7	5GB	/storage/dblog	VMware Postgres database logging location
VMDK8	10GB	/storage/seat	Stats, Events, Alarms and Tasks (SEAT) directory for VMware Postgres

#### NEW QUESTION 44

Which two components are necessary for the first boot of a host using Auto Deploy? (Choose two.)

- A. Host Profiles
- B. Bulk licensing
- C. vSphere Authentication Proxy
- D. TFTP
- E. DHCP

**Answer:** DE

#### NEW QUESTION 45

An administrator must collect diagnostic information following a failed ESXi host upgrade. Which command should the administrator run?

- A. vm-support
- B. Get-Esxtop
- C. vicfg-syslog
- D. esxtop -R vm-support\_dir\_path

**Answer:** A

#### NEW QUESTION 50

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:** CD

#### NEW QUESTION 52

Which happens if the swap file of a virtual machine is inaccessible to the destination host during a vMotion?

- A. The swap file is stored with the virtual machine configuration file.
- B. The swap file is copied to the destination host.
- C. The vMotion will fail.
- D. The swap file is replicated to a datastore accessible by both hosts.

**Answer:** A

#### Explanation:

If the destination host cannot access the specified swap file location, it stores the swap file with the virtual machine configuration file.

#### NEW QUESTION 55

For Virtual Machine Compatibility upgrade, a VM needs to be in which power state?

- A. Maintenance mode
- B. Suspended
- C. Powered Off
- D. Powered On

**Answer:** C

#### NEW QUESTION 56

An administrator is investigating virtual machine performance issues using ESXTOP. The ESXi host does not have hyperthreading enabled. Which statistics would be relevant for troubleshooting VM performance issues?

- A. %RDY
- B. %IDLE
- C. %RUN
- D. CORE UTIL(%)

**Answer:** A

#### NEW QUESTION 58

VCSA backup can be backed up and sent to different location via several different protocols. Which are three of the supported protocols? (Choose three.)

- A. CIFS
- B. SCP
- C. HTTP
- D. FTPS
- E. AFP

**Answer:** BCD

#### NEW QUESTION 59

The Health Check feature in the vSphere Distributed Switch helps troubleshoot network connectivity. What three checks does this feature perform? (Choose three.)



- A. Network Utilization
- B. MTU
- C. VLAN
- D. Teaming and Failover

**Answer:** BCD

**Explanation:** <https://kb.vmware.com/s/article/2032878>

#### NEW QUESTION 64

A vSphere administrator wants to upgrade NFS3 datastores to NFS4.1 on ESXi 6.5 hosts with running production virtual machines. Which option is valid?

- A. Run ESXi command to upgrade the datastore.
- B. Unmount the datastore from a single host, then mount it as NFS 4.1 datastore, and repeat this one host at a time until the mount has been upgraded on all hosts.
- C. Create a new NFS 4.1 datastore, and then use Storage vMotion to migrate virtual machines from the old datastore to the new one.
- D. Right click the datastore and upgrade it as a NFS 4.1 datastore.

**Answer:** C

#### NEW QUESTION 67

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:** D

#### NEW QUESTION 69

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

**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 72

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:** CD

**Explanation:** You require these permissions to perform Storage vMotion from the Remote Command Line Interface (RCLI): Resource:  
[https://kb.vmware.com/selfservice/microsites/search.do?language=en\\_US&cmd=displayKC&externalId=1011345](https://kb.vmware.com/selfservice/microsites/search.do?language=en_US&cmd=displayKC&externalId=1011345)

#### NEW QUESTION 75

vSphere Data Protection 6.1 provides the ability to back up and restore individual applications. Which are the three supported applications? (Choose three.)

- A. Microsoft Dynamics Server
- B. Oracle Database Server
- C. Microsoft SharePoint Server
- D. Microsoft Exchange Server
- E. Microsoft SQL Server

**Answer:** CDE

#### NEW QUESTION 78

Which is the predefined user name when publishing a Content Library?

- A. admin
- B. root
- C. administrator
- D. vcsp

**Answer:** D

#### NEW QUESTION 82

A working virtual machine (VM) is migrated to a new Port Group from an existing Port Group on the same switch. The VM loses network connectivity when the migration is completed.

Which could be a reason for the lack of connectivity for the VM?

- A. The new Port Group is not configured with the same VLAN ID as the existing Port Group.
- B. The Virtual Machine must be rebooted before the settings take effect.
- C. The new Port Group is not configured with the same name as the existing Port Group.
- D. The ESXi host must be rebooted before the settings take effect.

**Answer:** A

**Explanation:** In order to migrate a new port group from an existing one on the same switch, you need to configure the same VLAN ID as the existing port group.

#### NEW QUESTION 87

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

#### NEW QUESTION 88

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

**Answer:** ACDE

**Explanation:**

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

#### NEW QUESTION 93

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:** B

**Explanation:** Support for ERSPAN

ERSPAN mirrors traffic on one or more “source” ports and delivers the mirrored traffic to one or more “destination” ports on another switch. vSphere 6.5 includes support for the ERSPAN protocol.

#### NEW QUESTION 94

Which setting will allow a virtual machine to have direct secure access to an RDM?

- A. NIOC
- B. NPV
- C. NPIV
- D. CUID Mask

**Answer:** C

#### NEW QUESTION 97

Which is the minimum vSphere Distributed Switch version needed to support Network Health Check?

- A. 6.5
- B. 5.1
- C. 4.1
- D. 5.5

**Answer:** B

#### NEW QUESTION 101

After deploying the vCenter Server Appliance, an administrator can log into the vSphere Web Client as “administrator@vSphere.local”, but not with Active Directory domain credentials.

Which action will troubleshoot this?

- A. Create a domain group named “esxadmins” and add the domain account to it.
- B. Add the Active Directory domain as a Single Sign-On identity source.
- C. Change the Active Directory account password to match administrator@vSphere.local” password.
- D. Create a child domain named “vSphere.local”.

**Answer:** B

#### NEW QUESTION 103

Which two statements correctly describe VM-VM affinity rules? (Choose two.)

- A. vSphere DRS attempts to keep the virtual machines together on the same ESXi host.
- B. When two VM-VM affinity rules conflict, the older one takes precedence and the newer rule is disabled.
- C. vSphere DRS attempts to keep the virtual machines on separate ESXi hosts.
- D. When two VM-VM affinity rules conflict, the newer one takes precedence and the older rule is disabled.

**Answer:** AB

#### NEW QUESTION 105

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:** A

**Explanation:** Correct order is:

- 1 Back up your configuration
- 2 Upgrade vCenter Server
- 3 Upgrade ESXi hosts
- 4 Upgrade virtual machines and virtual appliances

#### NEW QUESTION 109

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 is use is incompatible.
- D. UNMAP is automated for VMFS6.

**Answer:** D

**Explanation:** The additional space is not recovered because UNMAP is automated for VMFS 6. To get additional space recovered using the manual reclaim process, you need to remove UMAP from being automated for VMFS 6.

#### NEW QUESTION 110

An administrator notices that a virtual machine running SQL Server is not performing as expected. Upon checking the logs, the administrator sees the following error:

vmware.log> vmx| W110: NUMA and VCPU hot add are incompatible. Forcing UMA How can the administrator resolve this issue?

- A. Power off the virtual machine and disable vCPU hot plug.

- B. Reinstall VMware Tools.
- C. Modify the .vmx file to force NUMA and vCPU hot add to function.
- D. Install a third party plug-in to enable NUMA and vCPU hot add to function.

**Answer:** A

#### NEW QUESTION 111

A VM-Host affinity rule states that VM group “X” must run on hosts in group “Y”.  
If all ESXi hosts in group “Y” fail, which is the resulting behavior with vSphere HA enabled?

- A. The virtual machines in group “X” will failover to hosts that do not belong to group “Y”, but will vMotion back to hosts in group “Y” when they become available.
- B. The virtual machines in group “X” will not failover to hosts that do not belong to group “Y”.
- C. This scenario is not possible because vSphere HA and DRS cannot work together.
- D. The virtual machines in group “X” will only fail over to hosts that do not belong to group “Y” if they are marked as “High” VM Restart Priority within vSphere HA.

**Answer:** B

#### NEW QUESTION 112

Which command will start all services on a vCenter Server Appliance?

- A. /etc/init.d/hostd start
- B. services.sh restart
- C. service-control - -start -- all
- D. service vmware - - vpxd start

**Answer:** C

#### NEW QUESTION 115

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:** ABD

**Explanation:** With virtual machine user sample role, you can reset a virtual machine, power on a VM, and configure CD media. All other roles are for the administrator to perform.

#### NEW QUESTION 117

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:** CF

#### NEW QUESTION 118

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

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

**Answer:** AB

#### NEW QUESTION 119

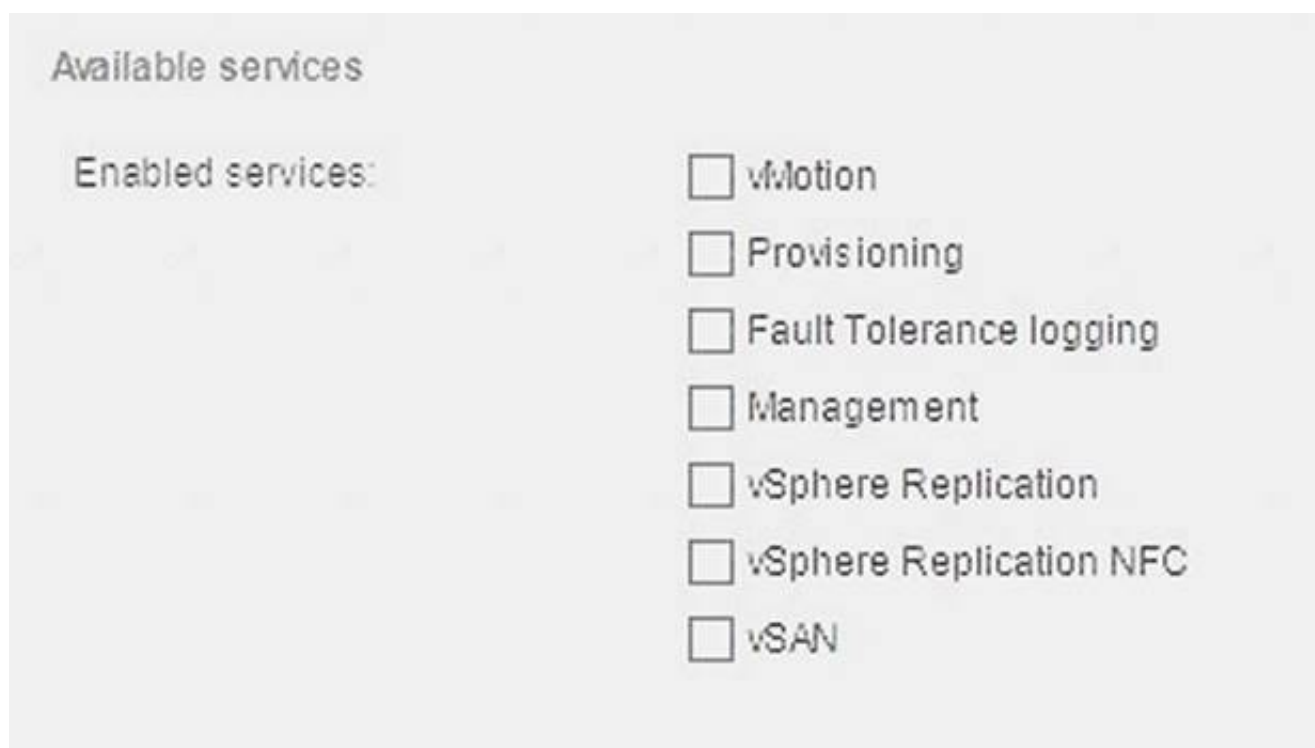
An administrator is creating VMkernel adapters on an ESXi 6.5 host and wants to create separate VMkernel adapters for every type of traffic in the default TCP/IP stack.

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:** ACE

**Explanation:**



#### NEW QUESTION 124

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:** D

**Explanation:** View the current vSwitch configuration and vmkernel interface configuration using these commands:

#### NEW QUESTION 126

A new virtual machine cannot reach its default gateway.

- The vSphere administrator checks that the virtual machine's vmnic is connected to the correct portgroup, and that the portgroup is on the correct virtual switch
- This is the only virtual machine on this portgroup
- Other virtual machines that are on the host and connected to the same Distributed switch are running as normal
- The Distributed Switch has only one uplink Which could be the cause of this issue?

- A. Block All Ports has been selected on the Distributed Switch.
- B. The wrong VLAN ID has been added to the portgroup.
- C. The VLAN has not been configured in virtual machine hardware settings.
- D. The physical adapter is down.

**Answer:** B

**Explanation:** The default gateway is an entry point and an exit point in a virtual machine sub-net, VLAN, or network. In general, a gateway is a routing device that knows how to pass traffic between different subnets and networks.

Layer 2 and layer 3 switches with VLAN configuration allow IP assignment to each VLAN that will be used as default gateway as for that particular VLAN. A router contains routes for other subnets. Therefore, the problem occurs when wrong VLAN ID is added to the portgroup.

Topic 2, Exam Set B

#### NEW QUESTION 127

Two sibling resource pools named RP-CHILD-A and RP-CHILD-B have these configurations:

- RP-CHILD-A has an expandable reservation and memory shares set to '2000' with 10 VMs, each with 4GB of RAM
- RP-CHILD-B has an expandable reservation and memory shares set to '4000' with 30 VMs, each with 4GB of RAM

Which statement is true during times of memory contention?

- A. VMs in RP-CHILD-B will have the same number of shares as in RP-CHILD-A
- B. VMs in RP-CHILD-A will not use shares to allocate resources
- C. As long as no additional VMs are added to either resource pool, VMs in RP-CHILD-A will ALWAYS have more shares per VM than RP-CHILD-B
- D. As long as no additional VMs are added to either resource pool, VMs in RP-CHILD-B will ALWAYS have more shares per VM than RP-CHILD-A

**Answer:** C

#### NEW QUESTION 128

Which three source object types are available for subscription when creating a subscribed content library in vSphere 6.5? (Choose three.)

- A. CIFS repository



- B. vSphere 6 library
- C. HTTP server
- D. vCD 5.5 catalog
- E. 3rd-party library

**Answer:** BDE

#### NEW QUESTION 131

In vCenter Server 6.5, which two host states can be configured as remediation steps with Proactive HA? (Choose two.)

- A. Maintenance mode
- B. Disconnected
- C. Powered off
- D. Standby mode
- E. Quarantine mode

**Answer:** AE

**Explanation:** Proactive HA Failures

A Proactive HA failure occurs when a host component fails, which results in a loss of redundancy or a noncatastrophic failure. However, the functional behavior of the VMs residing on the host is not yet affected.

For example, if a power supply on the host fails, but other power supplies are available, that is a Proactive HA failure.

If a Proactive HA failure occurs, you can automate the remediation action taken in the vSphere Availability section of the vSphere Web Client. The VMs on the affected host can be evacuated to other hosts and the host is either placed in Quarantine mode or Maintenance mode.

References:

#### NEW QUESTION 133

What three options can improve network performance for a virtual machine? (Choose three.)

- A. MLD
- B. TSO
- C. NetFlow
- D. LRO
- E. SR-IOV

**Answer:** BDE

**Explanation:** <https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.vsphere.networking.doc/GUID-78A92BE1-890>

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

[https://en.wikipedia.org/wiki/Multicast\\_Listener\\_Discovery](https://en.wikipedia.org/wiki/Multicast_Listener_Discovery)

#### NEW QUESTION 134

Which three object types can be stored in the Content Library? (Choose three.)

- A. vDS backups
- B. VM templates
- C. vAPP templates
- D. ISO files

**Answer:** BCD

#### NEW QUESTION 139

How can an administrator exclude Encryption rights from a support engineer?

- A. Clone the role virtual machine power user , remove Cryptographic operations privileges.
- B. Clone the role No cryptography administrator and select privileges only for the support engineer.
- C. Clone the role virtual machine power user and assign to the support engineer.
- D. Clone the role Administrator and assign to the support engineer.

**Answer:** B

#### NEW QUESTION 143

Assuming a mirrored (RAID-1) object configuration, how may hosts must contribute storage in a non-stretched VMware vSAN cluster to satisfy the “Number of failures to tolerate” policy option?

“n” is the desired “Number of failures to tolerate” value for all options.

- A. 3n
- B. 2n
- C. 2n+1
- D. 2n+2

**Answer:** C

**Explanation:**

#### VMware vSAN Policy Options

Capability	Use Case	Value	Comments
Number of failures to tolerate	Redundancy	Default 1 Max 3	<p>A standard RAID 1 mirrored configuration that provides redundancy for a virtual machine disk. The higher the value, the more failures can be tolerated. For n failures tolerated, n+1 copies of the disk are created, and 2n+1 hosts contributing storage are required.</p> <p>A higher n value indicates that more replicas of virtual machines are made, which can consume more disk space than expected.</p>

#### NEW QUESTION 147

Which statement is correct when migrating from a Windows vCenter Server to the vCenter Server Appliance 6.5?

- A. Migration deployments do not migrate local OS users from the source vCenter Server.
- B. Migration deployments support DHCP on the source vCenter Server.
- C. Migration deployments allow the source vCenter Server to remain powered on afterwards.
- D. Migration deployments support custom ports for all services on the source vCenter Server.

**Answer: A**

#### NEW QUESTION 152

When using VMware Converter to import a Windows server and improve the consistency of the destination virtual machine, which optional step can be performed immediately prior to powering down the source server?

- A. Uninstall production applications.
- B. Perform a final synchronization task.
- C. Remove the server from the Active Directory domain.
- D. Remove the server from the network.

**Answer: B**

#### NEW QUESTION 155

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

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

**Answer: B**

#### NEW QUESTION 160

When using DPM in a vSphere HA cluster with Admission Control enabled, which two statements are true? (Choose two.)

- A. DPM cannot be enabled on a cluster with HA Admission control enabled.
- B. If necessary, DPM powers on hosts from standby mode to maintain failover needs.
- C. EVC must be enabled on the cluster before DPM can be enabled.
- D. DPM and HA do not interact with each other.
- E. There will be no change in behavior when DPM is enabled on a cluster using HA.
- F. DPM does not place hosts in standby mode if doing so would violate failover requirements.

**Answer: BE**

#### NEW QUESTION 161

In what two ways can Storage DRS load balance virtual machines? (Choose two).

- A. virtual storage controller
- B. I/O latency
- C. anti-affinity rules
- D. guest OS family

**Answer: BC**

**NEW QUESTION 165**

ESXi 6.5 introduces VMFS6, which supports both 512e and 512n devices.

What three configurations are supported when using these devices? (Choose three.)

- A. Hosts with both 512e and 512n devices.
- B. Storage vMotion between both 512e and 512n devices.
- C. Datastore Extents spanned between both 512e and 512n devices.
- D. Storage DRS clusters containing only both 512e and 512n devices.

**Answer:** ABD

**Explanation:** VMFS can host both 512e and 512n devices. It also supports storage vMotion between 512e and 512n devices. In addition to that DRS clusters can contain both 512e and 512n devices at the same time.

**NEW QUESTION 166**

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

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

**Answer:** D

**NEW QUESTION 167**

Which is the correct sequence to upgrade a vSphere infrastructure?

- A. vCenter Server > ESXi host > VMware Tools > VM compatibility
- B. vCenter Server > ESXi host > VM compatibility > VMware Tools
- C. ESXi host > vCenter Server > VMware Tools > VM compatibility
- D. ESXi host > vCenter Server > VM compatibility > VMware Tools

**Answer:** A

**NEW QUESTION 172**

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

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

**Answer:** C

**NEW QUESTION 175**

What is the logical and physical sector size for 512e disks?

- A. Logical Sector Size 512 Physical Sector Size 512
- B. Logical Sector Size 512 Physical Sector Size 4096
- C. Logical Sector Size 4096 Physical Sector Size 4096
- D. Logical Sector Size 2048 Physical Sector Size 512

**Answer:** B

**NEW QUESTION 178**

What is a potential downside of having more than four storage paths per datastore?

- A. increases storage latency for VM
- B. limits the number of LUNs per host
- C. limits the storage protocols
- D. limits the path selection policies

**Answer:** B

**NEW QUESTION 181**

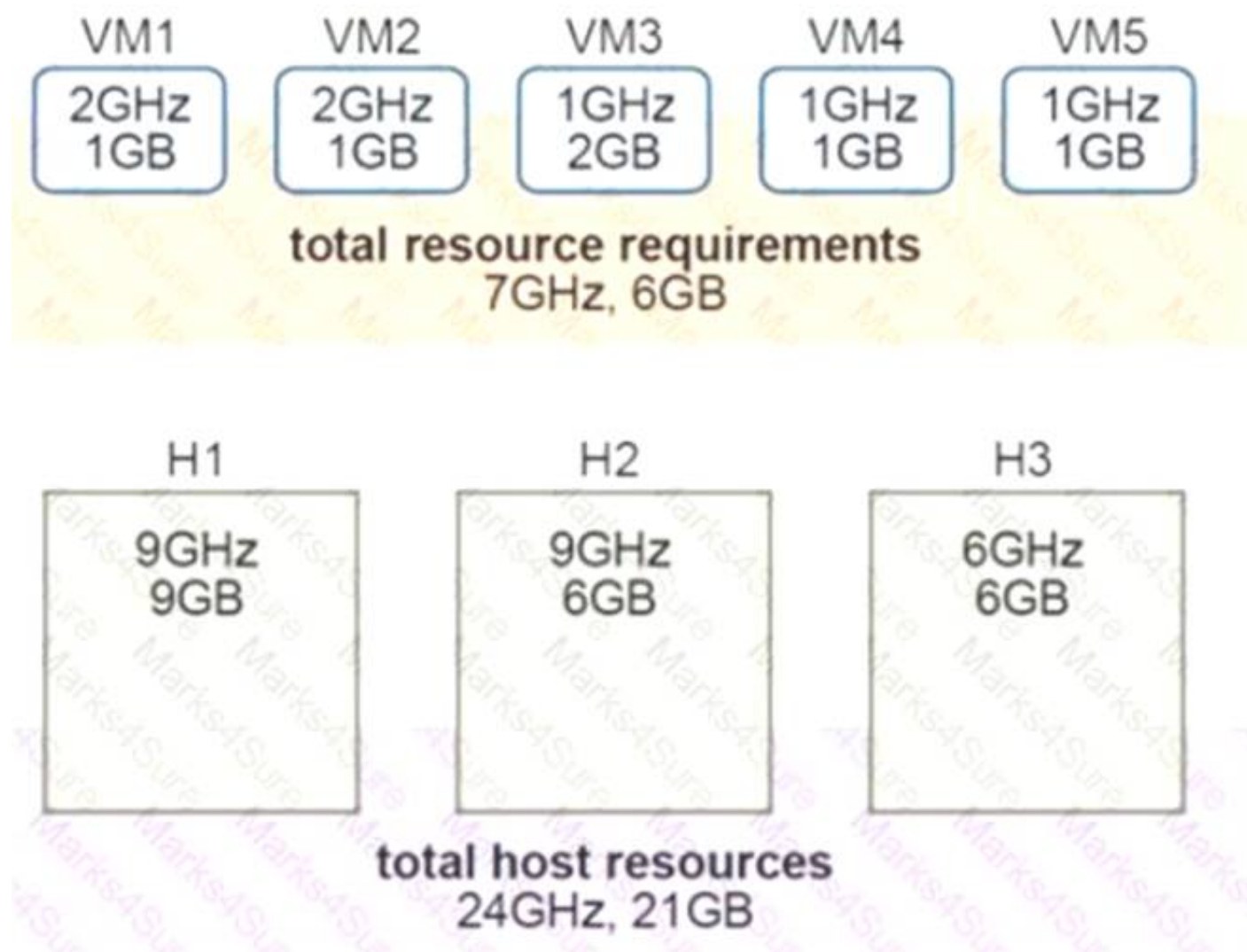
When troubleshooting VMware vCenter Server issues, which logging level provides maximum detail?

- A. info
- B. trivia
- C. error
- D. verbose

**Answer:** B

#### NEW QUESTION 185

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. 60%
- C. 70%
- D. 25%

**Answer:** A

**Explanation:** The way that Current Failover Capacity is calculated and used with this admission control policy is shown with an example. Make the following assumptions about a cluster: The cluster is comprised of three hosts, each with a different amount of available CPU and memory resources. The first host (H1) has 9GHz of available CPU resources and 9GB of available memory, while Host 2 (H2) has 9GHz and 6GB and Host 3 (H3) has 6GHz and 6GB. There are five powered-on virtual machines in the cluster with differing CPU and memory requirements. VM1 needs 2GHz of CPU resources and 1GB of memory, while VM2 needs 2GHz and 1GB, VM3 needs 1GHz and 2GB, VM4 needs 1GHz and 1GB, and VM5 needs 1GHz and 1GB. The Configured Failover Capacity is set to 25%. Admission Control Example with Percentage of Cluster Resources Reserved Policy

The total resource requirements for the powered-on virtual machines is 7GHz and 6GB. The total host resources available for virtual machines is 24GHz and 21GB. Based on this, the Current CPU Failover Capacity is 70%  $((24\text{GHz} - 7\text{GHz})/24\text{GHz})$ . Similarly, the Current Memory Failover Capacity is 71%  $((21\text{GB} - 6\text{GB})/21\text{GB})$ . Because the cluster's Configured Failover Capacity is set to 25%, 45% of the cluster's total CPU resources and 46% of the cluster's memory resources are still available to power on additional virtual machines.

#### NEW QUESTION 188

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

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

**Answer:** AC

#### NEW QUESTION 192

What two services run on all nodes in a vCenter Server HA cluster? (Choose two.)

- A. vmware-vmon
- B. vmware-vpostgres
- C. vmware-rbd-watchdog
- D. vmware-vcha

**Answer:** AD

#### NEW QUESTION 193

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. PVDRMA
- B. TSO
- C. SR-IOV
- D. LRO

**Answer:** BD

**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.

#### NEW QUESTION 198

On which level is the virtual machine system traffic reservation defined in Network I/O Control version 3?

- A. Uplink
- B. Distributed switch
- C. Distributed portgroup
- D. Host

**Answer:** B

#### NEW QUESTION 200

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. Remove permission for contractors on the cluster level
- B. Apply permission on the critical VMs for noncontractors.
- C. Apply permission for both contractors and non-contractors on the cluster level
- D. Remove permission on the critical VMs for contractors.
- E. Apply permission for both contractors and non-contractors on the VM
- F. Remove permission on the critical VMs for contractors.
- G. Apply permission for both contractors and non-contractors on the cluster level.

**Answer:** B

**Explanation:** To exclude the contractor group simply apply permission for both contractors and non-contractors on the cluster level. After that, remove permissions on the critical VMs for contractors.

#### NEW QUESTION 205

Which are the three supported backup types for the vCenter Server Appliance 6.5? (Choose three.)

- A. File-Based Backup
- B. vSphere Storage APIs-Data Protection
- C. Replication
- D. Snapshots
- E. vSphere Data Protection

**Answer:** ABE

#### NEW QUESTION 209

An attempt to delete NFS datastore from an ESXi host returns the error: Sysinfo error on operation returned the following status: Busy

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

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

**Answer:** AC

**Explanation:** The busy status indicated that either storage I/O control is enabled on NFS datastore or the NFS datastore is running on registered virtual machines. In both cases, sysinfo error on operation will be returned with busy status.

#### NEW QUESTION 214

Which external backup target can be used for vSphere Data Protection 6.1?

- A. NetApp Metro Cluster
- B. Dell EMCData Domain
- C. IBM SVC
- D. Hitachi USP VM



**Answer:** B

#### NEW QUESTION 219

An administrator procured a new server on which to install ESXi 6.5. The server is equipped with local Serial Attached SCSI (SAS) disks with 512e format (512bytes sector emulation).

Which file system does VMware support on this type of disk?

- A. VMFS6 (default) and VMFS5
- B. VMFS5
- C. 512e format is not supported
- D. VMFS6

**Answer:** A

#### NEW QUESTION 224

What are limits of vCenter Libraries in vSphere 6.5?

- A. Total items 2000, Biggest item size 1TB, total libraries per VC 1000, total items per library 1000 and max number of syncs 16
- B. Total items 4000, Biggest item size 512TB, total libraries per VC 2000, total items per library 2000 and max number of syncs 24
- C. Total items 1000, Biggest item size 1TB, total libraries per VC 1000, total items per library 1000 and max number of syncs 16
- D. Total items 2000, Biggest item size 1TB, total libraries per VC 1000, total items per library 1000 and max number of syncs 32

**Answer:** A

#### NEW QUESTION 228

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

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

**Answer:** AD

#### NEW QUESTION 231

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:** CDE

#### NEW QUESTION 236

When checking the distribution of virtual machines within a Fully Automated DRS cluster, an administrator notices an uneven spread across the hosts. Which advanced option within DRS would attempt to evenly balance VMs across the hosts?

- A. Disable DPM.
- B. Set DRS Migration Threshold to Aggressive.
- C. Enable VM Distribution.
- D. Migrate virtual machines to a Distributed Switch.

**Answer:** C

#### NEW QUESTION 237

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

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

**Answer:** ACD

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

When you use boot from SAN with multiple ESXi hosts, each host must have its own boot LUN. If you configure multiple hosts to share the same boot LUN, ESXi image corruption is likely to occur. Multipathing to a boot LUN on active-passive arrays is not supported because the BIOS does not support multipathing and is unable to activate a standby path.

The correct answers are:- ABCD. Direct connect topology is supported. Each host must have its own boot LUN.

ESXi hosts do not require local storage.

**NEW QUESTION 239**

When moving a virtual machine's virtual disks from Datastore Cluster A to Datastore Cluster B, which two options should be considered? (Choose two.)

- A. Any Inter-VM or Intra-VM Anti-Affinity rules that existed for the virtual disks in Datastore Cluster A will not be carried over into the new Datastore Cluster.
- B. The virtual machine's virtual disks will be placed by default onto the same datastore within Datastore Cluster B.
- C. If the virtual machine's virtual disks have anti-affinity rules in Datastore Cluster A, they must be deleted before the virtual disks can be moved into Datastore Cluster B.
- D. The virtual machine needs to be powered off before moving its virtual disks from Datastore Cluster A to Datastore Cluster B.
- E. Any Inter-VM or Intra-VM Anti-Affinity rules that existed for the virtual disks in Datastore Cluster A will stay with the virtual disks once they have moved to Datastore Cluster B.

**Answer:** AB

**NEW QUESTION 240**

vSphere 6.5 introduced MAC learning capabilities for VMware's virtual switches. What three benefits will it provide? (Choose three.)

- A. Reduced memory consumption
- B. Increased network throughput.
- C. Prevent packet flooding inside the vSwitch
- D. Reduced consumption of extra CPU cycles.

**Answer:** ACD

**NEW QUESTION 242**

What are three parameters for traffic filtering or marking? (Choose three.)

- A. Protocol
- B. DSCP value
- C. Traffic Direction
- D. virtual Port ID

**Answer:** ABC

**NEW QUESTION 245**

A vSphere content library administrator is attempting to unpublish the content library, but the option is grayed out as shown in the Exhibit.



Which statement identifies the reason for not being able to unpublish?

- A. Underlying storage for this content library is not accessible.
- B. A synchronization operation is in progress with this content library.
- C. This content library is optimized for syncing over HTTP.
- D. There are active subscriptions on this content library.

**Answer:** C

**NEW QUESTION 248**

A vSphere administrator upgraded vCenter Server (VC) from version 5.5 to 6.5. Existing VMFS5 datastores consumption is 75% full. All of the ESXi hosts have been upgraded to version 6.5. Existing datastores have not yet been upgraded.

Which is VMware's recommended approach to upgrading each VMFS5 datastore to VMFS6?

- A. The option to upgrade datastores to VMFS6 is only available during the ESXi host upgrade process.
- B. Log on one ESXi host at a time using vSphere 6.5 Windows Client
- C. Navigate to the datastores view. Right-click on the VMFS5 datastore, and then select upgrade to VMFS6.
- D. Log on to VC using vSphere 6.5 Web Client
- E. Navigate to the datastores view
- F. Right-click on the VMFS5 datastore, and then select upgrade to VMFS6.
- G. Log on to VC using vSphere 6.5 Web Client
- H. Create a VMFS6 datastore on a new LU
- I. Use storage vMotion to migrate the data to the new datastore.

**Answer:** D

**Explanation:** Perform version check for the vCenter Server and all ESX hosts.

Note: All ESXi hosts and vCenter Server must be of vSphere 6.5. Do not proceed if any one of ESXi hosts is not vSphere 6.5. Proceeding further means business continuity loss and the new datastore is not visible in old ESX hosts.

Perform all pre checks for free space availability on datastore DS-2. Available space on DS-2 must be equal or more than the datastore DS-1 space.

Ensure that the datastore DS-2 is VMFS 6 type.

Prepare list of all virtual machines in the vCenter Server's inventory that are hosted on datastore DS-1. Evacuate the datastore DS-1. For this, migrate all the virtual machines running from datastore DS-1 to

datastore DS-2. Storage vMotion operations are performed on these virtual machines.

Perform one migration at a time to avoid disrupting the performance of remaining datacenter entities. Keep track of any migration failures, if any, re-trigger the migration for those virtual machines.

Ensure that datastore DS-1 is empty by listing files on this datastore. Note: Proceed further only if datastore DS-1 is empty.

Unmount datastore DS-1 from all ESX hosts. Delete datastore DS-1.

Create a new datastore with the VMFS 6 filesystem using the same lun. For example, DS-1.

Trigger a storage rescan operation on all hosts and wait for few minutes for this operation to complete.

Move all virtual machines back to datastore DS-1 from datastore DS-2 by performing storage vMotion operation. It is suggested to migrate one virtual machine at a time. Keep track of any migration failures, if any, re-trigger migration for those virtual machines.

**NEW QUESTION 249**

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

- A. Storage DRS
- B. KRB5i
- C. IPv6
- D. AUTH\_SYS

**Answer:** C

**NEW QUESTION 254**

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

**Answer:** BC

**NEW QUESTION 255**

What availability mode does vCenter HA provide?

- A. Active-Standby
- B. Load-balanced
- C. Active-Passive
- D. Active-Active

**Answer:** C

**NEW QUESTION 258**

What three processes on the vCenter Server Appliance (VCSA) does “vmware-watchdpg” monitor? (Choose three.)

- A. vpxd
- B. vsan-health
- C. vmware-vpostgres
- D. vmware-eam
- E. vmcad

**Answer:** ABC

**Explanation:**

vmware-vpostgres	VMware Postgres
vmware-vpx-workflow	VMware vCenter Workflow Manager
vmware-vpxd	VMware vCenter Server
vmware-vsm	VMware vService Manager
vsphere-client	vSphere Web Client
vmware-vws	VMware System and Hardware Health Manager
vmware-vsan-health	VMware vSAN Health Service

**NEW QUESTION 262**

Which two clients could an Administrator use to add a new identity source to the vCenter Single Sign-On domain? (Choose two.)

- A. vSphere Client
- B. Platform Services Controller Web Interface
- C. vSphere Appliance Management Interface
- D. vSphere Web Client
- E. VMware Host Client

**Answer:** BC

**NEW QUESTION 265**

"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. OneAppServer was imported from a local file on the system.
- C. LibraryOne is published and optimized for syncing over HTTP.
- D. LibraryOne is a subscribed library and OneAppServer is not downloaded yet.

**Answer:** C

**NEW QUESTION 269**

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

**Answer:** A

**NEW QUESTION 274**

Which feature is available for a virtual machine configured with DirectPath I/O?

- A. DRS
- B. Snapshots
- C. Fault Tolerance
- D. Clone

**Answer:** D

**Explanation:** The following features are unavailable for virtual machines configured with DirectPath:

**NEW QUESTION 279**

On a cluster of ESXi 6.5 hosts, a small number of virtual machines have much larger resource requirements than others. Some hosts have a large number of virtual machines while others have very few.

The administrator enables DRS with DRS VM distribution to evenly balance the number of virtual machines on each host.

Which will be the outcome?

- A. Virtual machines will be moved without regard to resource contention in the cluster, and the virtual machine distribution will become evenly balanced.
- B. Virtual machines will not change hosts unless they are power-cycled or vMotioned manually.
- C. Virtual machines will not be moved if it results in severe resource contention in the cluster, and the virtual machine distribution will remain unbalanced.
- D. DRS VM distribution will not evenly balance the number of virtual machines on each host unless anti-affinity rules are applied.

**Answer:** A

**NEW QUESTION 282**

A vSphere Administrator has received complaints that an MSCS cluster is failing over during vMotion operations.

What action would minimize migrations for only the MSCS VMs?

- A. Configure the VM DRS Automation level to override as Partially Automated.
- B. Configure the migration threshold to Conservative for the vSphere DRS cluster.
- C. Configure the vSphere DRS cluster to be Partially Automated.
- D. Change the pathing policy to Round Robin for MSCS RDMS.

**Answer:** A

**NEW QUESTION 284**

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:** AC

**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 meet the RTO. Do not use Tiny in production environments.</li> <li>vCenter HA is supported and tested with VMFS, NFS, and vSAN datastores.</li> </ul>

#### NEW QUESTION 289

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

**Answer: B**

**Explanation:** Permission inheritance (not in any order):\* Permissions are additive if not in conflict so user gets permissions from both groups.\* Permissions at lower level in hierarchy has precedence.\* Permissions on user has precedence over Group\* Deny permissions has precedence over Allow.

[https://pubs.vmware.com/vsphere-4-esx-vcenter/index.jsp?topic=/com.vmware.vsphere.bsa.doc\\_40/vc\\_admin\\_g](https://pubs.vmware.com/vsphere-4-esx-vcenter/index.jsp?topic=/com.vmware.vsphere.bsa.doc_40/vc_admin_g)

#### NEW QUESTION 290

Virtual machines that are known to run read-intensive applications have begun to underperform. Which action can improve performance?

- A. Enable vFlash Read Cache.
- B. Migrate virtual machines to a VMFS6 datastore.
- C. Ensure that DRS is in manual mode.
- D. Disable virtual machine encryption.

**Answer: A**

#### NEW QUESTION 294

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: BD**

**Explanation:** [http://virtualization24x7.blogspot.com/2018/01/vmfs5-vs-vmfs6.html?utm\\_source=feedburner&utm\\_medium=feed&utm\\_campaign=Feed%3A+Virtualization24x7+%28Virtualization24x7%29](http://virtualization24x7.blogspot.com/2018/01/vmfs5-vs-vmfs6.html?utm_source=feedburner&utm_medium=feed&utm_campaign=Feed%3A+Virtualization24x7+%28Virtualization24x7%29)

#### NEW QUESTION 296

A VM folder contains VM1 and VM2.

- Group A has permission to power on virtual machines, defined on the VM folder and its children.
- Group B has permission to power off virtual machines, defined on the VM folder and its children.

If a user is a member of Groups A and B, what will be the user's effective permission on VM1 and VM2?

- A. Power on.



- B. Power off.
- C. Power on and Power off.
- D. Reset.

**Answer:** C

#### NEW QUESTION 301

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

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

**Answer:** A

**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.

#### NEW QUESTION 306

A vSphere administrator wants to reserve 0.5Gbps for virtual machines on each uplink on a distributed switch that has 10 uplinks. What is the quota that should be reserved for the network resource pool?

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

**Answer:** A

**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.

#### NEW QUESTION 309

An administrator is upgrading their external Platform Services Controllers and vCenter Server Appliance, and also migrating vSphere Update Manager version 6.0 to version 6.5. Which is the correct order to upgrade these components?

- A. - Upgrade the external Platform Services Controller- Run the Migration Assistant on the vSphere Update Manager- Upgrade the vCenter Server Appliance
- B. - Upgrade the external Platform Services Controller- Upgrade the vCenter Server Appliance- Run the Migration Assistant on the vSphere Update Manager
- C. - Upgrade the external Platform Services Controller- Upgrade the vSphere Update Manager- Upgrade the vCenter Server Appliance
- D. - Upgrade the vCenter Server Appliance- Run the Migration Assistant on the vSphere Update Manager- Upgrade the external Platform Services Controller

**Answer:** A

#### NEW QUESTION 313

When attempting to migrate a virtual machine to another host in the same cluster, the error message, "Select a valid compute resource" returns. What could cause this error?

- A. VMware Tools is not installed.
- B. Both hosts are not sharing the same datastore.
- C. Virtual machine has an ISO attached.
- D. Both hosts run different versions of ESXi.

**Answer:** B

#### NEW QUESTION 318

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

- A. VASA
- B. PSP
- C. VAAO
- D. SATP

**Answer:** BD

#### NEW QUESTION 321

What are three benefits of storage hardware acceleration? (Choose three.)

- A. faster VMFS metadata operations
- B. faster Storage vMotion
- C. faster virtual disk provisioning
- D. improved bandwidth

**Answer:** ABC

**NEW QUESTION 323**

Option available to enable Encrypted vMotion. (Choose two.)

- A. Enable
- B. Opportunistic
- C. Required
- D. Default

**Answer:** BC

**NEW QUESTION 326**

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

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

**Answer:** AD

**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.

**NEW QUESTION 327**

The vSphere HA agent has been in the "Agent Unreachable" state on a single slave ESXi host for over a minute. The master and slave ESXi hosts are connected to the vCenter Server Appliance.

Which should be the first step for validation the network configuration?

- A. Log into the affected slave ESXi host via console or SSH and attempt to ping the master ESXi host over the vSphere HA network.
- B. Log into the master ESXi host via console or SSH and attempt to ping the vCenter Server Appliance over the vSphere HA network.
- C. Log into the affected slave ESXi host via console or SSH and attempt to ping the vCenter Server Appliance over the Fault Tolerance network.
- D. Log into the vCenter Server Appliance via console or SSH and attempt to ping the affected slave ESXi host.

**Answer:** D

**NEW QUESTION 331**

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

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

**Answer:** BD

**NEW QUESTION 335**

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

**Answer:** BDE

**NEW QUESTION 340**

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:** A

**Explanation:** Content Libraries in vSphere 6.5, which has additional features including the option to mount an ISO from a Content Library, update existing templates, and apply guest OS Customisation Specifications during VM deployments.

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

**NEW QUESTION 341**

Which three operations can cause VMFS metadata updates? (Choose three.)

- A. Restarting a VM using the guest OS.
- B. Launching a VM console.
- C. Migrating a VM with vMotion.
- D. Powering a VM on or off.
- E. Expanding a VMFS datastore.

**Answer:** CDE

**Explanation:** Metadata is updated each time you perform datastore or virtual machine management operations. Examples of operations requiring metadata updates include the following:

Creating, growing, or locking a virtual machine file Changing a file's attributes

Powering a virtual machine on or off Creating or deleting a VMFS datastore Expanding a VMFS datastore Creating a template

Deploying a virtual machine from a template Migrating a virtual machine with vMotion Reference:

[https://pubs.vmware.com/vsphere-50/index.jsp?topic=%2Fcom.vmware.vsphere.storage.doc\\_50%2FGUID-7A351E26A4761AA.html](https://pubs.vmware.com/vsphere-50/index.jsp?topic=%2Fcom.vmware.vsphere.storage.doc_50%2FGUID-7A351E26A4761AA.html)

**NEW QUESTION 343**

What advanced parameter defines a custom isolation IP address for a vSphere HA cluster?

- A. das.isolationaddress
- B. das.usedefaultisolationaddress
- C. das.isolationshutdowntimeout
- D. fdm.isolationpolicydelaysec

**Answer:** A

**NEW QUESTION 346**

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

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

**Answer:** D

**NEW QUESTION 348**

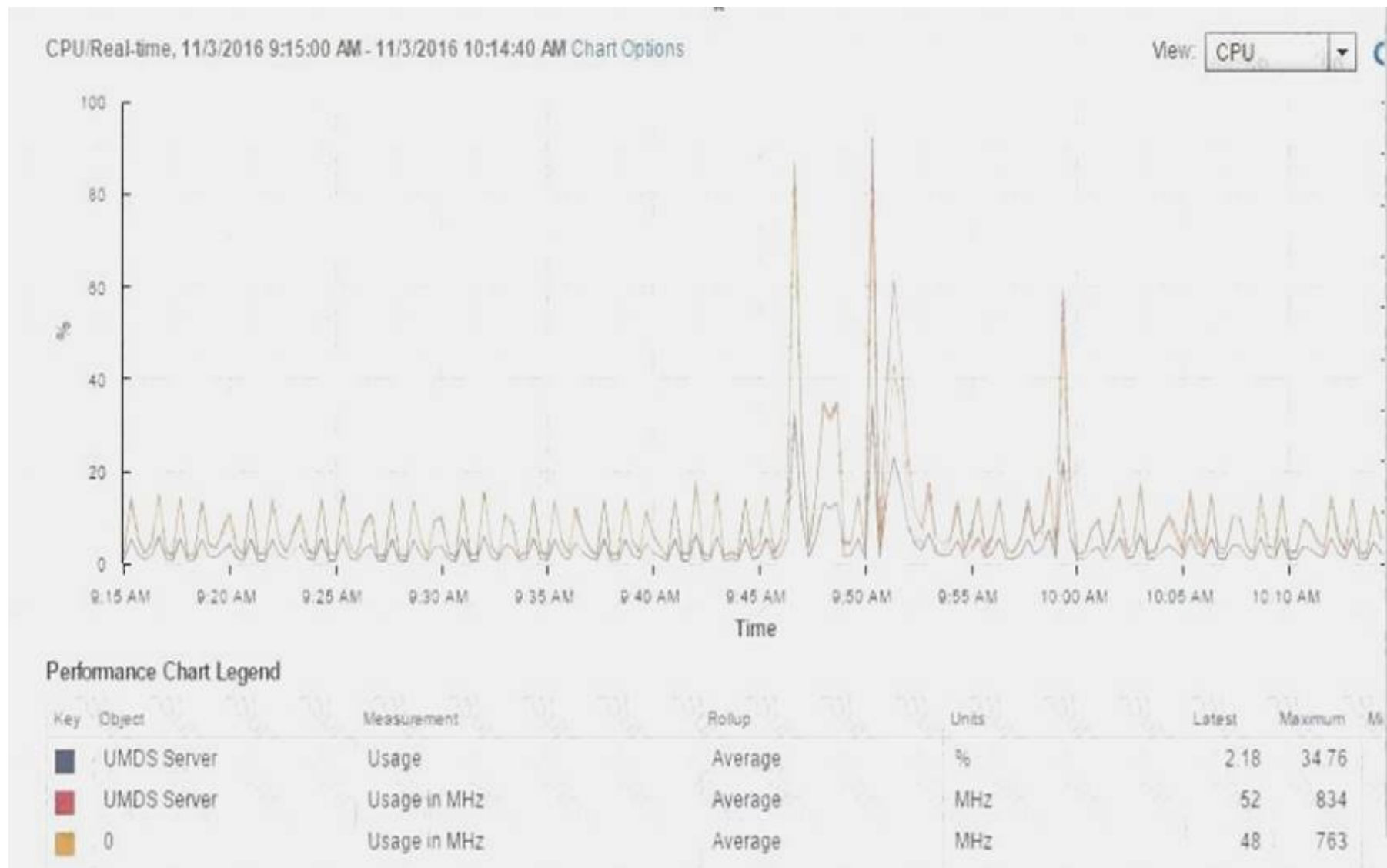
An administrator is creating a hybrid vSAN cluster with six ESXi hosts equally distributed on three server racks. How can this cluster be protected from a single rack failure?

- A. Allocate at least two storage controllers in each host.
- B. Create at list two disk groups in each host.
- C. Allocate at least two flash devices for caching in each disk group.
- D. Create three fault domains in the vSAN cluster.

**Answer:** D

**NEW QUESTION 349**

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

**Answer:** BD

**Explanation:** Network packet size is too small, which increases the demand for the CPU resources needed for processing each packet.  
<https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.vsphere.monitoring.doc/GUID-C4EA86>  
 Found this re disk latency:  
<https://communities.vmware.com/thread/557063>  
 The below also discusses Disk Performance issues and mentioned CPU usage:  
<https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.vsphere.monitoring.doc/GUID-E813116>

### NEW QUESTION 353

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. SystemConfiguratio
- B. Administrators
- C. Administrators
- D. ComponentManage
- E. Administrators
- F. SystemConfiguratio
- G. BashShellAdministrators

**Answer:** A

**Explanation:**

<https://pubs.vmware.com/vsphere-60/index.jsp?topic=%2Fcom.vmware.vsphere.security.doc%2FGUID-87DA2F34-DCC9-4DAB-8900-1BA35837D07E.html>

### NEW QUESTION 357

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

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

**Answer:** D

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



NEW QUESTION 359

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 vCPUs; 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	GAVG/cmd	QAVG/cmd
vmhba0 -	1	0.76	0.19	0.57	0.00	0.00	0.08	0.01	0.09	0.00
vmhba1 -	0	0.00	0.00	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	0.00	0.00
vmhba32 -	0	0.00	0.00	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	0.00	0.00
vmhba34 -	0	0.00	0.00	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	0.00	0.00
vmhba36 -	0	0.00	0.00	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	0.00	0.00
vmhba38 -	0	0.00	0.00	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	0.00	0.00
vmhba40 -	12	52.64	1.34	49.78	0.00	1.72	3.91	0.01	3.92	0.00

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

Answer: B

Explanation:

Column	Description
CMDS/s	This is the total amount of commands per second and includes IOPS (Input/Output Operations Per Second) and other SCSI commands such as SCSI reservations, locks, vendor string requests, unit attention commands etc. being sent to or coming from the device or virtual machine being monitored. In most cases, CMDS/s = IOPS unless there are a lot of metadata operations (such as SCSI 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

NEW QUESTION 361

What are two valid reasons for a DRS recommendation in a vSphere DRS cluster? (Choose two.)

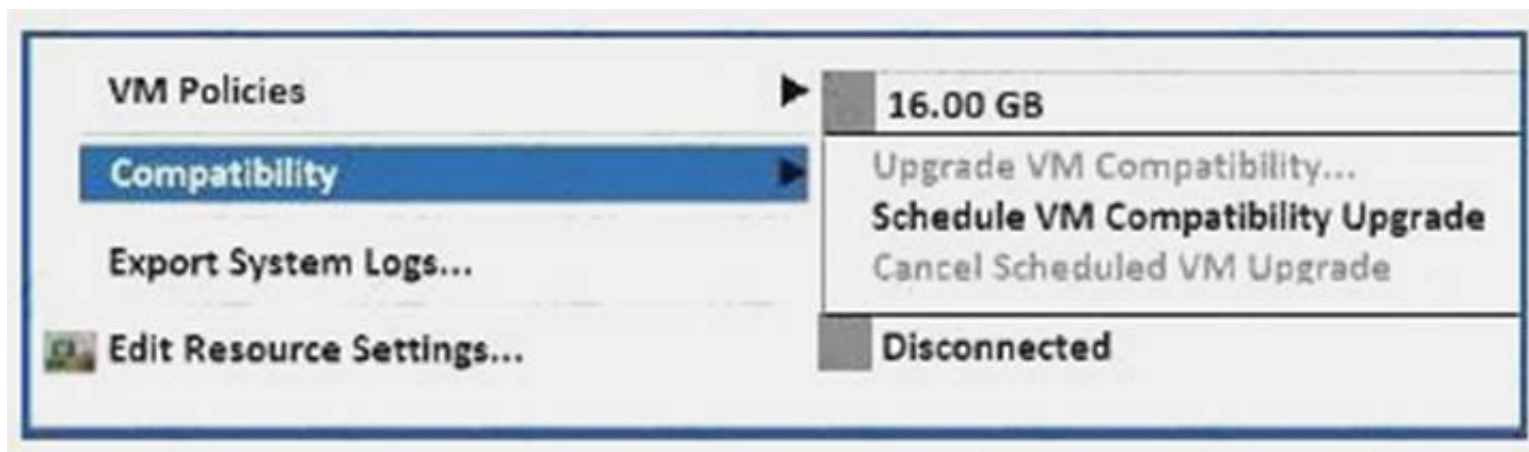
- A. satisfy an affinity rule
- B. satisfy VM startup/shutdown order
- C. satisfy vSphere HA admission control
- D. ESXi host entering maintenance mode

Answer: AD

NEW QUESTION 365

After upgrading the vSphere infrastructure and VMware Tools to version 6.5, the “Upgrade VM Compatibility” option is grayed out in the vSphere Web Client. (See Exhibit.)





What must the administrator do to enable the VM compatibility upgrade?

- A. VMware Tools should be upgraded last.
- B. Restart the ESXi server.
- C. Uninstall VMware Tools.
- D. Power off the virtual machine.

**Answer:** D

#### NEW QUESTION 368

Which two configurable options are available in Boot Options for a virtual machine? (Choose two.)

- A. Force BIOS setup
- B. Tools Upgrades
- C. Firmware
- D. Encryption

**Answer:** AC

#### NEW QUESTION 370

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

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

**Answer:** BCD

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

#### NEW QUESTION 373

vSphere 6.5 DRS is now Network-Aware. Based on network utilization, when will DRS balance VMs?

- A. DRS will balance VMs when a network resource pool is configured for VMs.
- B. DRS will balance VMs when Network I/O Control is enabled.
- C. DRS will place VMs on initial boot for hosts that have network utilization lower than the threshold.
- D. DRS will vMotion VMs when network utilization is higher than the threshold on a particular host.

**Answer:** A

#### NEW QUESTION 374

An administrator has a large boot from SAN cluster and wants to ensure consistent configuration by using host profiles. What special considerations are required for boot from SAN hosts?

- A. Host profiles are incompatible with boot from SAN hosts.
- B. Change the "Device is shared clusterwide" setting to "false" in the host profile.
- C. Verify that the boot LUN is correctly identified as the boot device in the host profile.
- D. The boot from SAN device must report as a local device.

**Answer:** C

#### NEW QUESTION 375

What is the default space threshold for vSphere Storage DRS?

- A. 90%
- B. 70%
- C. 95%
- D. 80%

**Answer:** D

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

Load balancing based on Space and IO: Storage DRS dynamically balance the Storage DRS cluster imbalance based on Space and IO threshold set. Default space threshold per datastore is 80% and default IO latency threshold is 15ms.

#### NEW QUESTION 378

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:** B

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

#### NEW QUESTION 382

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 using the same connection method (iSCSI, FC, etc.).
- D. Clusters should contain only datastores with the same capacity.

**Answer:** B

#### NEW QUESTION 384

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:** A

**Explanation:** With NAS storage devices, the hardware acceleration integration is implemented through vendor-specific NAS plug-ins. These plug-ins are typically created by vendors and are distributed as VIB packages through a website. No claim rules are required for the NAS plug-ins to function. Several tools for installing and upgrading VIB packages are available. They include the esxcli commands and vSphere Update Manager.

#### NEW QUESTION 389

A vSphere Administrator must ensure that when vSphere HA is triggered, the virtual machines are restarted by priority. What four VMrestart priorities are available? (Choose four.)

- A. Medium
- B. Low
- C. Conservative
- D. High
- E. Disabled
- F. Aggressive

**Answer:** ABDE

**Explanation:** The values for this setting are Disabled, Low, Medium (the default), and High. The Disabled setting is ignored by the vSphere HA VM/Application monitoring feature because this feature protects virtual machines against operating system-level failures and not virtual machine failures. When an operating system-level failure occurs, the operating system is rebooted by vSphere HA, and the virtual machine is left running on the same host. You can change this setting for individual virtual machines.

<https://docs.vmware.com/en/VMware-vSphere/6.0/vsphere-esxi-vcenter-server-601-availability-guide.pdf>

#### NEW QUESTION 393

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

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

**Answer:** AD

**NEW QUESTION 394**

An administrator has an application that requires high CPU throughput. Which action would ensure that the application gets the required throughput?

- A. Enable Fault Tolerance on the virtual machine.
- B. Disable Fully Automated DRS.
- C. Set a CPU limit on the virtual machine.
- D. Adjust the virtual machine latency sensitivity.

**Answer:** D

**Explanation:** You can adjust the latency sensitivity of a virtual machine to optimize the scheduling delay for latency sensitive applications. ESXi is optimized to deliver high throughput. You can optimize your virtual machine to meet the low latency requirement of latency sensitive applications. Examples of latency sensitive applications are VOIP or media player applications, or applications that require frequent access to the mouse or keyboard devices.

**NEW QUESTION 396**

An administrator is configuring vCenter HA and considering placing the Passive and Witness nodes in another datacenter from the Active Node. Which is the maximum supported latency between the vCenter HA nodes?

- A. 5ms
- B. 10ms
- C. 100ms
- D. 30ms
- E. 50ms

**Answer:** B

**Explanation:** vCenter HA network latency between Active, Passive, and Witness nodes must be less than 10 ms. References:

**NEW QUESTION 400**

Which 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 local.
- C. The disk is not detected as an SSD.
- D. The disk is in use by VMFS.

**Answer:** BCD

**NEW QUESTION 401**

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

**Answer:** AD

**NEW QUESTION 403**

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

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

**Answer:** B

**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.

**NEW QUESTION 404**

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

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

**Answer:** BCE

**Explanation:** <https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.vsphere.virtualsan.doc/GUID-AD408FA8-5898> <https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.vsphere.virtualsan.doc/GUID-ED76D553-0AB> <https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.vsphere.virtualsan.doc/GUID-6D818555-8DE8>

**NEW QUESTION 409**

A vSphere Administrator observes that the Primary VM configured with Fault Tolerance is executing slowly. After further investigation, it is determined that the Secondary VM is on an overcommitted ESXi host.  
What two methods will correct the problem? (Choose two.)

- A. Configure a CPU limit on the Primary VM which will also apply to the Secondary VM.
- B. Turn off and turn on FT in order to recreate the Secondary VM on a different datastore.
- C. Use Storage vMotion to migrate the Secondary VM to another datastore.
- D. Use vMotion to migrate the Secondary VM to a different ESXi host.

**Answer:** BD

**NEW QUESTION 410**

How can failback of a recovered virtual machine in vSphere Replication be performed?

- A. No action required, because failback is automatically performed to the source site.
- B. Configure a new replication in the reverse machine at the target site.
- C. Power off and unregister the virtual machine on the target site.
- D. Disable or Stop the virtual machine replication on the source site.

**Answer:** B

**Explanation:** Failback of Virtual Machines in vSphere Replication

Failback of virtual machines is a manual task in a vSphere Replication.

After performing a successful recovery from the primary site to the secondary site, you can perform failback. You manually configure a new replication in the reverse direction, that is, from the secondary site to the primary site. The disks of the primary site are used as replication seeds, so that vSphere Replication only synchronizes the changes made to the .vmdk files. Before you configure the reverse replication, you must manually unregister the virtual machine from the inventory on the primary site.

**NEW QUESTION 414**

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

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

**Answer:** CD

**Explanation:** [https://kb.vmware.com/s/article/2147661?other.KM\\_Utility.getArticleLanguage=1&r=1&other.KM\\_Utility.getA](https://kb.vmware.com/s/article/2147661?other.KM_Utility.getArticleLanguage=1&r=1&other.KM_Utility.getA)

**NEW QUESTION 418**

Which vCenter Single Sign-On policy would force an SSO user's password to change every 90 days?

- A. Maximum Length
- B. Maximum token renewal count
- C. Maximum Lifetime
- D. Unlock time

**Answer:** C

**NEW QUESTION 423**

An administrator has a three-host cluster with vSphere HA enabled.

The master host is unable to ping one of the slave hosts over the management network.

The slave host in question is showing as not responding in vCenter server.

Despite these conditions, none of the virtual machines located on the problematic host has been restarted.

Which could be the reason?

- A. vMotion has not been configured properly on the hosts.
- B. Datastore heartbeating is enabled on the cluster.
- C. VMware Tools are not installed on any of the virtual machines.
- D. The virtual machines have VM Monitoring set to disabled.

**Answer:** C

**NEW QUESTION 428**

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

- A. reformat the datastore

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

**Answer:** CD

**Explanation:** <https://docs.vmware.com/en/VMware-vSphere/6.0/com.vmware.vsphere.troubleshooting.doc/GUID-6F991DB5> VOMA = vSphere On-disk Metadata Analyser (identify and fix incidents of metadata corruption that affect file systems or underlying logical volumes)

**Problem**You might need to check metadata consistency of a file system or a logical volume backing the file system when you experience problems with various functionalities on a VMFS datastore or a virtual flash resource. For example you might want to perform a metadata check if one of the following occurs:

You experience storage outages.

After you rebuild RAID or perform a disk replacement. You see metadata errors in the vmkernel.log file.

You are unable to access files on a VMFS.

You see corruption being reported for a datastore in events tabs of vCenter Server.

**Results**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.

#### NEW QUESTION 431

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