

## Exam Questions 2V0-622

VMware Certified Professional 6.5 - Data Center Virtualization

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



#### 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

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:** ACE

#### NEW QUESTION 3

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 4

The administrator set Local OS as the default identity source of vCenter Single Sign-On. A user named “user1” belongs to domain “mydomain” and tries to log in to vCenter Single Sign-On.

Which two user names are appropriate to use for login? (Choose two.)

- A. user1\mydomain
- B. mydomain@user1
- C. mydomain\user1
- D. user1@vsphere.local
- E. user1@mydomain

**Answer:** CE

#### NEW QUESTION 5

When upgrading a standalone vCenter Single Sign-On Server version 5.5 to version 6.5, which will be the final deployment type?

- A. There is no option to do this type of upgrade.
- B. It will be an external Platform Services Controller.
- C. It will be an embedded Platform Services Controller with vCenter Server
- D. It will be a Standalone vCenter Server.

**Answer:** B

#### Explanation:

You can upgrade an externally deployed vCenter Single Sign-On 5.5 to an externally deployed Platform Services Controller 6.5 instance by using the vCenter Server for Windows installer.

#### NEW QUESTION 6

Using the vCenter Server Appliance 6.5, which two tools can be used to manage Auto Deploy deploy rules? (Choose two.)

- A. PowerCLI
- B. Plug-Ins available in the vCenter Server Appliance Shell
- C. vSphere Appliance Management UI
- D. vCenter Server Appliance BASH Shell
- E. Auto Deploy GUI in the vSphere Web Client

**Answer:** AE

**Explanation:** <https://blogs.vmware.com/vsphere/2015/05/configure-auto-deploy-rules-powercli.html>  
<http://www.enterprisedaddy.com/2016/12/vsphere-6-5-auto-deploy-on-vcenter-server-6-5/>

#### NEW QUESTION 7

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

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

**Answer:** AB

#### NEW QUESTION 8

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:** A

**Explanation:** The VMware vCenter Server Appliance 6.0 logs are located in the /var/log/vmware/ folder. vpxd/vpxd.log → The main vCenter Serverlog

#### NEW QUESTION 9

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:** C

#### NEW QUESTION 10

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

- A. block zeroing
- B. Reserve Space
- C. hardware assisted locking
- D. Full File Clone

**Answer:** AC

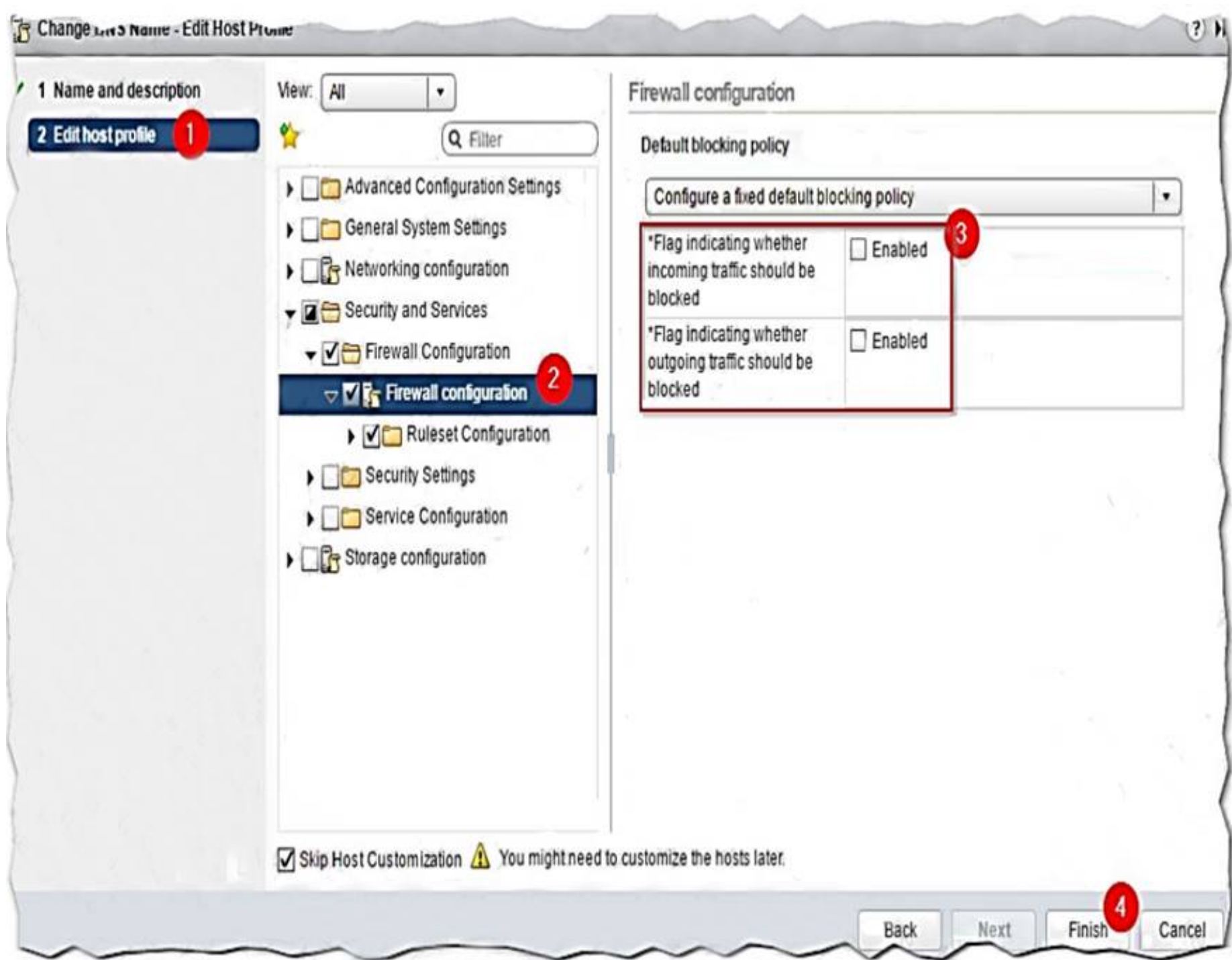
#### NEW QUESTION 10

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 11

ds-lab-vsan14.dsl.vmware.com - Edit Multipathing Policies for naa.600000e00d11000000111cd200110000

Path selection policy

Most Recently Used (VMware)  
**Most Recently used (VMWARE)**  
 Round Robun (VMware)  
 Fixed (VMware)

vmhba39:C3: TO:LO	◆ Active	ign.2000-09.com.tnjitsy.storage-sysl	0
vmhba39:C2: TO:LO	◆ Active (I/O)	ign.2000-09.com.tnjitsy.storage-sysl	0

OK Cancel

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 12

Which two statements are true about Permanent Device Loss (PDL)? (Choose two.)

- A. All paths are shown as Dead for the affected device.
- B. The datastore cluster is incorrectly configured.
- C. The datastore on the affected device shown a yellow warning sign.
- D. The datastore on the affected device shows a red error sign.
- E. The operational state of the affected device changes to Lost Communication.

**Answer:** AE

#### NEW QUESTION 16

An administrator wants to ensure that any virtual machine added to a certain port group always has sufficient network resources. Network I/O Control version 3 has been enabled on the Distributed Switch.

Which three steps will achieve this objective? (Choose three.)

- A. Reserve bandwidth for virtual machine system traffic on the Distributed Switch Port Group.
- B. Edit the virtual machine's Resource settings and set a reservation for virtual machine system traffic.
- C. Create a Network Resource Pool on the Distributed Switch and set a reservation quota.
- D. Reserve bandwidth for virtual machine system traffic on the Distributed Switch.
- E. Add the Network Resource Pool on the Distributed Switch Port Group.

**Answer:** CDE

#### NEW QUESTION 20

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 22

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 27

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 30

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:** C

**Explanation:** To perform vcenter server 5.5 for Windows with Microsoft SQL server express database migration to vcenter server appliance 6.5, you need PostgreSQL database installation on Windows.

#### NEW QUESTION 31

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 36

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 37

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-F4Bhttp://cormachogan.com/2014/01/21/vsan-part-15-multicast-requirement-for-networking-misconfiguration-detec>

#### NEW QUESTION 42

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 45

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 46

An administrator is attempting to enable Fault Tolerance on a virtual machine but the operation does not complete successfully. Which could be two reasons for this? (Choose two.)

- A. The virtual machine has more than 1 vCPU.
- B. The virtual machine has uncommitted snapshots.
- C. vSphere HA is disabled for this virtual machine.
- D. The virtual machine is located on vSAN storage.
- E. The virtual machine has over 32GB of memory assigned.

**Answer:** BC

**Explanation:** A number of validation checks are performed on a virtual machine before Fault Tolerance can be turned on.

#### NEW QUESTION 50

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 53

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 56

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 61

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:** AD

#### NEW QUESTION 64

A company has requested that a plan for Auto Deploy be built using VMware-recommended best practices for networking. Which two considerations adhere to VMware-recommended networking best practices for Auto Deploy? (Choose two.)

- A. Using IPv4 as Auto Deploy will be able to boot hosts with a legacy BIOS.
- B. Using DHCP reservations for address allocations because providing fixed IP addresses through host customization is not supported.
- C. Using VLANs on the management network as it offers increased performance while hosts are booting.
- D. Using IPv6 as Auto Deploy will be able to boot hosts with a legacy BIOS and UEFI.
- E. Using DHCP reservations for address allocations because providing fixed IP addresses through host customization is not recommended.

**Answer:** AE

**Explanation:** PXE booting with legacy BIOS firmware is possible only over IPv4. PXE booting with UEFI firmware is possible with either IPv4 or IPv6. Use DHCP reservations for address allocation. Fixed IP addresses are supported by the host customization mechanism, but providing input for each host is not recommended

#### NEW QUESTION 66

Which feature of vSphere networking protects hosts from losing connection to vCenter Server as a result of misconfiguration of the management network?

- A. NIC Teaming
- B. Private VLAN
- C. Rollback
- D. Health Check

**Answer:** C

**Explanation:** By rolling configuration changes back, vSphere protects hosts from losing connection to vCenter Server as a result from misconfiguration of the management network.

#### NEW QUESTION 68

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 70

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

<b>Explanation:</b>	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 74

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 77

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 82

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:** B



**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 (RTT) lets you migrate virtual machines to another geographical location at a longer distance.

**NEW QUESTION 83**

Which three TCP/IP stacks are built in at the VMkernel level in vSphere 6 x? (Choose three.)

- A. Fault Tolerance
- B. vMotion
- C. Provisioning
- D. Management
- E. Default

**Answer:** BCE

**NEW QUESTION 87**

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 88**

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 92**

Which are two Storage DRS requirements? (Choose two.)

- A. Datastore clusters must have datastores of the same size and I/O capacities.
- B. NFS and VMFS datastores cannot be combined in the same datastore cluster.
- C. Datastores shared across multiple datacenters cannot be included in a datastore cluster.
- D. NFS and vSAN datastores can be combined in the same datastore clusters.
- E. A dedicated TCP/IP stack is required for datastore clusters.

**Answer:** BC

**NEW QUESTION 93**

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 94**

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:** A

**NEW QUESTION 96**

Which two encryption keys does the host use when encrypting virtual machine files? (Choose two.)

- A. Public Key Infrastructure Encryption Key (PKI)
- B. Master Encryption Key (MEK)
- C. Data Encryption Key (DEK)
- D. Key Encryption Key (KEK)

**Answer:** CD

#### NEW QUESTION 101

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 105

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 106

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:** BC

**Explanation:** Predictive DRS

Predictive DRS is a new feature that leverages the predictive analytics of vRealize Operations Manager with the powerful resource scheduler algorithm of vSphere DRS. Together, these two products enable workload balancing for certain VMs before resource utilization spikes occur, potentially eliminating a great amount of resource contention that might have occurred in the past. vRealize Operations Manager runs its dynamic thresholds algorithm nightly against the VMs on which it collects data. These dynamic thresholds create forecasted metrics for the future utilization of the VMs. The metrics are then passed to vSphere DRS to determine the best placement and balance of VMs before resource utilization spikes occur. Predictive DRS helps prevent resource contention on hosts that run VMs with predictable utilization patterns.

#### NEW QUESTION 107

During Fibre Channel adapter setup of a ESXi host, which configuration guideline should be considered?

- A. Do not mix Fibre Channel adapter models to access the same LUN from a single host unless the default queue depth has been changed.
- B. Do not mix Fibre Channel adapters from different vendors in a single host.
- C. Use Fibre Channel adapters from different vendors in a single host.
- D. Set the queue depth to 16 if using a mix of different vendors' Fibre Channel adapters in all hosts in the cluster.

**Answer:** B

**Explanation:** Do not mix FC HBAs from different vendors in a single host. Having different models of the same HBA is supported, but a single LUN cannot be accessed through two different HBA types, only through the same type.

#### NEW QUESTION 112

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 115

A cluster with two resource pools named RP-PROD and RP-DEV is configured based on custom requirements. A vSphere administrator temporarily disables DRS for this cluster.

Upon re-enabling DRS, how would the resource pool configuration have changed?

- A. Both resource pools still exist, but their shares have been reverted to the default share values.
- B. Nothin
- C. Everything has stayed the same.
- D. Both resource pools no longer exist and all virtual machines that resided in the resource pools now reside under the hosts in the cluster.
- E. Both resource pools exist, but all virtual machines that resided in the resource pools now reside under the hosts in the cluster.

**Answer:** C

**Explanation:** <https://docs.vmware.com/en/VMware-vSphere/6.0/com.vmware.vsphere.resmgmt.doc/GUID-2117087C-7418-4>

#### NEW QUESTION 116

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 120

An administrator is in the process of deploying a new ESXi host.

-The host is able to be added to the vCenter Server's inventory, but after a short period of time it shows as disconnected.

-The administrator is able to reconnect the host but it then disconnects again after a short period of time. Which is the problem?

- A. Port 902 UDP from the host to the vCenter Server is blocked
- B. Port 443 TCP from the host to the vCenter Server is blocked
- C. Port 902 TCP from the host to the vCenter Server is blocked
- D. Port 443 TCP from the vCenter Server to the host is blocked

**Answer:** A

**Explanation:** On 902 port managed hosts send a regular heartbeat to the vCenter Server system. This port must not be blocked by firewalls between the server and the hosts or between hosts.

#### NEW QUESTION 123

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

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

**Answer:** D

#### NEW QUESTION 126

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 129

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 134

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

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

**Answer:** ACD

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

#### NEW QUESTION 137

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 142

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. Nothin
- D. All NFSv3 mounted datastores are upgraded automatically during vSphere upgrades.
- E. Perform a scan of new storage devices.

**Answer:** B

**Explanation:** vSphere does not support automatic datastore conversions from NFS version 3 to NFS 4.1. If you want to upgrade your NFS 3 datastore, the following options are available:

#### NEW QUESTION 143

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

**Answer:** D

**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.

#### NEW QUESTION 144

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:** BD

**Explanation:** Not correct:

- A) Local Windows OS users and groups are not migrated to the Photon OS of the vCenter Server Appliance 6.5.
- C) Migration of deployments that use custom ports for services other than Auto Deploy, Update Manager, and vSphere ESXi Dump Collector are not supported.
- E) By default, the configuration and inventory data of the Windows vCenter Server is migrated. The option to copy historical and performance data is also available.

#### NEW QUESTION 145

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 512K
- D. large file blocks are 64MB.
- E. Small file blocks are 1MB, large file blocks are 512MB.

**Answer:** D

#### NEW QUESTION 147

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 148

Which two datastore types are supported by Storage I/O Control v2? (Choose two.)

- A. vSAN
- B. RDM
- C. NFS
- D. Virtual Volumes
- E. VMFS

**Answer:** CE

#### NEW QUESTION 150

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 154

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 155

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 156

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.

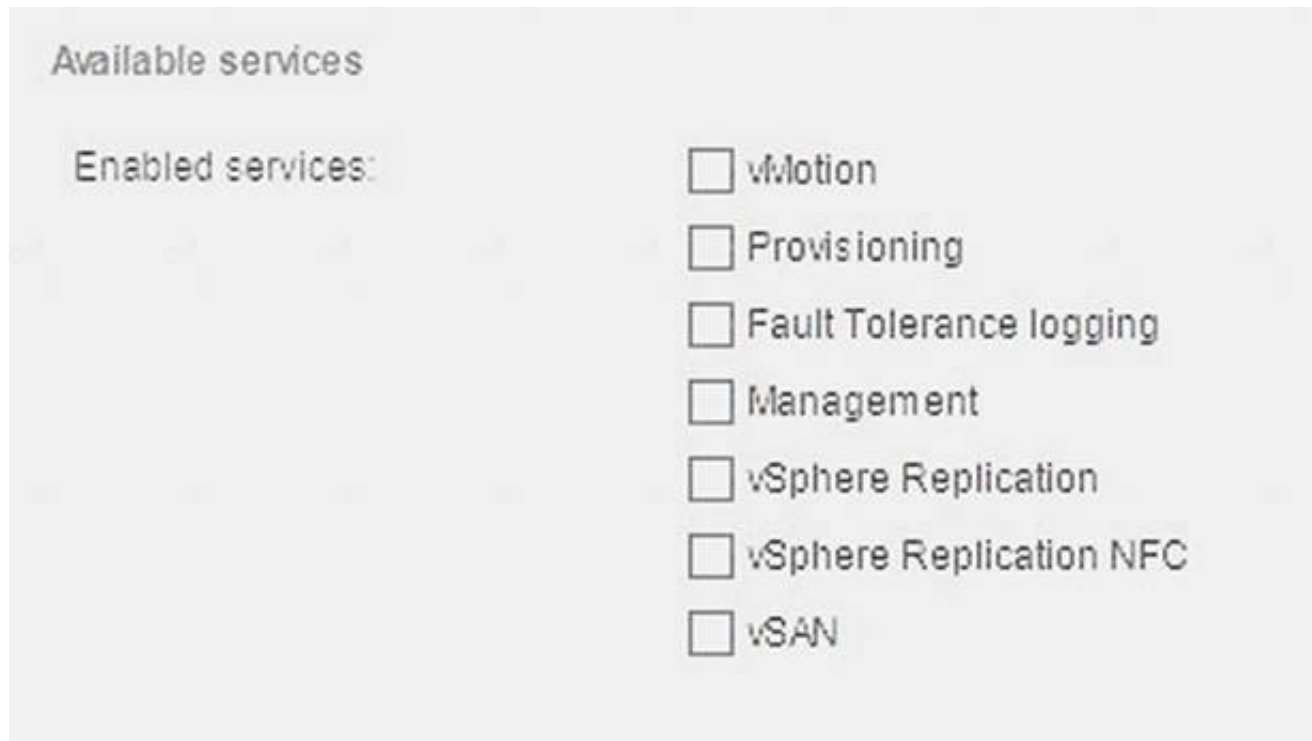
Which three types of traffic can be explicitly enabled on a separate VMkernel adapter? (Choose three.)



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

**Answer:** ACE

**Explanation:**



#### NEW QUESTION 160

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 161

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 162

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 164

Restoration of the vCenter Server Appliance is accomplished using which interface?

- A. vSphere Client
- B. vCenter Server ApplianceGUI Installer
- C. vSphere Web Client
- D. vCenter Server ApplianceManagement Interface

**Answer:** D

#### NEW QUESTION 166

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 user has only the “Administrator” role.
- C. Host Profiles apply only to storage settings.
- D. The Infrastructure has servers with various CPU families.

**Answer:** A

#### NEW QUESTION 168

An administrator must change the statistics level for short-term performance monitoring and wants to collect metrics for all counters, excluding minimum and maximum rolup values.

What would be the statistics level?

- A. Level 1
- B. Level 4
- C. Level 2
- D. Level 3

**Answer:** D

#### NEW QUESTION 173

Which feature facilitates the sharing of templates via vCenter Server?

- A. OVF
- B. vApp
- C. Content Library
- D. folders

**Answer:** C

**Explanation:** Content libraries are container objects for VM templates, vApp templates, and other types of files. vSphere administrators can use the templates in the library to deploy virtual machines and vApps in the sphere inventory. Sharing templates and files across multiple vCenter Server instances in same or different locations brings out consistency, compliance, efficiency, and automation in deploying workloads at scale.

#### NEW QUESTION 175

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

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

**Answer:** BC

**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	Daemon	
<input checked="" type="checkbox"/>	SynologyNasPlugin	2049	2049,111	TCP,UDP	N/A	

#### NEW QUESTION 177

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 180

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	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.  A higher n value indicates that more replicas of virtual machines are made, which can consume more disk space than expected.

#### NEW QUESTION 185

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 186

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 191

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.maxPerVirtualNode
- C. numa.vcpu.min
- D. numa.vcpu.followcoresocket

**Answer: B**

#### NEW QUESTION 196

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 200

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

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

**Answer:** CD

#### NEW QUESTION 203

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 205

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 206

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 211

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

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

**Answer:** B

#### NEW QUESTION 213

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

#### NEW QUESTION 215

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 219

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:** C

#### NEW QUESTION 220

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 222

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 224

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 228

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

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

**Answer:** C

**Explanation:**



#### VM Monitoring Settings

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

#### NEW QUESTION 232

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 235

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

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

**Answer:** AC

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

#### NEW QUESTION 240

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 245

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:** BD

#### NEW QUESTION 248

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 253

When working with VM-VM DRS rules (affinity/anti-affinity), which statement is correct?

- A. DRS gives higher priority to preventing violations of affinity rules than violations of anti-affinity rules.
- B. DRS gives the same priority to preventing violations of anti-affinity rules as affinity rules.
- C. DRS does not allow both affinity and anti-affinity rules to be enabled at the same time within a cluster.
- D. DRS gives higher priority to preventing violations of anti-affinity rules than violations of affinity rules.

**Answer:** A

**Explanation:** When two VM-VM affinity rules conflict, the older one takes precedence and the newer rule is disabled. DRS only tries to satisfy enabled rules and disabled rules are ignored. DRS gives higher precedence to preventing violations of anti-affinity rules than violations of affinity rules.  
References:

#### NEW QUESTION 254

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:- ABC  
Direct connect topology is supported. Each host must have its own boot LUN.  
ESXi hosts do not require local storage.

#### NEW QUESTION 259

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 261

Which two statements are true when vSAN & vSphere HA are enabled in the same cluster? (Choose two.)

- A. Any vSAN datastore mounted on more than one host can be used as a Heartbeat datastore.
- B. The vSAN storage network is used for vSphere HA traffic.
- C. The Management network is used for vSphere HA traffic.
- D. Any datastore mounted on more than one host can be used as a Heartbeat datastore, except vSAN datastores.
- E. Any datastore mounted on more than one host can be used as a Heartbeat datastore.

**Answer:** BD

#### NEW QUESTION 264

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 269

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 273

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 LUN
- 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 275

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 276

What availability mode does vCenter HA provide?

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

**Answer:** C

#### NEW QUESTION 280

What three processes on the vCenter Server Appliance (VCSA) does "vmware-watchdog" 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 283

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 288

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

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

**Answer:** AD

#### NEW QUESTION 290

"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 291

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 293

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 294

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 299

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

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

**Answer:** AB

#### NEW QUESTION 301

Which three options are available for remediation with Proactive HA? (Choose three.)

- A. Quarantine mode for moderate and Power off for severe failure.  
B. Quarantine mode for all failures.  
C. Power off for all failures.  
D. Quarantine mode for moderate and Maintenance mode for severe failure.  
E. Maintenance mode for all failures.

**Answer:** BDE

#### NEW QUESTION 305

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 307

Which statement is true regarding Network-Aware DRS?

- A. Network-Aware DRS will perform load-balancing based on the communication of virtual machines with one another.  
B. Network-Aware DRS is enabled through DRS advanced options.  
C. Network-Aware DRS only generated suggested moves; administrators must go in and accept each Network-Aware DRS suggestion manually.  
D. Network-Aware DRS will perform a final check during regular DRS load-balancing to ensure that the destination host is not network saturated.

**Answer:** D



#### NEW QUESTION 308

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 309

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 310

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 314

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 315

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 320

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

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

**Answer:** BC

#### NEW QUESTION 325

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 328

To prevent possible failures or issues during a vSphere upgrade, which component should be upgraded first?

- A. virtual machines
- B. datastores
- C. ESXi Hosts
- D. vCenter Server

**Answer:** A

#### NEW QUESTION 330

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#.terminateVMOOnPDL = "TRUE"
- D. scsi#.returnBusyOnNoConnectStatus = "FALSE"

**Answer:** BD

#### NEW QUESTION 333

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 335

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

**Answer:** A

**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.

#### NEW QUESTION 336

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

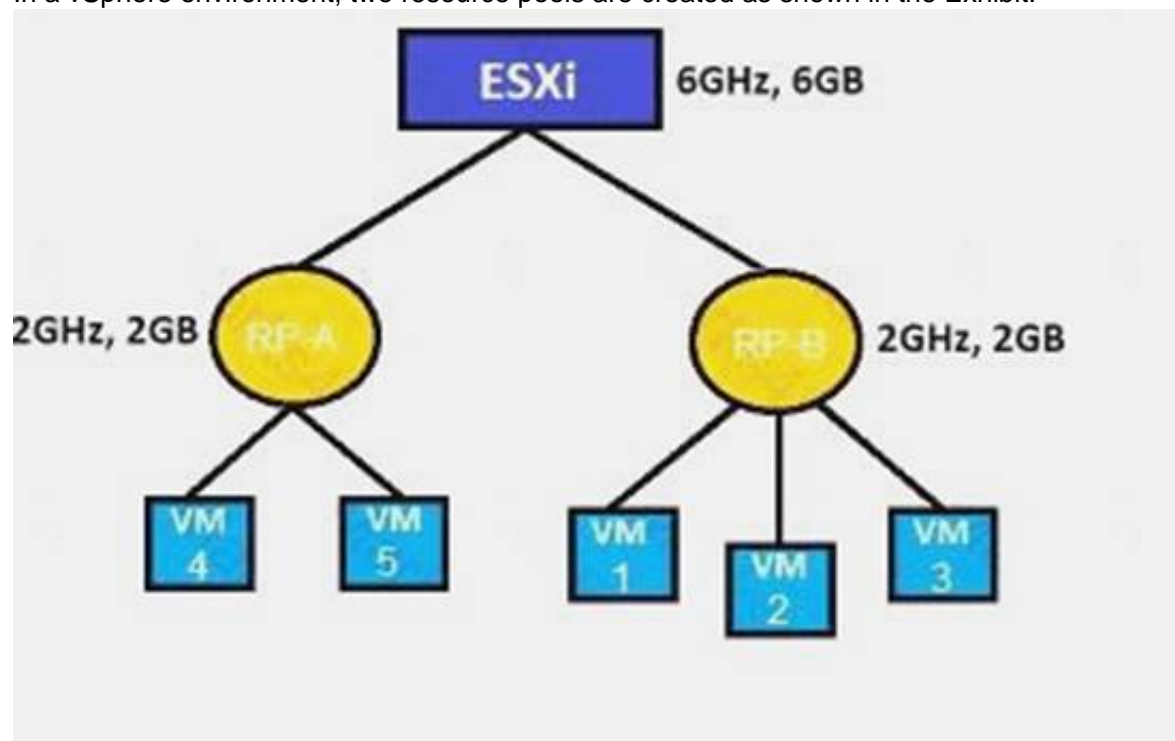
Powering a virtual machine on or off Creating or deleting a VMFS datastore Expanding a VMFS datastore Creating a template

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 340

In a vSphere environment, two resource pools are created as shown in the Exhibit.



Each VM is configured with 1 GB of memory. When the administrator tried to power on VM3, the operation failed. What action in the resource pool settings will allow VM3 to power on successfully?

- A. Increase Memory Reservation.
- B. Deselect Expandable Memory Reservation
- C. Increase the CPU Reservation
- D. Deselect Expandable CPU Reservation.

**Answer:** A

#### NEW QUESTION 343

A vSphere administrator is unable to power on a VM in a vSphere HA-enabled cluster. Which vSphere HA feature could cause this?

- A. Datastore Heartbeats are not received.
- B. Admission Control is enabled.
- C. VM Restart Priority is disabled.
- D. VM Monitoring is disabled.

**Answer:** C

#### NEW QUESTION 347

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 349

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

- A. After creating a VM-Host affinity rule, its ability to function in relation to other rules is not checked.
- B. After creating a VM-Host affinity rule, its ability to function in relation to other rules is predetermined.
- C. When there is more than one VM-Host affinity rule in a vSphere DRS cluster, the rules are applied equally.

D. When there is more than one VM-Host affinity rule in a vSphere DRS cluster, the rules will be ranked.

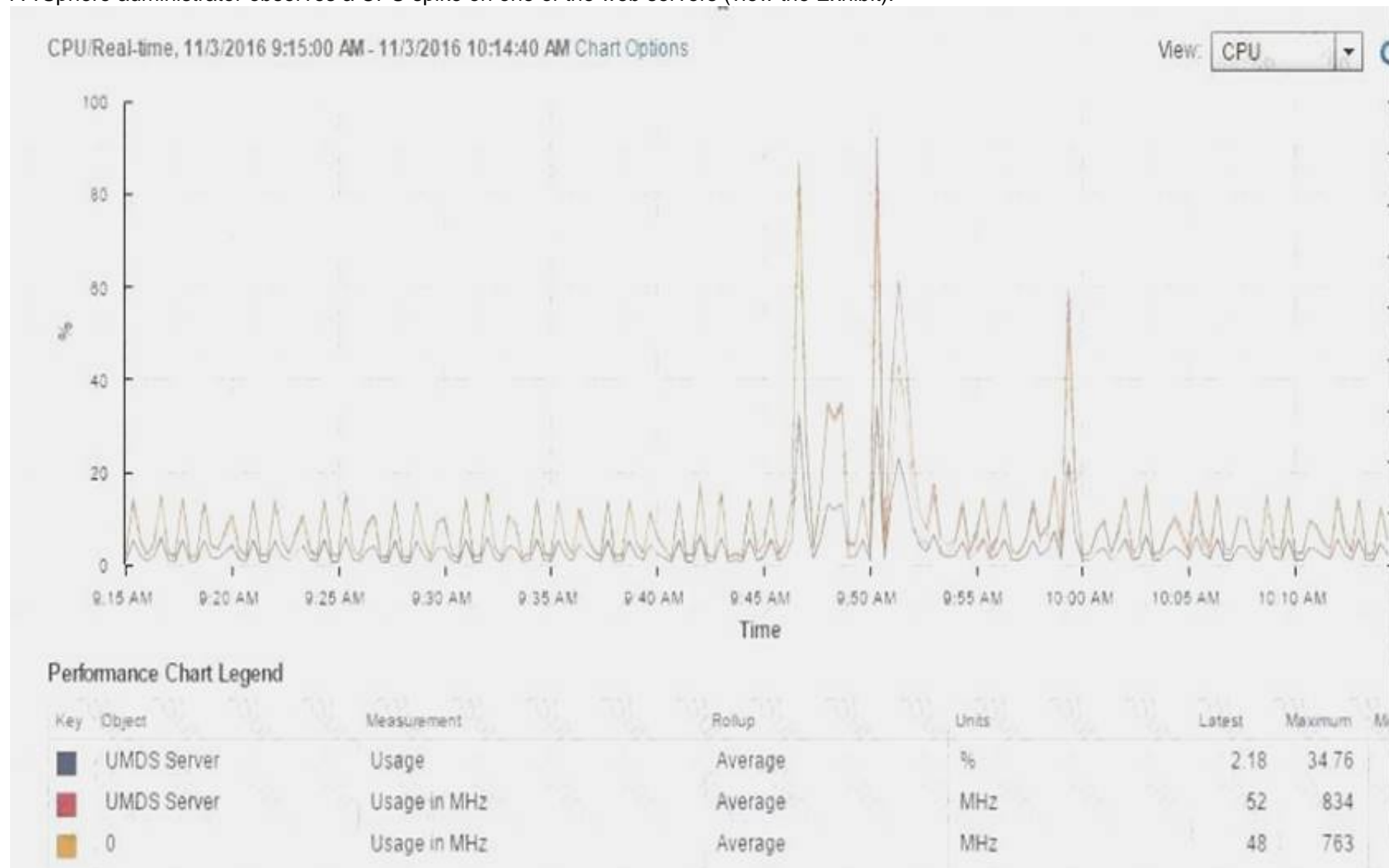
**Answer:** AC

**Explanation:** If you create more than one VM-Host affinity rule, the rules are not ranked, but are applied equally. Be aware that this has implications for how the rules interact. For example, a virtual machine that belongs to two DRS groups, each of which belongs to a different required rule, can run only on hosts that belong to both of the host DRS groups represented in the rules.

When you create a VM-Host affinity rule, its ability to function in relation to other rules is not checked. So it is possible for you to create a rule that conflicts with the other rules you are using. When two VM-Host affinity rules conflict, the older one takes precedence and the newer rule is disabled. DRS only tries to satisfy enabled rules and disabled rules are ignored.

#### NEW QUESTION 351

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 355

DRS is set to Fully-Automated mode and seems to be migrating virtual machines too frequently. Which action can potentially decrease the amount of automated migrations performed by DRS?

- A. Increase the Migration Threshold by moving the slider to the right.
- B. Decrease the Migration Threshold by moving the slider to the left.
- C. Set DRS to Partially-Automated mode.
- D. Enable EVC for the cluster.

**Answer:** B

#### NEW QUESTION 359

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

- A. After the expired backup image is restored.
- B. During the next backup window following expiry.
- C. During the next maintenance window following expiry.

D. Immediately after the retention period has expired.

**Answer:** D

**Explanation:** <https://docs.vmware.com/en/VMware-vSphere/6.0/vmware-data-protection-administration-guide-60.pdf> 'During maintenance periods, VDP examines the backups in the appliance and evaluates whether the backup retention period has expired. If it has expired, VDP removes the expired backup from the appliance.'

#### NEW QUESTION 362

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

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

**Answer:** AC

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

#### NEW QUESTION 364

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
- B. Administrators
- C. Administrators
- D. ComponentManager
- E. Administrators
- F. SystemConfiguration
- 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 366

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
- C. Administrators
- D. Administrators
- E. SystemConfiguration.Administrators

**Answer:** D

**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.

#### NEW QUESTION 369

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 371

Which two statements are true regarding Auto Deploy in version 6.5? (Choose two.)

- A. Auto Deploy can be configured and managed via PowerCLI.
- B. Auto Deploy can be configured and managed via the vSphere Client.
- C. Auto Deploy can be configured and managed via the vSphere Web Client.
- D. Auto Deploy can be configured and managed via vCLI commands.

Answer: AC

#### NEW QUESTION 376

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 379

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 380

An ESXi host has been placed into Quarantine Mode by Proactive HA. What will happen?

- A. Virtual machines will be migrated off the quarantines host if doing so will not violate any DRS affinity and anti-affinity rules or cause increased resource contention.
- B. Newly powered-on virtual machines may be placed on the quarantined host to balance cluster resources. Already powered-on virtual machines will be migrated off of the quarantined host if doing so will not violate any DRS affinity and anti-affinity rules or cause resource contention.
- C. All virtual machines will be migrated off the quarantined host to other hosts in the cluster without regard to DRS rules.
- D. vSphere HA will conduct a failover on all VMs residing on the quarantined host.

**Answer:** A

#### NEW QUESTION 382

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 385

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 388

An administrator is reviewing a virtual machine's storage performance on an ESXi 6.5 host and noticed that it is affecting shared data storage activity on another host.

Which should be enabled in order to mitigate the issue?

- A. Network I/O Control
- B. Storage I/O Control
- C. Storage DRS
- D. vSphere HA

**Answer:** B

#### NEW QUESTION 393

A scripted upgrade of ESXi fails due to an incorrect parameter in the upgrade script. What file must the administrator modify to correct the problem?

- A. boot.cfg
- B. vmreconfig.pl
- C. ks.cfg
- D. hostinfo.pl

**Answer:** A

#### NEW QUESTION 396

Which additional vCenter Server feature must be configured for DRS to balance workloads?

- A. vSphere HA
- B. Resource Pools
- C. vMotion
- D. Proactive HA

**Answer:** C

#### NEW QUESTION 401

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 404

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 405

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 409

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 414

Which do Protocol Endpoints refer to?

- A. a VASA provider
- B. a pool of raw storage capacity that spans different physical arrays
- C. a Virtual Volumes datastore
- D. a logical I/O proxy of the physical storage fabric

**Answer:** D

#### NEW QUESTION 416

Which are two requirements for configuring vCenter HA? (Choose two)

- A. A secondary NIC on the active node must be create and configured
- B. A management and heartbeat network must be created and configured
- C. A default gateway entry must be added for the cluster network
- D. All components must be on the same subnet as the management network
- E. The network IP addresses for the active, passive, and witness nodes must be static

**Answer:** BE

#### NEW QUESTION 417

An Administrator for a new vCenter Server HA deployment has an infrastructure that is using an external Platform Services Controller (PSC). Which three Load Balancers are supported by VMware? (Choose three.)



- A. Windows network Load Balancer
- B. F5 BIG-I
- C. VMware NSX EDGE
- D. Citrix Netscaler
- E. Linux HA Proxy

**Answer:** BCD

#### NEW QUESTION 419

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 421

A vSphere Administrator is in the process of configuring replication for a virtual machine, but is not able to select the Recovery Point Objective (RPO) value of 5 minute.

**Configure Replication for CentOS**

✓ 1 Replication type  
 ✓ 2 Target site  
 ✓ 3 Replication server  
 ✓ 4 Target location  
 ✓ 5 Replication options  
 ✓ 6 Recovery Settings  
 ✓ 7 Ready to complete

**Recovery settings**  
 Configure recovery settings for the virtual machine.

**Recovery Point Objective (RPO)**  
 Lower RPO times reduce potential data loss, but use more bandwidth and system resources.

15 minutes | 24 hours  
 15 minutes

**Point in time instances**  
 Retained replication instances are converted to snapshots during recovery. Replication of existing VM snapshots is not supported.

☐ Enable  
 Keep 3 instances per day for the last 5 days (15 total)

If the RPO period is longer than 8 hours, you might want to decrease the RPO value to allow vSphere Replication to create the number of instances that you want to keep.

**Recovery settings validation:**  
 ✓ Validation succeeded

Back Next Finish Cancel

Which statement could explain why the RPO value cannot be lower than 15 minutes?

- A. The target and source sites use different types of datastores.
- B. The OS quiescing option is selected for Replication options.
- C. The virtual machine hardware version is not compatible.
- D. The target and source sites are not using VMFS 6.0 datastore.

**Answer:** B

#### NEW QUESTION 423

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

**Answer:** CD

#### NEW QUESTION 425

In order to use vCenter Converter Standalone to convert a Windows 8 physical machine to a virtual machine, which statement is true?

- A. Volume layout can be reorganized on the destination virtual machine as long as the physical machine is powered off.
- B. The physical machine cannot be converted because vCenter Converter Standalone does not support Windows 8 machines.
- C. Volumes can be resized on the destination virtual machine as long as the physical machine is powered on.

D. The destination virtual machine can be created as a linked clone.

**Answer:** C

#### NEW QUESTION 428

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 433

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 438

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

**Answer:** AB

#### NEW QUESTION 442

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.html> 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 443

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