

# 2V0-620<sup>Q&As</sup>

vSphere 6 Foundations Beta

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### QUESTION 1

An administrator must determine an appropriate backup solution, given these conditions:

50 of the virtual machines are in a resource pool named Finance.

50 of the virtual machines are in a resource pool named QA.

Which solution allows an administrator the ability to backup 100 virtual machines?

A.

Use Snapshot Manager on the vCenter Server to backup the virtual machines.

B.

Use the VMware Consolidated Backup (vcb) tool on the ESXi Host to backup the virtual machines.

C.

Use the VMware Data Recovery (VDR) Appliance on the vCenter Server to backup the virtual machines.

D.

Use the VMware Data Protection (VDP) Appliance on one of the ESXi Hosts to backup the virtual machines.

Correct Answer: D

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### QUESTION 2

Which two options would allow a database administrator, with no access to the vSphere infrastructure, to connect to a virtual machine? (Choose two.)

A. Use the Virtual Machine Remote Console (VMRC).

B. Use Remote Desktop Protocol (RDP) to connect.

C. Ask the vSphere administrator to grant permission to access the console through vCenter Server.

D. Ask the vSphere administrator to grant permission to access with the Horizon View Direct Connect Client.

Correct Answer: BC

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### QUESTION 3

What virtual machine action listed below can be performed on a template?

- A. Power on
- B. Clone
- C. Edit Settings
- D. Migrate

Correct Answer: B

Reference: <http://robertparten.com/vmware-difference-between-clone-and-template/>

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#### QUESTION 4

An administrator has recently installed a new ESXi 6.x Host, and during the configuration notices sporadic network problems. To check whether the issue occurred sometime during the configuration, the administrator would like to reset the system.

How can this be accomplished in the shortest amount of time?

- A. Run the ESXi installer again and reinstall the host.
- B. Select the Reset System Configuration option from the vSphere Client when connected directly to the host.
- C. From the Direct Console User Interface, select Reset System Configuration.
- D. Use a host profile to reset the configuration to a default state.

Correct Answer: C

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#### QUESTION 5

An administrator is trying to open a remote console session to a virtual machine using the vSphere Web Client. With each attempt, an error message is displayed that reads:

HTTP ERROR 404

What is the most likely cause for the error?

- A. Port 902 is blocked by the firewall.
- B. Another program or process is using port 903.
- C. Outgoing UDP is enabled for port 902 on the firewall.
- D. Another program or process is using port 9443.

Correct Answer: D

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#### QUESTION 6

Which vSphere 6 Enterprise Edition feature will allow an organization to ensure that critical multi-threaded applications have the maximum possible uptime?

- A. Fault Tolerance
- B. High Availability
- C. Distributed Resource Scheduler
- D. App HA

Correct Answer: A

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#### QUESTION 7

An administrator is configuring the Maximum Transmission Unit value on a vSphere Distributed Switch. Which two options are typical values for ESXi networking? (Choose two.)

- A. 1492
- B. 1500
- C. 9000
- D. 9089

Correct Answer: BC

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#### QUESTION 8

How are ports scaled on vSphere Standard Switches (vSS)?

- A. Ports on a vSS can be dynamically scaled up and down.
- B. Ports on a vSS can only be statically scaled up or down.
- C. Ports on a vSS can only be dynamically scaled down.
- D. Ports on a vSS can only be dynamically scaled up.

Correct Answer: A

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#### QUESTION 9

Which vSphere 6.x feature will allow an organization to utilize native snapshots?

- A. Virtual Volumes
- B. Virtual SAN
- C. VMFS3
- D. VMFS5

Correct Answer: A

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#### QUESTION 10

An administrator is moving a virtual machine into a resource pool. The VM and resource pool are configured as shown:

VM configuration:

2GHz CPU reservation

1GB Memory limit

Resource Pool configuration:

6GHz CPU reservation

1GB Memory reservation

No limit to memory

What happens to the virtual machine's resource settings when it is moved into the pool?

- A.  
The VM inherits the resource settings of the resource pool if expandable reservations is enabled.
- B.  
The VM's reservations and limits are ignored and removed.
- C.  
The VM keeps the 2GHz CPU reservation but receives the 1GB memory reservation.
- D.  
The VM keeps the 2GHz CPU reservation and the 1GB Memory limit.

Correct Answer: D

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#### QUESTION 11

An administrator is attempting to restore a number of files in a directory within the Operating System of a virtual machine. How can the administrator restore the files from a previous backup?

- A. Use the File Level Restore option from the selected backup of the virtual machine in the vSphere Web Client.
- B. Connect to the File Level Restore tool from a web browser in the virtual machine.
- C. Connect to the File Level Restore tool from the VMware Data Protection appliance.
- D. Use the File Level Restore option from the selected backup of the virtual machine in the vSphere Client.

Correct Answer: B

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#### QUESTION 12

What is required when changing a virtual machine name using the vSphere Web Client?

- A. Verify connectivity to the ESXi host where the virtual machine is running and its inventory list is accessible.
- B. Verify in which datastore the virtual machine resides and that you have access and its inventory list is accessible.
- C. Verify that virtual machine files are stored in the same datastore and can be accessed in the datastore browser list.
- D. Verify the virtual machine is not running in Fault Tolerant mode and that it is not in a Distributed Resource Scheduler cluster.

Correct Answer: A

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#### QUESTION 13

An administrator is performing an interactive installation of ESXi 6.x. Which three options are available for installation? (Choose three.)

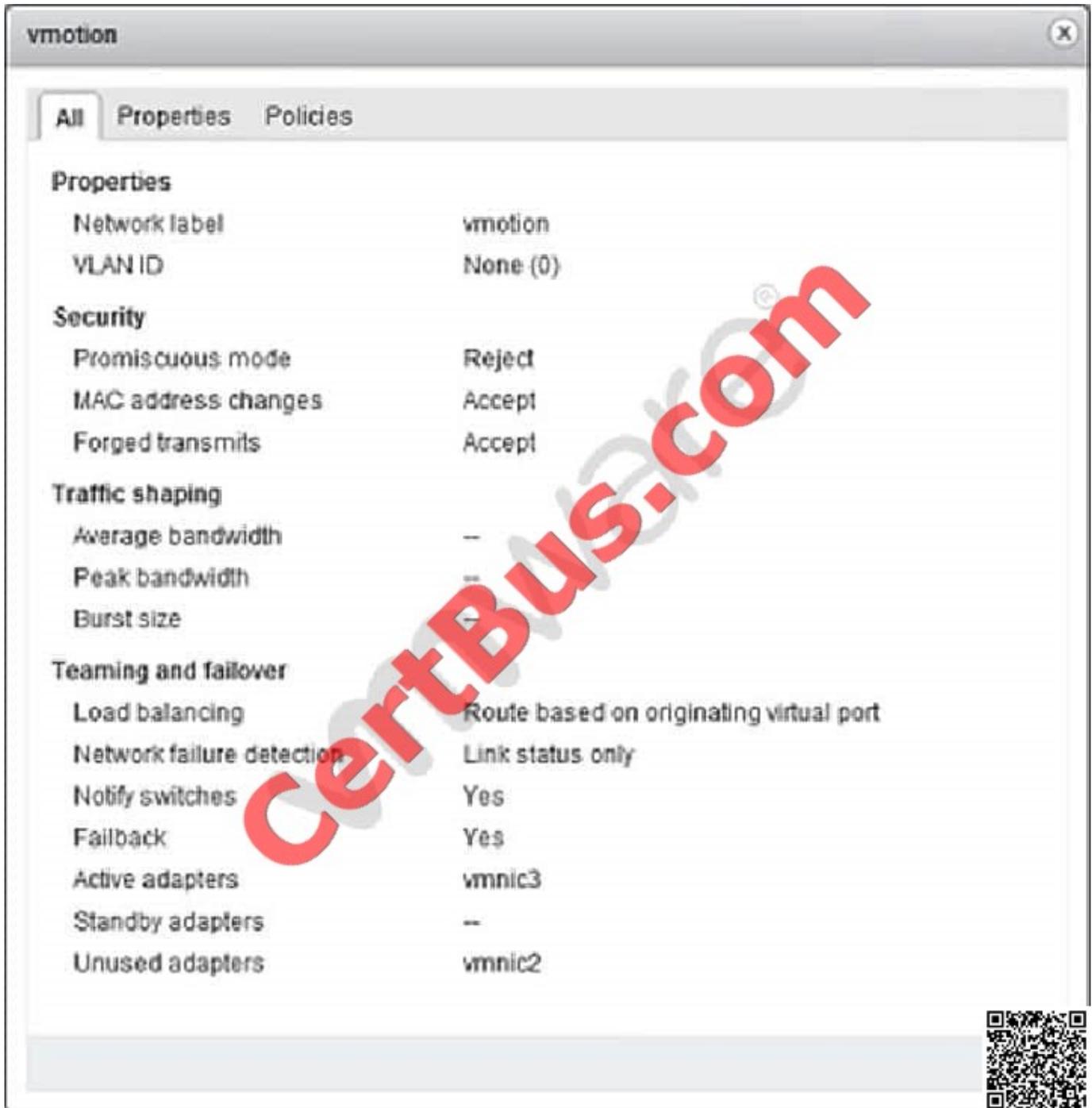
- A. DVD
- B. USB
- C. PXE
- D. Scripted
- E. Auto Deploy

Correct Answer: ABC

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#### QUESTION 14

Refer to the Exhibit. -- Exhibit -



An administrator has been given requirements to configure vMotion for a new virtual machine. The configuration should:

Provide Network Redundancy

Use VLAN 550

Be secured against anyone trying to spoof communication

The vSwitch1 configuration is shown in the Exhibit.

Which three changes should be made to meet the stated requirements? (Choose three.)

A.

The VLAN ID must be set appropriately.

B.

The default values for MAC Address Changes and Forged Transmits must be altered.

C.

The teaming and failover adapters must be set appropriately.

D.

The Traffic Shaping configuration must be altered.

E.

The Load Balancing Policy must be set appropriately.

Correct Answer: ABC

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#### QUESTION 15

An administrator receives a report that no real time statistics are available for a virtual machine in the vCenter Server inventory. Which two statements indicate likely causes of the problem? (Choose two.)

A. The virtual machine is powered off.

B. The host containing the virtual machine is disconnected from vCenter Server.

C. There is insufficient real time data to display the information.

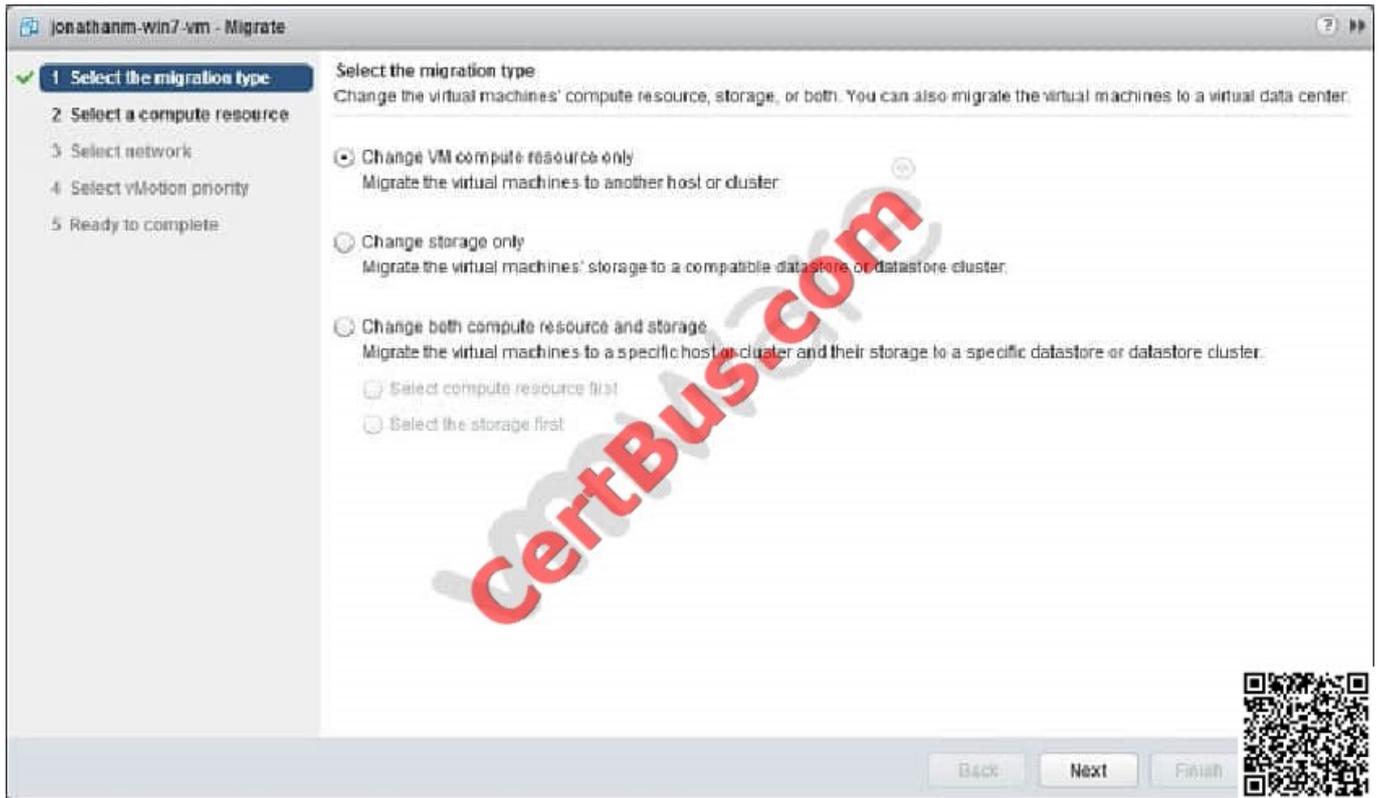
D. The vCenter Server service is not running.

Correct Answer: AB

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#### QUESTION 16

Refer to the Exhibit.



An administrator is migrating a powered-on virtual machine, as shown in the exhibit. Which option should be selected to perform a Storage vMotion of the VM?

- A. Change storage only
- B. Change VM compute resource only
- C. Change both compute resource and storage, changing the compute resource first.
- D. Change both compute resource and storage, changing the storage resource first.

Correct Answer: A

#### QUESTION 17

Which three tasks can be selected from the home page of an ESXi 6.x host? (Choose three.)

- A. Browse objects managed by the host
- B. Browse NFS mounts for this host
- C. Download VMware vCenter or the vSphere client from vmware.com
- D. Shutdown or restart the host
- E. Download the PowerCLI installer

Correct Answer: ABC

Explanation: PowerCLI is an extension, which builds upon Windows Powershell and can be downloaded from [www.vmware.com/go/powercli](http://www.vmware.com/go/powercli). vSphere Remote CLI is a separate application which can be downloaded in Windows, 32-Bit Linux or 64-Bit Linux formats from <https://my.vmware.com/web/vmware/details/vcli40/CV0YmRkJSpidHdw>

So from the options given you can Download VMware vCenter or the vSphere client, browse objects mounted by this host, and browse datastores (which could be Network File System (NFS) mounted).

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#### QUESTION 18

Which three actions can be executed when an alarm is triggered? (Choose three.)

- A. Send an email.
- B. Send an SNMP trap.
- C. Run a script or command.
- D. Run an Orchestrator workflow.
- E. Send a trigger to syslog.

Correct Answer: ABC

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#### QUESTION 19

An administrator is deploying multiple Windows 2003 Virtual Machines from the same template.

What two steps should be taken to avoid network conflicts? (Choose two.)

- A. Customize the guest operating system.
- B. Install VMware Tools into the new virtual machines.
- C. Copy the Microsoft Sysprep tools onto the vCenter Server system.
- D. Ensure the e1000 vmnic is selected for each new virtual machine.

Correct Answer: AC

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#### QUESTION 20

When attempting to power on a Virtual Machine you observe the following error:

Cannot open the disk \\vmfs/volumes/volume/vm/vm-000002.vmdk\ or one of the snapshot disks it depends on.

Which three actions will be the best solutions to address this problem? (Choose three.)

- A. Verify that the virtual machine's disk files are present.

- B. Investigate the host and virtual machine log files.
- C. Verify the vmrk descriptor files and if required, recreate them.
- D. Delete the disk file preventing the power on operation.
- E. Migrate or register the virtual machine to a different host.

Correct Answer: ABC

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#### QUESTION 21

What is the optimal configuration when building a virtual machine for a single-threaded Windows application?

- A. Deploy single-threaded applications on uniprocessor virtual machines.
- B. Deploy single-threaded applications on symmetric multi-processor virtual machines.
- C. Tune single-threaded applications to take advantage of symmetric multi-processor resources.
- D. Tune Single-threaded applications at the hypervisor level.

Correct Answer: A

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#### QUESTION 22

A company has decided to implement Virtual SAN within their vSphere 6.x environment.

The Virtual SAN cluster will be composed of three ESXi 6.x hosts that are on the Virtual SAN Ready Node list.

Each ESXi host includes:

Two SAS Controllers that support Passthrough Mode

Four Solid State Drives (SSDs) 1TB in size each

20 SAS Magnetic Disks (MDs) 1TB in size each The SSDs and MDs are evenly split between the two SAS controllers

The company will pilot a Virtual SAN cluster utilizing VMware best practices while maximizing storage capacity. The Virtual SAN cluster will use Manual Mode.

Which two Disk Group configurations would meet the stated configuration requirements? (Choose two.)

- A.  
4 disk groups with 1 SSD and 5 MDs each
- B.

2 disk groups with 1 SSD and 7 MDs each

C.

2 disk groups with 2 SSDs and 7 MDs each

D.

2 disk groups with 1 SSD and 10 MDs each

Correct Answer: AB

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### QUESTION 23

An administrator is configuring the Failover Order option on a vSphere Distributed Switch. Which two options should be used with IP-hash load balancing? (Choose two.)

A. Active Uplinks

B. Standby Uplinks

C. Unused Uplinks

D. Override Failover Order

Correct Answer: AC

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### QUESTION 24

An administrator plans to use an upgrade script to upgrade a number of ESXi 6.x hosts. What options are available for the kickstart file? (Choose two.)

A. dryrun - Parse and check script but does not install

B. overwritevmfs - permits overwriting of existing VMFS volumes

C. vcenter - specifies vCenter Server

D. autodeploy - defines autodeploy options

Correct Answer: AB

Reference: [http://kb.vmware.com/selfservice/microsites/search.do?language=en\\_US&cmd=displayKCA&externalId=2004582](http://kb.vmware.com/selfservice/microsites/search.do?language=en_US&cmd=displayKCA&externalId=2004582)

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### QUESTION 25

An administrator is configuring Network I/O Control for a vSphere 6.x implementation. The physical network adapters in use are 10Gbps. The administrator plans to set up System Traffic and Virtual Machine Reservations as shown in the

Exhibit:

System Traffic	Bandwidth Reservation (Gbps)	Virtual Machines	Bandwidth Reservation (Gbps)
Management	1	VM1	2
iSCSI	1	VM2	3
Virtual Machine	75	VM3	1
File	2	VM4	5

Based on the exhibit, which two statements are true regarding this configuration? (Choose two.)

- A. System traffic is misconfigured as bandwidth reservation for this traffic type cannot exceed 75% of the total available adapter bandwidth.
- B. iSCSI traffic is guaranteed to always have a minimum of 3Gbps of bandwidth.
- C. VM1 will have better network performance than VM2.
- D. Virtual Machine traffic is misconfigured as bandwidth reservation for this traffic type cannot exceed 75% of the total available adapter bandwidth.

Correct Answer: BC

**QUESTION 26**

Which type of Adapter does not require vmkernel networking?

- A. Independent Hardware iSCSI Adapter
- B. Dependent Hardware iSCSI Adapter
- C. Software iSCSI Adapter
- D. Software FCoE Adapter

Correct Answer: A

**QUESTION 27**

An administrator has an application that requires connection directly to PCI devices through a virtual machine. What is a limitation of this configuration?

- A. Devices must be reserved for PCI passthrough on at least one host on which the virtual machine will run.

- B. Snapshots are not supported with DirectPath I/O passthrough devices.
- C. A maximum of 18 PCI vSphere DirectPath devices can be added to a virtual machine.
- D. Only one PCI controller can be presented to the virtual machine.

Correct Answer: B

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#### **QUESTION 28**

What is true regarding datastores on ESXi 6.x?

- A. NFS 4.1 datastore does not support Fault Tolerance (FT)
- B. VMFS3 and VMFS5 datastores can be newly created
- C. NFS datastore can be concurrently mounted using NFS 4.1 on one host and NFS on another
- D. NFS 3.0 datastore does not support Fault Tolerance (FT)

Correct Answer: A

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#### **QUESTION 29**

An administrator reports that the System Event log data is only available for 24 hours when reviewing the Hardware Status tab. Which condition could be responsible for the loss of data?

- A. A Reset event log was executed.
- B. The statistical collection level was set to a value of 1.
- C. The boot disk of the host is corrupt.
- D. Syslog has been configured at the vCenter Server level.

Correct Answer: A

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#### **QUESTION 30**

A virtual machine is experiencing performance issues. The following performance metrics are observed:

CPU usage value for the virtual machine is above 90%

CPU ready value for the virtual machine is above 20%

Which two activities will likely resolve the performance issues? (Choose two.)

- A. Set a CPU reservation for the virtual machine.
- B. Increase the CPU limit on the virtual machine.
- C. Decrease CPU shares equally for all virtual machines on the host.
- D. Increase CPU shares equally for all virtual machines on the host.

Correct Answer: AB

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