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**Vendor:**VMware

**Exam Code:**2V0-620

**Exam Name:**vSphere 6 Foundations Beta

**Version:**Demo

### QUESTION 1

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

It clearly shows that the reset event log was executed that's why data is available for 24 hours only. Reference: [https://kb.vmware.com/selfservice/microsites/search.do?language=en\\_US&cmd=displayKc&externalId=2061093](https://kb.vmware.com/selfservice/microsites/search.do?language=en_US&cmd=displayKc&externalId=2061093)

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### QUESTION 2

Which two statements are true regarding VMware vSphere Flash Read Cache (vFRC)? (Choose two.)

- A. Cache fills and cache evictions happen in the granularity of a cache block size.
- B. vFRC caches data from both read and write I/Os, but write I/Os are always serviced by the underlying storage.
- C. vFRC caches data from both read and write I/Os, but write I/Os are always serviced by the underlying cache data.
- D. Cache fills and cache evictions happen in the granularity of the disk block size.

Correct Answer: AB

Cache fills and cache evictions happen in the granularity of a cache block size. This value ranges from 4KB to 1MB to enable you to best configure your cache block size based on the I/O size of workloads. Even though cache fills and cache evictions happen in the granularity of a cache block size, actual read I/O serviced by the cache can be smaller than the cache block size. For example, if the cache block size is 64KB, and a 4KB read I/O request is issued by the guest virtual machine, and if the data is not available in the cache, a 4KB read is issued to the VMDK. When populating the cache, the vFRC algorithm looks for a 64KB region to place the new 4KB data. If no free space is available, a 64KB region is evicted and the space is used to hold the new 4KB data. The remaining 60KB region in the 64KB cache block is marked as invalid. The cache block size parameter therefore has profound effects on performance

Reference: <https://www.vmware.com/files/pdf/techpaper/vfrc-perf-vsphere55.pdf>

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### QUESTION 3

A physical Windows 2008 R2 Server is converted to a virtual machine using VMware vCenter Converter.

Upon completion of the conversion and subsequent power on operation, the virtual machine fails to boot

and the message below is observed in the Console of the virtual machine:

```
STOP 0x0000007B INACCESSIBLE_BOOT_DEVICE
```

Which two potential issues may be causing this boot failure? (Choose two.)

- A. An incorrect SCSI controller was selected during conversion.
- B. Incompatible software drivers were migrated into the virtual machine from the source machine.
- C. The vmdk file backing the virtual machine was thick provisioned.
- D. A snapshot was taken immediately after the conversion completed.

Correct Answer: AB

It might be the incorrect SCSI controller was selected during conversion or the incompatible software drivers were migrated into the VM from source machine.

Reference: [https://kb.vmware.com/selfservice/microsites/search.do?language=en\\_US&cmd=displayKCa&externalId=1016330](https://kb.vmware.com/selfservice/microsites/search.do?language=en_US&cmd=displayKCa&externalId=1016330)

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#### QUESTION 4

What are three changes that could result in a Network rollback operation? (Choose three.)

- A. Blocking all ports in a Virtual Machine Portgroup.
- B. Changing the MTU of a distributed switch.
- C. Updating the VLAN of the management VMkernel network adapter.
- D. Disconnecting the cable from the physical NIC.
- E. Changing the IP settings of management VMkernel network adapters.

Correct Answer: BCE

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#### QUESTION 5

An administrator has just completed performing an interactive installation of ESXi 6.x and is booting the host.

How is the network initially configured?

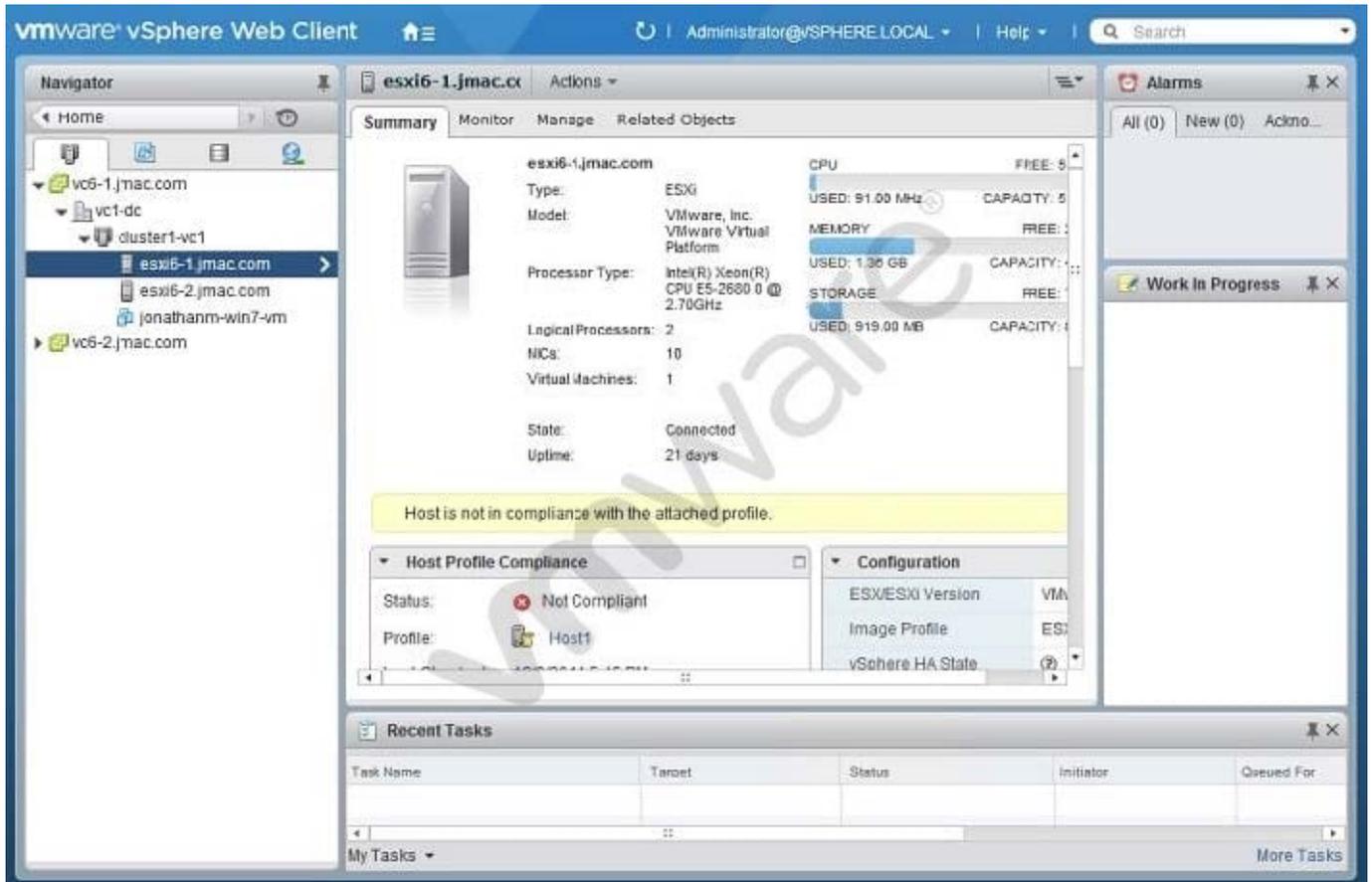
- A. The network is configured by Automatic Private IP Addressing (APIPA).
- B. The network is configured based on the settings detected in DNS.
- C. The network is configured with the address as specified in the installer.
- D. The network is automatically configured by DHCP.

Correct Answer: D

Network is automatically configured by DHCP Reference: <https://pubs.vmware.com/vsphere-60/topic/com.vmware.ICbase/PDF/vsphere-esxi-vcserver-60-installation-setup-guide.pdf>

## QUESTION 6

Refer to the Exhibit.



An administrator logs into the vSphere Web Client and sees the warning shown in the Exhibit. During a change control window, the warning was addressed.

What should be done to verify that the host is no longer showing the warning?

- A. Run a Remediate host operation.
- B. Recheck the compliance of the host.
- C. Restart the host to get rid of the warning.
- D. Install VMware tools to clear the warning.

Correct Answer: B

To make sure the host is no longer showing the warning, recheck the compliance of the host.

### QUESTION 7

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 administrator to grant permission to access the console through vCenter Server.
- D. Ask the administrator to grant permission to access with the Horizon View Direct Connect Client.

Correct Answer: BC

Accessing a virtual machine with no access to vSphere environment is tricky. You can use virtual machine remote console to remotely access the VM by asking the admin to grant permission to access the console through vcenter server.

Reference: <http://blog.mwpreston.net/2011/11/25/access-to-vm-console-without-vi-client/>

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### QUESTION 8

An administrator is creating a new vSphere Distributed Switch that will be utilized with a specific vSphere Cluster. The cluster itself contains a mix of ESXi 5.x and 6.x Hosts.

Which Distributed Switch version should be created to support this configuration?

- A. Distributed Switch: 6.0.0
- B. Distributed Switch: 5.0.0
- C. Distributed Switch: 5.1.0
- D. Distributed Switch: 5.5.0

Correct Answer: B

Option	Description
vSphere Distributed Switch Version: 4.0	Compatible with ESX/ESXi version 4.0 and later. Features released with later vSphere distributed switch versions are not supported.
vSphere Distributed Switch Version: 4.1.0	Compatible with ESX/ESXi version 4.1 and later. Features released with later vSphere distributed switch versions are not supported.
vSphere Distributed Switch Version: 5.0.0	Compatible with ESXi version 5.0 and later. Features released with later vSphere distributed switch versions are not supported.
vSphere Distributed Switch Version: 5.1.0	Compatible with ESXi version 5.1 and later.

Reference: <https://pubs.vmware.com/vsphere-51/index.jsp?topic=%2Fcom.vmware.vsphere.networking.doc%2FGUID-09176C71-1748-460B-BB7B-3671AB855D7E.html>

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### QUESTION 9

Which two storage controller configurations can be used with Virtual SAN? (Choose two.)

- A. SAS controllers in Passthrough mode
- B. SAS controllers in RAID0 mode
- C. SAS controllers in RAID1 mode
- D. SAS controllers in RAID10 mode

Correct Answer: AB

SAS controllers in passthrough mode and in RAID 0 mode can be used with virtual SAN.

Reference: <http://blogs.vmware.com/vsphere/2014/01/virtual-san-hardware-guidance-part-ii-storagecontrollers.html>

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### QUESTION 10

Refer to the Exhibit.

The screenshot shows the 'Adapter Details' window in vSphere, with the 'Paths' tab selected. There are 'Enable' and 'Disable' buttons above a table. The table has four columns: 'Runtime Name', 'Target', 'LUN', and 'Status'. The status of each path is indicated by a diamond icon: green for 'Active (I/O)' and red for 'Dead (I/O)'. A large 'VMware' watermark is visible across the table.

Runtime Name	Target	LUN	Status
vmhba2:C0:T3:L0	50:06:01:60:c7:20:6a:a4 50:06:0...	0	Active (I/O)
vmhba2:C0:T2:L0	50:06:01:60:c7:20:6a:a4 50:06:0...	0	Active (I/O)
vmhba2:C0:T1:L0	50:06:01:60:c7:20:6a:a4 50:06:0...	0	Dead (I/O)
vmhba2:C0:T0:L0	50:06:01:60:c7:20:6a:a4 50:06:0...	0	Active (I/O)

A storage administrator is not seeing full utilization of all bandwidth from an ESXi host. The vSphere administrator observes the adapter details, as shown in the Exhibit.

What is the probable cause of this issue?

- A. Another path needs to be used to allow full utilization of the bandwidth.
- B. The array is not setup to use the correct multipathing policy.

- C. There are no virtual machines on the host.
- D. No traffic is being sent across it because a path failed.

Correct Answer: D

It seems that no traffic is being sent across it due to the path that has failed.

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#### **QUESTION 11**

When configuring vSphere Replication for a virtual machine, what is the lowest Recovery Point Objective (RPO) that can be selected?

- A. 1 min
- B. 5 min
- C. 10 min
- D. 15min

Correct Answer: D

The available range is from 15 minutes to 24 hours.

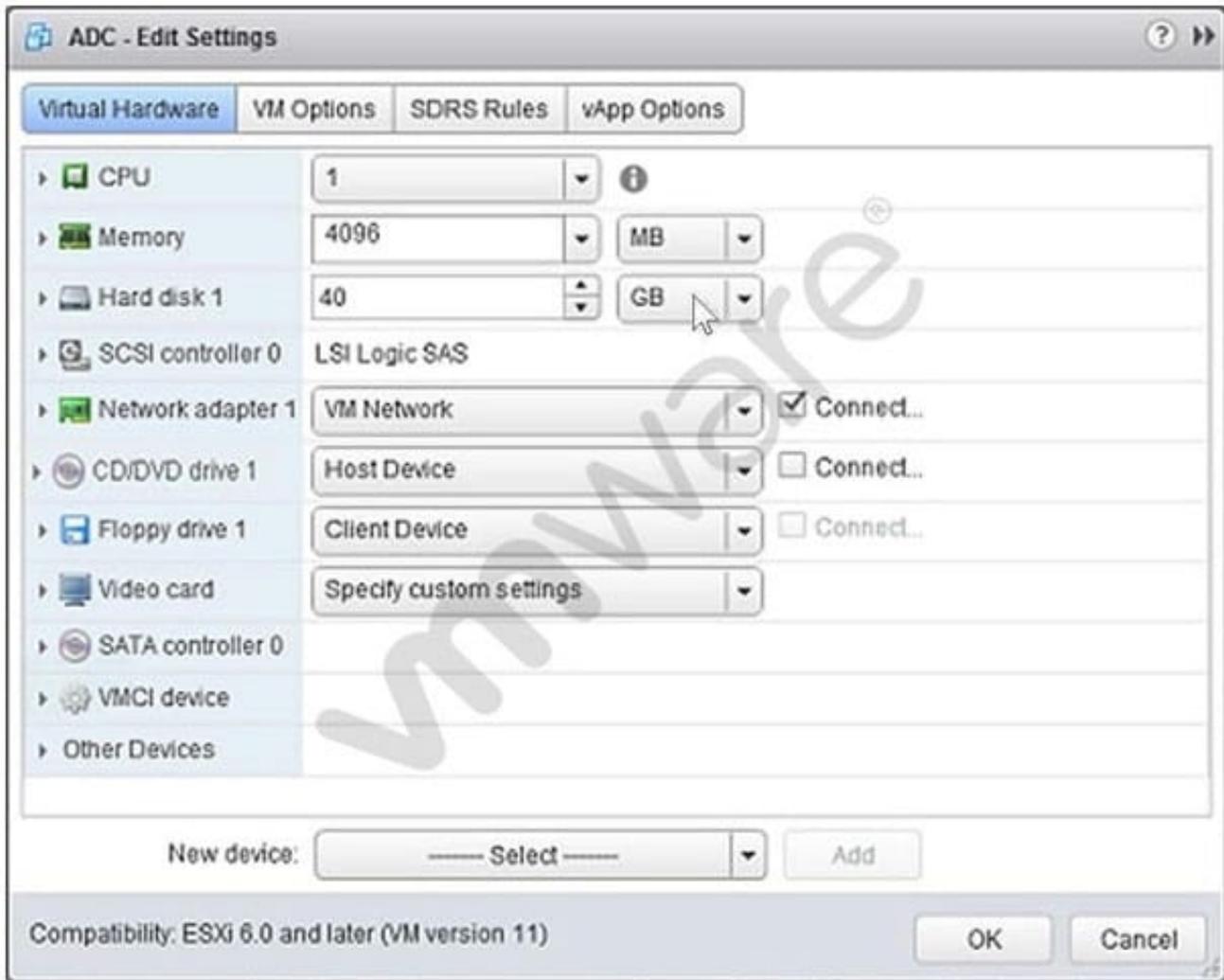
Reference: [https://pubs.vmware.com/vsphere-51/index.jsp?topic=%](https://pubs.vmware.com/vsphere-51/index.jsp?topic=%2Fcom.vmware.vsphere.replication_admin.doc%2FGUID-C249300C-2BC0-4128-88B5046C3DE6BC5B.html)

[2Fcom.vmware.vsphere.replication\\_admin.doc%2FGUID-C249300C-2BC0-4128-88B5046C3DE6BC5B.html](https://pubs.vmware.com/vsphere-51/index.jsp?topic=%2Fcom.vmware.vsphere.replication_admin.doc%2FGUID-C249300C-2BC0-4128-88B5046C3DE6BC5B.html)

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#### **QUESTION 12**

An administrator is installing Windows into a virtual machine using an image housed in a VMFS datastore. A DVD and a NIC have both been configured on an ESXi 6.x Host and can be used for boot purposes, as shown in the Exhibit. The DVD device is first in the boot order.



Based on the Exhibit, when the host is booted, why would it attempt to search for a PXE server?

- A. The kickstart.cfg file was not found.
- B. The CD/DVD device is not set to Host Device.
- C. The nic is not PXE enabled.
- D. The CD/DVD device is not connected.

Correct Answer: D

It looks like the CD/DVD device is not connected. Restart the machine and recheck again. When the system doesn't find CD/DVD drive, it looks for PXE server to boot.