



**Vendor: VMware**

**Exam Code: 2V0-621**

**Exam Name: VMware Certified Professional 6 - Data Center  
Virtualization Exam**

**QUESTION 1**

What is the minimum Virtual Hardware version required for vFlash Read Cache?

- A. Version 8
- B. Version 9
- C. Version 10
- D. Version 11

**Correct Answer: C**

**QUESTION 2**

An administrator wants to prevent a priority virtual machine that resides in a vSphere DRS cluster from migrating to other hosts in the cluster. What configuration step will accomplish this without affecting other virtual machines?

- A. Set VM Overrides to Partially Automated.
- B. Set VM Overrides to Manual.
- C. Configure a VM/Host Rule with the setting Must run on hosts in group.
- D. Configure a VM/Host Rule with the setting Should run on hosts in group.

**Correct Answer: B**

**QUESTION 3**

Which two identification sources can a vSphere Auto Deploy rule use to identify target hosts? (Choose two.)

- A. Processor Serial Number
- B. Security Identifier
- C. SMBIOS information
- D. BIOS UUID

**Correct Answer: CD**

**QUESTION 4**

An administrator observes the following symptoms for a virtual machine:

- CPU usage is consistently above 90%
- CPU ready value is consistently above 20%.
- Application performance is impacted.

Which two actions should the administrator take to improve the performance of this virtual machine? (Choose two.)

- A. Increase the number of vCPUs assigned to this virtual machine.
- B. Decrease the number of vCPUs assigned to this virtual machine.
- C. Verify that VMware Tools is installed on every virtual machine on the host.
- D. Increase the CPU shares assigned to the virtual machine.

**Correct Answer: CD**

**QUESTION 5**

An administrator is unable to start the vCenter Server service. The vpxd.log file shows this service failure:

[13308 error 'Default' opID=622892-371bf717] CoreDump: Unable to write minidump  
[13308 error 'Default' opID=622892-371bf717] error -2147024784 : There is not enough space on the disk.

What is preventing the start of the service?

- A. Insufficient space on the vCenter Server
- B. Insufficient space on the Database Server
- C. Insufficient space on the VMFS volume
- D. Insufficient space on the ESXi ramdisk

**Correct Answer:** A

#### **QUESTION 6**

An administrator uses the `df -h` command and notices that an NFS datastore is reporting a capacity of 0 Bytes. What condition would cause this to occur?

- A. The NFS server on which the datastore resides is down.
- B. The datastore was mounted as Read/Write.
- C. The datastore was mounted as Read-Only.
- D. The datastore was created with NFS version 4.1.

**Correct Answer:** A

#### **QUESTION 7**

Users are reporting CPU related performance problems on the virtual machine Email-Prod throughout the day.

The resource settings for the VM and the ESXi host the VM is running on are shown below:

VM:  
Email-Prod  
vCPUs: 4  
Memory: 96GB

ESXi host:  
CPU: 2 x 8 Core Processors  
Memory: 128GB  
NUMA architecture E.2 Nodes

Which two options would alleviate the observed performance problem for Email-Prod? (Choose two.)

- A. Enable the advanced parameter `Numa.PageMigEnable`.
- B. Enable the advanced parameter `Numa.AutoMemAffinity`.
- C. Enable CPU affinity to separate 2 vCPUs for each NUMA node.
- D. Enable CPU affinity to bind all vCPUs to one NUMA node.

**Correct Answer:** BC

#### **QUESTION 8**

Which secondary Private VLAN (PVLAN) type can communicate and send packets to an Isolated

PVLAN?

- A. Community
- B. Isolated
- C. Promiscuous
- D. Primary

**Correct Answer: C**

#### **QUESTION 9**

An administrator is having a problem configuring Storage I/O Control on a Datastore. Which two conditions could explain the issue? (Choose two.)

- A. A host is running ESXi 4.0.
- B. An ESXi host does not have appropriate licensing.
- C. The vCenter Server version is 5.0.
- D. The vCenter Server License is Standard.

**Correct Answer: AB**

#### **QUESTION 10**

Attempting to update an ESXi 6.x host using the following command:

```
esxcli software vib update -d update.zip
```

Generates the following error:

```
Could not download from depot at /tmp/index.xml, skipping ((/tmp/index.xml', ", "[Errno 4] IOError: <urlopen error [Errno 2] No such file or directory: '/tmp/index.xml">")) url = /tmp/index.xml
```

What action should be taken to correct the problem?

- A. Add the full file path to the command.
- B. Use the update option instead of install.
- C. Use the switch -d instead of -v.
- D. Replace esxcli with esxupdate.

**Correct Answer: A**

#### **QUESTION 11**

Refer to the Exhibit. An administrator has created the DRS cluster shown in the Exhibit. Based on the exhibit, which statement is true?