

# VMware

## Exam 2V0-620

### vSphere 6 Foundations Beta Exam

Version: 6.0

[ Total Questions: 197 ]

**Question No : 1**

An application running in a virtual machine is experiencing performance issues. When utilizing performance monitoring utilities, it is noted that the CPU Utilization of the application is at 100%.

Which two scenarios are probable causes of the CPU contention for the application?  
(Choose two.)

- A. There is a network I/O constraint.
- B. There is a storage I/O constraint.
- C. There is insufficient disk space assigned to the virtual machine.
- D. The application is not virtualization aware.

**Answer: A,B**

**Question No : 2**

What happens to the status of users already logged into ESXi Shell when a vSphere administrator enables lockdown mode?

- A. Users remain logged in and can run commands, except to disable lockdown mode.
- B. Users remain logged in and can run commands, including disabling lockdown mode.
- C. Users are immediately logged out of ESXi Shell.
- D. Users are logged out after a timeout specified by the vSphere administrator.

**Answer: A**

**Question No : 3**

What is the effective vSphere licensing level during the 60 day evaluation period?

- A. vSphere Foundation Essentials Plus
- B. vSphere Standard
- C. vSphere Enterprise
- D. vSphere Enterprise Plus

**Answer: D**

**Question No : 4**

A Fault Tolerance (FT) virtual machine with four vCPUs is experiencing high latency when performing ICMP and Application tests.

What are three potential causes that may be attributing to this latency? (Choose three.)

- A. The FT network has insufficient bandwidth and is running on a 1GB Link.
- B. The FT network is on a particularly high latency link.
- C. The FT network has been configured with Network I/O Control.
- D. The FT virtual machine is running an e1000 network adapter.
- E. The FT virtual machine is running on poor performing network-based storage.

**Answer: A,B,C**

**Question No : 5**

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.

**Answer: A,B**

**Question No : 6**

To comply with security requirements, an administrator with a vCenter Server Appliance needs to force logoff of the vSphere web client after 10 minutes of inactivity.

What should the administrator do to meet the requirement?

- A. Edit: /var/lib/vmware/vsphere-client/webclient.properties, modify session.timeout=10
- B. Edit: /opt/vmware/vsphere-client/webclient.properties, modify session.timeout=600
- C. Edit: /var/lib/vmware/vsphere-client/webclient.properties modify session.timeout=600
- D. Edit: /opt/vmware/vsphere-client/webclient.properties, modify session.timeout=10

**Answer: A**

**Question No : 7**

An administrator is upgrading a vSphere Distributed Switch. The existing switch is version 6.0 and the administrator wants to upgrade to the latest version possible. The environment contains several ESXi 6.1 hosts.

Which two options are available to ensure that the upgraded switch will be compatible with these hosts? (Choose two.)

- A. Upgrade the vSphere Distributed Switch to 6.0
- B. Upgrade the ESXi 5.5 hosts to version 6.0, then upgrade the vSphere Distributed Switch to 5.5
- C. Upgrade the vSphere Distributed Switch to 5.1
- D. Upgrade the ESXi host switches to 5.5, then upgrade the vSphere Distributed Switch to 5.5

**Answer: B,C**

**Question No : 8**

An administrator attempts to create a Thick Provisioned Virtual Disk (VMDK) on an NFS datastore; but it fails.

Which two reasons would explain the failure? (Choose two.)

- A. Datastore is on an NFS 3 storage server that does not support Hardware Acceleration
- B. Datastore is on an NFS 4.1 storage server
- C. Only VMFS datastores support "Thick Provisioned" VMDK
- D. The NFS datastore was not created on a "Thick Provisioned" device

**Answer: A,B**

**Question No : 9**

Which two NFS Protocol versions does vSphere 6 support? (Choose two.)

- A. Version 3
- B. Version 3.1
- C. Version 4
- D. Version 4.1

**Answer: A,D**

**Question No : 10**

An administrator enables High Availability (HA) on a Virtual SAN cluster.

Which network is used for HA Network Heartbeat configuration?

- A. The Management network.
- B. The vMotion network.
- C. The Virtual SAN network.
- D. The Provisioning Traffic network.

**Answer: C**

**Question No : 11**

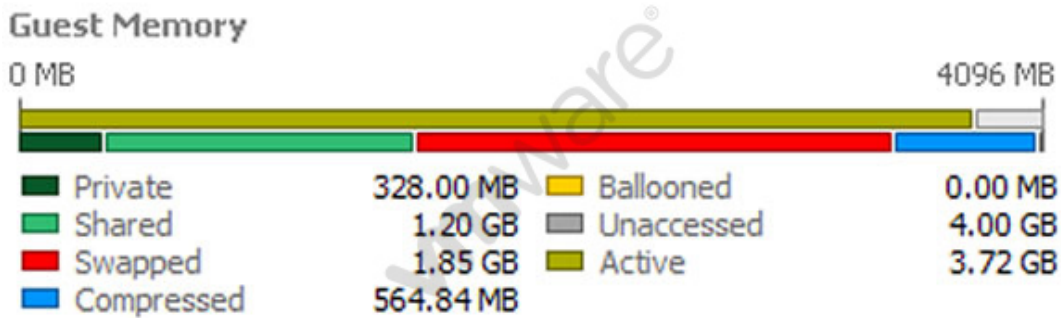
Which three operations occur during a cold migration of a virtual machine? (Choose three.)

- A. The virtual machine disks are moved if the datastore is being changed.
- B. The virtual machine is registered with the destination server.
- C. The source virtual machine is removed from the old hosts.
- D. The virtual machine hardware is upgraded.
- E. The virtual machine files are quiesced prior to the migration.

Answer: A,B,C

**Question No : 12**

Refer to the Exhibit.



-- Exhibit --

A 4 GB Memory virtual machine is experiencing extended memory issues, as shown in the Exhibit.

What potential issues could be attributed to this memory pressure?

- A. A limit is imposed on the virtual memory of this virtual machine.
- B. The Balloon driver has been uninstalled.
- C. A limit has been imposed on the Virtual CPU of the virtual machine.
- D. Storage IO control has been enabled for the virtual machine causing the swapped memory.

Answer: A,B

**Question No : 13**

A user wants to monitor a business-critical virtual machine to ensure that it doesn't run out of resources.

What metric could be monitored in vRealize Operations to address this concern?

- A. Time Remaining badge
- B. Compliance badge
- C. Reclaimable Waste badge
- D. Density badge

**Answer: A**

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**Question No : 14**

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.

**Answer: C**

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**Question No : 15**

You are creating a virtual machine in the Web Client using the New Virtual Machine wizard.

Which two steps are required? (Choose two.)

- A. Select a valid name.
- B. Select a cluster for the compute resource.
- C. Select a network adapter.
- D. Select the virtual machine compatibility.

**Answer: A,D**

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**Question No : 16**

A vApp is running out of compute resources when overall activity is high within the resource pool. At other times, everything is fine.

What should be done to resolve this issue?

- A. Increase the size of the resource pool Shares.
- B. Set the vApp's CPU and Memory Reservation Type to Expandable.
- C. Set the vApp's CPU and Memory Limit to Unlimited.
- D. Create a new resource pool with the existing hardware configuration.

**Answer: B**

### Question No : 17

A virtual machine has been renamed and an administrator is unable to find files with the new virtual machine name in the datastore.

What is the reason for this?

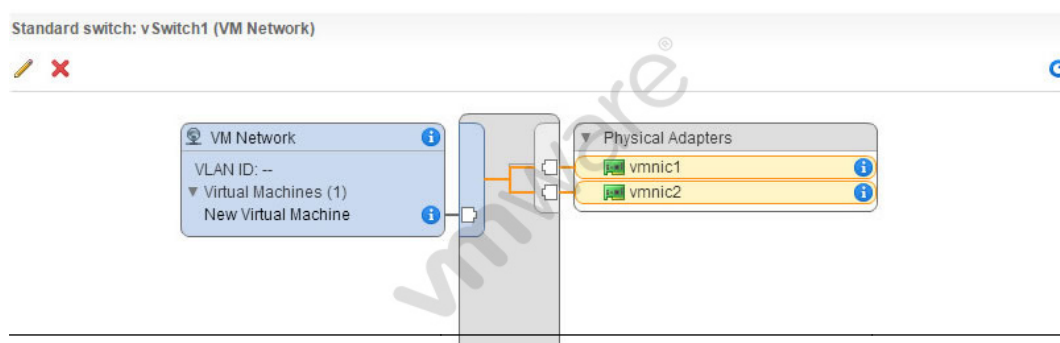
- A. The names of the files on the datastore do not change.
- B. The names of the files on the datastore have been corrupted.
- C. The virtual machine needs to be re-added to the inventory.
- D. The Distributed Resource Scheduler moved the virtual machine to another host.

**Answer: A**

### Question No : 18

Refer to the Exhibit.

-- Exhibit --





-- Exhibit --

An administrator has configured network connectivity for a new virtual machine, as shown in the Exhibit.

What will occur with the network traffic of this virtual machine when communicating externally from vSwitch1?

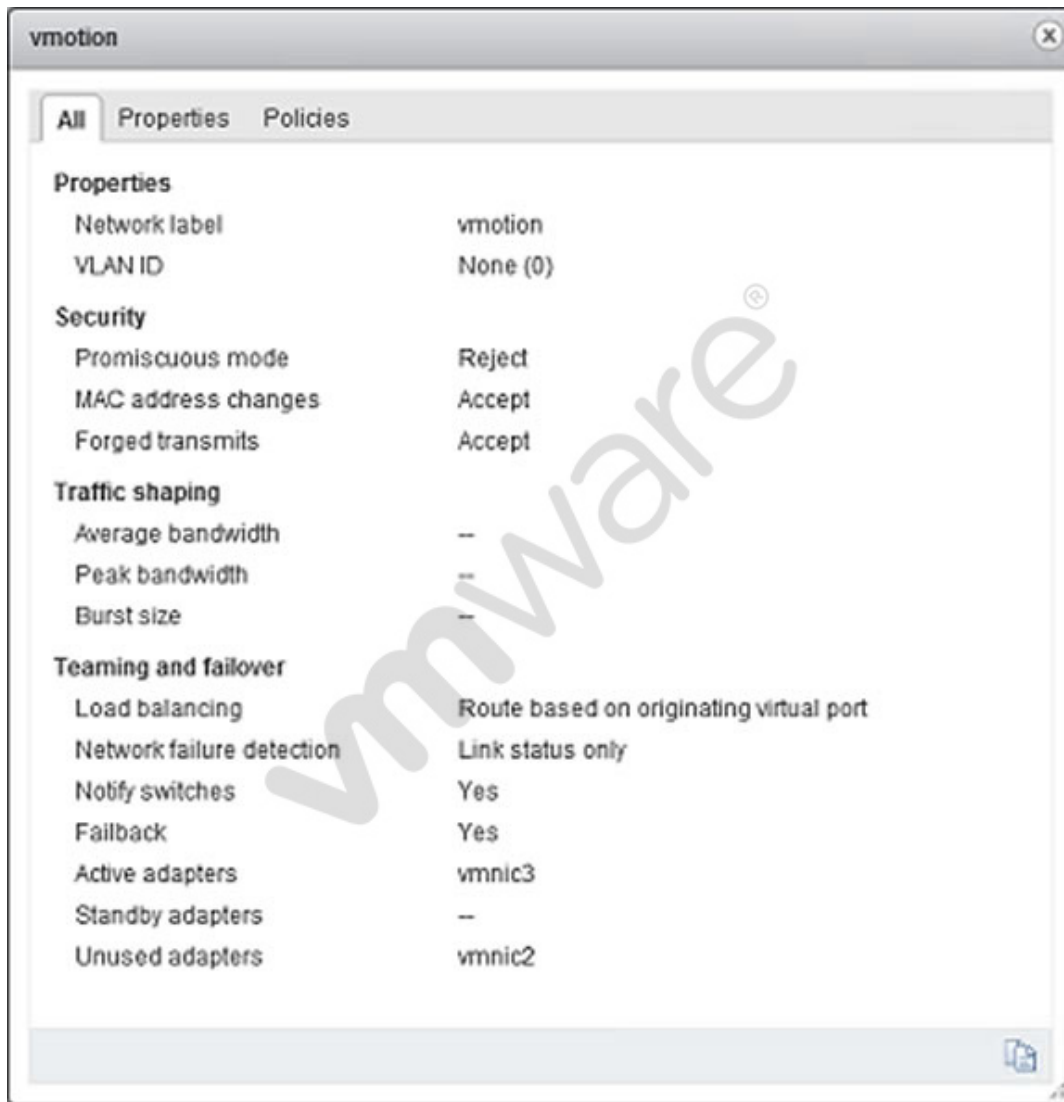
- A. The virtual machine will communicate on both uplinks
- B. The virtual machine will only communicate on vmnic1
- C. The virtual machine will only communicate on vmnic2
- D. The virtual machine will fail to communicate externally

**Answer: D**

**Question No : 19**

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.