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**Vendor:**VMware

**Exam Code:**2V0-620

**Exam Name:**vSphere 6 Foundations Beta

**Version:**Demo

### QUESTION 1

For security purposes, which two traffic types should be assigned to separate VMkernel adapters? (Choose two.)

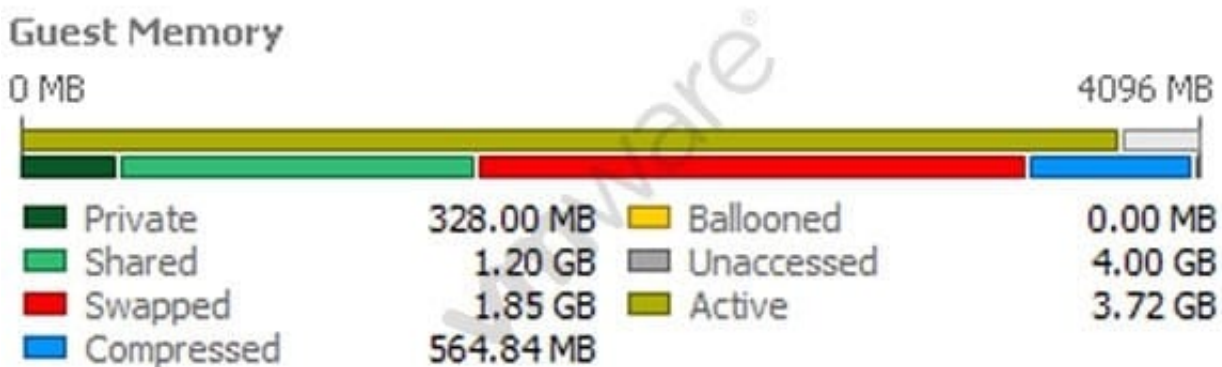
- A. Datastore heartbeat traffic
- B. Virtual SAN traffic
- C. Replication data traffic
- D. Virtual machine traffic

Correct Answer: BD

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### QUESTION 2

Refer to the 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.

Correct Answer: AB

One of the issue might be that the limit is imposed on the virtual memory of this VM. Secondly, the balloon driver has been uninstalled. That's why it is experiencing memory issues.

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### QUESTION 3

What is true regarding datastores on ESXi 6.x?

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

Correct Answer: A

VMs on NFS v4.1 support FT, as long as it is the new FT mechanism introduced in 6.0. VMs running on NFS v4.1 do not support the old, legacy FT mechanism.

In vSphere 6.0, the newer Fault Tolerance mechanism can accommodate symmetric multiprocessor (SMP) virtual machines with up to four vCPUs. Earlier versions of vSphere used a different technology for Fault Tolerance (now known as legacy FT), with different requirements and characteristics (including a limitation of single vCPUs for legacy FT VMs). Reference: <http://vsphere-land.com/news/nfs-4-1-support-in-vsphere-limitations-and-caveats.html>

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#### QUESTION 4

During a new vSphere Distributed Switch configuration, where does the Maximum Transmission Unit (MTU) value get modified?

- A. Uplink Settings
- B. Switch Settings
- C. Portgroup Settings
- D. NIC Teaming Settings

Correct Answer: B

You can modify MTU values in switch settings.

Reference: [https://kb.vmware.com/selfservice/microsites/search.do%3Flanguage%3Den\\_US%26cmd%3DdisplayKC%26externalId%3D1010557](https://kb.vmware.com/selfservice/microsites/search.do%3Flanguage%3Den_US%26cmd%3DdisplayKC%26externalId%3D1010557)

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#### QUESTION 5

Which two statements are correct when turning off a Distributed Resource Scheduler (DRS) Cluster? (Choose two.)

- A. The resource pool hierarchy of the DRS cluster is maintained.
- B. The resource pool hierarchy of the DRS cluster is removed.
- C. The affinity settings of the DRS cluster are removed and not maintained when DRS is re-enabled.
- D. The affinity settings of the DRS cluster are maintained when DRS is re-enabled.

Correct Answer: BC

When DRS is disabled, the cluster's resource pool hierarchy and affinity rules are not reestablished when DRS is turned back on. So if you disable DRS, the resource pools are removed from the cluster. Reference: <http://www.vladan.fr/vcp6-dcv-objective-9-2-configure-advanced-vsphere-drs-features/>

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### QUESTION 6

An administrator is given a bash script that retrieves data for ESXi 6.x host configurations. This data needs to be collected right after the installation of a host and must be run directly on the host.

Which two actions can be used to run this script on an ESXi host? (Choose two.)

- A. Connect to the host with Ruby vSphere Console and run the script from there.
- B. Enable SSH access from the Direct Console User Interface.
- C. Enable the ESXi Shell from the Direct Console User Interface.
- D. Run the script directly from the vSphere Web Client.

Correct Answer: BC

The Direct Console User Interface (DCUI) allows you to interact with the host locally using text-based menus. You can use the Direct Console User Interface to enable local and remote access to the ESXi Shell.

Reference: [https://pubs.vmware.com/vsphere-50/index.jsp?topic=%2Fcom.vmware.vsphere.security.doc\\_50%2FGUID-94F0C54F-05E3-4E16-8027-0280B9ED1009.html](https://pubs.vmware.com/vsphere-50/index.jsp?topic=%2Fcom.vmware.vsphere.security.doc_50%2FGUID-94F0C54F-05E3-4E16-8027-0280B9ED1009.html)

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### QUESTION 7

An administrator is troubleshooting basic network connectivity issues.

Which two scenarios are potential issues that this administrator might face? (Choose two.)

- A. The vSwitch is not attached to the correct physical network.
- B. The portgroup is not configured to use correct VLAN.
- C. Traffic shaping is configured incorrectly.
- D. Jumbo frames is configured incorrectly.

Correct Answer: AB

Common network connectivity issues can happen anytime during the operation. The vSwitch is not attached to the correct physical network or the portgroup is not configured to use correct VLAN might be some of the causes that admin has to face during network connectivity. Reference: <http://blogs.vmware.com/kb/2013/02/troubleshooting-network-teaming-problems-inesxesxi.html>

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### QUESTION 8

After selecting an object in vRealize Operations, how can a user compare the badge values of related child objects?

- A. Use the Scoreboard tab
- B. Use the Relationship tab
- C. Use the Members tab
- D. Use the Overview tab

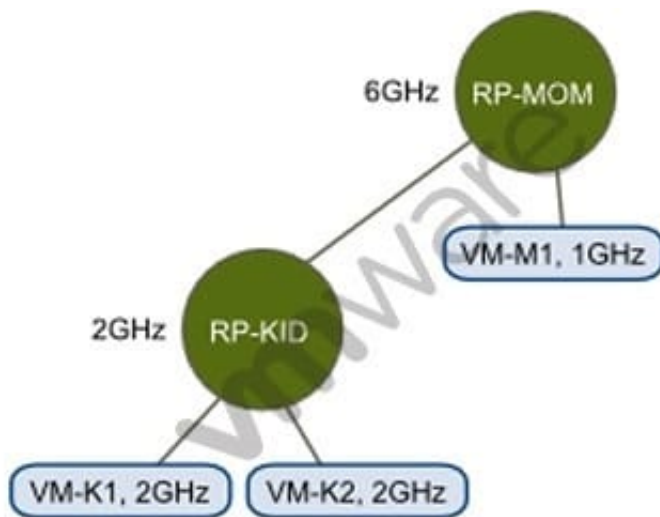
Correct Answer: A

Use scoreboard tab to compare the badge values of related child objects. Reference: <http://blogs.vmware.com/management/2014/08/david-davis-vcenter-operations-post-14capacity-analysis-virtual-machines.html>

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### QUESTION 9

Refer to the Exhibit.



An administrator has created the resource pool configuration shown in the Exhibit. Based on the exhibit, which virtual machine(s) can be successfully powered on?

- A. VM-M1 only
- B. VM-K1 only
- C. VM-K1 and VM-K2 only
- D. VM-K1, VM-K2, and VM-M1

Correct Answer: D

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### QUESTION 10

An administrator is virtualizing a physical application server and adding it to an existing multi-tiered vApp. The application license is currently tied to the physical NIC's MAC address, so the administrator needs to ensure the license will function properly in the virtual machine.

Which two actions can the administrator take to satisfy this task? (Choose two.)

- A. Set the MAC address for the vNIC in the guest operating system.
- B. Install the physical server's NIC into the ESXi host.
- C. Configure the MAC address for the vNIC using the vSphere Web Client.
- D. Assign the physical server NIC's MAC address in the vSphere Distributed Switch.

Correct Answer: AB

First set the MAC address for the vNIC in the guest operating system and install the physical server's NIC into the ESXi host. Reference: <http://rickardandersson.com/manual-mac-address-for-a-vmware-guest>

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### QUESTION 11

A vCenter Operations Manager 5.7 environment is upgraded to vRealize Operations. After the upgrade, the analytics services fail to start.

Which three steps must be taken to resolve the problem? (Choose three.)

- A. Take the vRealize Operations cluster offline.
- B. Delete the activity persistence files.
- C. Bring the cluster back online.
- D. Remove any unresponsive nodes.
- E. Stop the CaSA service.

Correct Answer: ABC

If the analytics failed to start, take the vRealize operations cluster offline, delete activity persistence files and bring the cluster back online to start the failed services. Reference: <https://www.vmware.com/support/vrops/doc/vrops-601-release-notes.html>

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### QUESTION 12

What is a benefit of using VMware Data Protection (VDP)?

- A. Provides support for guest-level backups and restores of Microsoft SQL Servers, Exchange Servers, and Share Point Servers.
- B. Provides support for advanced storage services including replication, encryption, deduplication, and compression.
- C. Provides direct access to VDP configuration integrated into the vSphere Client.
- D. Reduces disk space consumed by virtual machine data using deduplication.

Correct Answer: D

VDP reduces disk space consumed by virtual machine data using deduplication. Reference:  
<https://www.vmware.com/files/pdf/techpaper/Introduction-to-Data-Protection.pdf>