



2V0-621^{Q&As}

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QUESTION 1

An administrator is concerned about possible vCPU over-commitment for an ESXi 6.x host.

Which two Performance Counters should be reviewed in the vSphere Web Client Performance Charts to confirm if there is contention on the host? (Choose two.)

- A. Wait
- B. Ready
- C. Core Utilization
- D. Co-Stop

Correct Answer: BD

To check vCPU over commitment for an Esxi 6.0 host>>>>performance Tab>>>>Graph etc.

Ready - Amount of time the virtual machine was ready to run, waiting in a queue to be scheduled.

Co-Stop - Amount of time a SMP virtual machine was ready to run, but incurred delay due to co-vCPU scheduling contention.

These performance metrics can be reviewed using the Performance tab in the vSphere Client or using the

esxtop or resxtop command-line utilities. Choose the most appropriate method for your environment. Make note of the four metrics displayed. Each is measured in milliseconds https://kb.vmware.com/selfservice/microsites/search.do?language=en_US&cmd=displayKC&externalId=1017926

QUESTION 2

During a vCenter Server upgrade, an ESXi 6.x host in a High Availability (HA) cluster fails.

Which statement is true?

- A. HA will fail the virtual machines over to an available host during the vCenter Server upgrade process.
- B. HA is unavailable during the vCenter Server upgrade process.
- C. HA will fail the virtual machines over to an available host after the vCenter Server upgrade completes.
- D. HA will successfully vMotion the virtual machines during the host failure.

Correct Answer: A

During a vCenter Upgrade the VMware HA Agent on all of the ESXi hosts will be updated. ... it's very likely that the HA agent will fail to initialize the first time when the host restarts. During a vCenter Upgrade the VMware HA Agent on all of the ESXi hosts will be updated. After this happens the "require reboot" flag is set on the hosts, as explained in VMware KB 2034945.



QUESTION 3

An administrator is unable to upgrade a vCenter Server Appliance from version 5.1 Update 2 to version 6.0.

What is a likely reason for this?

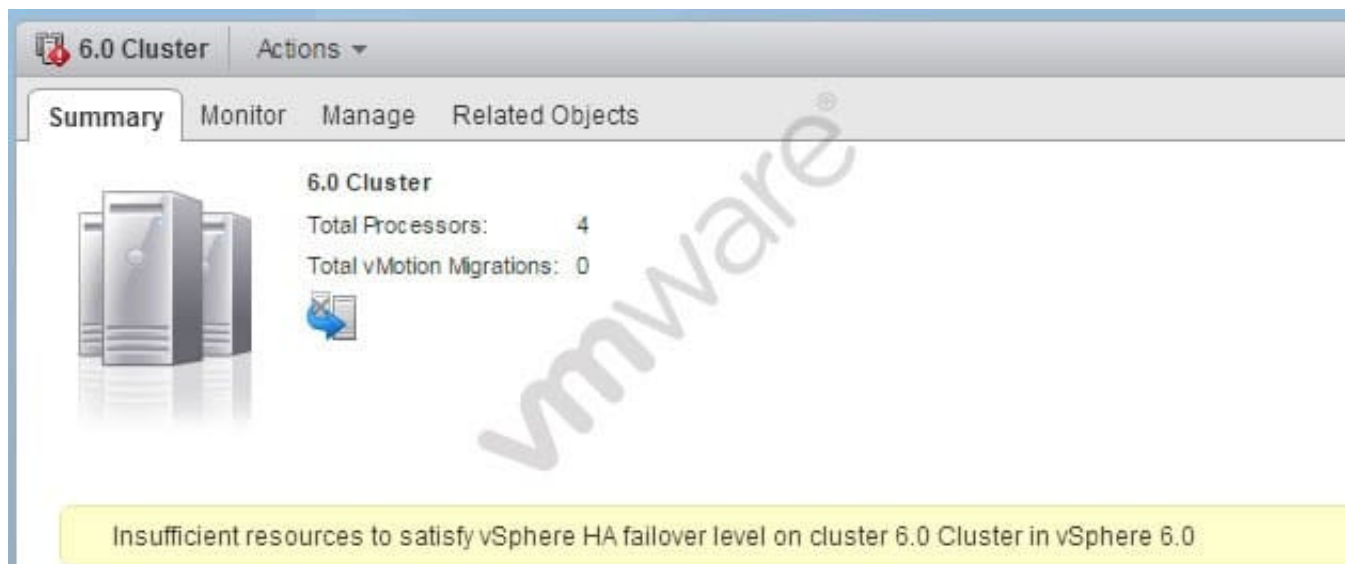
- A. vCenter Server Appliance 6.0 does not support upgrades from version 5.1 Update 2.
- B. vCenter Server Appliance must be joined to an Active Directory domain before upgrading to version 6.0.
- C. vCenter Server Appliance 5.1 Update 2 uses an incompatible database for upgrading to version 6.0.
- D. vCenter Server Appliance 6.0 must be upgraded using the vSphere Web Client.

Correct Answer: A

If your current vCenter Server Appliance version is earlier than 5.1 Update 3, you must upgrade to 5.1 Update 3 or later before upgrading to vCenter Server Appliance 6.0. Reference: <https://pubs.vmware.com/vsphere-60/index.jsp?topic=%2Fcom.vmware.vsphere.upgrade.doc%2FGUID66836F60-A095-4749-86C9-1DAFB5D21070.html>

QUESTION 4

Refer to the Exhibit.



An administrator receives an error on a vSphere cluster as shown in the Exhibit.

Based on the exhibit, which three configuration changes can resolve the error? (Choose three.)

- A. Change the Admission Control policy for the cluster.
- B. Adjust CPU and Memory reservations of the virtual machines.



- C. Increase the amount of failover resources in the cluster.
- D. Reconfigure the ESXi host cluster for High Availability.
- E. Disable Virtual Machine Monitoring.

Correct Answer: ABC

Explanation: A,BandC vSphere HA Admission Control vCenter Server uses admission control to ensure that sufficient resources are available in a cluster to provide failover protection and to ensure that virtual machine resource reservations are respected. Three types of admission control are available. Host Ensures that a host has sufficient resources to satisfy the reservations of all virtual machines running on it. Resource Pool Ensures that a resource pool has sufficient resources to satisfy the reservations, shares, and limits of all virtual machines associated with it. vSphere HA Ensures that sufficient resources in the cluster are reserved for virtual machine recovery in the event of host failure. Link: https://pubs.vmware.com/vsphere-60/index.jsp#com.vmware.vsphere.avail.doc_50/GUID-53F6938C96E5-4F67-9A6E-479F5A894571.html

QUESTION 5

What are two ways to view the DNS settings for an ESXi 6.x host? (Choose two.)

- A. Use the vicfg-dns command from the vSphere Management Appliance.
- B. View the /etc/resolv.conf file on the ESXi host.
- C. Use vicfg-dns command on the ESXi host.
- D. View the /etc/dns.conf file on the ESXi host.

Correct Answer: AB

Explanation: To verify that the DNS information in /etc/resolv.conf is correct for your environment, run the command:

```
[root@server root]# cat /etc/resolv.conf
```

Run vicfg-dns without command-specific options to display DNS properties for the specified server.

vicfg-dns

The information includes the host name, domain name, DHCP setting (true or false), and DNS servers on the ESXi host.

Reference: https://pubs.vmware.com/vsphere-51/index.jsp?topic=%2Fcom.vmware.vcli.examples.doc%2Fcli_manage_networks.11.8.html

[https://kb.vmware.com/selfservice/microsites/search.do?](https://kb.vmware.com/selfservice/microsites/search.do?language=en_US&cmd=displayKCa&externalId=1003796)

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