

# VCP-510<sup>Q&As</sup>

VMware Certified Professional on VSphere 5

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### **QUESTION 1**

vCenter reports a connectivity problem with a ESXi 5.x host that is not a member of a cluster. An administrator attempts to connect directly to the host using the vSphere Client but fails with the message "An unknown connection error

occurred."

Virtual machines running on the host appear to be running and report no problem. What two methods would likely resolve the issue without affecting the virtual machines? (Choose two.)

- A. Enter the service mgmt-vmware restart command from either SSH or local CLI
- B. Select Restart Management Agents in the Direct Console User Interface (DCUI)
- C. Select Reboot Host in the Direct Console User Interface (DCUI)
- D. Enter the services.sh restart command from either SSH or the local CLI

Correct Answer: BD

#### **QUESTION 2**

When cloning a virtual machine to a template, what two attributes from the list below can be changed for the destination virtual disk? (Choose two.)

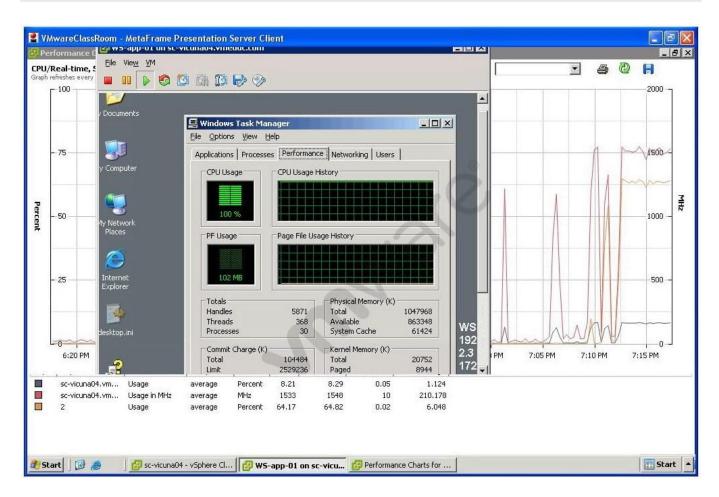
- A. Virtual disk format
- B. Number of network adaptors
- C. IP Address
- D. Location for virtual machine files

Correct Answer: AD

#### **QUESTION 3**

Click the Exhibit button. An administrator has deployed a new virtual machine on an ESXi 5.x host. Users are complaining of poor performance on the application running on the virtual machine. Performance tools display the results shown in the exhibit. Which two tasks might improve the user experience? (Choose two.)

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- A. Add a vCPU to the virtual machine
- B. Remove CPU affinity on the advanced CPU setting of the virtual machine
- C. Migrate the virtual machine to another ESXi host
- D. Remove the limit on the CPU settings of the virtual machine

Correct Answer: AD

# **QUESTION 4**

An administrator is configuring Storage DRS in their environment. The Datastore cluster is composed of 4 VMFS3 volumes and 9 VMFS5 volumes.

Storage DRS has been enabled, but is showing as disabled on several virtual machine disks in the datastore cluster.

Which two conditions would cause this error to occur? (Choose two.)

- A. The virtual machine is stored on a VMFS 3 volume.
- B. One or more virtual machines have Persistent disks.
- C. The virtual machine is stored on a NFS datastore.



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D. The virtual machine is stored on a datastore with a 2mb block size.

Correct Answer: AB

#### **QUESTION 5**

Which two circumstances would prevent the option of joining a Linked Mode group during vCenter Server installation? (Choose two).

- A. An administrator is installing the first of the vCenter Server instances.
- B. An administrator installed vCenter Server instances using different domain accounts.
- C. An administrator has vCenter Server instances in multiple domains
- D. An administrator is upgrading a VirtualCenter Server installation.

Correct Answer: AD

#### **QUESTION 6**

While performing a security check the vSphere administrator finds unassigned AD accounts with vSphere permissions. If the accounts are removed from Active Directory what will happen to any user logged into vCenter with those accounts?

- A. The vSphere client warns the user they will be logged out in 1 hour.
- B. The user can remain logged in indefinitely.
- C. The user is immediately disconnected from vCenter Server and cannot log back in.
- D. The user can remain logged into vCenter for up to 24 hours.

Correct Answer: D

#### **QUESTION 7**

Click the Exhibit Button. The information shown in the exhibit must be configured to support which cluster feature?

Isername:	VMEDUC\seal01a
assword:	*****
MC IP Address:	192 , 168 , 211 , 21
BMC MAC Address:	00:1F:29:68:fd:20
	e.g. 00:15:c5:87:9e:4e
	e.g. 00:15:c5:87:9e:4e

A. HA

B. DPM

C. DRS

D. EVC

Correct Answer: B

# **QUESTION 8**

Which is an important benefit provided by VLANs?

A. Reduced hardware requirements

B. Increased broadcast traffic

C. Fault tolerance

D. Increased security on a network segment

Correct Answer: A

# **QUESTION 9**

An administrator is configuring admission control settings for a vSphere HA cluster. The administrator selects the option Allow VMs to Be Powered on Even if They Violate Availability Constraints. Which two events occur during an ESXi host failure? (Choose two.)

A. Virtual machines with a High restart priority are restarted first.

B. Virtual machines with a Low restart priority are not restarted.



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- C. HA will not restart virtual machines configured for FT.
- D. Virtual machines with VM Monitoring set to Enabled are restarted.

Correct Answer: AC

#### **QUESTION 10**

An administrator has configured a vSphere Distributed Switch to send all network traffic to a collector virtual machine for analysis.

However, after checking the collector virtual machine several hours later the administrator finds that no data has been collected. vSphere 5.x has been deployed in the datacenter. Which two items below could be causing this issue? (Choose

two.)

- A. The source virtual machine does not have Promiscuous Mode enabled.
- B. The source and target virtual machines are not both on the same vSphere Distributed Switch.
- C. The port group or distributed does not have Promiscuous Mode enabled.
- D. The port group or distributed port does not have NetFlow enabled.

Correct Answer: BD

#### **QUESTION 11**

An administrator is creating a virtual machine that will be running Windows 2008 Enterprise (64- bit). The application to be installed in the virtual machine requires eight vCPUs to run effectively. During installation, the only available options are one, two, three, or four vCPUs. What condition explains the available vCPU selections?

- A. The virtual machine hardware version is 8.
- B. The guest operating system for the virtual machine is 64-bit.
- C. The ESXi host has two non hyperthreaded dual-core CPUs.
- D. The ESXi host has two hyperthreaded dual-core CPUs.

Correct Answer: C

# **QUESTION 12**

ACME Junkmail Incorporated has been utilizing templates in their environment. They are running a 10-node ESXi 5.x Cluster and DRS has not been configured. Several virtual machines have been deployed from this template and successfully powered on, but a newly deployed virtual machine will not power on. There appears to be adequate CPU and Memory resources available on the host. Which three things can be done to allow more virtual machines to be deployed into the cluster from this template? (Choose three.)



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- A. Select a different datastore for the virtual machines
- B. Move the swap file to a different location
- C. Deploy the virtual machines to a different host using the same datastore
- D. Enable DRS on the cluster to balance the virtual machines load out across hosts
- E. Increase the virtual machine memory reservation

Correct Answer: ABE

#### **QUESTION 13**

Which of the following ports is not required by vCenter Server?

- A. 80
- B. 902
- C. 25
- D. 443

Correct Answer: C

#### **QUESTION 14**

Which two statements are true about VLANs and port groups defined on a vSphere Standard Switch? (Choose two.)

- A. A VLAN can be accessed by the entire virtual switch or individual port groups.
- B. Multiple port groups are restricted from accessing the same VLAN.
- C. VLANs can be configured only on individual port groups.
- D. Multiple VLANs can be accessed by virtual machines connected to one port group.

Correct Answer: AD

#### **QUESTION 15**

An administrator is editing the IP allocation policy for a vApp. Which three options are available? (Choose three.)

- A. Automatic
- B. Roaming
- C. Transient
- D. DHCP



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E. Fixed

Correct Answer: CDE

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