

VCP5-DCV^{Q&As}

VMware Certified Professional 5 – Data Center Virtualization
(VCP5-DCV) Exam

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QUESTION 1

What are three true statements about quiescing virtual machine snapshots? (Choose three.)

- A. vSphere snapshot quiescing only occurs on Windows guest OSes.
- B. The quiescing operation is automatic with any snapshot.
- C. The quiescing operation varies by guest OS.
- D. Quiescing should occur before array-based snapshots to ensure consistency.
- E. VMware Tools is required for quiescing to be successful.

Correct Answer: CDE

Reference: <http://networkdojo.net/2012/07/19/snapshot-quiesce/>

QUESTION 2

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

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

Correct Answer: AD

Reference: http://www.vmware.com/files/pdf/virtual_networking_concepts.pdf (page 6, see port groups)

QUESTION 3

What are three valid subprofile configurations that can be edited with the Host Profile editor? (Choose three.)

- A. Cluster
- B. Date and Time
- C. Networking
- D. Security
- E. Licensing

Correct Answer: BCD

Reference: <http://pubs.vmware.com/vsphere-50/index.jsp?topic= %>

2Fcom.vmware.vsphere.hostprofiles.doc_50%2FGUID-DA01F834-A8E3-4CE0-9E45-088387F438EB.html

QUESTION 4

A VMware administrator determines that the active memory on an ESXi 5.x host is 20% and the consumed memory is 90%. How much host memory is available to virtual machines?

- A. 80%
- B. 10%
- C. 70%
- D. 20%

Correct Answer: A

QUESTION 5

An administrator is setting up vSphere Auto Deploy to deploy 25 ESXi 5.x hosts using the vCenter Server Virtual Appliance (vCSA). What would be considered best practices for Auto Deploy? (Choose three.)

- A. Enable vSphere HA on the cluster.
- B. Protect the vCenter server with Fault Tolerance.
- C. Install the Auto Deploy service on the VCSA.
- D. Include the vmware-fdm VIB in the image profile.
- E. Use PowerCLI to write a rule that assigns a custom image profile to the target hosts.

Correct Answer: ADE

Reference: [http://pubs.vmware.com/vsphere-50/index.jsp?topic= %2Fcom.vmware.vsphere.install.doc_50%2FGUID-980D9E38-633E-4557-9144- AC422FA239C5.html](http://pubs.vmware.com/vsphere-50/index.jsp?topic=%2Fcom.vmware.vsphere.install.doc_50%2FGUID-980D9E38-633E-4557-9144-AC422FA239C5.html)

QUESTION 6

Acme Disposal Services is a large company which has many administrators. For auditing purposes, each administrator must use a unique account to access ESXi Standard hosts. Which two actions satisfy this requirement and require the least amount of administrative effort? (Choose two.)

- A. Configure Authentication Services for Active Directory based authentication to the ESXi hosts
- B. Configure a unique root level account for each administrator using the vSphere Client
- C. Configure user accounts in a host profile, then apply the host profile to the ESXi hosts
- D. Configure Active Directory group ESX Admins with each administrator's AD account

Correct Answer: AD

Reference:

http://pubs.vmware.com/vsphere50/topic/com.vmware.wssdk.pg.doc_50/PG_Ch6_Authenticate_Authorize.8.3.html

QUESTION 7

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

Reference: http://www.vm-help.com/esx/esx3i/ESXi_restart_agents.php

QUESTION 8

An administrator is attempting to use Update Manager to patch a cluster of ESXi 5.x hosts. The administrator needs to stage the patches for a scheduled update after hours. When verifying the hosts after the scheduled upgrade, the

administrator determines that one of the hosts was not remediated and patches are not staged. The host is using PXE as its boot method.

What condition would cause this behavior?

- A. The host was rebooted prior to the scheduled remediation.
- B. Remediating PXE-booted hosts using Update Manager is unsupported.
- C. The user account used does NOT have the Remediate Hosts privilege.
- D. The RAMdisk on the host has insufficient capacity.

Correct Answer: A

QUESTION 9

An application administrator reports application slowness when loading the application's web portal. The virtual machine is currently connected to a vSphere Distributed Switch. The application owner requests information about the virtual machine's network traffic. Which feature of a vSphere Distributed Switch should the administrator use to gather the needed information?

- A. NetFlow
- B. Port Mirroring
- C. Network I/O Control
- D. Promiscuous Mode

Correct Answer: A

QUESTION 10

An administrator is enabling Enhanced vMotion Compatibility (EVC) in a DRS cluster. The administrator wants only hosts with the newest Intel processors added to the cluster. Which setting satisfies this requirement?

- A. The baseline with the most CPUs listed
- B. The baseline with the fewest CPUs listed
- C. Any baseline that contains Future Intel processors
- D. Create a new baseline and add only the latest processor family

Correct Answer: D

Create a new baseline with the latest processor family so that you can have hosts with newest Intel processors added to the cluster.

QUESTION 11

The vSphere administrator needs to migrate a virtual machine from one ESXi 5.5 host to another ESXi 5.5 host. The virtual machine has a virtual disk that is stored in local storage. Assuming only the vSphere Essentials licensing is in place, which technique should the administrator use to accomplish the migration?

- A. vMotion migration
- B. Cold migration
- C. Enhanced vMotion migration
- D. Storage vMotion migration

Correct Answer: B

QUESTION 12

Which component is the metering tool for vCloud administration?

- A. VMware vCenter Chargeback
- B. VMware vCloud Service Manager

- C. VMware vCloud Request Manager
- D. VMware vCloud Director

Correct Answer: A

VMware vCenter Chargeback Manager provides the metering capability to measure, analyze, and report on utilization and costs associated with VMware-based cloud infrastructures. It offers the ability to configure and associate various cost models with vCloud Director entities. The cost transparency enabled by vCenter Chargeback Manager allows cloud providers to validate and adjust financial models based on resource consumption.

QUESTION 13

Which conditions are true regarding an ESXi 5.x host placed into maintenance mode while a member of a DRS cluster? (Choose two.)

- A. If the DRS cluster is in partially automated mode and vMotion is configured, its virtual machines will be moved automatically to other hosts in the cluster.
- B. If the DRS cluster is in fully automated mode and vMotion is configured, its virtual machines will be moved automatically to other hosts in the cluster.
- C. If the DRS cluster is in partially automated mode and vMotion is configured, its virtual machines that have a high restart priority will be migrated to other hosts in the cluster.
- D. All the virtual machines on the host must be migrated or powered off before the ESXi host will complete entering maintenance mode.

Correct Answer: BD

Reference: <http://searchitchannel.techtarget.com/feature/Enabling-VMware-HA-DRS-Advanced-> (see `Configuring DRS\` vSphere-features

QUESTION 14

An administrator has configured a vSphere 5.5 test environment to evaluate the Virtual SAN feature using Automatic Mode Disk Groups. The administrator needs to disable the Virtual SAN cluster while preserving the virtual machines running on that cluster. The administrator has already installed a vSphere 5.5 Client on a Windows 7 desktop and also has access to the vSphere 5.5 Web Client. What should the administrator do to disable the Virtual SAN?

- A. Use Storage vMotion to migrate the virtual machines to another datastore then use the vSphere 5.5 Client to disable the Virtual SAN.
- B. Use Storage vMotion to migrate the virtual machines to another datastore then use the vSphere 5.5 Web Client to disable the Virtual SAN.
- C. Use the vSphere 5.5 Client to disable the Virtual SAN, which will automatically migrate the virtual machines via the Storage DRS feature.
- D. Use the vSphere 5.5 Web Client to disable the Virtual SAN, which will automatically migrate the virtual machines via the Storage DRS feature.

Correct Answer: B

QUESTION 15

A VMFS5 datastore shows several errors, which suggests file system corruption. Which tool could a vSphere administrator use to check the VMFS file system?

- A. vSphere On-disk Metadata Analyzer (VOMA)
- B. VMware Infrastructure Management Assistant (VIMA)
- C. vSphere Storage APIs for Storage Awareness (VASA)
- D. VMware vSphere Health Check Analyzer (VHCA)

Correct Answer: A

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