



VCP5-DCV^{Q&As}

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

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QUESTION 1

The VMware vCenter Server Appliance offers many features of the Windows application version. Which of the following features is only available on the Windows application version of vCenter?

- A. Host Profiles
- B. Template and clone customization
- C. Active Directory authentication
- D. Linked Mode

Correct Answer: D

Linked mode is available in Windows Application version of vCenter only in vcenter server 4.x. It is not available in vCenter Server 5.x

QUESTION 2

What are the three service offerings provided by a VMware-powered public cloud? (Choose three.)

- A. Committed
- B. Transient
- C. Dedicated
- D. Highly Elastic
- E. Basic

Correct Answer: ACE

Reference: <http://www.vmware.com/files/pdf/cloud/VMware-ServiceDef-Public-Cloud-11Q1-> (page 6, see service offerings) White-Paper.pdf

QUESTION 3

Which two VMware software components can be updated by Update Manager? (Choose two.)

- A. ESX 3.5
- B. Virtual Appliances
- C. vCenter Server
- D. Guest OS

Correct Answer: AB



Reference: <http://www.vmware.com/support/vsphere5/doc/vsphere-update-manager-51-release-notes.html>

QUESTION 4

Which two vSphere features can be used with virtual machines that are enabled for VMware Fault Tolerance? (Choose two.)

- A. EVC
- B. Storage vMotion
- C. RDMS in virtual compatibility mode
- D. VMware Virtual SMP

Correct Answer: AC

Reference: http://pubs.vmware.com/vsphere-4-esx-vcenter/index.jsp?topic=/com.vmware.vsphere.availability.doc_41/c_ft_interop_genlist.html

QUESTION 5

What two statements are true about Fibre Channel zoning? (Choose two.)

- A. Zones define paths to a Fibre Channel array
- B. Zones control access to LUNs on a Fibre Channel storage array
- C. Zones can be soft or hard
- D. Zones can be configured on an array or ESXi host

Correct Answer: AC

Reference: <http://pubs.vmware.com/vsphere-51/index.jsp?topic=%2Fcom.vmware.vsphere.storage.doc%2FGUID-E7818A5D-6BD7-4F51-B4BA-EF8F2D3A8357.html>

QUESTION 6

Which two actions can be scheduled through the Scheduled Task wizard in the vSphere Client? (Choose two.)

- A. Remove a host.
- B. Change the VM power state.
- C. Create a virtual machine.
- D. Revert to a snapshot of a virtual machine.

Correct Answer: BC



Reference: <http://pubs.vmware.com/vsphere-51/index.jsp?topic=%2Fcom.vmware.vsphere.vcenterhost.doc%2FGUID-F9DC9B18-625E-4ACB-AA3A-17BEB109A206.html>

QUESTION 7

The Typical option is selected while running the New Virtual Machine Wizard in the vSphere Client. Which three specific configuration options are included during virtual machine creation? (Choose three.)

- A. Datastore location
- B. Virtual machine version
- C. Number of vCPUs
- D. Storage DRS
- E. Virtual disk size

Correct Answer: ACE

Reference: <http://pubs.vmware.com/vsphere-50/topic/com.vmware.ICbase/PDF/vsphere-esxi-vcenter-server-50-virtual-machine-admin-guide.pdf>

QUESTION 8

A vSphere administrator is attempting to upgrade an ESXi host using vSphere Update Manager. The administrator has attached the baseline and remediated the host. Update Manager reports the remediation process has completed

successfully. However, upon inspection the host is not upgraded.

What is the most likely reason for this issue?

- A. The ESXi host has less than 10MB free in its /tmp directory.
- B. The user performing the upgrade has insufficient privileges.
- C. The Update Manager service has not been configured with root level access to the host.
- D. The baseline has been configured using an invalid ISO image.

Correct Answer: A

QUESTION 9

Which types of traffic can a VMkernel port be enabled to carry on a ESXi 5.x host? (Choose three.)

- A. NFS
- B. Fault Tolerant
- C. Management



D. iSCSI

E. vMotion

Correct Answer: BCE

Reference: <http://www.epubbud.com/read.php?g=8MVD69ZNandtocp=15>

QUESTION 10

Which type of port on a secondary private VLAN can communicate with promiscuous ports and other ports that share its VLAN tag?

A. Isolated

B. Promiscuous

C. Community

D. Trunked

Correct Answer: C

Reference: <http://pubs.vmware.com/vsphere-55/topic/com.vmware.ICbase/PDF/vsphere-esxi-vcenter-server-55-networking-guide.pdf>

QUESTION 11

A virtual machine, VM21, will be migrated between two ESXi 5.x hosts, labeled ESXi01 and ESXi02. Each host has two vSphere Standard Switches (vSS), configured as follows:

1.

vSwitch0 has a portgroup labeled Management and a portgroup labeled vMotion.

2.

The Management portgroup contains a vmkernel port tagged for management traffic.

3.

The vMotion portgroup contains a vmkernel port tagged for vMotion traffic.

4.

vSwitch0 on ESXi01 has a single uplink attached to the 10.1.20.0/24 network.

5.

vSwitch0 on ESXi02 has a single uplink attached to the 10.1.20.0/24 network.

6.



Each host has a vSwitch1 with a Production portgroup used by virtual machine traffic.

7.

Each vSwitch1 has an uplink attached to the 10.1.40.0/24 network.

What is true about migrating VM21 to the new host?

- A. vMotion would be supported in this configuration.
- B. Storage vMotion would not be supported in this configuration.
- C. vMotion would not be supported in this configuration.
- D. Storage vMotion would be supported if the storage device supports VAAI.

Correct Answer: A

As per the configuration shown in the question, vmotion will be supported without any problem.

QUESTION 12

A vSphere administrator determines that more metrics are available for viewing in the realtime view than are available in the daily view for a virtual machine. What is the reason for this discrepancy in the number of available metrics?

- A. The daily view does not contain all of the metrics that the realtime view does.
- B. The default vCenter statistics level is being used.
- C. A vCenter statistics level of 4 is being used.
- D. The daily view presents a different selection of metrics by default than presented by the realtime view.

Correct Answer: B

QUESTION 13

An administrator is using esxtop to troubleshoot a storage performance issue. Which parameter should the administrator check to monitor any storage-related vSphere overhead?

- A. DAVG
- B. KAVG
- C. GAVG
- D. CMDS

Correct Answer: B

QUESTION 14



A number of virtual machines in a vSphere 5.5 DRS cluster are connected to the same virtual switch port group. After several of these VMs are migrated to another host, an administrator notices that they have lost network connectivity. The

Events tab in vCenter Server shows this error message:

Failed to initialize ethernet0.

The vmkernel log file on the host running the affected VMs contains this message:

Can't connect device:\\port group name\\: Out of resources.

Which caused this issue?

- A. Network I/O Control was enabled.
- B. The DRS cluster containing the VMs was set to Fully Automated with the Migration Threshold set to Conservative.
- C. There were insufficient uplinks configured on the virtual switches.
- D. The virtual switch port allocation was changed from the default setting.

Correct Answer: D

QUESTION 15

What are three of the steps recalled patches automatically go through in vSphere Update Manager? (Choose three.)

- A. Hosts with recalled patches are placed maintenance mode.
- B. Hosts with recalled patches are remediated.
- C. The recalled patch binary is deleted from the repository.
- D. The recalled patch is flagged in the database.
- E. A notification is generated in the notification tab.

Correct Answer: CDE

Reference: <http://www.ipsure.com/blog/2012/vmware-vsphere-update-manager-vum-5-0-> (See the paragraph right after Figure 2) [configuration-and-remediation-of-esxi-5-host/](#)