

# VCP5-DCV<sup>Q&As</sup>

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

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## QUESTION 1

Which information can the administrator use to identify iSCSI nodes?

- A. MAC address
- B. IQN
- C. WWN
- D. LUN ID

Correct Answer: B

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## QUESTION 2

Which network settings are only available with vSphere Distributed Switches?

- A. Jumbo Frames
- B. PVLAN
- C. Load Balancing
- D. Promiscuous Mode

Correct Answer: B

Reference: [http://kb.vmware.com/selfservice/microsites/search.do?language=en\\_US&cmd=displayKC&externalId=1010691](http://kb.vmware.com/selfservice/microsites/search.do?language=en_US&cmd=displayKC&externalId=1010691)

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## QUESTION 3

Which VMware solution allows for the automated discovery and mapping of applications running over the VM infrastructure?

- A. VMware vCloud Director
- B. VMware vCenter Infrastructure Navigator
- C. VMware Service Manager
- D. VMware vSphere 5

Correct Answer: B

Reference: <http://www.vmware.com/products/datacenter-virtualization/vcenter-infrastructure-navigator/features.html>

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## QUESTION 4

During an upgrade, the ESXi 5.x installer finds an existing version of ESXi and a VMFS3 volume. No virtual machines exist on the host or VMFS3 volume. The requirement is to upgrade to VMFS5. Which option should be chosen to meet this requirement?

- A. Upgrade ESXi and preserve the VMFS datastore
- B. Install ESXi and preserve the VMFS datastore
- C. Install ESXi and overwrite the VMFS datastore
- D. Upgrade ESXi and overwrite the VMFS datastore

Correct Answer: C

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#### QUESTION 5

Which three services will continue to function when vCenter Server is unavailable? (Choose three.)

- A. Storage DRS
- B. Fault Tolerance (FT)
- C. vMotion
- D. Thin Provisioning
- E. High Availability

Correct Answer: BDE

Reference: <http://searchitchannel.techtarget.com/feature/Enabling-VMware-HA-DRS-Advanced-vSphere-features>

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#### QUESTION 6

An administrator is using Update Manager 5.x to update virtual appliances in a vSphere environment. The environment is using the vCenter Server Virtual Appliance (vCSA). What would cause the remediation to fail?

- A. Updating of the appliance can only be done if the vCenter Server Virtual Appliance (vCSA) has been put into Maintenance Mode.
- B. Remediation must be configured on the Appliance Administration page before use.
- C. Remediation of the vCenter Server Virtual Appliance (vCSA) with Update Manager is not supported.
- D. Remediation requires the hosts to be connected to vCenter using an IPv4 address.

Correct Answer: D

Update Manager 5.0 does not support virtual machine patch baselines. If a host is connected to vCenter Server by using an IPv6 address, you cannot scan and remediate virtual machines and virtual appliances that run on the host.

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**QUESTION 7**

Which two statements are true about shared storage capabilities on NFS datastores supported by ESXi 5.x? (Choose two.)

- A. You can create Fault Tolerant virtual machines
- B. You can mount up to 256 NFS datastores
- C. You can use VMware Storage APIs with all NFS datastores
- D. You can use Storage vMotion from a virtual-mode RDM

Correct Answer: AB

Reference: <http://www.vmware.com/pdf/vsphere5/r50/vsphere-50-configuration-maximums.pdf> (page 3, see storage maximums)

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**QUESTION 8**

What function does Enhanced vMotion Compatibility (EVC) provide?

- A. The ability to enable Fault Tolerance on virtual machines that are not members of a cluster.
- B. The ability to use vMotion to migrate virtual machines between ESXi hosts with different CPU vendors.
- C. The ability to replace manual CPU identification masks with an automated process managed by the cluster.
- D. The ability to use vMotion to migrate virtual machines between hosts with identical CPUs but different vSphere versions.

Correct Answer: B

Reference: [http://pubs.vmware.com/vsphere-51/index.jsp?topic= %2Fcom.vmware.vsphere.vcenterhost.doc%2FGUID-9F444D9B-44A0-4967-8C07- 693C6B40278A.html](http://pubs.vmware.com/vsphere-51/index.jsp?topic=%2Fcom.vmware.vsphere.vcenterhost.doc%2FGUID-9F444D9B-44A0-4967-8C07-693C6B40278A.html)

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**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>

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**QUESTION 10**

An administrator decides to use Data Recovery to back up some key virtual machines. What is the process to install Data Recovery?

- A. Download the executable from VMware.com and run from a machine with the vSphere Client installed.
- B. Use the vCenter Installer from the original vCenter media and select VMware Data Recovery
- C. Download the current OVF package from VMware.com onto a machine with the vSphere Client installed and use the Deploy OVF from Template option.
- D. Download the vmdk and vmx files from VMware.com and copy to a datastore. Right-click the vmx file and select Add to Inventory.

Correct Answer: C

Reference: <http://www.vmware.com/support/developer/ovf/ovf301/ovftool-301-userguide.pdf>

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**QUESTION 11**

An administrator using vCenter Operations Manager notices an increase in resource consumption by virtual machines over a period of time. The administrator needs to understand how adding more hosts or increasing resources in existing hosts will address the growing resource requirements of the virtual machines. Which vCenter Operations Manager feature can provide this information?

- A. Host or Cluster Capacity Optimization Report
- B. What-if Scenarios
- C. Density and Reclaimable Waste badges
- D. Virtual Machine Optimization Report

Correct Answer: B

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**QUESTION 12**

Which tool should an administrator use to modify vSphere Data Protection (VDP) backup jobs?

- A. vSphere Web Client
- B. vSphere Client using the VDP plugin
- C. VAMI on the VDP Appliance
- D. vSphere Management Appliance

Correct Answer: A

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**QUESTION 13**

A vSphere administrator is attempting to migrate a virtual machine, but the progress bar for the migration remains at 10%. Which issue could be preventing the vMotion migration?

- A. A networking problem between the source and destination hosts exists at the physical layer.
- B. The virtual machine is not on shared storage visible to the source and destination hosts.
- C. The vMotion migration priority for this migration was set to High.
- D. The vMotion network is saturated.

Correct Answer: A

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**QUESTION 14**

A user wants to receive an email notification when the virtual machine CPU usage enters a warning state and again when the condition enters a alarm state. Which two state changes must be selected to receive the appropriate notifications? (Choose two.)

- A. Yellow-red state change
- B. Red-green state change
- C. Yellow-green state change
- D. Green-yellow state change

Correct Answer: AD

Reference: [http://pubs.vmware.com/vsphere-4-esx-vcenter/index.jsp?topic=/com.vmware.vsphere.dcadmin.doc\\_41/vc\\_client\\_help/working\\_with\\_alarms/c\\_working\\_with\\_alarms.html](http://pubs.vmware.com/vsphere-4-esx-vcenter/index.jsp?topic=/com.vmware.vsphere.dcadmin.doc_41/vc_client_help/working_with_alarms/c_working_with_alarms.html)

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**QUESTION 15**

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>

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