# VMware

## Exam 2V0-621D

## VMware Certified Professional 6 – Data Center Virtualization Delta Beta Exam

**Verson: Demo**

**[ Total Questions:   10 ]**

# Topic break down

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**Topic 1, Configure and Administer vSphere Security**

**Question No : 1  - (Topic 1)**

An administrator is creating a new Content Library. It will subscribe to another remote Content Library without authentication enabled.

What information from the published library will they need in order to complete the subscription?

**A.** Subscription URL
**B.** A security password from the publishing Content Library
**C.** Publisher's Items.json file
**D.** Username from the publishing Content Library

**Answer: A**
**Explanation:**

Subscription URL from the published library is needed to complete the subscription.

**Topic 3, Configure and Administer Advanced vSphere Storage**

**Question No : 2  - (Topic 3)**

Which three statements are correct regarding Fibre Channel over Ethernet (FCOE)? (Choose three.)

**A.** The network switch must have Priority-based Flow Control (PFC) set to AUTO.
**B.** The network switch must have Priority-based Flow Control (PFC) set to ON.
**C.** Each port on the FCoE card must reside on the same vSwitch.
**D.** Each port on the FCoE card must reside on a separate vSwitch.
**E.** The ESXi host will require a reboot after moving an FCoE card to a different vSwitch.

**Answer: A,D,E**
Reference: https://pubs.vmware.com/vsphere-55/index.jsp?topic=%2Fcom.vmware.vsphere.storage.doc%2FGUID-6B49866F-7005-4099-84AC-4FB2A1A91F64.html

**Topic 4, Upgrade a vSphere Deployment**

**Question No : 3  - (Topic 4)**

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.

**Answer: A**

**Explanation:**

High availability is designed to fail over the virtual machines to another available host during the upgrade process.

**Question No : 4  - (Topic 4)**

Which two supported tools can be used to upgrade virtual machine hardware? (Choose two.)

**A.** vSphere Web Client
**B.** vSphere Update Manager
**C.** vmware-vmupgrade.exe
**D.** esxcli vm hardware upgrade

**Answer: A,B**

**Explanation:**

Vmware offers the following tools for upgrading virtual machines:

**vSphere Client**

Requires you to perform the virtual machine upgrade one step at a time, but does not require vSphere Update Manager.

**vSphere Update Manager**

Automates the process of upgrading and patching virtual machines, thereby ensuring that the steps occur in the correct order. You can use Update Manager to directly upgrade virtual machine hardware, Vmware Tools, and virtual appliances. You can also patch and update third-party software running on the virtual machines and virtual appliances.

Reference: https://pubs.vmware.com/vsphere-50/index.jsp?topic=%2Fcom.vmware.vsphere.upgrade.doc_50%2FGUID-EE77B0A9-F8FF-4785-BEAD-B6F04EE04492.html

## Topic 7, Troubleshoot a vSphere Deployment

### Question No : 5  - (Topic 7)

When attempting to place a datastore in Maintenance Mode, the task remains at 1%.

What are two potential causes for this? (Choose two.)

**A.** Storage DRS is disabled on one or more virtual machine(s) disk(s).
**B.** Storage DRS rules prevent migration recommendations for the disk.
**C.** Storage DRS datastores have insufficient space to accommodate failover.
**D.** Storage DRS provisioning network has been limited with I/O control policies.
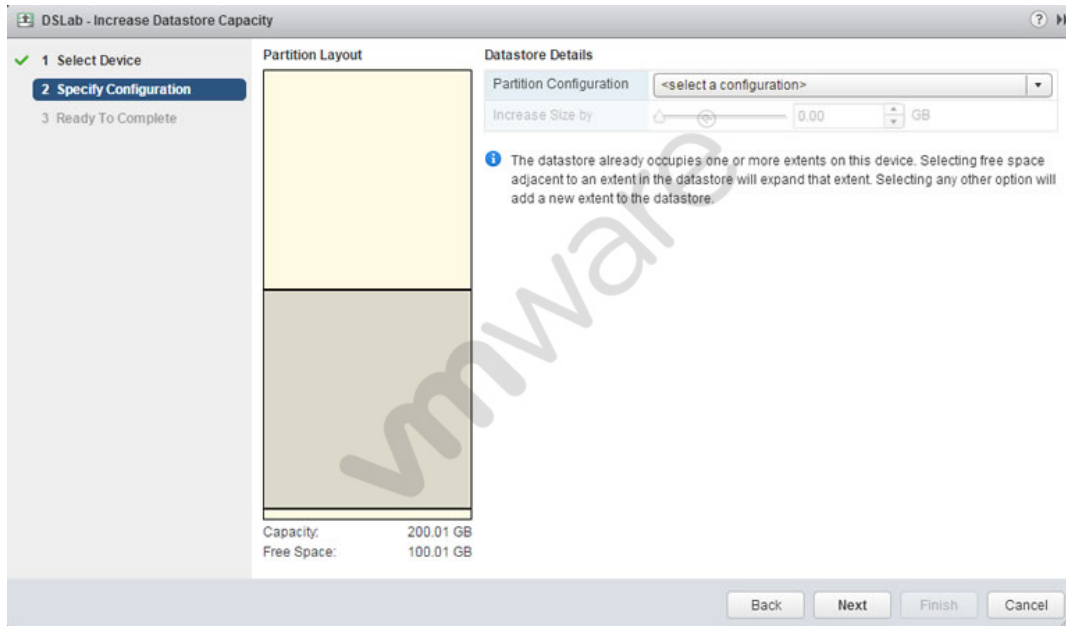
**Answer: A,B**

**Explanation:**

You place a datastore in maintenance mode when you must take it out of usage to service it. A datastore enters or leaves maintenance mode only as a result of a user request.

Reference: https://pubs.vmware.com/vsphere-51/index.jsp?topic=%2Fcom.vmware.vsphere.troubleshooting.doc%2FGUID-91D4FBBC-0677-44DA-B0F2-43A3504F8CA0.html

**Question No : 6 - (Topic 7)**

Refer to the Exhibit.



An administrator wants to increase the capacity of a VMFS5 datastore; but the Increase Size by slider is not available, as shown in the Exhibit.

How should the administrator resolve this problem?

**A.** Select a valid partition configuration from the drop-down menu.
**B.** Use fdisk utility to manually resize the partition.
**C.** Use the mouse to resize the partition indicated in the Partition Layout.
**D.** Clicking Next will prompt for available usable space.

**Answer: A**

**Explanation:**

To increase the capacity of VMFS5 datastore, you can select the drop down menu on the right panel and select a partition configuration that can help increase the capacity.

**Topic 9, Configure and Administer vSphere Availability Solutions**

**Question No : 7 - (Topic 9)**

Which two features are available for virtual machines configured with DirectPath I/O? (Choose two.)

**A.** Fault Tolerance
**B.** Suspend and Resume
**C.** Virtual Symmetric Multi-Processing (vSMP)
**D.** Virtual Non-Uniform Memory Access (vNUMA)

**Answer: C,D**

**Explanation:**

VMs configured with DirectPath I/O have vSMP and vNUMA.

**Question No : 8 - (Topic 9)**

An administrator tries to capture network traffic for a virtual machine, but cannot see the expected traffic in the packet capture tool.

Which step can resolve the problem?

**A.** Migrate the virtual machine to a Distributed Virtual Switch.
**B.** Enable Promiscuous Mode on the relevant port group.
**C.** Modify the default value of MAC Address changes.
**D.** Enable Forged Transmits on the virtual machine.

**Answer: B**

**Explanation:**

Although it is not a good practice to enable promiscuous mode on a distributed virtual switch, you can enable it to solve the problem of traffic stats in packet capture tool.

**Topic 11, Mixed Questions**

### Question No : 9 - (Topic 11)

An administrator is building a large virtual machine that will require as many vCPUs as the host can support. An ESXi 6.x host has these specifications:

• Four 24-core Intel Xeon Processors

• 256 GB of Memory

• 512 GB Local disk space using VMFS5

What is the maximum number of virtual CPUs that the virtual machine can be allocated?

**A.** 64
**B.** 96
**C.** 128
**D.** 192

**Answer: B**

### Question No : 10 - (Topic 11)

An administrator wants to clone the configuration of an existing ESXi 6.x host to a new group of hosts, but does not want to clone storage specific settings.

Which action would accomplish this?

**A.** Uncheck sub-profile
**B.** Remove sub-profile
**C.** Revert profile
**D.** Disable VM Storage Profile

**Answer: B**