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

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Topic 1, VCP510 (Vsphere 5.0/5.1)

QUESTION NO: 1

Which VMware solution uses the security of a vSphere implementation and provides linked-clone technology to virtual desktops?

- A. VMware ACE
- B. VMware View
- C. VMware Workstation
- D. VMware ThinApp

Answer: B

Explanation:

Reference:<http://www.vmware.com/files/pdf/VMware-View-4-Composer-DS-EN.pdf>(page 1, last paragraph)

QUESTION NO: 2

An administrator has recently upgraded their Update Manager infrastructure to vSphere 5.x. Several hosts and virtual machines have not been upgraded yet.

Which vSphere component when upgraded will have the least impact to the existing environment?

- A. Virtual Machine Hardware
- B. ESX Hosts
- C. VMFS datastores
- D. VMware Tools

Answer: D

Explanation:

VMware Tools isn't a single application but a set of drivers, services and user processes that's installed in a guest operating system. They add a wide assortment of functionality to VMware infrastructures -- everything from improving color depth and video resolution in the vSphere Client to memory optimization.

Typically, an outdated version of VMware Tools doesn't have an immediate impact. But with every update to vSphere, you'll likely have to update VMware Tools on every virtual machine.

QUESTION NO: 3

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.

Answer: D

Explanation:

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.

QUESTION NO: 4

An administrator is working to update the hosts and virtual machines in a vSphere 5.x deployment using Update Manager Baselines.

Other than host patches, which three items require a separate procedure or process to update? (Choose three.)

- A.** Operating system patches
- B.** Virtual Appliance updates
- C.** Virtual Machine Virtual Hardware upgrades
- D.** VMware Tools on machines without VMware Tools already installed
- E.** Application patches within the virtual machine

Answer: A,D,E

Explanation:

Operating system patches are related to operating system so they need a separate procedure altogether. Same is the case with VMware tools and applications patches because applications are stand alone pieces of code that need separate procedure to apply a patch.

QUESTION NO: 5

A series of Auto Deploy ESXi 5.x hosts, which utilize vSphere Standard Switches, are unable to boot. In prior testing, all of the hosts were able to boot successfully.

Which two conditions might cause this issue? (Choose two.)

- A. The Hosts are unable to connect to the SAN.
- B. The TFTP server is down.
- C. The DNS server is down.
- D. The DHCP server is down.

Answer: B,D

Explanation:

If the TFTP server is down, ESXi will not boot because it needs TFTP to get the information. Similarly, when DHCP is down, it will not assign the IP addresses and ESXi needs IP address to boot properly.

QUESTION NO: 6

An administrator wants to monitor the health status of an ESXi 5.x host. However, when the administrator clicks the Hardware Status tab the following error is displayed.

This program cannot display the webpage

What might cause this problem?

- A. The VMware VirtualCenter Management Webservices Service is not started.
- B. The required plug-in is not enabled.
- C. The VMware ESXi Management Webservices Service is not started
- D. The name of the vCenter Server system could not be resolved.

Answer: A

Explanation:

Verify that the VMware VirtualCenter Management Webservices service is running on the vCenter Server system. Navigate to the vCenter Server system in the inventory and select Monitor > Service Health. The page displays the following message if the VMware VirtualCenter Management Webservices service is not started.

Could not get vCenter Health status

If you see this error message, start the VMware VirtualCenter Management Webservices service.