Vendor: VMware

Exam Code: VCI510

Exam Name: VMware Certified Professional 5 - Data Center Virtualization for Instructors - Voucher Only

Version: DEMO

QUESTION 1
A company is planning an upgrade from vSphere 4.x to vSphere 5.
They currently have three dual CPU servers licensed for ESXi 4.1 Advanced
Each server has 256GB of RAM installed.

Their virtual machines are sized three ways.

Light. 1v CPU, 4GB RAM
Medium. 2v CPU, 8GB RAM
Heavy. 4 vCPU, 12GB RAM

The Production workload consists of.

20 Light servers
20 Medium servers
2 Heavy servers

The Development workload consists of.

10 Light servers
10 Medium servers

How will vSphere 5 licensing impact their upgrade? (Choose two.)

A. They will need to purchase additional ESXi licenses.
B. They will be able to reduce their power consumption.
C. They will be restricted from powering on additional virtual machines.
D. A license upgrade will be needed to add vCPUs to the Heavy servers.

Answer: BC
Explanation:
http://www.gabesvirtualworld.com/vsphere-5-licensing-with-vram-isn%E2%80%99t-that-bad-at-all/

QUESTION 2
What is a benefit of vCenter Linked-Mode?

A. Allows the vCenter Server Virtual Appliance (vCSA) to manage multiple sites
B. Pools vRAM entitlement
C. Increases vCenter security
D. Increases vCenter reliability

Answer: B
Explanation:
http://pubs.vmware.com/vsphere-
50/index.jsp?topic=%2Fcom.vmware.vsphere.vcenterhost.doc_50%2FGUID-EC40636E-0DD4-
4A17-B163-5CFBDC31666C.html

QUESTION 3
What virtual machine action listed below can be performed on a template?

A. Power on

B. Clone
C. Edit Settings
D. Migrate

Answer: B
Explanation:
http://robertparten.com/vmware-difference-between-clone-and-template/

QUESTION 4
Which two settings are required by the deployment wizard when installing the VMware vCenter Server Virtual Appliance (vCSA)? (Choose two.)

A. Number of CPUs
B. Datastore to install on
C. Linked-mode
D. Name of the vCenter server

Answer: BD
Explanation:
http://pubs.vmware.com/vsphere-51/index.jsp?topic=%2Fcom.vmware.vsphere.install.doc%2FGUID-25FCBA87-5D2F-4CB6-85D7-88899B4AC174.html

QUESTION 5
Which three modules are optional components that can be added from the vCenter Server installer? (Choose three.)

A. VMware vCenter Syslog Collector
B. VMware vCenter License Server
C. VMware vSphere Authentication Proxy
D. VMware vCenter Host Update Utility
E. VMware vSphere Auto Deploy

Answer: ACE
Explanation:
http://pubs.vmware.com/vsphere-50/index.jsp?topic=%2Fcom.vmware.vsphere.install.doc_50%2FGUID-78933728-7F02-43AF-ABD8-0BDCE10418A6.html (see optional components)

QUESTION 6
What are two prerequisites for installing the vCenter Server application? (Choose two.)

A. The system vCenter Server is installed on must be a physical machine.
B. A valid vSphere vCenter license must be obtained before installation.
C. vCenter must be in the same network as the hosts if supporting vSphere Storage Appliance Cluster.
D. The system vCenter Server is installed on cannot be a domain controller.

Answer: CD
Explanation:

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https://pubs.vmware.com/vsphere-4-esx-vcenter/index.jsp?topic=/com.vmware.vsphere.installclassic.doc_41/common/install/c_vc_pre.html

QUESTION 7
What are two valid use cases for vCenter Server Linked Mode? (Choose two.)

A. An administrator wants to migrate running virtual machines between vCenter Server instances.
B. An administrator wants to increase the vRAM entitlement pool.
C. An administrator wants to manage a virtual server environment and a View environment from the same pane of glass.
D. An administrator wants to search all inventory objects across multiple vCenter Server Virtual Appliance (vCSA) instances from one vSphere Client

Answer: BC
Explanation:
http://pubs.vmware.com/vsphere-50/topic/com.vmware.ICbase/PDF/vsphere-esxi-vcenter-server-50-host-management-guide.pdf (page 53)

QUESTION 8
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.

Answer: ADE
Explanation:
http://pubs.vmware.com/vsphere-50/index.jsp?topic=%2Fcom.vmware.vsphere.install.doc_50%2FGUID-980D9E38-633E-4557-9144-AC422FA239C5.html

QUESTION 9
Which tool defines the Image Profiles used with Auto Deploy?

A. The vSphere PowerCLI add-deployrule cmdlet
B. The vSphere PowerCLI new-deployrule cmdlet
C. The vSphere CLI add-deployrule command
D. The vSphere CLI new-deployrule command

Answer: B
Explanation:
http://www.vmware.com/files/pdf/techpaper/Whats-New-VMware-vSphere-50-Platform-Technical-Whitepaper.pdf (page 9, auto deploy rules engine)

QUESTION 10

An administrator plans to use an upgrade script to upgrade a number of ESXi 5.x hosts.
What options are available for the kickstart file? (Choose two.)

A.   dryrun - Parse and check script but does not install
B.   overwritevmfs - permits overwriting of existing VMFS volumes
C.   vcenter - specifies vCenter Server
D.   autodeploy - defines autodeploy options

Answer: AB
Explanation:
Reference:
http://kb.vmware.com/selfservice/microsites/search.do?language=en_US&cmd=displayKC&exter
nalId=2004582

QUESTION 11
An administrator has deployed a vCenter Server Appliance to manage a virtual environment.
The administrator has been asked to develop a plan for handling major upgrades to the
application.
What should be included in the upgrade plan?

A.   Utilize vCenter Configuration Manager to upgrade the vCenter Server in place
B.   Install a new vCenter Server and import the information from the existing vCenter Server
C.   Install a new vCenter Server over the existing vCenter Server as an in-place upgrade
D.   Utilize Update Manager to upgrade the vCenter Server in place

Answer: B

QUESTION 12
Which three configuration settings will be migrated when upgrading a host from ESX 4.x Classic
to ESXi 5.x? (Choose three.)

A.   The SSH configuration in /etc/ssh
B.   The host configuration in /etc/vmware/esx.conf
C.   The NFS configuration in /etc/fstab
D.   The services information in /etc/services
E.   The licensing information in /etc/licenses/license.conf

Answer: ABC
Explanation:
http://kb.vmware.com/selfservice/microsites/search.do?language=en_US&cmd=displayKC&exter
nalId=2005054

QUESTION 13
An administrator is upgrading an ESXi 3.5 host to ESXi 5.x with an intermediate upgrade to
4.0 using Update Manager. The host has a single Intel Xeon processor, 4GB of RAM, and a
VMFS datastore on a private, SAN-attached LUN. What might cause the upgrade to be
unsuccessful?

A.   The ESXi host has 4GB RAM.
B.   The ESXi host has one processor.

C. ESXi 3.5 is not supported for upgrade.
D. Update Manager cannot upgrade a previously upgraded host.

Answer: C
Explanation:
http://pubs.vmware.com/vsphere-
50/index.jsp?topic=%2Fcom.vmware.vsphere.upgrade.doc_50%2FGUID-AA106086-E10D-456E-
B0B9-340D3D1462C3.html

QUESTION 14
An administrator is performing an upgrade on an ESXi host.
Which step can be used to back up the host before the upgrade is performed?

A. Using the vSphere Client connected to vCenter, right-click the host and choose Host Backup.
B. Log into a vMA appliance and run vicfg-cfgbackup to save the ESXi host configuration.
C. Using the vSphere Client connected directly to the host, right-click the host and choose
    Host Backup.
D. Use PowerCLI to run the host-backup cmdlet to save the ESXi host configuration.

Answer: B
Explanation:
http://pubs.vmware.com/vsphere-50/topic/com.vmware.ICbase/PDF/vsphere-esxi-vcenter-server-
50-command-line-interface-solutions-and-examples-guide.pdf (page
22)

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