



**Vendor:** VMware

**Exam Code:** VCP-410

**Exam Name:** VMware Certified Professional on VI4

**Version:** DEMO

**QUESTION 1**

Which of the following functions cannot be performed remotely and must be performed from the ESXi Direct Console (Choose Three)?

- A. Configure DNS Settings
- B. Restart Management Agents
- C. Test the Management Network
- D. Restore a Standard Switch
- E. Configure a Static IP Address

**Answer:** BCD

**QUESTION 2**

vCenter Update Manager is capable of upgrading which of the following (Choose Three):

- A. vCenter
- B. Service Console
- C. Virtual Machine Hardware
- D. vSphere Client
- E. VMware Tools

**Answer:** BCE

**QUESTION 3**

When an explicit failover order has not been configured on a virtual switch with multiple uplinks, what determines which uplink is used when a failover event occurs?

- A. The first available uplink that reports a positive Link State
- B. The uplink with the shortest route
- C. The next available uplink on the list
- D. The reported uptime for the surviving uplinks

**Answer:** D

**QUESTION 4**

Beacon Probing is used in vSphere networking to:

- A. discover which uplink has the shortest route
- B. identify when an upstream link failure has occurred
- C. discover alternate default gateway addresses
- D. identify which uplink has the longest reported uptime

**Answer:** B

**QUESTION 5**

Which three are valid network load balancing policies for a vNetwork Distributed Switch (Choose Three)?

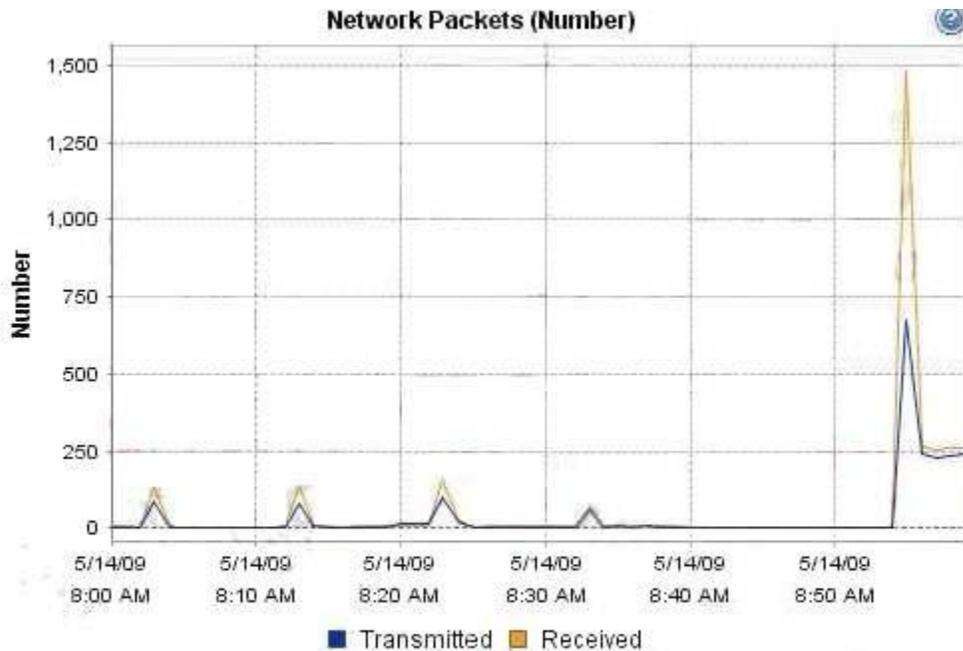
- A. route based on source IP hash

- B. route based on source MAC hash
- C. route based on source and destination MAC hash
- D. route based on explicit failover order
- E. route based on the originating virtual port ID

**Answer:** BDE

**QUESTION 6**

(Click the Exhibit button)



**Realtime Summary for 172.16.117.52 Virtual Machine(s)**

The graph shown in the exhibit indicates which of the following?

- A. Average amount of time SCSI reads and writes spend in the queue
- B. Average amount of time required to read and write from the Guest OS to the Virtual Machine virtual disk file
- C. Average amount of time spent by the VMkernel processing SCSI read and write commands
- D. Average amount of time spent reading and writing to the physical storage device

**Answer:** B

**QUESTION 7**

When you delete a VMFS datastore from an ESX Host, which of the following occurs?

- A. all hosts that were configured to use the datastore will no longer see the datastore and it is deleted from the storage device
- B. all hosts that were configured to use the datastore will no longer see the datastore, but it will remain on the storage device and can be remounted as needed
- C. the datastore will no longer be available to the host that it was deleted from, but all other hosts that

- were configured to use the datastore will remain connected
- D. only hosts in the same DRS/HA cluster no longer see the datastore, but it will remain on the storage device and can be remounted as needed

**Answer: A**

### QUESTION 8

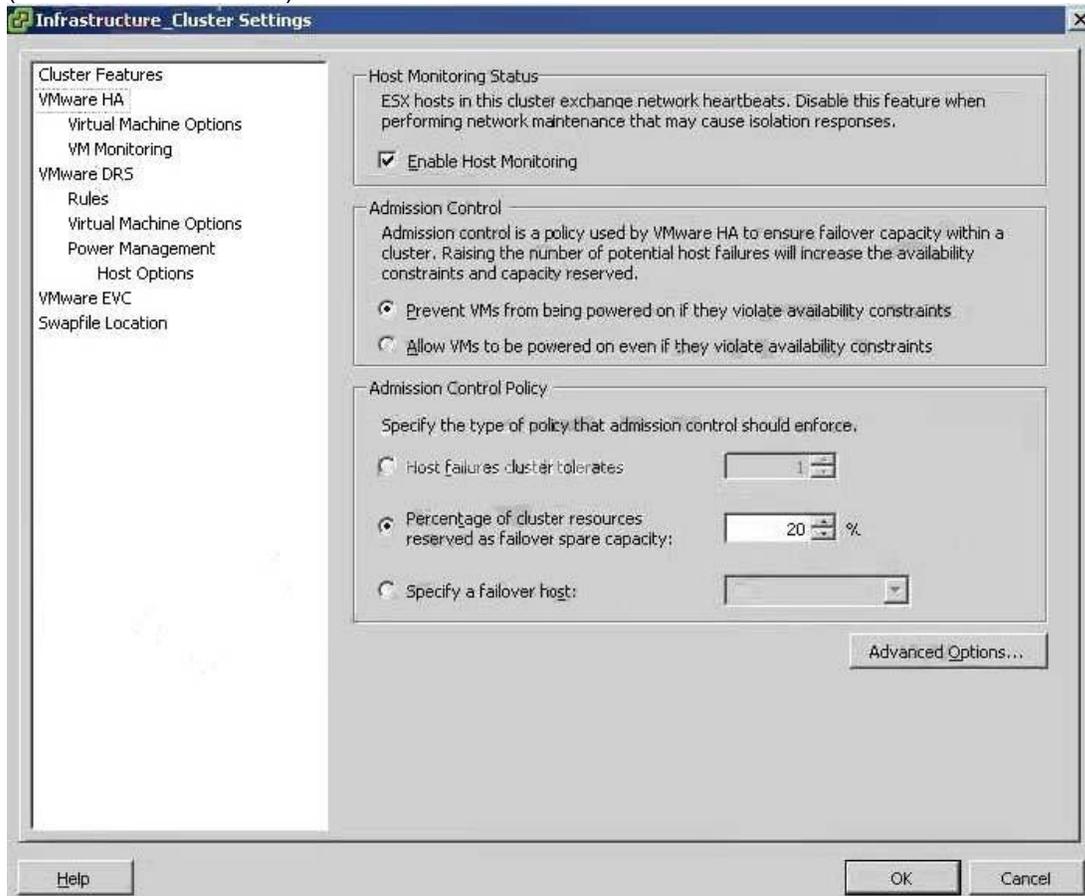
By default, VMware supports the following Path Selection Policies (Choose Three):

- A. Fixed
- B. MRU (Most recently used)
- C. Least Busy
- D. Round Robin
- E. Least I/O

**Answer: ABD**

### QUESTION 9

(Click the Exhibit button)



An administrator has a DRS/HA cluster with 5 ESX 4 Hosts. When trying to start a new web server Virtual Machine, an error is displayed saying insufficient resources exist for HA. Based on the HA configuration shown in the exhibit, how can this issue be resolved? (Choose Two)

- A. Add another server to the cluster.
- B. Allow virtual machines to be powered on even if they violate HA availability constraints.
- C. Change the percentage of resources to reserve to 30%.
- D. Specify one of the servers to be a failover host

**Answer: AB**

**QUESTION 10**

A VMFS datastore with several running virtual machines is nearing 100% capacity. An administrator intends to grow the datastore so that existing virtual machines will have room for re-sizing, thin provisioning and snapshots. Which action can be taken to provide additional capacity for these functions?

- A. Add an Extent to the existing Datastore from an ESX Host running the virtual machines in the datastore
- B. Add an Extent to the existing Datastore from the Datastore section in vCenter
- C. Use VMFS Volume Grow from an ESX Host running the virtual machines in the datastore
- D. Use VMFS Volume Grow from the Datastore section in vCenter

**Answer: C**

**QUESTION 11**

Click the Exhibit button.

Finance	
Summary	
<b>General</b>	
Number of virtual Machines:	1
Number of Running Virtual Machines:	0
Number of Child Resource Pools:	0
<b>Resources</b>	
CPU usage:	20 MHz
Memory usage:	57 MB
<b>CPU</b>	
Shares:	Normal (4000)
Reservation:	0 MHz
Type:	Expandable
Limit:	Unlimited
Unreserved:	9496 MHz
<b>Memory</b>	
Shares:	Normal (163840)
Reservation:	0 MB
Type:	Expandable
Limit:	Unlimited
Unreserved:	3009 MB
<b>Commands</b>	
<a href="#">New Virtual Machine</a> <a href="#">New Resource Pool</a> <a href="#">Edit Settings</a>	

Assuming this is the only virtual machine, and the only resource pool, what is the maximum amount of memory that could be configured for use by the virtual machine that is part of the Finance Resource Pool?

- A. 13375 MB less virtual machine overhead
- B. 57 MB less virtual machine overhead
- C. 3009 MB less virtual machine overhead
- D. 16384 MB less virtual machine overhead

**Answer:** D

**QUESTION 12**

Which of the following are prerequisites for installing vCenter Server (Choose Three)?

- A. The system vCenter is installed on can be in a workgroup or a domain
- B. The system vCenter is installed on must belong to a domain
- C. The system vCenter is installed on must be a physical server
- D. The system vCenter is installed on can be a virtual machine or physical server
- E. The system vCenter is installed on must have a Static IP address or be registered with DNS if using DHCP

**Answer:** BDE

**QUESTION 13**

vCenter Converter allows the following type of conversions (Choose Three):

- A. Disk Image to Virtual
- B. Virtual to Physical
- C. Virtual to Virtual
- D. Physical to Virtual
- E. Physical to Disk Image

**Answer:** ACD

**QUESTION 14**

The recommended maximum memory value displayed when configuring a VM represents:

- A. The threshold needed in order for the ESX Host to satisfy a reservation value
- B. The value that the OS vendor reports as being optimal for performance
- C. The maximum value the guest OS supports
- D. The threshold above which a host's physical memory is insufficient to run the virtual machine at optimal performance

**Answer:** D

**QUESTION 15**

An administrator is creating a VM that will be running Windows 2008 Enterprise (64-bit). The application to be installed in the VM requires 8 vCPUs to run effectively. During installation, the only available options are 1,2,3 or 4 vCPUs. Which of the following explains the available vCPU selections?

- A. The Virtual Machine Version is 7
- B. 8 vCPU support is only available for 32-bit guest OS VMs

- C. The ESX Host has 2 Intel dual-core CPUs
- D. The ESX Host has 2 AMD dual-core CPUs

**Answer: D**

**QUESTION 16**

When is the page file for a Windows guest OS or the swap partition for a Linux guest OS created?

- A. When the Virtual Machine is created
- B. When a Virtual Machine is first powered on
- C. When the Guest OS is installed on the Virtual Machine
- D. When a reservation is set for the Virtual Machine

**Answer: C**

**QUESTION 17**

What is the maximum number of characters that can be used when naming a vApp?

- A. 60
- B. 80
- C. 120
- D. 40

**Answer: B**

**QUESTION 18**

Which of the following are valid severity levels for host updates in vCenter Update Manager (Choose Three)?

- A. Important
- B. Security
- C. Critical
- D. Moderate
- E. General

**Answer: BCE**

**QUESTION 19**

Which of the following is a valid example of a vCenter Update Manager Orchestrated Upgrade?

- A. A virtual machine upgrade that upgrades VM hardware, VMware Tools and patches the guest OS all at once
- B. A virtual machine upgrade that upgrades VM hardware and VMware Tools in a staged manner with no VM downtime
- C. A host upgrade that upgrades multiple ESX/ESXi hosts in a staged manner with no Host downtime
- D. A host upgrade that upgrades and patches ESX hosts, preserving the existing Service Console and any added applications or components

**Answer: A**

**QUESTION 20**

vCenter Server is running within a virtual machine (VM) that is part of a VMware HA and DRS cluster. The vCenter Server VM can migrate between all hosts in the cluster by using VMotion. DRS is configured for partial automation. What happens if the ESX host that is currently running the vCenter Server VM experiences a power outage?

- A. VMware HA will restart the vCenter Server VM on another host
- B. vCenter Server will remain offline, but all virtual machines on the remaining hosts will continue without interruption
- C. This situation cannot occur because vCenter Server cannot be installed on a VMware HA cluster
- D. All DRS cluster operations will be unavailable until the failed ESX Host is brought back online

**Answer: A**

**QUESTION 21**

What is the maximum amount of logical processors that a vSphere Host can have?

- A. 8
- B. 32
- C. 64
- D. 18

**Answer: C**

**QUESTION 22**

An administrator is installing ESX 4.0 on a physical server. Which of the following components would need to be modified or replaced to support a successful installation?

- A. 4 Intel PRO 1000 Network Adapters
- B. 2 LSI Logic LSI7202XP-LC Fibre Channel HBAs
- C. 2 AMD Opteron CPUs
- D. 4GB RAM

**Answer: B**

**QUESTION 23**

Which of the following partitions is specific to ESXi 4.0?

- A. usr
- B. vmkcore
- C. scratch
- D. swap

**Answer: C**

**QUESTION 24**

ESX 4 Hosts will only run on;

- A. 32bit CPU's only
- B. 32bit and 64bit CPU's
- C. 64bit CPU's only
- D. Intel CPU's only

**Answer: C**

**QUESTION 25**

What is the recommended size for the /tmp partition?

- A. 256MB
- B. 512MB
- C. 1024MB
- D. 4096MB

**Answer: C**

**QUESTION 26**

If you want to test VMware vSphere before purchasing, what is the length of the Evaluation period available?

- A. 30 Days
- B. 60 Days
- C. 90 Days
- D. 2 Months

**Answer: B**

**QUESTION 27**

Under which of the following conditions would an administrator consider using the Boot from SAN option for the ESX Host (Choose Two)?

- A. When concern exists that contention might occur between the Service Console and the VMkernel
- B. When using Microsoft Cluster Service
- C. To easily replicate the Service Console to a remote site
- D. In diskless hardware configurations

**Answer: CD**

**QUESTION 28**

What is the size of a Virtual Machine .vswp file if defaults are taken for the VM reservations, limits, and shares?

- A. The VM .vswp file is equal to twice the amount of available memory configured for the VM when it was created
- B. The VM .vswp file is set to zero length when the VM is created and grows as necessary
- C. The VM .vswp file is equal to the amount of virtual memory (VM available memory plus VM overhead) configured for the VM when it was created

D. The VM .vswp file is equal to the amount of available memory configured for the VM when it was created

**Answer: D**

**QUESTION 29**

Installing additional software in the ESX Service Console is supported in which of the following instances:

- A. for hardware management support
- B. for improved utilization of the ESX host resources
- C. for graphical desktop access for administrative purposes
- D. for enhanced virus protection

**Answer: A**

**QUESTION 30**

Lead2pass.com decides to use a license server for a newly installed Virtual Infrastructure. The infrastructure consists of one vCenter server and two ESX Server hosts, each with two dual core CPUs. DRS, VMware HA and VMotion will be used on all hosts. How many license files need to be installed on the license server?

- A. 1
- B. 2
- C. 4
- D. 7
- E. 25

**Answer: A**