



VCP-310

(VMware Certified Professional on VI3)

Total Questions: 264

Last Updated: Dec 04, 2008

Document version: 8.27.11

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Question: 1

Which three statements are true about sharing storage capabilities on NFS volumes supported by ESX server? Select three.

- A. You can use VMotion
- B. You can create VMFS datastore on NFS mounted volumes.
- C. You can create virtual machines on NFS mounted volumes.
- D. You can boot virtual machines stored on NFS mounted volumes.
- E. You can configure ESX Server to boot from NFS mounted volumes.

Answer: A, C, D

Question: 2

Which statement is true about VirtualCenter and License Server?

- A. VirtualCenter cannot be installed without an operational License Server online.
- B. If deploying a License Server is not desirable, VirtualCenter can be installed using a host-based license file.
- C. The License Server must be installed during VirtualCenter installation and must always run on the same server as VirtualCenter.
- D. The License Server may be installed on a separate machine, but VirtualCenter requires a server-based license.

Answer: D

Explanation:

Per VC User Manual. - VirtualCenter server - Requires one license for each VirtualCenter Server. VirtualCenter Server licenses are perpetual. A license key is requested the first time VirtualCenter client connects to the VirtualCenter server, not during installation.

Question: 3

ESX 3.0 Server supports access to _____ LUNs during the initial installation process.

- A. 32
- B. 64
- C. 128
- D. 255
- E. 256

Answer: C

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Question: 4

What is the minimum configuration for a vCenter server?

- A. 512 MB RAM and 1 GB free disk space
- B. 2 GHz CPU
- C. 150 MB free disk space
- D. At least one Gigabit Ethernet network adapter

Answer: B

Explanation:

2 GHz CPU - The only correct answer is B.

Question: 5

Which two situations require a vCenter Server to be in HA mode? Select two.

- A. A guest OS fails
- B. An ESX Server in a vCenter Server cluster fails
- C. An ESX Server in a vCenter Server cluster is restarted
- D. An ESX Server in a vCenter Server cluster is upgraded

Answer: B, C

Explanation:

Per VI# ESX Resource Monitoring, vCenter Server supports shared resource pools for virtual machines. If HA is enabled, virtual machines are restarted on a different ESX Server after receiving no heartbeat for a specified period of time.

Question: 6

- A. 512 MB RAM
- B. 1 TB
- C. 2 TB
- D. 3.6 TB

Answer: C

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Question: 7

During the installation of ESX Server, you decide to manually define the partitioning scheme. Which two partitions are required?

- A. /boot = 512 MB
- B. Swap = 544 MB
- C. / = 2500 MB
- D. /usr = 2048 MB
- E. /etc = 1500 MB

Answer: B, C

Question: 8

What are three requirements for a cluster to be enabled for High Availability?

- A. name resolution
- B. identical type architecture
- C. access to shared storage
- D. access to the vCenter Server
- E. Private Gigabit Ethernet

Answer: A, C, D

Explanation:

Clusters Enabled for High Availability must reside on shared storage. The configuration files must reside on shared storage on any host in the cluster. All hosts must be able to access the same virtual machine files. The cluster must be able to resolve the host names. You can either set up DNS on the hosts or use the vCenter Server (discouraged).

Their configuration files must reside on the virtual machine files. The cluster must be able to resolve the host names. You can either set up DNS on the hosts or use the vCenter Server (discouraged).

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Which three are requirements for a cluster to be enabled for High Availability?

- A. HBA Failover occurs
- B. LUN has four paths.
- C. LUN is on an Active/Active array.
- D. Preferred Path is vmhba2:2:0.
- E. LUN is on an Active/Passive array.

Answer: A, B, E

Question: 10

How does ESX Server 3.x differ from VMware Server 1.x?

- A. ESX Server 3.x supports a distributed environment and VMware Server 1.x does not.
- B. ESX Server 3.x supports a distributed environment and VMware Server 1.x does not through a web-based interface and VMware Server 1.x does not.
- C. ESX Server 3.x supports a distributed environment and VMware Server 1.x does not through a web-based interface and VMware Server 1.x does not.
- D. ESX Server 3.x supports a distributed environment and VMware Server 1.x does not through a web-based interface and VMware Server 1.x does not.
- E. ESX Server 3.x supports a distributed environment and VMware Server 1.x does not through a web-based interface and VMware Server 1.x does not.

Answer: D

Explanation:

VMware Server does not support a distributed environment.

Question: 11

Which is a valid traffic measurement?

- A. average bandwidth
- B. average bandwidth
- C. maximum bandwidth
- D. maximum bandwidth
- E. Burst bandwidth

Answer: A

Explanation:

Only average bandwidth is a valid traffic measurement. The other options are not valid. Only average bandwidth is a valid traffic measurement. The other options are not valid. Only average bandwidth is a valid traffic measurement. The other options are not valid.

Question: 12

You work as an administrator at Company.com. Company.com decides to use a license server for a newly installed Virtual Infrastructure. The infrastructure consists of one VirtualCenter 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. 0

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- B. 1
- C. 2
- D. 3
- E. 4
- F. 5
- G. 6
- H. 7
- I. 13
- J. 25

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Answer: B

Explanation:

This is a Trick question. There are 4 license files for the VC server, and four license files need to be installed on the VC server. Start Guide: In license server, which makes the Server-based license file machine running the V Server\vmware.lic. To server.

from VMware (one for "How many license the license file. Quick centrally on a license Upgrade Guide: following location on the License ware license

Question: 13

What are two possible storage policies in ESX 3.0? Select two.,

- A. Most Recently Used
- B. Open Shortest Path Length
- C. Persistent Binding
- D. Fixed
- E. Dynamic Load Balancing

in an ESX Server

Explanation:

Per ESX SAN Configuration

Question: 14

Where is LUN masking configured? Select two.

- A. on the firewall
- B. on the Fibre Switch
- C. on the storage processor
- D. on the Ethernet switch
- E. on the host

Answer: C, E

Explanation:

Per ESX SAN Configura

Question: 15

What are two reasons for using ESX Server 3.x instead of ESX Server 1.x instead of ESX Server 2.x?

- A. ESX Server 3.x does not require a separate operating system.
- B. The company will be able to use ESX Server 3.x on projects.
- C. The company will be able to use ESX Server 3.x on projects.
- D. VMware Server 3.x does not require a separate operating system.
- E. VM Server 1.x and 2.x do not support load balancing.

server 1.x instead of

- A. ESX Server 3.x does not require a separate operating system.
- B. The company will be able to use ESX Server 3.x on projects.
- C. The company will be able to use ESX Server 3.x on projects.
- D. VMware Server 3.x does not require a separate operating system.
- E. VM Server 1.x and 2.x do not support load balancing.

Answer: A, D

Reference:

<http://www.vmware.com>

Question: 16

Which three tasks can be performed on a virtual machine?

- A. create a new virtual machine
- B. change the resource allocation
- C. create a new template
- D. modify assigned hardware
- E. add a port group

three.

Answer: A, B, C

Exp

Per VI3 Administration Guide, virtual machines, resource pools, and scheduled task privileges groups. ! Select resource, and permissions privileges groups. ! No privileges for resource, or performance privileges groups.

resource pool inventory objects. This includes resource pools, and scheduled task privileges groups. ! Select resource, and permissions privileges groups. ! No privileges for resource, or performance privileges groups.

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Question: 17

Disk shares managed

- A. the same ESX Server
- B. Different ESX Servers
- C. Different ESX Servers
- D. The same ESX Server

Answer: A

Explanation:

Per VI3 ESX SAN Guide
 Note that disk shares are managed on one ESX Server

priority virtual machines.
 es assigned to virtual
 ESX Server hosts.

Question: 18

**You work as a administrator
 CPU host with four
 How many new licenses**

- A. 0
- B. 2
- C. 4
- D. 8
- E. 12
- F. 16
- G. 32

to replaces one 8-
 er-based licensing.

Answer: A

Explanation:

Question: 19

Which security technique

- A. CHAP
- B. AES
- C. RIP
- D. IPSec
- E. PAP
- F. MSCHAPv2

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Answer: A

Question: 20

A standalone ESX Server has two virtual machines (VMs) labeled VMA and VMB. VMA has 1000 CPU shares and VMB has 2000 CPU shares. If the server's CPU resources are exhausted, how much CPU resources will VMB be granted?

- A. 33%
- B. 50%
- C. 90%
- D. 100%

virtual machines (VMs) labeled VMA and VMB. VMA has 1000 CPU shares and VMB has 2000 CPU shares. If the server's CPU resources are exhausted, how much CPU resources will VMB be granted?

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Answer: C

Question: 21

Which three are ESX permissions?

- A. Administrator
- B. Virtual Machine
- C. Read Only
- D. No Access
- E. Virtual Machine

Answer: A, C, D

Explanation:

Per VI3 Admin Guide p...