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Q&A

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Exam : **VCP-310**

Title : VMware Certified Professional on VI3

Version : DEMO

1. Which of the following files are part of a typical virtual machine?
Select 3 response(s).
A. Virtual Disk File (.vmdk)
B. Configuration File (.vmx)
C. VMotion Transfer File (.vmt)
D. Hardware File (.svr)
E. BIOS File (.nvram)
Answer: ABE

2. Which of the following products are part of the VMware Infrastructure 3 software suite?
Select 2 response(s).
A. VMware Virtual Desktop Manager
B. VMware Distributed Resource Scheduler
C. VMware Update Manager
D. VMware Site Recovery Manager
Answer: BC

3. A company decides to explore virtualization options for one of their departments. Their environment and requirements are:

1. The users should be able to create their own virtual machines
2. The users are running Windows XP on their desktops.
3. Several virtual machines will be set up for each user and they should be able to run them all at the same time.
4. The users will use the software to edit memory settings after the virtual machine is installed.
5. Virtual machine performance and high availability are more important than keeping costs low.
6. These machines WILL be run in production and WILL be used or managed remotely.

What is the correct solution based on these criteria?
Select the best response.
A. give the users VMware VirtualCenter Client 2.x and grant them permission to create virtual machines on an ESX Server 3.x, with access to all necessary operating system ISOs
B. give the users VMware Workstation 6.x and all necessary operating system CDs or ISOs
C. give the users VMware Server 2.x and all necessary operating system CDs or ISOs
D. give the users VMware Player 2.x and all necessary operating system CDs or ISOs
Answer: A

4. Which of the following is a benefit of ESX Server 3i over ESX Server?
Select the best response.
A. Increased Security and Reliability
B. Memory Overcommitment
C. Improved Fault Isolation
D. Dynamic Resource Allocation
Answer: A

5. How does ESX Server 3.x differ from VMware Server?
A. ESX Server 3.x supports 64-bit guest operating systems and VMware Server 2.x does not.
B. ESX Server 3.x supports VMware VirtualCenter and VMware Server 2.x does not.
C. ESX Server 3.x supports Intel Virtualization Technology (VT) and VMware Server 2.x does not.
D. ESX Server 3.x supports 4 processor Virtual SMP and VMware Server 2.x does not.
Answer: D

6. How does VMware Server 2 differ from ESX Server 3.5?
Select the best response.
A. VMware Server 2 supports legacy operating systems and ESX Server 3.5 does not.
B. VMware Server 2 enhances software development and testing and ESX Server 3.5 does not.
C. VMware Server 2 runs on a Linux host and ESX Server 3.5 does not.
D. VMware Server 2 supports up to 128 GB of RAM and ESX Server 3.5 does not.
Answer: C

7. How does ESX Server 3.5 differ from VMware Server 2?
Select the best response.
A. ESX Server 3.5 supports virtual machine clusters on the host server and VMware Server 2 does not.
B. ESX Server 3.5 accesses SAN storage and VMware Server 2 does not.
C. ESX Server 3.5 supports up to 128 GB of RAM and VMware Server 2 does not.
D. ESX Server 3.5 deploys a virtual machine from a template and VMware Server 2 does not.
Answer: D

8. What are two reasons why a company would choose to use ESX Server 3.x instead of using VMware Server 2? (Choose Two)
Select 2 response(s).
A. The company needs the ability to run dual-processor virtual machines.
B. VMware Server 2 does not support running virtual machines in a production environment.
C. The company wants the ability to use VMotion.
D. ESX Server 3.x offers better resource management and better performance.
Answer: CD

9. Which of the following are required for installing VMware Consolidated Backup? (Choose Two)
A. the server must be a physical machine
B. the operating system must be Windows
C. the server can be a physical or a virtual machine
D. the operating system can be Windows or Linux
Answer: BC

10. Which statement is true about VCB proxy?
Select the best response.
A. It must be set to assign Windows drive letters to prevent data corruption.
B. It must be set to prevent assignment of Windows drive letters to prevent data corruption.

C. When running under Linux, it has no concept of Windows drive letter mappings.
D. It assigns Windows drive letters to Raw Device Mapped LUNs that are assigned to Windows virtual machines.
Answer: B

11. What are two characteristics of VMware Consolidated Backup? (Choose Two)
A. LAN-free backups of virtual machines can be performed
B. A plugin integrates the VCB UI into VirtualCenter
C. Image-level backups of virtual machines can be performed
D. File-level backups of Windows and Linux virtual machines can be performed
Answer: AC

12. What is the advantage of installing backup client software in a Linux virtual machine's guest OS? Select the best response.
A. This configuration enables immediate booting from a restored virtual machine.
B. This configuration enables LAN-free backup.
C. This configuration enables ESX Server to do backup and restore operations.
D. This configuration enables individual files to be selected for backup or restore.
Answer: D

13. What are two advantages of VCB over conventional agent-based methods of backing up a virtual machine's (VM's) data? (Choose Two)
A. helps to eliminate the need for a backup window by using an online, snapshot-based backup
B. makes it possible to do both file-based and full-system backup of the same VM simultaneously
C. enables LAN-free backup and avoids undue overloading of the datacenter network
D. allows selection of files and directories from the guest file system of any VM
Answer: AC

14. For a cluster with two ESX hosts, one using Intel processors and other using AMD processors, which of the following statements is true? (Choose Two)
Select 2 response(s).
A. VMotion can move live VMs from one host to another
B. VMware DRS can load balance live VMs among hosts
C. Storage VMotion can move a virtual machine disk file from one storage device to another
D. VMware HA can failover VMS from one host to another in case of a host failure
Answer: CD

15. In configuring a VMware HA Cluster the System Administrator can configure Admission Control. There are two options: Do not power on Virtual Machines if they violate availability constraints, or Allow Virtual Machines to be powered on even if they violate availability constraints. If the System Administrator chooses the option "Do not power on Virtual Machines if they violate availability constraints" then which of the following apply? (Choose Two)
Select 2 response(s).
A. VMware HA enforces the failover capacity defined for the cluster.

B. Only Virtual Machines with a high restart priority will be restarted on surviving ESX hosts.
C. VMware HA restarts VM's on surviving host with the most unreserved capacity.
D. Virtual Machines running on failed ESX hosts will not be restarted on surviving ESX hosts.
Answer: AC

16. Which of the following situations will result in VMware HA restarting virtual machines? (Choose Two)
Select 2 response(s).
A. An ESX Server in the cluster becomes isolated from the network.
B. A guest OS is manually powered off.
C. A guest OS fails.
D. An ESX Server in the cluster is put into Maintenance mode.
Answer: AC

17. Which of the following conditions can prevent a virtual machine (VM) that is part of a VMware HA cluster from being powered on? (Choose Two)
Select 2 response(s).
A. Guaranteed admission control cannot allocate sufficient CPU reservation for the VM.
B. The VM has been configured with a virtual disk on local storage.
C. Strict admission control is configured and insufficient resources are available for the VM.
D. There is a mismatch in CPU capabilities between one or more HA cluster nodes.
Answer: BC

18. An ESX Administrator is configuring a VMware High Availability Cluster for three hosts and their resident VMs. The HA cluster will be configured to support a single host failure and resource considerations must be enforced during a failover event. To accomplish this task:
Select the best response.
A. Each host in the cluster must be able to accommodate the VM with the highest CPU limit value
B. There must be enough cluster resources based on memory and CPU reservations to account for any potential host failure
C. Each host in the cluster must be able to accommodate the VM with the largest configured available memory
D. All potential remaining hosts during a failure event must be able to accommodate the sum total of all VMs' available memory configurations
Answer: B

19. Which two conditions can cause a combined VMware DRS/HA cluster to change to a red status? (Choose Two)
Select 2 response(s).
A. The current failover capacity is smaller than the configured capacity.
B. All the primary hosts in the cluster are not responding.
C. A DRS-only host has been added to an HA cluster.
D. DRS is in the process of balancing resources among hosts in the cluster when an HA event occurs.
Answer: AB

20. Which of the following are requirements for a VMware HA cluster? (Choose Two)
A. a private Ethernet network for all hosts
B. access to shared storage from all hosts
C. access to the virtual machine networks from all hosts
D. identical type and quantity of CPUs in each host
Answer: BC