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# VCP-310

VMware Certified Professional on VI3

DEMO

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**QUESTION NO: 1**

How does ESX Server 3.x differ from VMware Server 2?

- A. ESX Server 3.x supports multiple processors in a virtual machine and VMware Server2 does not.
- B. ESX Server 3.x supports Intranet and application servers in a production environment and VMware Server 2 does not.
- C. ESX Server 3.x manages the virtualization server application remotely through a web-based interface and VMware Server 2 does not.
- D. ESX Server 3.x supports virtual switches with VLAN capabilities and VMware Server2 does not.
- E. ESX Server 3.x runs on top of Linux and VMware Server 2 does not.

**Answer: D**

**Explanation:**

VMware Server does not support VLAN

**QUESTION NO: 2**

What are two reasons why IT department .com would choose to use VMware Server 2.x instead of using ESX Server 3.x? Select two.

- A. ESX Server 3.x does not support the storage hardware the company wants to use.
- B. The company wants to utilize NIC teaming for network path failover and loadbalancing.
- C. The company wants to virtualize a large number of physical machines running legacy operating systems in their datacenter.
- D. VMware Server 2.x is a lower-cost solution for departmental virtualization projects.
- E. vm Server 2.x allows users to run the same number of virtual machines per CPU core as ESX Server 3.x does at the same performance levels at a lower cost.

**Answer: A,D**

**Explanation:**

Reference: <http://www.vmware.com/products/server>

**QUESTION NO: 3**

Which of the following most closely describes the purpose of ACE (the Assured Computing Environment)?

- A. ACE helps desktop managers provision secure, standardized PC environments throughout the enterprise.

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- B. ACE enhances system security for ESX Server by providing firewall protection for both virtual machines and the Service Console.
  - C. ACE enhances virtual infrastructure manageability by acting as a proxy between Virtual Center and the ESX and VMware Server systems under management.
  - D. ACE enhances reliability of the virtual infrastructure by providing hardware redundancy for ESX Server.

**Answer: A**

#### **QUESTION NO: 4**

All VMware virtualization products are based on the same underlying virtualization technology, but there are some differences among these products. Which one of the following statements is true?

- A. VMware Server and VMware Workstation both provide tools for remote management of virtual machines.
- B. Because it runs on the bare metal, ESX Server supports a narrower range of physical hardware than either Workstation or VMware Server.
- C. ESX Server supports more types of guest operating system than Workstation or VMware Server.
- D. Only ESX Server allows virtual machines to be configured with multiple virtual CPUs.

**Answer: B**

#### **QUESTION NO: 5**

64-bit CPUs are supported for VMotion in VirtualCenter 2.5

- A. only when migrating 32-bit Guest OSes.
- B. when migrating either 32-bit or 64-bit Guest OSes, so long as the Nxflag is hidden.
- C. when migrating either 32-bit or 64-bit Guest OSes, regardless of CPU compatibility
- D. when migrating either 32-bit or 64-bit Guest OSes, so long as the VMware CPU Compatibility Tool detects two compatible CPUs.

**Answer: D**

#### **QUESTION NO: 6**

What are two reasons why IT department .com would choose to use ESX Server 3.x instead of using VMware Server 2.0? (Choose two.)

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- A. VMware Server 2.0 does not support running virtual machines in a production environment.
  - B. ESX Server 3.x offers better resource management and better performance.
  - C. The company needs the ability to run dual-processor virtual machines.
  - D. ESX Server 3.x is a lower-cost solution for small software testing environments.
  - E. The company wants the ability to use VMotion.

**Answer: B,E**

**Explanation:**

ESX Server offers better performance because it does not require an underlying operating system such as Windows Server.

**QUESTION NO: 7**

Which statement is true about the database used for VirtualCenter evaluations?

- A. The VirtualCenter installer provides the option to automatically install and configure an MSDE database.
- B. MS Access may be used as an evaluation database, but it must be upgraded before VirtualCenter is used in a production environment.
- C. Evaluation licenses do not allow VirtualCenter to connect to a remote database.
- D. The optional MSDE database can only be used if installed prior to running the VirtualCenter installer.

**Answer: A**

**QUESTION NO: 8**

Under which condition does VMware support VirtualCenter with SQL Server using Windows authentication?

- A. as long as the SQL Server is installed on the same machine as VirtualCenter
- B. as long as the SQL Server is running on a physical machine
- C. as long as the connection between VirtualCenter and SQL Server is at least 1 Gbps.
- D. as long as the SQL Server is part of the same Active Directory domain

**Answer: D**

**QUESTION NO: 9**

How does VMware Server 2.0 differ from ESX Server 3.x?