



**Vmware**

# **VCP-101V**

*Infrastructure with ESX Server and VirtualCenter*

**Answer:** B

**Reference:**

Student Manual, Module 11, page 18

It will also show machines that are powered off, but have a connected Remote Console session.

**QUESTION:** 197

What program verifies users' credentials?

- A. VMware-mui
- B. VMware-authd
- C. VMware-serverd
- D. /usr/bin/VMware

**Answer:** B

**Reference:**

Student Manual, Module 11, page 14

**QUESTION:** 198

Choose the most accurate completion for this sentence.

VMware virtualization products are primarily intended to \_\_\_\_\_.

- A. Ease management and improve scalability.
- B. Improve performance and enhance security.
- C. Let users run VMs on different types of CPUs.
- D. Provide users with remote access to servers and workstations.

**Answer:** A

**QUESTION:** 199

When a VMware virtualization product runs on a specific CPU type, what type of CPU do guest OSes see?

- A. The same type of CPU, always at 1 GHz
- B. The same type of CPU, at its native clock speed
- C. Always an AMD Athlon XP+, at the native clock speed.
- D. Always an Intel Pentium III Xeon, at the native clock speed.

**Answer:** B

**Explanation:**

ESX does not "emulate" the CPU so in the VM you will see your real CPU (same family, same step, same clock). You may want to set CPU resources in the MUI as root user. While the VM is running go to the CPU TAB and set your Max for your VM. Max is a % so 100% for 1 CPU and 200 % for 2 CPU.

**QUESTION: 200**

Regardless of the make and model of the computer a VMware virtualization products runs on, what type of hardware do guests OSes see?

- A. A generic PC
- B. A PC with all devices displayed as type VMware Virtual Device
- C. Always an IBM xSeries server
- D. The same make and model of server as the physical hardware

**Answer: B**

**Reference:**

Student Manual, Module 3, page 5

**QUESTION: 201**

Suppose you configured a virtual machine with 1 GB of RAM. Which of these statements is true?

- A. A static, contiguous 1 GB region of physical RAM is now reserved for this VM.
- B. One gigabyte of physical RAM is statically reserved for this VM, but that gigabyte need not be contiguous.
- C. This virtual machine can use 1 GB of physical RAM in addition to its own virtual RAM.
- D. The virtual machine can use up to 1 GB of physical RAM.

**Answer: D**

**QUESTION: 202**

Ethernet-intensive applications are more likely than memory-intensive applications to decrease in performance when moved from a physical machine to a virtual machine (on identical host hardware).

- A. True
- B. False

**Answer: A**

**QUESTION: 203**

To run a given operating system as a guest inside a VMware virtual machine, start by obtaining the custom version of that operating system for VMware from the operating-system vendor.

- A. True
- B. False

**Answer: B**

**Explanation:**

Virtual machines use the same operating system software you would install on a traditional workstation or server.

**QUESTION: 204**

Suppose you wish to move a VMware virtual machine from one physical computer to another. The physical computers are different: they contain different storage adapters and different Ethernet adapters. Can you move the virtual machine?

- A. Yes, because VMware virtualization products modify virtual machines' driver configurations automatically.
- B. Yes, because VMware virtualization products presents generic hardware to guest operating systems.
- C. No, because VMware virtualization products do not allow hardware changes to virtual machines once they are created.
- D. No, because VMware virtualization products present the physical hardware to guest operating systems.

**Answer: B**

**QUESTION: 205**

CPU-intensive applications are more likely than disk-intensive applications to decrease in performance when moved from a physical machine to a virtual machine (on identical host hardware).

- A. True
- B. False

**Answer: B**

**QUESTION: 206**

What does the term "monitor" mean when specifically applied to VMware virtualization products?

- A. A software program that monitors virtual machines' heartbeats
- B. The physical video display of the host system
- C. The SVGA adapter as virtualized by VMware software
- D. A software program that manages access to resources.

**Answer:** D

**Explanation:**

**Reference:** Student Manual, Module 11, pages 16-17

**QUESTION:** 207

Choose the most accurate completion for this sentence?

VMware P2V Assistant is most effectively used for \_\_\_\_\_.

- A. Backing up and restoring virtual machines.
- B. Deploying existing servers as virtual machines.
- C. Securely copying virtual machines between servers.
- D. Moving virtual machines between VMware products.

**Answer:** B

**Reference:**

Student Manual, Module 1, page 13

**QUESTION:** 208

One key advantage of virtual machines is that they are encapsulated. What does the term "encapsulation" mean?

- A. The virtual machine is represented by discrete disk files.
- B. The virtual machine is isolated from the state of the host system.
- C. The virtual machine is isolated from the state of other virtual machines
- D. The virtual machine's hardware is independent of the hardware of the host system.

**Answer:** A

**Reference:**

Student Manual, Module 1, page 3

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