Free Questions for 304-200 by vceexamstest

Shared by Holman on 15-04-2024

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Question 1

Which of the following commands are needed to establish a private network between two (or more) KVM virtual machines that is not visible to other KVM instances on the same KVM host? (Choose THREE correct answers.)

Options:

A- ifconfig

B- brctl

C- tunctl

D- ipconfig

E- ebtables

Answer:

A, B, C

Question 2

Which of the following restrictions is true when using KVM with the User Network?

Options:

A- Virtual Machines must use a SOCKS proxy to connect to the internet.

B- Virtual Machines can communicate with the host system and with other virtual machines using User Network.

C- Virtual Machines can only communicate with other virtual machines but not with the host system.

D- Virtual Machines cannot use ICMP.

E- Virtual Machines are restricted to only use IPv6 and not IPv4.

Answer:

D

Question 3

Question Type: **MultipleChoice**

Which of the following statements is true regarding XenStore?

Options:

A- It is a web interface used to provide self-service domain provisioning to users with sufficient privileges.

B- It saves the persistent configuration of all defined Xen domains and restores them when the host system is started.

C- It manages disk file images on behalf of all virtual machines and provides them as virtual devices to guest domains.

D- It stores run time information regarding Xen and its domains using hierarchical namespaces shared between domains.

E- It is a software repository located within the host system used to provide software packages to the guest domains.

Answer:

D

Question 4

Question Type: **MultipleChoice**

Which of the following commands can be used to determine whether the local machine is capable of running full virtualized Xen guests? (Choose TWO correct answers.)

Options:

A- dmesg |grep -i intel|grep -i vt; dmesg |grep -i amd|grep -i v

B- egrep '(vmx|svm)' /proc/cpuinfo

C- xl dmesg | grep -i hvm

D- grep -i 'Full Virtualization' /proc/xen

E- grep -i 'Full Virtualization' /etc/xen/*

Answer:

B, C

Question 5

Question Type: **MultipleChoice**

A configuration file for a Xen virtual machine was created with file name slack.cfg within Xen's configuration directory. Which of the following commands starts the virtual machine defined in this configuration file and opens the virtual machine's console on the current command line?

Options:

A- xl start slack

B- xl create slack.cfg --show-console

C- xl create slack.cfg

D- xl start slack.cfg -c

E- xl create slack.cfg --c

Answer:

E

Question 6

Which of the following statements is true regarding the following output of xl list:

Name ID Mem VCPUs State Time(s)

Domain-0 0 384 1 r----- 498.7

Debian 2 305 1 --p--- 783.5

Slack 6 64 1 -b---- 313.6

CentOS 7 512 2 r----- 455.1

Options:

A- It is necessary to use the xl command to change Slack's state to running.

B- CentOS is the domain which has consumed the most CPU time.

C- The domain with ID 2 uses paravirtualization.

D- Both Debian and Slack require xl commands to start running.

E- Slack is idle or waiting for I/O.

Answer:

E

Question 7

Question Type: FillInTheBlank

In order to determine if a virtualization host offers Intel VT-x support, which CPU flag must be searched for in the file /proc/cpuinfo?
(Specify the name of the CPU flag as it is mentioned in the given file only without any additional information.)

Question 8

Question Type: **MultipleChoice**

Which of the following statements are true regarding resource management for full virtualization? (Choose TWO correct answers.)

Options:

A- The hypervisor may provide fine-grained limits to internal elements of the guest operating system such as the number of processes.

B- Full virtualization cannot pose any limits to virtual machines and always assigns the host system's resources in a first-come-first-serve manner.

C- It is up to the virtual machine to use its assigned hardware resources and create, for example, an arbitrary amount of network sockets.

D- The hypervisor provides each virtual machine with hardware of a defined capacity that limits the resources of the virtual machine.

E- All processes created within the virtual machines are transparently and equally scheduled in the host system for CPU and I/O usage.

Answer:

C, D

Question 9

Which of the following statements describes the concept behind paravirtualization?

Options:

A- Guest operating systems are modified to actively cooperate with the hypervisor in order to ease virtualization costs and gain better performance.

B- Instead of running full virtual machines, containers are used to separate distinct parts of one commonly shared operating system that appear as a virtual machine.

C- To avoid the need for virtualization, special security measures are taken to allow different applications to coexist on one physical machine.

D- Each operating system is trusted to use only those resources assigned to it, thereby eliminating the need of an additional virtualization layer.

Answer:

A