



Free Questions for 305-300 by certsinside

Shared by Palmer on 12-12-2023

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Question 1

Question Type: MultipleChoice

How can data be shared between several virtual machines running on the same Linux-based host system?

Options:

- A- By writing data to the file system since all virtual machines on the same host system use the same file system.
- B- By mounting other virtual machines' file systems from `/dev/virt-disks/remote/`.
- C- By setting up a ramdisk in one virtual machine and mounting it using its UUID in the other VMs.
- D- By using a network file system or file transfer protocol.
- E- By attaching the same virtual hard disk to all virtual machines and activating EXT4 sharing extensions on it.

Answer:

D

Question 2

Question Type: MultipleChoice

Which of the following commands lists all differences between the disk images vm1-snap.img and vm1.img?

Options:

- A- virt-delta -a vm1-snap.img -A vm1.img
- B- virt-cp-in -a vm1-snap.img -A vm1.img
- C- virt-cmp -a vm1-snap.img -A vm1.img
- D- virt-history -a vm1-snap.img -A vm1.img
- E- virt-diff -a vm1-snap.img -A vm1.img

Answer:

E

Question 3

Question Type: MultipleChoice

Which of the following types of guest systems does Xen support? (Choose two.)

Options:

- A- Foreign architecture guests (FA)
- B- Paravirtualized guests (PVI)
- C- Emulated guests
- D- Container virtualized guests
- E- Fully virtualized guests

Answer:

B, E

Question 4

Question Type: MultipleChoice

Which of the following commands deletes all volumes which are not associated with a container?

Options:

- A- docker volume cleanup
- B- docker volume orphan -d
- C- docker volume prune
- D- docker volume vacuum
- E- docker volume garbage-collect

Answer:

C

Question 5

Question Type: MultipleChoice

A clone of a previously used virtual machine should be created. All VM specific information, such as user accounts, shell histories and SSH host keys should be removed from the cloned disk image. Which of the following tools can perform these tasks?

Options:

- A- virg-reset

- B- virt-sparsi
- C- virt-rescue
- D- virt-svspre
- E- sysprep
- F- vire-wipe

Answer:

D

Question 6

Question Type: MultipleChoice

Which of the following commands moves the libvirt domain web1 from the current host system to the host system host2?

Options:

- A- virsh node-update host1=-dom:web1 host2=+dom:web1
- B- virsh pool-add host2 web1

C- virsh migrate web1 qemu+ssh://host2/system

D- virsh patch web1 .Domain.Node=host2

E- virsh cp .:web1 host2:web1

Answer:

C

Question 7

Question Type: MultipleChoice

Which of the following statements are true regarding VirtualBox?

Options:

A- It is a hypervisor designed as a special kernel that is booted before the first regular operating system starts.

B- It only supports Linux as a guest operating system and cannot run Windows inside a virtual machine.

C- It requires dedicated shared storage, as it cannot store virtual machine disk images locally on block devices of the virtualization host.

D- It provides both a graphical user interface and command line tools to administer virtual machines.

E- It is available for Linux only and requires the source code of the currently running Linux kernel to be available.

Answer:

D

Question 8

Question Type: MultipleChoice

Which of the following services can QEMU provide in a user network? (Choose three.)

Options:

A- DHCP

B- BGP

C- CIFS

D- AppleTalk

E- TFTP

Answer:

A, C, E

Question 9

Question Type: MultipleChoice

Which of the following devices exist by default in an LXC container? (Choose three.)

Options:

A- /dev/log

B- /dev/console

C- /dev/urandom

D- /dev/kmem

E- /dev/root

Answer:

A, B, C

Question 10

Question Type: MultipleChoice

Which of the following tasks are part of a hypervisor's responsibility? (Choose two.)

Options:

- A-** Create filesystems during the installation of new virtual machine guest operating systems.
- B-** Provide host-wide unique PIDs to the processes running inside the virtual machines in order to ease inter-process communication between virtual machines.
- C-** Map the resources of virtual machines to the resources of the host system.
- D-** Manage authentication to network services running inside a virtual machine.
- E-** Isolate the virtual machines and prevent unauthorized access to resources of other virtual machines.

Answer:

C, E

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