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QUESTION 1

Which memory management subsystem does KVM use?

- A. QEMM
- B. Xen's memory management module
- C. KVM
- D. The default memory management of the Host OS kernel

Correct Answer: D

QUESTION 2

What is the effect of running the `virsh setvcpus CLUSNODE1 2` command?

- A. It adds 2 virtual CPUs to the virtual machine CLUSNODE1.
- B. It sets virtual machine CLUSNODE1 to have 2 virtual CPUs.
- C. It sets all virtual CPUs of virtual machine CLUSNODE1 to physical processor 2.
- D. It restricts the virtual machine CLUSNODE1 to using, at most, 2 physical processors.

Correct Answer: B

QUESTION 3

Which one of the following is NOT a required element in setting up GFS in a Red Hat Cluster environment?

- A. CLVM
- B. DLM
- C. CMAN
- D. GFS
- E. CCS

Correct Answer: A

QUESTION 4

When using Xen, each VM will have a configuration file matching the name of the VM. Where are these configuration files stored?

- A. Each configuration file is stored with the VM disk files.
- B. In the directory /etc/xen
- C. On a LDAP, NIS or DHCP server
- D. In the directory /var/lib/xen

Correct Answer: B

QUESTION 5

What is the effect of running the virsh vcpupin CLUSNODE2 4,2 command?

- A. It sets the affinity of virtual CPU 4 of virtual machine CLUSNODE2 to physical processor 2.
- B. It reduces the number of virtual CPUs in CLUSNODE2 from 4 to 2.
- C. It increases the number of virtual CPUs in CLUSNODE2 from 2 to 4.
- D. It sets the affinity for all virtual CPUs of virtual machine CLUSNODE2 to the physical processors 2 and 4.

Correct Answer: A

QUESTION 6

Which one of the following is NOT a required component for running an OCFS2 file system resource in a Pacemaker environment?

- A. A clone resource for the OCFS2 file system
- B. quorum
- C. dlm
- D. clvm
- E. o2cb

Correct Answer: D

QUESTION 7

Which of the following statements about OpenVZ is NOT true?

- A. OpenVZ is developed for server virtualization.
- B. OpenVZ does not use a hypervisor.
- C. OpenVZ is very fast because virtual machines share a common base environment.

D. OpenVZ supports virtualization of Windows as well as Linux.

E. In OpenVZ a virtual machine is referred to as a container.

Correct Answer: D

QUESTION 8

What is the name and path of the configuration file for the OCFS2 cluster file system?

A. /etc/ocfs2/cluster.conf

B. /etc/ocfs/cluster.conf

C. /etc/ocfs2.conf

D. /etc/cluster.conf

Correct Answer: A

QUESTION 9

Which of the following are valid load balancing algorithms for HAProxy? (Select TWO correct answers)

A. persistent

B. weightedrr

C. source

D. leastconn

E. destination

Correct Answer: CD

QUESTION 10

Which command will show the status of the initial full synchronization when using DRBD?

A. cat /proc/sys/fs/status

B. cat /proc/drbd/status

C. cat /proc/drbd/currentstatus

D. cat /proc/drbd

E. cat /proc/fs/drdb

Correct Answer: D

QUESTION 11

What actions are permitted by a hypervisor? (Select THREE correct answers)

- A. A hypervisor may install a Guest OS.
- B. A hypervisor may perform privileged tasks on behalf of the Guest OS.
- C. A hypervisor may shape traffic on the bridged network devices for the Guest OS.
- D. A hypervisor may directly manipulate memory.
- E. A hypervisor may execute privileged CPU instructions.

Correct Answer: BDE

QUESTION 12

Which command could be used to generate an ID that uniquely identifies the virtual machine in Xen?

- A. uuid
- B. uuidgen
- C. xm uuid domainid
- D. openssl uuid

Correct Answer: B

QUESTION 13

Which option to the xm command will deactivate a live Xen virtual machine? (Select TWO correct answers)

- A. destroy
- B. remove
- C. shutdown
- D. stop
- E. halt

Correct Answer: AC

QUESTION 14

Where are paravirtualized device drivers installed?

- A. In the Guest OS
- B. In the Host OS
- C. Compiled into the hypervisor
- D. No special drivers are required for paravirtualization.

Correct Answer: A

QUESTION 15

Which statements are true about container based virtualization? (Select TWO correct answers)

- A. As many VMs may run as system resources permit but only Linux supports container based virtualization.
- B. As many OS versions may be used as system resources permit.
- C. Only the same OS as the host system can be used.
- D. The VMs must use the same kernel as the host system.
- E. This allows running of Windows containers on a Linux host.

Correct Answer: CD

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