

**QUESTION NO: 1**

Which one of the following statements is true about the live migration feature of Xen?

- A. It requires that the source and destination hosts have access, with same rights, to the device that exports the virtual machine file system.
- B. It is used to migrate the file system of virtual machines between two hosts on the same network segment, ensuring data integrity during the migration process.
- C. It is recommended that the virtual machines be restarted after migration to ensure that network settings will be updated.
- D. It requires that the virtual machines are turned off to ensure that data stored in the RAM of the virtual machine will not be lost during the migration.
- E. It is used to convert physical servers into virtual machines without having to stop the physical servers.

**Answer: A**

**QUESTION NO: 2**

Using Linux Virtual Server (LVS) provides which of the following features? (Select TWO correct answers)

- A. Balancing load across real servers
- B. Taking over for fenced nodes
- C. Stopping services on other nodes when one node has a stopped service
- D. Checking and maintaining the integrity of services on real servers
- E. Starting and stopping virtual machines as needed

**Answer: A,D**

**QUESTION NO: 3**

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.

**Answer: B,D,E**

**QUESTION NO: 4**

DRBD is equivalent to a networked version of what RAID level?

- A. 0
- B. 1
- C. 2
- D. 5

**Answer: B**

**QUESTION NO: 5**

Which of the following are common uses of virtualization? (Select TWO correct answers)

- A. Operating System virtualization
- B. User virtualization
- C. Identification virtualization
- D. Authentication virtualization
- E. Storage virtualization

**Answer: A,E**

**QUESTION NO: 6 CORRECT TEXT**

Which option is missing in the command below to perform a Xen migration of a domain without pausing the virtual machine? (Please specify only the option in short or long form)

xm migrate vm1 \_\_\_\_ 192.168.1.1 Your Response

Answer: -l --live | live

**QUESTION NO: 7**

Which of the following statements are true when comparing full virtualization and paravirtualization in Xen? (Select THREE correct answers)

- A. Paravirtualization demands changes to operating systems designed to be installed directly on the hardware when using those operating systems as guests.
- B. It is possible to use, without changes, operating systems designed to be installed directly on the hardware when using it as guest in full virtualization.
- C. The number of virtual CPUs can be configured only in the full virtualization mode.

- D. Paravirtualization depends on special CPU features like IntelVT or AMDV.
- E. The virtual network resources are available for both types of virtualization.

**Answer: A,B,E**

**QUESTION NO: 8**

Why does this virtual machine NOT boot?

kvm drive file=sd

a.img,if=scsi m 128

- A. KVM cannot be started on the command line.
- B. The boot=on parameter is missing in the drive definition.
- C. KVM does not use the drive option; it uses hda instead.
- D. It is missing acdrom

**Answer: B**

**QUESTION NO: 9**

How many virtual CPUs can KVM support in SMP guests?

- A. 32
- B. 8
- C. 2
- D. 16
- E. 4

**Answer: D**

**QUESTION NO: 10**

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 OCFS2file system
- B. quorum
- C. dlm
- D. clvm
- E. o2cb

**Answer: D**

**QUESTION NO: 11**

Which one of the following statements about STONITH is NOT true?

- A. You can use hardware devices such as HP ILO or Dell DRAC management boards for STONITH.
- B. Resources will migrate only after a STONITH operation has been issued successfully.
- C. It is recommended to use STONITH to increase the integrity of the cluster.
- D. Null STONITH is a good solution if you have guaranteed the integrity of the file systems used in your cluster in another way.
- E. When setting up SSHSTONITH, you should use a dedicated communications link for the STONITH traffic in the cluster.

**Answer: E**

**QUESTION NO: 12 CORRECT TEXT**

In order to have all requests matching the ACL `acl_static_content` directed to the servers defined in `server_pool`, which HAProxy directive is required in the following declaration? (Specify ONLY the missing directive)

\_\_\_\_\_ `server_pool` if `acl_static_content`

Answer: `use_backend`

**QUESTION NO: 13**

Which of the following are Pacemaker components? (Select TWO correct answers)

- A. `ccmd`
- B. `crmd`
- C. `heartbeat`
- D. `pengine`
- E. `keepalived`

**Answer: B,D**

**QUESTION NO: 14**