



**Free Questions for 304-200 by certsinside**

**Shared by Cortez on 29-01-2024**

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## Question 1

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**Question Type:** MultipleChoice

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Which of the following situations can result in a split brain situation in a high availability cluster?

### Options:

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- A- The load balancer of a load balanced cluster fails.
- B- The communication between the cluster nodes is interrupted.
- C- Cluster services are moved between cluster nodes.
- D- More than one node is active in a load balanced cluster.
- E- A cluster node has successfully been fenced.

### Answer:

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B

## Question 2

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**Question Type:** MultipleChoice

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Which of the following statements describes fencing resources in a high availability cluster?

**Options:**

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- A-** Fencing is the automated stop and restart of cluster services that suffer from software errors.
- B-** Fencing is the disconnection of a failed cluster node from any other cluster resources.
- C-** Fencing is the forwarding of incoming network connections to backend servers.
- D-** Fencing is the assignment of services to different cluster nodes to avoid interference of the services.
- E-** Fencing is the accounting and limitation of disk usage on shared storage.

**Answer:**

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B

## Question 3

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**Question Type:** MultipleChoice

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How does high availability clustering relate to periodic storage backup? (Choose TWO correct answers.)

### Options:

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- A-** Regular backups become generally unnecessary as any data loss or corruption is automatically recovered by the high availability cluster.
- B-** Regular backups remain vital as they allow restoration of data that was accidentally deleted or corrupted.
- C-** Regular backups may be reduced to the cluster configuration and cluster state data as this information is sufficient to recover any state of the cluster, including data, at any time.
- D-** Backups should be located only on the local storage of the cluster and should not be backed up in order to prevent bandwidth congestion.
- E-** Backup procedures may have to be adapted to the cluster to ensure complete and recoverable backups.

### Answer:

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B, E

## Question 4

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### Question Type: MultipleChoice

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Which of the following statements are true regarding a load balancer? (Choose TWO correct answers.)

**Options:**

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- A- Failover clusters are not operational without at least one dedicated load balancer.
- B- All response packages sent from a backend server to a client must pass through the load balancer.
- C- The load balancer is usually deployed on one of the backend servers.
- D- Load balancers may be able to analyze traffic.
- E- All incoming connections to the cluster services are received by the load balancer.

**Answer:**

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D, E

## Question 5

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**Question Type: MultipleChoice**

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Which of the following statements is true regarding a failover cluster?

**Options:**

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- A- The core component of every failover cluster is a load balancer.
- B- Every service may not be run more than once in a cluster.
- C- Failover clusters provide scalability of a service beyond the capacities of one cluster node.
- D- Failover clusters always require storage that is shared by all nodes.
- E- In normal operation, services may be spread over all nodes.

**Answer:**

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E

## Question 6

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**Question Type:** MultipleChoice

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What is the effect of running the `virsh vcpupin CLUSNODE-2 4 2` command?

**Options:**

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- A- It sets the affinity of virtual CPU 4 of virtual machine CLUSNODE-2 to physical processor 2.
- B- It reduces the number of virtual CPUs in CLUSNODE-2 from 4 to 2.

**C-** It increases the number of virtual CPUs in CLUSNODE-2 from 2 to 4.

**D-** It sets the affinity for all virtual CPUs of virtual machine CLUSNODE-2 to the physical processors 2 and 4.

**Answer:**

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A

## Question 7

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**Question Type: MultipleChoice**

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Which command within virsh lists the virtual machines that are available on the current host?

**Options:**

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**A-** view

**B-** show

**C-** list-vm

**D-** list

**E-** list-all

**Answer:**

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D

## Question 8

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**Question Type:** MultipleChoice

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Which of the following statements is true regarding VirtualBox?

**Options:**

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- A-** VirtualBox uses container-based virtualization and can only run virtual machines using the operating system of the host system.
- B-** VirtualBox can only be run from a graphical desktop environment and not from the text console.
- C-** VirtualBox provides special device drivers for several operating systems to enhance the virtual machine's performance.
- D-** VirtualBox contains a hypervisor that runs independently from any other operating system on a bare metal host.
- E-** VirtualBox is part of the vanilla Linux kernel and does not require any additional software installation on recent Linux distributions.

**Answer:**

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C



## Question 9

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**Question Type:** MultipleChoice

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Which one of the following tools can NOT be used to create virtual machines, including their configuration in a libvirt-based KVM environment?

**Options:**

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A- virt-clone

B- virt-install

C- virt-img

D- virt-manager

**Answer:**

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C

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