

# QUESTIONS & ANSWERS

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**LPI**

## **304-200**

*LPI Level 3 Exam 304 Senior Level Linux Certification  
Virtualization & Hi*

**QUESTION: 107**

Which of the following device classes are commonly used STONITH devices? (Choose THREE correct answers.)

- A. Uninterruptable Power Supplies, UPS
- B. CPU frequency management tools
- C. Blade Control Devices
- D. Remote Management Services like iLO or DRAC
- E. Local node storage

**Answer:** A, C, D

**QUESTION: 108**

CORRECT TEXT

Which command is used to edit and display the running Linux Virtual Server (LVS) configuration? (Specify ONLY the command without any path or parameters.)

**Answer:**

ipvsadm

**Section 3: Sec Three (109 to 120)**

**Details:**Topic 3, High Availability Cluster Storage

**QUESTION: 109**

Which of the following commands can be used to change properties such as the number of node slots or the label of an existing OCFS2 filesystem?

- A. ocfs2.setprops
- B. ocfs2tool
- C. crm\_edit
- D. tuneofs.ocfs2
- E. o2cbtool

**Answer:** D

**QUESTION: 110**

What is the name and path of the configuration file for the O2CB cluster that coordinates the nodes using OCFS2 filesystems?

- A. /etc/ocfs2/cluster.conf
- B. /etc/ocfs/cluster.conf
- C. /etc/ocfs2.conf
- D. /etc/cluster.conf

**Answer:** A

**QUESTION:** 111

What is the task of the Cluster Logical Volume Manager, CLVM?

- A. It segments the cluster nodes into several logical groups that are always fenced together.
- B. It balances incoming TCP connections to a logical service to several backend nodes.
- C. It makes logical volumes on shared storage available to all cluster nodes.
- D. It allows several nodes to share file system locks in order to access the same files simultaneously.

**Answer:** C

**QUESTION:** 112

CORRECT TEXT

Which parameter of vgchange controls whether a volume group is shared within a shared storage cluster? (Specify ONLY the option name without any values or parameters.)

**Answer:**

-c, c, clustered, --clustered

**QUESTION:** 113

Which of the following statements is true regarding journals of a GFS2 filesystem?

- A. Each GFS2 filesystem has exactly one journal.
- B. Once a GFS2 filesystem is created, the number of journals cannot be changed.
- C. Every node that simultaneously mounts the filesystem requires its own GFS2 journal.
- D. Journals were heavily used in GFS and are deprecated and optional in GFS2.
- E. The GFS Cluster Journal Daemon, GCJD, handles the journaling in a GFS2 cluster.

**Answer:** C

**QUESTION:** 114

Which one of the following is NOT a required component for running an OCFS2 filesystem resource in a Pacemaker cluster?

- A. A clone resource for the OCFS2 file system.
- B. A shared storage device accessible by all nodes using the OCFS2 filesystem.
- C. The distributed lock manager (DLM).
- D. The cluster logical volume manager (CLVM).
- E. The O2CB service.

**Answer:** D

**QUESTION:** 115

Which of the following statements are true regarding OCFS2? (Choose TWO correct answers.)

- A. OCFS2 is an integral part of Pacemaker and relies on Pacemaker services for functionality.
- B. To avoid the need for shared storage, OCFS2 can replicate the content of its filesystems via the network.
- C. When using OCFS2 with additional cluster software, OCFS2 must be integrated into the overall cluster manager to ensure consistent cluster behaviour.
- D. OCFS2 can be used without any additional software as it contains its own cluster manager, O2CB.
- E. In addition to filesystems, OCFS2 can handle other cluster services such as IP addresses and server daemons.

**Answer:** C, D

**QUESTION:** 116

Which of the following can be used as a low level device for DRBD? (Choose TWO correct answers.)

- A. A LVM logical volume
- B. A physical hard disk
- C. A rewritable CD
- D. A virtual tape library
- E. A tape streamer

**Answer:** A, B

**QUESTION: 117**

Which kernel module must be loaded to initiate a RAID-1 like copy of data on two separate storage devices for a clustered storage solution?

- A. rsyncd
- B. drbd
- C. clraid
- D. clmirror

**Answer: B**

**QUESTION: 118**

How can the state of the backing storage disks of a DRBD device be checked? (Choose TWO correct answers.)

- A. cat /proc/drdb/status
- B. cat /proc/drdb
- C. drbdadm dstate all
- D. drbdadm diskstatus all
- E. drbdadm state --disk all

**Answer: B, C**

**QUESTION: 119**

When using DRBD in a Pacemaker cluster, which configuration objects must be managed in order to use the DRBD device as storage for other cluster services? (Choose TWO correct answers.)

- A. A security resource in order to permit other cluster services to access the data on the DRBD device.
- B. A health resource in order to check the integrity of the file system.
- C. A file system resource to mount the device.
- D. A replication resource that synchronizes the DRBD device's data to all nodes that may take over the device after a failover.
- E. A constraint to ensure the device is mounted before the dependent services are started.

**Answer: C, E**

**QUESTION: 120**

Which O2CB mode should be used for OCFS2 integration with heartbeat?

- A. user
- B. dlm
- C. heartbeat
- D. kernel

**Answer:** A

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