➢ **Vendor: LPI**

➢ **Exam Code: 304-200**

➢ **Exam Name: LPIC-3 Exam 304: Virtualization**

➢ **Question 81 -- Question 100**

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QUESTION 81
Which of the following Messaging Layers are supported by Pacemaker? (Choose TWO correct answers.)

A. Heartbeat
B. OpenAIS
C. DRBD
D. SCMP
E. Slurm

Answer: AB

QUESTION 82
Which of the following configuration settings specify that keepalived is to use the round robin algorithm?

A. lb_mode rr
B. lb_algo rr
C. loadbalancer_mode=rr
D. algorithm=round robin
E. lb_algorithm=rr

Answer: B

QUESTION 83
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: BC

QUESTION 84
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 85
Which O2CB mode should be used for OCFS2 integration with heartbeat?

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

Answer: A

QUESTION 86
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: CD

QUESTION 87
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 88
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 89
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 90
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. tunefs.ocfs2
E. o2cbtool

Answer: D

QUESTION 91
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 92
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 93
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: CE

QUESTION 94
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: AB

QUESTION 95
When using direct Linux booting to start Linux within a KVM virtual machine, which KVM parameter is used to specify parameters for the Linux Kernel? (Specify ONLY the option name without any values or parameters.)

Answer: append, -append

QUESTION 96
Which command in the KVM monitor restores a snapshot? (Specify ONLY the command without any path or parameters.)

Answer: loadvm

QUESTION 97
Which sub-command of xl lists the block devices that are currently attached to a Xen guest domain? (Specify ONLY the sub-command without any path or parameters.)

Answer: block-list, xl block-list

QUESTION 98
What is libvirt?

A. An identity manager used to provide Single-Sign-On for different operating systems.
B. A driver package used to support 3D printers.
C. A cluster manager used to handle node access to shared storage.
D. A combined interface to several virtualization products.
E. A Linux-based virtualization hypervisor.

Answer: D

QUESTION 99
Which of the following products use container-based virtualization? (Choose THREE correct answers.)

A. KVM
B. Linux VServer
C. LXC
D. OpenVZ
E. Xen

Answer: BCD

QUESTION 100
What is the usual way to gain command line access to computing instances in an IaaS cloud?

A. By providing a public SSH key to the cloud management system and using the matching private SSH key to log into the instances.
B. Usually computing instances are accessed through a web frontend and do not allow command line access.
C. By either telnet or SSH using the credentials of the cloud management system account with administrative privileges.
D. By using a telnet session with the credentials set and publicized by the creator of the computing instance's system image.
E. By using a VNC console which does not require authentication when it is invoked via the cloud management system.

Answer: A

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