Vendor: Oracle

Exam Code:1Z0-105

Exam Name: Oracle Linux 6 Advanced System Administration

Version: Demo

QUESTION 1

Which two mandatory parameters are defined in the cpuset subsystem? (Choose two.)

A. shares

B. cpus

C. mems

D. memory-migrate

E. stat

Correct Answer: BC

Reference: https://www.oracle.com/technetwork/articles/servers-storage-admin/resource-controllers-linux1506602.html

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QUESTION 2

Which two statements are true about recursive nameservers that are supported by Oracle Linux? (Choose two.)

A. They may forward requests to authoritative name resolution requests.

B. They cache replies from previous name resolution requsts.

C. They may be authoritative.

D. They may be primary nameservers.

E. They may be secondary nameservers.

Correct Answer: AD

QUESTION 3

Which three predefined file system types can be used while creating an OCFS2 volume? (Choose three.)

A. vmstore

B. documents

C. datafiles

D. media

E. heartbeat

F. mail

Correct Answer: ACF

QUESTION 4

Match the web server directives to their description: A. A-4, B-1, C-5, D-3, E-2

A) ServerRoot	1) Defines the IP address/Post number combination that the server is accessible on
B) Listen	2) Defines the domain name that this server responds to, as used in a browser URL
C) Include	3) Is used to specify the inclusion of specific functional executable modules
D) LoadModule	4) Defines the directory location of all configuration files, documents, and scripts
E) ServerName	5) Directs the server at startup to support module-specific configuration files

B. A-5, B-2, C-3, D-4, E-1

C. A-3, B-1, C-5, D-4, E-2

D. A-4, B-2, C-5, D-3, E-1

Correct Answer: D

QUESTION 5

Examine the udev naming rule:

```
KERNEL=="fd[0-9]*", NAME="floppy/%n", SYMLINK+=%k"
```

Which three statements are true about this rule? (Choose three.)

A. It matches devices with a default device name prefix of /dev/fd, for example: /dev/fd0.

B. Symbolic links dev/floppy/0 through /dev/floppy/9 are created to reference kernel devices /dev/fd0

through /dev/fd9. For example: /dev/floppy/0 -> /dev/fd0.

C. It results in the creation of one symbolic link per matched device, replacing any existing symbolic links for the matched device.

D. It results in the creation of a symbolic link identical to the default kernel device name.

E. It results in the creation of one symbolic link per matched device.

F. It matches devices with a default device name prefix of /dev/floppy/, for example: /dev/floppy/0.

Correct Answer: ABC

QUESTION 6

Examine this OCFS2 configuration and status: Examine these possible steps:

```
[root@exam3 ~]# service o2cb status

Driver for "configfs": Loaded
Filesystem "configfs": Mounted
Stack glue driver: Loaded
Stack plugin "o2cb": Loaded
Driver for "ocfs2_dlmfs": Loaded
Filesystem "ocfs2_dlmfs": Mounted

Checking O2CB cluster "mycluster": Online
  Heartbeat dead threshold: 31
  Network idle timeout: 30000
  Network keepalive delay: 2000
  Network reconnect delay: 2000
  Heartbeat mode: Local

Checking O2CB heartbeat: Not active

[root@exam3 ~]# fdisk -l /dev/sdb

Disk /dev/sdb: 2147 MB, 2147483648 bytes
255 heads, 63 sectors/track, 261 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x294759c6

    Device Boot      Start         End      Blocks   Id  System

[root@exam2 ~]# mounted.ocfs2 -d

    Device    Stack   Cluster  F  UUID                              Label
```

```
1. mkfs.ocfs2 -F -b 1K -C 4K -L disk1 --cluster-name=mycluster --cluster-
stack=o2cb /dev/sdb1
2. mkfs.ocfs2 -T ocfs2 -F -b 1K -C 4K -L disk1 --cluster-name=mycluster --cluster-
stack=o2cb /dev/sdb
3. Create the  partition /dev/sdb1 on device /dev/sdb
4. mount.ocfs2 -L disk1 /shared on both nodes
5. service o2cb online
6. o2cb online
```

Identify the minimum number of steps, in the correct order, to create a local heartbeat OCFS2 file system on the sdb disk and mount it on the existing /shared mount point.

A. 2, 4

B. 3, 1, 4

C. 2, 4, 6

D. 2, 4, 5

E. 3, 1, 5, 4

F. 3, 1, 4, 6

Correct Answer: F

QUESTION 7

Examine the parameters shown using the sysctl command relating to panic situations: [root@WAYOUT etc]# sysctl ? |grep panic |grep -v hung kernel.panic = 0 kernel.panic_on_oops = 0 kernel.softlockup_panic = 0 kernel.unknown_nmi_panic = 0 kernel.panic_on_unrecovered_nmi = 0 kernel.panic_on_io_nmi = 0 kernel.panic_on_oom = 2 [root@WAYOUT etc]# sysctl ? |grep hung

kernel.hung_task_panic = 0 kernel.hung_task_chek_count ?4194304 kernel.hung_task_timeout_secs = 120 kernel.hung_task_warnings = 10

Which two statements are true about system behavior?

A. The kernel delays panic for a few seconds if a bug is encountered to allow the klogd kernel logging daemon to log the oops output.

B. The kernel panics if a kernel thread sleeps in the TASK_UNINTERRUPTABLE state for more than 120 seconds.

C. The kernel attempts to continue if a bug is encountered.

D. The kernel always panics if an out-of-memory condition arises.

E. The kernel tries to kill some memory-consuming processes to avoid a panic if an out-of- memory condition arises.

F. The kernel panics if a user thread sleeps in the TASK_UNINTERRUPTABLE state for more than 120 seconds.

Correct Answer: BF

QUESTION 8

Which three statements are true about support for the XFS file system in Oracle Linux?

A. It is a journaling, extend-based file system.

B. It is not supported for the /boot file system.

C. It is supported for the root (/) file system.

D. It supports user and group disk quotas.

E. It is supported only when created on Logical Volumes.

F. It has a built-in volume manager.

Correct Answer: BDF

Reference: http://docs.oracle.com/cd/E37670_01/E37355/html/ol_about_xfs.html

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QUESTION 9

Which two actions are Linux containers best suited to perform? (Choose two.)

A. simplifying firewall setup

B. creating a lightweight virtualization environment

C. testing SELinux policy

D. controlling the resource usage of a set of applications

E. improving the performance of native applications

Correct Answer: BC

Reference: https://www.unixmen.com/docker-lightweight-virtualization-linux-containers/

QUESTION 10

Which statement is true about OCFS2 file system creation?

A. After the cluster stack is online, new OCFS2 file systems can be created without specifying any additional cluster configuration parameters.

B. Users can toggle file system features online on mounted volumes.

C. Disabled features are prefixed with a dash.

D. The mkfs.ocfs2 utility allows users to specify the level of cache coherency between nodes.

Correct Answer: B

Reference: http://rpm.pbone.net/index.php3/stat/45/idpl/21864323/numer/7/nazwa/ocfs2

QUESTION 11

Which three features are included in the btrfs file system? (Choose three.)

A. general-purpose volume manager

B. online defragmentation

C. block devices mirroring

D. cluster file system

E. online resizing

F. transparent compression

Correct Answer: BEF

Reference: https://docs.oracle.com/cd/E37670_01/E37355/html/ol_about_btrfs.html#

QUESTION 12

What is the purpose of the in-addr.arpa domain that is used in a zone file for DNS name resolution in Oracle Linux?

A. to implement reverse name resolution for IPv4

B. to resolve nameserver names in the in-addr.arpa top-level domain

C. to implement reverse name resolution for IPv6

D. to resolve host names in the in-addr.arpa top-level domain

Correct Answer: C

Reference: https://docs.oracle.com/cd/E19683-01/817-4843/dnsintro-94/index.html