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**Vendor:**Oracle

**Exam Code:**1Z0-100

**Exam Name:**Oracle Linux 5 and 6 System  
Administration

**Version:**Demo

## QUESTION 1

Examine these configuration files: # cat /etc/auto.master /net -hosts /- auto.direct ro

```
# cat /etc/auto.direct
```

```
/nfs1 o16:/export/share1 /nfs2 -sync o16:/export/share2 /nfs o16:/export/share3
```

Which mount options will automounter use to mount the filesystems listed in /etc/auto.direct?

- A. All three filesystems are mounted read-only, async.
- B. /nfs1 and /nfs3 are mounted read-only, async whereas /nfs2 mounted read-write, sync.
- C. /nfs1 and /nfs3 are mounted read-only, async whereas /nfs2 mounted read-only, sync.
- D. All three filesystems are mounted read-write, sync.

Correct Answer: D

## QUESTION 2

Examine the contents of /etc/rc.d

### Total 76

4	drwxr-xr-x. 10	root	root	4096	Dec	6	00:28.	
12	drwxr-xr-x. 119	root	root	122288	May	24	03:40.	
4	drwxr-xr-x. 2	root	root	4096	Apr	5	05:07	init.d
4	-drwxr-xr-x. 1	root	root	2617	May	21	05:08	rc0.d
4	drwxr-xr-x. 2	root	root	4096	Apr	5	05:28	rc1.d
4	drwxr-xr-x. 2	root	root	4096	Apr	5	05:28	rc2.d
4	drwxr-xr-x. 2	root	root	4096	Apr	5	05:28	rc3.d
4	drwxr-xr-x. 2	root	root	4096	Apr	5	05:28	rc4.d
4	drwxr-xr-x. 2	root	root	4096	Apr	5	05:28	rc5.d
4	drwxr-xr-x. 2	root	root	4096	Apr	5	05:28	rc5.d
4	-drwxr-xr-x. 1	root	root	220	May	21	2011	rc.local
20	-drwxr-xr-x. 1	root	root	19546	May	21	2011	rc.sysint

Which two statements are true concerning the files contained in the run level-specific directories rc0.d through rc6.d?

- A. The files starting with S or K are links to scripts in the /etc/init.d directory.
- B. The files starting with S are always invoked by the /etc/rc.d/rc script even if the service managed by that script is already down.
- C. The files starting with S or K are added by using the chkconfig command.

D. The files starting with K are always invoked by the /rc/rc.d/re script even if the service managed by that script is already up.

E. The files starting with S are invoked before those starting with K.

Correct Answer: DE

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### QUESTION 3

Which three statements are true configuration files and the behavior of module parameters specified in those files, in the /etc/modprobe.d directory?

A. The files may contain options to be passed to a module only when it is a dependency of a module being inserted.

B. The file may contain shell commands to be run instead of inserting a particular module in the kernel.

C. The files may contain options to be passed to a module, only when it is inserted using a modprobe command.

D. The files may contain alias names for modules.

E. The file may contain instructions to ignore certain modules.

F. The files may contain options to be passed to a module only when it is inserted using an insmod command.

Correct Answer: ACD

modprobe.d - Configuration directory for modprobe Because the modprobe command can add or remove more than one module, due to modules having dependencies, we need a method of specifying what options are to be used with those modules (A). All files underneath the /etc/modprobe.d directory which end with the .conf extension specify those options as required. They can also be used to create convenient aliases (D): alternate names for a module, or they can override the normal modprobe behavior altogether for those with special requirements (such as inserting more than one module).

C: options modulename option...

This command allows you to add options to the module modulename (which might be an alias) every time

it is inserted into the kernel: whether directly (using modprobemodulename or because the module being

inserted depends on this module.

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### QUESTION 4

During the setup of additional swap space on an ext2 filesystem, you encounter an error as shown below: Which action must you perform to add additional swap space?

```
# dd if = /dev/zero/ of = /u01/swapable bs=1M count=512
```

```
5120 records in
```

```
5120 records out
```

```
# msswap -f -L swapable /u01/swapfile
```

```
Setting up swapspace version 1, size = 524284 KiB
```

```
LABEL=Swapfile, UUID=b3e240f3-64f0-4727-a3c0-5cb7ecb8247e
```

```
# grep swap /etc/fstab
```

```
LABEL=swapdisk swap swap defaults 0 0
```

```
LABEL=swapfile swap swap defaults 0 0
```

```
# swapon -a
```

```
Swapon: cannot find the device for LABEL=swapfile
```

- A. Create a symbolic link /dev/swapfile that points to u01/swapfile.
- B. Reinitialize /u01/swapfile by issuing mkswap L swapfile /u01/swapfile.
- C. Re-create the swapfile on an ext3 or ext4 filesystem.
- D. Change LABEL=swapfile to /u01/swapfile in the appropriate /etc/fstab entry.
- E. None, because adding filesystem based swap space is not supported.

Correct Answer: C

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## QUESTION 5

Which three statements are true concerning the use of the grub menu in Oracle Linux?

- A. All changes made using the grub editor at boot time are saved by default to /boot/grub/grub, conf.
- B. Additional parameters may be passed to the selected kernel.
- C. The initrd directive may not be changed.
- D. Existing kernel parameters may be changed.
- E. Some of the GRUB command-line functions may be password protected.

Correct Answer: ABD

A: GRUB requires only the file name and drive partitions to load a kernel. You can configure this information by editing the `/boot/grub/grub.conf` file, by using the GRUB menu, or by entering it on the command line. Incorrect: not C: If you have set a GRUB password, you must press P and enter the valid password to be able to edit the titles or change kernel boot parameters. To edit any of the root, kernel, or initrd directives, press E. To edit the kernel directive only, press A. To use the GRUB command line, press C.

If you press E, select the root, kernel, or initrd directive, and press E to edit it.

Not E: Grub can be password protected, but not individual functions.

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## QUESTION 6

Which two Statements are true concerning the configuration and use of cron and anacron?

- A. Anacron jobs are used to make sure cron jobs run if the system had been down when they were meant to run.
- B. All crontabs are held in the `/etc/cron.d` directory.
- C. Cron jobs may run as frequently as once a minute.
- D. Anacron jobs may run as frequently as once a minute.
- E. The `crond` daemon looks for jobs only in `/etc/crontab`.

Correct Answer: CE

Note: Anacron is the cron for desktops and laptops.

Anacron does not expect the system to be running 24 x 7 like a server.

When you want a background job to be executed automatically on a machine that is not running 24 x 7, you should use anacron.

Incorrect:

not D: `/etc/anacrontab` file has the anacron jobs mentioned in the following format.

period delay job-identifier command

Field 1 is Recurrence period: This is a numeric value that specifies the number of days.

1 daily

7 weekly

30 monthly

N This can be any numeric value. N indicates number of days

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## QUESTION 7

Which three statements correctly describes the purpose of and administration of kernel boot parameters in Oracle Linux?

- A. Kernel boot parameters may be specified in `/boot/grub/grub.conf`.
- B. Kernel boot parameters used to boot the running system may be examined after boot by Viewing `/boot/grub/grub.conf`.
- C. Kernel boot parameters used to boot the running system may be examined after boot by viewing `/proc/cmdline`.
- D. Additional kernel boot parameters may be specified in an administrator-specified parameter file that is read by grub stage.
- E. Additional kernel boot parameters may be specified from the grub command line.
- F. Additional kernel boot parameters may be specified in an administrator-specified parameters that is read by GRUB stage1\_5.

Correct Answer: ABE

\* GRUB requires only the file name and drive partitions to load a kernel. You can configure this information by editing the `/boot/grub/grub.conf` file, by using the GRUB menu, or by entering it on the command line.

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#### QUESTION 8

Which two statements are true concerning an MSDOS partition table? (Choose two.)

- A. It does not support disks with more than 1024 cylinders
- B. It can be used on the boot disk
- C. It supports either four primary partitions or three primary partitions and one extended partition
- D. It can be used on disks up to four terabytes in size
- E. It supports named partitions

Correct Answer: BC

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#### QUESTION 9

Examine the UserDir directives in this extract from `/etc/httpd/conf/httpd.conf`:

```
UserDir enabled user1 UserDir disabled user1 UserDir public_html
```

The web server URL is `http://host01`.

A website server URL is `http://host01`.

A user attempts to access user1's webpages using this URL:

httpd:/host01/~user1

Which statement describes the outcome?

- A. The occurrence user1 in the list of disabled users causes an access denied error to the website contained in user1\\1 public\_html subdirecoty, overriding the enabled directive.
- B. The occurrence of user1 in the list of enabled users allows access to the website contained in user1\\'s public\_html subdirectory, overriding the disabled directive.
- C. The configuration produces an error upon web server startup, because the enabled and disabled directive conflict.
- D. Access is guaranteed because the UserDir public\_html directive applies default access to all local users on the system, overriding the enabled of disabled directive.

Correct Answer: B

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#### QUESTION 10

Examine the channel specification in the /etc/yum.repos.d/public-yum-016.repo file:

```
# head -6 /etc/yum.repos.d/public-yum-016.repo
[016_latest]
name=Oracle Linux $releasever Latest ($basearch)
baseurl=http://public-
yum.oracle.com/repo/oracleLinux/OL6/latest/$basearch/
gpgkey=http://public-yum.oracle.com/RPM-GPG-KEY-oracle-ol6
gpgcheck=0
Enabled=1
```

What is the effect of the gpgcheck=0 setting?

- A. yum will not check for dependencies when installing packages from this channel
- B. yum will not perform key verification during package installation from this channel
- C. This channel will not be used by yum when it checks for updated packages
- D. This channel will not be used by yum when it searches for packages
- E. yum will not check if the channel metadata is up-to-date for this channel

Correct Answer: B

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**QUESTION 11**

Which two are correct about the oracle-rdbms-server-11gR2-preinstall and oracle-validated RPMs? (Choose two.)

- A. They are only available to Oracle Premium Support customers
- B. They contain a number of other RPMS that are required for a successful Oracle database product installation
- C. They have dependencies on a number of other RPMS that are required for a successful Oracle database product installation
- D. The oracle-validated RPMS if used, must be installed before installing an Oracle database product
- E. The oracle-validated RPMS if used, must be installed after installing an Oracle database product

Correct Answer: CD

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**QUESTION 12**

You want to convert an rpm packages file into a standard format as part of a shell script and then manipulate the contents.

Which archive format is used by rpm?

- A. cpio
- B. tar
- C. bzip2
- D. gzip
- E. zip

Correct Answer: A