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GAQM LCP-001

Version Demo

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Topic Break Down

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Topic 1, Volume A	47
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QUESTION NO: 1

Which of the following commands can be used to instruct the init process to switch runlevels?

(Choose TWO correct answers)

- A. telinit
- B. initctl
- C. init
- D. reinit
- E. runlevel

ANSWER: A C**QUESTION NO: 2**

You have run out of disk space on a partition. Which of the following would be an easy way to move data to a new partition without reconfiguring the path to the data in existing applications?

- A. Run ext2fs ACL.
- B. Use a hard link.
- C. Use a symbolic link.
- D. Use the loopback device.
- E. Create a block device offset.

ANSWER: C**Explanation:**

A Symbolic link points to another file and the contents of link file is referenced file. So, symbolic linked file occupied the very less space the original file.

QUESTION NO: 3

Which TWO commands will find the path for the binary vim?

- A. man vim
- B. whereis vim
- C. apropos vim
- D. which vim

ANSWER: B D**Explanation:**

which and whereis command displays the executable path of commands. Example: which clear shows actually where clear is stored similarly whereis clear.

QUESTION NO: 4

You are writing text in vi. Now you want to save your changes and exit. Which TWO sequence of inputs will accomplish this?

- A. esc ZZ
- B. ctrl :w!
- C. esc zz
- D. esc :wq!
- E. ctrl XX

ANSWER: A D**QUESTION NO: 5**

What umask will set the file permissions on a newly created file to -rw-r--r-- (644)?

- A. 0002
- B. 0022

C. 0224

D. 0246

ANSWER: B

Explanation:

umask command is used to display and set the default permissions. Here in question asking for the umask value of newly created file having permission

QUESTION NO: 6

Which Debian package system command will list all partially installed packages and suggest how to get them correctly installed?

A. dpkg -C

B. apt-get -u

C. dpkg -Dh

D. dpkg -l

E. apt-get -y

ANSWER: A

QUESTION NO: 7

What RPM command would show you detailed information for a package called openssh-3.6.i386.rpm?

A. rpm --showinformation openssh-3.6.i386.rpm

B. rpm --showdetails --package openssh-3.6.i386.rpm

C. rpm --query --info --package openssh-3.6.i386.rpm

D. rpm --verify openssh-3.6.i386.rpm

ANSWER: C

QUESTION NO: 8

The sticky bit is usually set on

- A. /var/log
- B. /tmp
- C. /home
- D. log files

ANSWER: B

QUESTION NO: 9

Which of the following is very important when installing from source code (Check TWO that apply)?

- A. Read all documentation included with the source code.
- B. Reboot after installing all programs.
- C. Manually check to see if all dependencies are met.
- D. Use rpm or dpkg to verify the installation.
- E. Do not install binaries as the root user.

ANSWER: A C

QUESTION NO: 10

You are experimenting with a binary in /tmp/foo.d that expects its configuration file at /etc/foo.conf. You don't want to save it there, but use a symbolic link to /tmp/foo.d/foo.conf instead. Which command would accomplish that?

- A. `ln -s /tmp/foo.d/foo.conf /etc/foo.conf`
- B. `ln /tmp/foo.d/foo.conf /etc/foo.conf`
- C. `ln -s /etc/foo.conf /tmp/foo.d/foo.conf`
- D. `ln /etc/foo.conf /tmp/foo.d/foo.conf`

ANSWER: A

Explanation:

There are two types of link a. Soft link b. Hard link.

b. Soft link à Can create for directory also, can span multiple partitions but available until and unless Original Files remain.
Syntax for Soft link `ln -s originalfile linkfile`

b. Hard link à One separate Physical File, can't create for directory, can't span multiple file but remains the link file if original file removed.

Syntax for Hard link `ln originalfile linkfile`

QUESTION NO: 11

Your senior administrator asked you to change the default background of his machine, which uses XDM. Which file would you edit to achieve this?

- A. `/etc/X11/xdm/Xsetup`
- B. `/etc/X11/xdm.conf`
- C. `/etc/X11/xdm/Defaults`
- D. `/etc/X11/defaults.conf`

ANSWER: A**QUESTION NO: 12**

You installed a beta rpm package, but are experiencing some problems with it. How can you remove this package?

- A. `rpm -qe rpmname`
- B. `rpm -V --remove rpmname`
- C. `rpm -r rpmname`
- D. `rpm -d rpmname`
- E. `rpm -ev rpmname`

ANSWER: E**Explanation:**

To uninstall the package, we use the rpm -ev rpmname or rpm --erase rpmname To install package: rpm -ivh rpmname : where -i means install, -v means verbose, -h means display the Hash marks. To Upgrade rpm: rpm -Uvh rpmname: where -U means Upgrade. To Freshen Upgrade: rpm -Fvh rpmname

QUESTION NO: 14

What does the Filesystem Hierarchy Standard enable? (Select TWO answers)

- A. Software to predict the location of installed files and directories
- B. Software to predict the ownership and access rights of installed files and directories
- C. Users to predict the location of installed files and directories.
- D. Users to predict how the filesystem should be formatted according to need.

ANSWER: A C**QUESTION NO: 15**

Instead of supplying an explicit device in /etc/fstab for mounting, what other options may be used to identify the intended partition? (Select TWO correct answers)

- A. FIND
- B. ID
- C. LABEL
- D. NAME
- E. UUID

ANSWER: C E