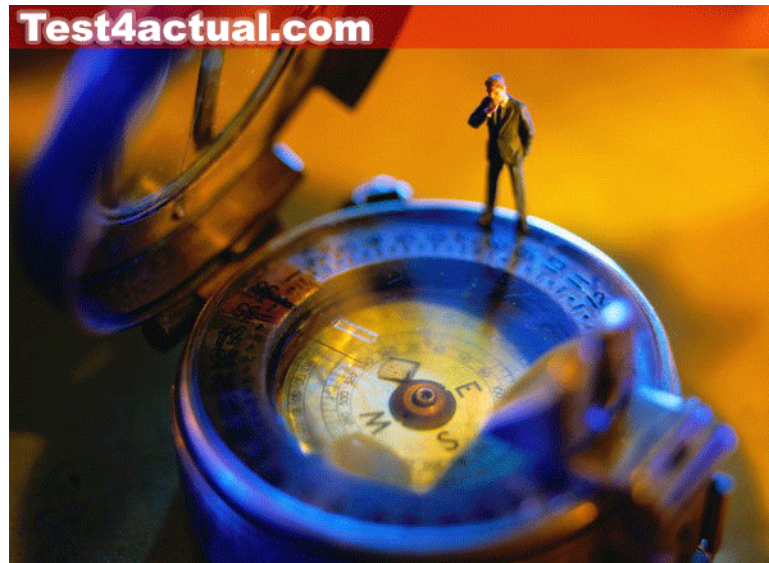


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Lpi 117-201

**Lpi Level 2 Exam 201**

Q&A DEMO

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1. Which TWO statements about crontab are true?
  - A. Every user may have their own crontab.
  - B. Changing a crontab requires a reload/restart of the cron daemon.
  - C. The cron daemon reloads crontab files automatically when necessarily.
  - D. hourly is the same as "0 \* \* \* \*".
  - E. A cron daemon must run for each existing crontab.

**Answer:** AC

2. What command can be used to install a Perl module ('\$module') from the CPAN archive?
  - A. perl -cpan -i \$module
  - B. perl -MCPAN -e "install \$module"
  - C. perl -i \$module
  - D. perl -cpan -e "make \$module"
  - E. perl -MCPAN -install \$module

**Answer:** B

3. Which of the following commands should be used in a bash script that needs a variable containing the IP address of

the eth0 interface? The output for the command `ifconfig eth0` is shown below:

```
eth0 Link encap:Ethernet HWaddr 00:0C:29:CB:FA:30
inet addr:192.168.246.11 Bcast:192.168.246.255 Mask:255.255.255.0
UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
RX packets:4721 errors:0 dropped:0 overruns:0 frame:0
TX packets:3216 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:1000
RX bytes:445184 (434.7 Kb) TX bytes:512968 (500.9 Kb)
Interrupt:185 Base address:0x1080
```

- A. `IP=LANG= ifconfig eth0 | awk '{ print $2 }' | cut -f2`
- B. `IP=$(LANG= ifconfig eth0 | grep inet | cut -d: -f2)`
- C. `IP=`LANG= ifconfig eth0 | awk '{ print $3 }``
- D. `IP=`LANG= ifconfig eth0 | grep inet | cut -d: -f2 | awk { print $1 }``
- E. `IP=$(LANG= ifconfig eth0 | grep inet | awk '{ print $2 }' | cut -d: -f2)`

**Answer:** E

4. What does the following script do?

```
#!/bin/bash
find / -perm +4000 | mail -s "Daily find output" root
```

- A. Emails a report of all guid files to root.
- B. Emails a report of all important files to root.
- C. Emails a report of all writeable files to root.
- D. Emails a report of all suid files to root.
- E. Corrects permissions on files and emails the results to root.

**Answer:** D

5. A pre-compiled module has been moved to `/lib/modules/<kernel-version>`, but `'modprobe -a <module-name>'` fails to

load it. What needs to be done to enable usage of this module?

- A. modules.conf or modprobe.conf must be edited.
- B. The system must be rebooted.
- C. make modules\_install must be run.
- D. depmod must be run.
- E. The kernel must be re-compiled.

**Answer: D**

6. Your routing configuration relies on eth0 being a 3com card that requires the 3c59x module.

What line must be

added to modules configuration file, to ensure that eth0 always uses this module?

- A. eth0=3c59x
- B. alias eth0=3c59x
- C. alias eth0 3c59x
- D. set eth0 3c59x
- E. set eth0=3c59x

**Answer: C**

7. Which command would you use to apply a diff file to an original?

- A. patch > diff-file
- B. patch < diff-file
- C. patch << diff-file

D. cat diff-file >> kernel

E. cat diff-file << kernel

**Answer: B**

8. To restore the kernel source to the previous, unpatched, version, which of the following commands could be used?

- A. patch -restore
- B. patch -remove
- C. patch -U
- D. patch -undo
- E. patch -R

**Answer: E**

9. A 2.6.9-ac1 kernel would be

- A. an alpha kernel.
- B. someone's patch to a stable kernel.
- C. a stable kernel.
- D. an unstable kernel.
- E. someone's patch to an unstable kernel.

**Answer: B**

10. Which of the following commands can be used to access the content of a ramdisk file (/boot/initrd) used by the kernel at boot time?

- A. mount /boot/initrd /mnt/ -o loop; cat /mnt

- B. `mkinitrd -d /boot/initrd; mount /boot/initrd /mnt/ -o loop`
- C. `cp /boot/initrd /tmp/initrd.gz; mount /tmp/initrd /mnt/ -o loop`
- D. `cp /boot/initrd /tmp/initrd.gz; gunzip initrd.gz; mount /tmp/initrd /mnt/ -o loop`
- E. `cp /boot/initrd /tmp/initrd.gz; gunzip initrd.gz; mount /tmp/initrd /mnt/`

**Answer: D**

11. What script is included with the kernel source to patch a kernel?

- A. `patch`
- B. `patch-kernel`

- C. `apply-patch`
- D. `update-kernel`

**Answer: B**

12. Before compiling a new kernel, what needs to be done?

- A. Compile kernel modules.
- B. Configure the kernel options.
- C. Delete old kernel sources.
- D. Change to runlevel 1.
- E. All of the above.

**Answer: B**

13. To remove the patch `patch-2.4.28.tar.bz2` from a kernel source tree, the command that must be used is:

- A. `bunzip2 ../patch-2.4.28.tar.bz2 | patch -rp1`
- B. `bunzip2 ../patch-2.4.28.tar.bz2 | patch -Rp1`
- C. `bunzip2 -c ../patch-2.4.28.tar.bz2 | patch -Rp1`
- D. `bunzip2 -c ../patch-2.4.28.tar.bz2 | patch -rp1`
- E. `bunzip2 -c ../patch-2.4.28.tar.bz2 | unpatch -p1`
- F. `bunzip2 ../patch-2.4.28.tar.bz2 | unpatch -p1`

**Answer: C**

14. A user requests a "hidden" Samba share, named `confidential`, similar to the Windows Administration Share. How can this be configured?

- A. `[confidential]`  
`comment = hidden share`  
`path = /srv/smb/hidden`  
`write list = user`  
`create mask = 0700`  
`directory mask = 0700`
- B. `[$confidential$]`  
`comment = hidden share`  
`path = /srv/smb/hidden`

`write list = user`

```
create mask = 0700
directory mask = 0700
C. [$confidential]
comment = hidden share
path = /srv/smb/hidden
write list = user
create mask = 0700
directory mask = 0700
D. [%confidential]
comment = hidden share
path = /srv/smb/hidden
write list = user
create mask = 0700
directory mask = 0700
E. [confidential$]
comment = hidden share
path = /srv/smb/hidden
write list = user
create mask = 0700
directory mask = 0700
```

**Answer:** E

15. Which of the following configuration lines will export /usr/local/share/ to nfsclient with read-write access, ensuring that all changes are written straight to the disk?

- A. /usr/local/share nfsclient(rw)
- B. nfsclient:/usr/local/share/:rw,sync
- C. /usr/local/share nfsclient:rw:sync
- D. /usr/local/share nfsclient(rw,sync)
- E. nfsclient(rw,sync) /usr/local/share

**Answer:** D