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**LPIC-2 Exam 201**

**LPI 201-400**

**Version Demo**

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## Topic Break Down

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## QUESTION NO: 1

A correctly formatted entry has been added to `/etc/hosts.deny` to prevent certain clients from connecting to a service but this is having no effect. What could be the cause of this? (Choose TWO correct answers.)

- A. `tcpd` needs to be sent the HUP signal.
- B. The service needs to be restarted.
- C. The machine needs to be restarted.
- D. There is a conflicting entry in `/etc/hosts.allow`.
- E. The service does not support `tcpwrapper`.

ANSWER: D E

## QUESTION NO: 2

A regular user, `joe`, has just run:

```
./configure && make && make install
```

to build and install a program. However, the installation fails. What could be done to install the program? (Choose TWO correct answers.)

- A. Install the binaries manually with `suinstall`.
- B. Run `make install` with root privileges.
- C. Do not run `./configure` in order to maintain the default configuration for correct installation.
- D. Rerun `./configure` with a `--prefix` option where the user has permissions to write.
- E. Run `make install_local` to install into `/usr/local/`.

ANSWER: B D

## QUESTION NO: 3

What is incorrect about these entries in `/etc/hosts` which could be causing host name lookup problems with `host2`?

```
host1 192.168.1.12
```

```
host2 192.168.1.12
```

- A. Two host names are using the same IP address.

- B. The server doing the query is on a different subnet.
- C. The fields are out of order.
- D. host2 is not a fully qualified domain name.

**ANSWER: C**

## QUESTION NO: 4

Which of the following files are used to resolve hostnames to IP addresses? (Choose TWO correct answers.)

- A. /etc/systems
- B. /etc/hosts
- C. /etc/network
- D. /etc/dns.conf
- E. /etc/resolv.conf

**ANSWER: B E**

## QUESTION NO: 5

A new PCMCIA network card is not functioning correctly. To troubleshoot this, the socket information should be checked. How can this be done? Select two.

- A. cardctl info
- B. cardctl -s
- C. cardmgr -s
- D. cat /var/lib/pcmcia/stab
- E. cat /proc/pcmcia

**ANSWER: B D**

### Explanation:

Cardmgr monitors PCMCIA sockets for card insertion and removal events. When a card is inserted, cardmgr looks up the card in a database of known cards. If the card can be identified, appropriate device drivers will be loaded and bound to the card. When a card is ejected, that cards drivers will be shut down and unloaded if possible. Based on the contents of the PCMCIA card configuration database, cardmgr may also execute arbitrary commands when appropriate cards are either inserted or removed.

All insertion and removal events, device driver loads and unloads, and startup and shutdown commands are reported in the system log file. Warnings and errors will also be logged. Current card and device information for each socket is recorded in `/var/lib/pcmcia/stab`.

Cardctl is used to monitor and control the state of PCMCIA sockets. If a socket number is specified, the command will be applied to just one socket; otherwise, all sockets will be affected.

## QUESTION NO: 6

Which of the following files will be looked for and used by GNU make, if one of them exists, unless a different file is specified on the command line when trying to compile software from source code? (Choose TWO correct answers.)

- A. configure
- B. config.h.in
- C. makefile
- D. Makefile
- E. Makefile.in

**ANSWER: C D**

## QUESTION NO: 7

Which `/etc/hosts.allow` entries will permit access to `sshd` for users from the `192.168.1.0/24` subnet? (Choose TWO correct answers.)

- A. `sshd : 192.168.1.`
- B. `sshd : 192.168.1`
- C. `sshd : 192.168.1.0 netmask 255.255.255.0`
- D. `sshd : 192.168.1.0/255.255.255.0`
- E. `sshd : 192.168.1.0`

**ANSWER: A D**

## QUESTION NO: 8

What is the main template file used by `autofs`?

- A. `default.maps`
- B. `auto.conf`
- C. `auto.master`

D. autofs.master

**ANSWER: C**

## QUESTION NO: 9

It is possible to configure kernel parameters at runtime (e.g the maximum size of the shared memory segment (shmmax)). In which TWO ways can this be changed to 2GB (2147483648 Bytes) on a running system?

A. Edit /etc/shmmax and set the parameter to 2147483648.

B. sysctl shmmax=2147483648

C. sysctl kernel.shmmax=2147483648

D. echo 2147483648 > /proc/sys/kernel/shmmax

E. export kernel.shmmax=2147483648

**ANSWER: C D**

### Explanation:

/proc is the Virtual File system, which contains the running kernel information. To tune the running kernel, we should change the value on /proc. Regarding the shared memory, either we can change the value of /proc/sys/kernel/shmmax which brings the changes recently on running kernel. To set the permanent Value of maximum size of shared memory:

kernel.shmmax=?? in /etc/sysctl.conf, but you should reboot the system to bring changes on kernel.

## QUESTION NO: 10

A machine is running in single user mode and as such not all filesystems are accessible. What command must be run to make all of the other filesystems listed in /etc/fstab accessible?

A. mount all

B. mountfs all

C. mount -a

D. mount \*.\*

**ANSWER: C**

## QUESTION NO: 11

What command is used to make an exact copy, at a single point in time, of a logical volume for backup purposes?

- A. lvsnap
- B. lvsnapshot
- C. lvcreate
- D. lvcopy
- E. lvclone

**ANSWER: C**

## QUESTION NO: 12

What is the term for unmounting a filesystem, which cleans up all references to the filesystem, as soon as it is not in use any longer?

- A. soft
- B. strong
- C. forced
- D. lazy
- E. delayed

**ANSWER: D**

## QUESTION NO: 13

A DNS server has the IP address 192.168.0.1. Which TWO of the following need to be done on a client machine to use this DNS server?

- A. Add nameserver 192.168.0.1 to `/etc/resolv.conf`
- B. Run `route add nameserver 192.168.0.1`
- C. Run `ifconfig eth0 nameserver 192.168.0.1`
- D. Ensure that the dns service is listed in the hosts entry in the `/etc/nsswitch.conf` file
- E. Run `bind add nameserver 192.168.0.1`

**ANSWER: A D**

## QUESTION NO: 14

A zone file on the DNS server has been updated. Which of the following commands will tell named to reload its zone files? (Please select TWO correct answers)

- A. killall -HUP named
- B. killall named
- C. rndc reload
- D. rndc flush
- E. named-checkzone -r

**ANSWER: A C**

## QUESTION NO: 15

In capacity planning exercises, which tools assist in listing and identifying processes of interest? (Choose TWO correct answers.)

- A. acpid
- B. lsof
- C. pstree
- D. telinit

**ANSWER: B C**

## QUESTION NO: 16

You've changed something in the exports file of NFS but users still complain that they cannot access files what should you do to resolve this? Choose Two

- A. exportfs -t
- B. exportfs -a
- C. exportfs -f
- D. restart the client
- E. restart nfs Daemon

**ANSWER: B**

## QUESTION NO: 17

Which of the following is a CD-ROM filesystem standard?

- A. OSI9660
- B. ISO9660
- C. SR0FS
- D. ISO8859
- E. ROM-EO

**ANSWER: B**

## QUESTION NO: 18

To test a shell script called myscript, the environment variable FOOBAR must be removed temporarily.

How can this be done?

- A. unset v FOOBAR
- B. set a FOOBAR =
- C. env u FOOBAR mycript
- D. env i FOOBAR myscript

**ANSWER: C**

## QUESTION NO: 19

Messages from programs are not appearing in the user's native language. What environment variable must be set for this to happen?

- A. LANG
- B. L18N
- C. MESSAGES
- D. MSGS
- E. LC\_MSGS

**ANSWER: A**

## QUESTION NO: 20

Considering the following kernel IP routing table now, which of the following commands must be remove the route to the network 10.10.1.0/24?

Kernel IP routing table

- A. route del 10.10.1.0
- B. route del 10.10.1.0/24
- C. route del -net 10.10.1.0/24
- D. route del 10.10.1.0/24 gw 192.168.246.11
- E. route del -net 10.10.1.0

**ANSWER: C**