

Exam : LPI 117-201

Title : LPI Level 2 Exam 201

Version : Demo

1. The swap usage on a system needs to be checked. Which TWO commands can be used to display a swap usage summary?

A.cat /proc/swaps

B.swapon s

C.cat /etc/fstab

D.swapshow

E.swapconfig

ANSWER: AB

2. Which e2fsck option is used to automatically repair an ext2 filesystem?

ANSWER: p -p a -a -y y

3. You have installed some new libraries, but these are not available to programs and are not listed by ldconfig p. What file should the path to the libraries be added to, before running ldconfig?

ANSWER: /etc/ld.so.conf

4. Which of the following is needed, to synchronise the UNIX password with the SMB password, when the encrypted SMB password in the smbpasswd file is changed?

A.Nothing, because this is not possible.

B.Run netvamp regularly, to convert the passwords.

C.Run winbind sync, to synchronise the passwords.

D.Add unix password sync = yes to smb.conf.

E.Add smb unix password = sync to smb.conf.

ANSWER: D

5. Which file contains configuration data for automount? Please enter the complete path.

ANSWER: /etc/auto.master

6. A 2.6.9ac1 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

7. Your newlycompiled kernel can not find any modules it needs to load. What command was missed when compiling and installing the kernel?

ANSWER: make modules_install

8. To remove the patch patch2.4.28.tar.bz2 from a kernel source tree, the command that must be used is:

A.bunzip2 ../patch2.4.28.tar.bz2 | patch rp1

- B.bunzip2 ../patch2.4.28.tar.bz2 | patch Rp1
- C.bunzip2 c ../patch2.4.28.tar.bz2 | patch Rp1
- D.bunzip2 c ../patch2.4.28.tar.bz2 | patch rp1
- E.bunzip2 ../patch2.4.28.tar.bz2 | unpatch p1

ANSWER: C

9. 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

10. You have configured a workstation to boot in runlevel 4, but you now find that the X server will not start correctly and the machine will not allow local access. What would be the most effective command to run at the LILO prompt to regain local access to the machine, when the last known working kernel image was linux?

ANSWER: linux 3 linux 1 linux single linux S linux 2

11. Which RAID level provides the most redundancy?

- A.RAID0
- B.RAID1
- C.RAID4
- D.RAID5

ANSWER: B

12. 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

13. What information does the file modules.dep provide?

- A.A list of all modules available to the kernel.
- B.A list of modules required by each module.

- C.A list of devices and their module name.
- D.A list of all modules compiled for this kernel.
- E.A list of modules the kernel needs to run.

ANSWER: B

14. Which of the following must be included in the syslogd configuration file, so that ONLY kernel related messages with the priority crit are reported?

- A.kern.crit
- B.kern.!crit
- C.kern.=crit
- D.kern.*=crit
- E.kern.crit

ANSWER: C

15. After changing the default runlevel in the init configuration file, the system boots in a different than the intended runlevel. Where else could be this different runlevel be defined?

- A.Nowhere. The init configuration file wasn't properly modified.
- B.In the boot loader configuration file.
- C.In /etc/runlevel under default.
- D.In the initrd image file.
- E.In the /etc/rc.d/rc.local file.

ANSWER: B

16. After a crash, the system needs to be booted into runlevel 1. Which option(s) must be typed at the LILO prompt to achieve this, assuming that the working kernel image is called 'linux'?

ANSWER: linux 1 linux single

17. 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: CD

18. A database application requires a maximum shared memory segment (shmmax) of 2GB (2147483648 Bytes). Which configuration file should be modified, to set this kernel parameter permanently? Please enter the complete path to the file.

ANSWER: /etc/sysctl.conf

19. 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 /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

20. Configuration of X is complete and now the default runlevel can be changed from runlevel 3 to runlevel 5. In which configuration file should this change be made?

ANSWER: /etc/inittab