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Exam : **117-102**

Title : General Linux, Part 2

Vendor : Lpi

Version : DEMO

NO.1 What is a well-known service that binds port 25 and is it required on all hosts?

- A. SNMP and it should be turned off if not needed.
- B. SMTP and it is a required service.
- C. SMTP and it is only required on MX hosts.
- D. SLPD and it is required if you run LDAP services.
- E. SSHD and it is required for secure logins.

Answer: C

NO.2 Which of the following commands can be used to convert text files in one character encoding to another character encoding?

- A. cat
- B. convert
- C. dd
- D. iconv
- E. utf2utf

Answer: D

NO.3 In the following output, which is representative of the host performing gateway functions?

Destination	Gateway	Genmask	Flags	Metric	Ref	Use	Iface
10.3.3.0	192.168.1.1	255.255.255.255	UGH	0	0	0	eth0
192.168.1.0	*	255.255.255.0	U	0	0	0	eth0
192.168.77.0	*	255.255.255.0	U	0	0	0	vmnet1
127.0.0.0	*	255.0.0.0	U	0	0	0	lo
default	192.168.1.1	0.0.0.0	UG	0	0	0	eth0

- A. The default gateway is on 192.168.77.0 network
- B. The current host is the also the default gateway
- C. Its eth0 interface is incorrectly configured
- D. The 192.168.1.1 is the default gateway

Answer: D

Explanation:

We see that for net 10.3.30 192.168.1.1 is the gateway and for default too and goes through eth0. But there is no ifconfig etc. So the answer '192.168.1.1 is the default gateway' would be the most accurate.

NO.4 CORRECT TEXT

What is the command most often used for configuring network interfaces?

Answer: ifconfig

NO.5 CORRECT TEXT

Type the full path and name of the file whose global read bit you would change to deny normal users the ability to get useful information from the who and w commands.

Answer: /var/run/utmp

NO.6 CORRECT TEXT

The last command functionality needs what log file to be present to operate properly? Type the full

path and name of the file.

Answer: /var/log/wtmp

NO.7 Identify the statement that would create a default route using a gateway of 192.168.1.1

- A. netstat-add default gw
- B. route default 192.168.1.1
- C. ip route default 192.168.1.1
- D. route add default gw 192.168.1.1
- E. ifconfig default gw 192.168.1.1 eth0

Answer: D

NO.8 Which directory in a user's home contains configuration files and key rings for GPG?

- A. ~/gpg.d/
- B. ~/.gpg/
- C. ~/.gnupg/
- D. ~/gnupg/
- E. ~/.gpg.d/

Answer: C

NO.9 What protocol will allow you to keep accurate time on your hosts?

- A. ntp
- B. nntp
- C. ncftp
- D. inn
- E. ntime

Answer: A

NO.10 You have just added new modules to your system. What command would you execute to rebuild the modules.dep file?

- A. depmod --rebuild
- B. update-dependencies
- C. depmod -a
- D. insmod -dependencies

Answer: C

Explanation:

Depmod creates a list of module dependencies, by reading each module under /lib/modules/version and determining what symbols it exports, and what symbols it needs. By default this list is written to modules.dep in the same directory.

NO.11 CORRECT TEXT

What section of the Man pages are system files mentioned in? Type the numeral of the section.

Answer: 5

NO.12 CORRECT TEXT

You are logged in as root. What command do you run to find out what groups user bruno belongs to?

Answer:

groupsbruno
/usr/bin/groupsbruno
idbruno
/usr/bin/idbruno

NO.13 CORRECT TEXT

By default, the contents of which directory will be copied to a new user's home directory when the account is created by passing the -m option to the useradd command? (Please provide the full path)

Answer: /etc/skel, /etc/skel/

NO.14 You want to find the man pages for utilities and tools related to PPP, but you don't know the name of the specific commands. How can you get a list of man pages that contain information about PPP?

- A. whatis ppp
- B. man ppp
- C. apropos ppp
- D. mandb ppp

Answer: C

NO.15 What Apache directive must you change when using inetd to control your Apache server?

- A. ServerType
- B. ServerInetd
- C. InetServer
- D. StartServer
- E. ServerMethod

Answer: A

NO.16 If your new kernel does not behave normally after a routine kernel upgrade, chances are that you forgot to _____ before compiling the new kernel.

- A. make clean
- B. make shot
- C. make clear
- D. make remove

Answer: A

Explanation:

If your new kernel does really weird things after a routine kernel upgrade, chances are you forgot to make clean before compiling the new kernel. Symptoms can be anything from your system outright crashing, strange I/O problems, to crummy performance. Make sure you do a make dep, too.

NO.17 On a system using shadowed passwords, the correct permissions for /etc/passwd are ____- and the correct permission for /etc/shadow are _____.

- A. -rw-r-----, -r-----
- B. -rw-r--r--, -r--r--r-
- C. -rw-r--r--, -r-----
- D. -rw-r--rw-, -r-----r-
- E. -rw-----, -r-----

Answer: C

NO.18 To test a shell script called mysript, 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 mysript
- D. env -i FOOBAR mysript

Answer: C

NO.19 The legacy program, provided by CUPS for sending files to the printer queues on the command line is:

- A. lpd
- B. lpp
- C. lpq
- D. lpr

Answer: D

NO.20 Which Apache Directive specifies the location of the HTTP documents?

- A. RootDocument
- B. ServerRoot
- C. DocumentRoot
- D. RootServer
- E. DocPath

Answer: C

NO.21 This is a line from the file /etc/exports:

/product company(rw)

What does it mean?

- A. Only user company may access the filesystem /product when it is NFS mounted.
- B. This computer will mount the filesystem /product on company via NFS.
- C. The filesystem /product is exported for NFS mount to computer company.
- D. All NFS access to /product will use suid company.

Answer: C

NO.22 Of the ways listed, which is the best method to temporarily suspend a user's ability to interactively login?

- A. Use passwd -d username to give the user an empty password.

- B. Use chage to expire the user account.
- C. Change the user's password.
- D. Add the command exit to the user's .login file.

Answer: B

NO.23 What can you do to recover a lost passphrase for a DSA or RSA authentication key?

- A. Run the ssh-keygen command.
- B. Run the ssh -recover command.
- C. A lost passphrase cannot be recovered.
- D. Decrypt the authentication key with gpg.
- E. Decrypt the authentication key with ssh -decrypt.

Answer: C

NO.24 What command will compile the Linux kernel and leave a file in arch/i386/boot called bzImage?

- A. make bzImage
- B. make compile
- C. make Image
- D. make bzdisk

Answer: A

Explanation:

After depending and cleaning, you may now `make bzImage' or `make bzdisk' (this is the part that takes a long time.). `make bzImage' will compile the kernel, and leave a file in arch/i386/boot called `bzImage' (among other things). This is the new compressed kernel. `make bzdisk' does the same thing, but also places the new bzImage on a floppy disk which you hopefully put in drive `A:'. `bzdisk' is fairly handy for testing new kernels; if it bombs (or just doesn't work right), just remove the floppy and boot with your old kernel. It can also be a handy way to boot if you accidentally remove your kernel (or something equally as dreadful).

NO.25 CORRECT TEXT

In what directory does undelivered remote mail get stored in? Type the full path and name of the file.

Answer: /var/spool/mqueue

NO.26 CORRECT TEXT

What command is used to print a listing of e-mail that is currently being managed by the MTA but has not yet been delivered? (Please specify the command with or without path)

Answer: mailq, /usr/bin/mailq, sendmail -bp, /usr/sbin/sendmail -bp, /usr/lib/sendmail -bp

NO.27 CORRECT TEXT

An administrator has added the following line to /etc/inittab in order to disable the ability to reboot a Debian system by pressing the Control + Alt + Delete keys simultaneously:

ca:12345:_____:bin/echo "Rebooting disabled"

Answer: ctrlaltdel

NO.28 What file should be edited to make the system aware of newly added library files?

- A. /etc/modules.conf
- B. /etc/conf.modules
- C. /etc/ld.so.conf
- D. /etc/ld.so.cache
- E. /etc/LD_LIBRARY_PATH.conf

Answer: C

Explanation:

ldconfig creates the necessary links and cache to the most recent shared libraries found in the directories specified on the command line, in the file /etc/ld.so.conf, and in the trusted directories(/lib and /usr/lib). The cache is used by the run-time linker, ld.so or ld-linux.so. ldconfig checks the header and file names of the libraries it encounters when determining which versions should have their links updated. Some files: /lib/ld.so run-time linker/loader /etc/ld.so.conf File containing a list of colon, space, tab, newline, or comma separated directories in which to search for libraries. /etc/ld.so.cache File containing an ordered list of libraries found in the directories specified in /etc/ld.so.conf

NO.29 In the LPD system, a print queue is defined in what file?

- A. /etc/lprconf
- B. /etc/printer
- C. /etc/printqueue
- D. /etc/printcap

Answer: D

NO.30 Some loadable kernel modules accept options at load time. This can be used to set interrupt o
r

IO addresses, for example. The place to set these options is?

- A. /etc/conf.modules
- B. /etc/lilo.conf
- C. /boot/System.map
- D. /etc/sysconfig
- E. /boot/module-info

Answer: E