

Looking for Real Exam Questions for IT Certification Exams!

We guarantee you can pass any IT certification exam at your first attempt with just 10-12 hours study of our guides.

Our study guides contain actual exam questions, you will get word to word same on your actual test; accurate answers with detailed explanation verified by experts and all graphics and drag-n-drop exhibits shown just as on the real test.

To test the quality of our guides, you can download the one-fourth portion of any guide from <http://www.certificationking.com> absolutely free.

Besides, we also offer complete version of following exams absolutely free. You can start your certification from these free guides and if you are satisfied you can buy the rest

- ◆ Microsoft: 70-270, 70-305 ◆ Cisco: 642-901 ◆ Oracle: 1Z0-007, 200 ◆ CompTIA: 220-601
- ◆ SUN: 310-014, 310-044 ◆ Citrix: 1Y0-A01, 1Y0-256 ◆ CIW: 1D0-420 ◆ Novell: 50-686
- ◆ Adobe: 9A0-029 ◆ Apple: 9L0-005, 9L0-505 ◆ Avaya: 132-S-100 ◆ Cognos: COG-105
- ◆ CWNP: PW0-100 ◆ EMC: E20-001 ◆ Hyperion: 4H0-002 ◆ HP: HP0-771, HP0-J24
- ◆ IBM: 000-253, 000-700 ◆ Juniper: JN0-100, JN0-201 ◆ Lotus: LOT-739
- ◆ Nortel: 920-803 ◆ SAS: A00-201 ◆ SNIA: S10-100 ◆ Sybase: 510-015
- ◆ Symantec: 250-101 ◆ TeraData: NR0-011

For pricing and placing order, please visit <http://certificationking.com/order.html>

We accept all major credit cards through www.paypal.com

For other payment options and any further query, feel free to mail us at info@certificationking.com

QUESTION NO: 1

On a default Linux system, what file system type does the dump command act upon?

- A. Ext2
- B. UFS
- C. JFS
- D. XFS
- E. ReiserFS

Answer: A

QUESTION NO: 2

Your machine has two working NIC's with proper addresses. You want to split your network into two new subnets. What single command will accomplish this?

- A. ifconfig
- B. route
- C. default
- D. netstat
- E. None of the choices

Answer: A

QUESTION NO: 3

Which file system should never be backed up, and therefore never have to be restored?

- A. ufs
- B. usr
- C. tmp
- D. home
- E. swap

Answer: E

QUESTION NO: 4

Which directory tree is ordinarily the least likely to be backup or restore?

- A. /tmp

- B. /var
- C. /proc
- D. /usr
- E. /usr

Answer: C

QUESTION NO: 5

What command will verify the syntax of a hosts.allow and hosts.deny file combination?

- A. tcpdchk
- B. verify --tcp
- C. ipswitch
- D. tcpdump
- E. tcpdmatch

Answer: A

QUESTION NO: 6

How can you enable onscreen (non-printing) numbers in a vi session?

- A. :set num
- B. :se nu
- C. :set -o number
- D. :set +o num
- E. None of the choices

Answer: B

QUESTION NO: 7

When starting vi with the file nohup.out, which of the following will enable onscreen numbers?

- A. vi +/set num nohup.out
- B. vi +"se nu" nohup.out
- C. vi /+"set number" nohup.out
- D. vi +":set num" nohup.out
- E. echo "set numb" | vi nohup.out

Answer: B

QUESTION NO: 8

What command will set a regular users password to force changing it every 60 days? Choose all that apply.

- A. passwd -x 60 user1
- B. chage -M 60 user1
- C. passwd +x 60 user1
- D. useradd -e 60 user1
- E. usermod -f 60 user1

Answer: A,B

QUESTION NO: 9

Which of the following commands will flush all print jobs on all configured queues of the system?

- A. lprm -a all
- B. lprm -all
- C. lprm -a *
- D. lpflush -all

Answer: A

Explanation:

lprm -a all command is used to flush all print job on all configured queues.

QUESTION NO: 10

Your /etc/passwd file appears to have approximately 1/2 shadow passwords and 1/2 standard unix encrypted passwords. What utility would you most likely run again to fix this?

- A. pwconv
- B. passconvert
- C. useradd -conv
- D. pwhash
- E. passwd -fix

Answer: A

QUESTION NO: 11

Your server has two fully functional NIC's with correct IP configuration. The server is not forwarding traffic between the NIC's. Which command string will set the cards to forward properly?

- A. `setparam 1 > /proc/sys/net/ipv4/ip_autoconfig`
- B. `echo 1 > /proc/sys/net/ipv4/ip_forward`
- C. `set $=1 /proc/sys/net/ipv4/route`
- D. `cat $1 > /proc/sys/net/ethernet`
- E. `vi +/1 /proc/sys/net/unix/max_dgram_qlen`

Answer: B

QUESTION NO: 12

Which of the following are valid commands to affect your system's printing?

- A. `lpq`
- B. `lprm`
- C. `lpstatus`
- D. `lpr`
- E. `lpio`

Answer: A,B,D

Explanation:

`lpr` command is used to send the printing job.

`lpq` command is used to query the printing job

`lprm` command is used to remove the printing job

QUESTION NO: 13

What configuration file is used for settings and conversion parameters for the ftp daemon?

- A. `ftpusers`
- B. `ftpconvert`
- C. `ftpconversions`
- D. `in.ftpd`
- E. `ftpdefaults`

Answer: C

QUESTION NO: 14

Which two commands share the same database for retrieving information?

- A. whatis
- B. whereis
- C. apropos
- D. find
- E. man

Answer: A,C

QUESTION NO: 15

What command will show only complete word matches for a search term?

- A. whatis
- B. apropos
- C. locate
- D. find
- E. whereis

Answer: A

QUESTION NO: 16

What command will show partial word matches for a search term?

- A. apropos
- B. locate
- C. whereis
- D. whatis
- E. find

Answer: A

QUESTION NO: 17

What command is the functional equivalent of the command "man -k searchterm"?

- A. apropos searchterm
- B. whatis searchterm
- C. locate searchterm
- D. find / -name searchterm
- E. None of the selections

Answer: A

QUESTION NO: 18

What command is the functional equivalent of the command "man -f searchterm"?

- A. whatis searchterm
- B. apropos searchterm
- C. locate searchterm
- D. find / -name searchterm
- E. None of the selections

Answer: A

QUESTION NO: 19

Where can you specify options that affect the booting of the system?

- A. /etc/lilo.conf
- B. boot= prompt
- C. linux:
- D. init 3
- E. init 5

Answer: A,B

Explanation:

To effect the system booting, you can specify the options of kernel arguments on bootloader configuration file i.e. lilo.conf or bootloader prompt.

QUESTION NO: 20

Which commands will print two copies of the file to the default printer? Choose all that apply.

- A. cat hosts | lpr -#2
- B. lpr -K2 hosts
- C. lpr -P -count 2 hosts
- D. cat hosts > lpr ; cat hosts > lpr
- E. for 1 in 2 lpr hosts

Answer: A,B

Explanation:

lpr command is used to send the printing job. If printer is not specified then it will send printing job to default printer. To specify the printer name should use the -P option.

Example:

lpr -Pprintername -#numberofcopies filename

-# or -K specify the number of copies.

QUESTION NO: 21

On a default install of a Linux server, regardless of the distribution version, what are the easiest methods to disable telnet, but not uninstall or remove the service? Choose two.

- A. Comment telnet out of the /etc/inetd.conf file
- B. Delete the /etc/rc.d/init.d/telnet file
- C. Rename all SXXtelnet links in the /etc/rc or /etc/rc.d directories
- D. Run "chmod 554 /etc/xinetd.d/telnet"
- E. Nothing, it's not enabled by default

Answer: A,E

QUESTION NO: 22

Which daemon or service can be configured as a non-root user?

- A. cron
- B. ntp
- C. lpr
- D. nmbd
- E. slocate

Answer: A

QUESTION NO: 23

Which of the following options will speed up traceroute for distant network queries?

- A. -n
- B. -p
- C. -0
- D. -t
- E. -q

Answer: A

QUESTION NO: 24

What command could you use to confirm function of a ppp connection before establishing it?

- A. minicom
- B. hyperterminal
- C. setserial
- D. modemset
- E. None of the choices

Answer: A

QUESTION NO: 25

What file on a system contains a list of hosts that can't connect to the machine's services?

- A. /etc/hosts/denial
- B. /etc/hosts.deny
- C. /etc/host.notallow
- D. /etc/inetd.conf
- E. /etc/hosts.not

Answer: B

QUESTION NO: 26

Which of the following IP address ranges are considered private, according to RFC 1918?
Choose all that apply.

- A. 10.0.0.0 - 10.255.255.255

- B. 192.168.0.0 - 192.168.255.255
- C. 172.16.0.0 - 172.31.255.255
- D. 191.168.16.0 - 192.168.31.255
- E. 172.16.0.0 - 172.16.255.255

Answer: A,B,C

QUESTION NO: 27

Which protocol is used for the majority of the ping command's actions?

- A. ICMP
- B. UDP
- C. TCP
- D. NDP
- E. NCP

Answer: A

QUESTION NO: 28

What modprobe option will cause inactive kernel modules to be unloaded?

- A. autoclean
- B. inactive
- C. remove
- D. timeout
- E. holdoff

Answer: A

Explanation:

modprobe -k or --autoclean option will cause inactive kernel modules to be unloaded.

QUESTION NO: 29

Select all of the protocols that are supported by the Linux implementation of ppp.

- A. chap
- B. mschap
- C. pap

D. spap

E. eap

Answer: A,B,C

QUESTION NO: 30

What command with options will cause the redirection symbol (>) to fail to overwrite the contents of an existing file?

A. set -o noclobber

B. set +o nooverwrite

C. export OVERWRITE=no

D. alias >='!>'

E. None of the choices

Answer: A

QUESTION NO: 31

Where can the lilo command install the boot menu and information? Choose all that apply.

A. Master Boot Record

B. BIOS

C. First Sector of a Partition

D. BootBlk

E. Boot Prom

Answer: A,C

Explanation:

lilo command update the MBR or first sector of boot partition, it depends on where you installed the boot loader.

QUESTION NO: 32

Which of the following is not a valid make command during a kernel recompile?

A. make dep

B. make clean

C. make xconfig

- D. make modules
- E. make gzlilo

Answer: E

Explanation:

We are now (finally) ready to start the actual kernel build. At the prompt type:
makebzImage Somecomputerswon'tworkwith'makebzImage',eitherduetohardware
problemsorveryoldversionsofliloorloadlin.Ifyourkernelimage
issmall,youmayuse'makezImage','makezdisk',or'makezlilo' onthesesystems

Steps to recompile the Kernel

1. cd /usr/src2. bzcat linux-2.4.17.tar.bz | tar xvf -3. cd linux
4. make config | make menuconfig | make xconfig5. make dep6.
make clean7. make bzImage8. make modules (if modular kernel)9.
make modules_install (if modular kernel)10. cp System.map /boot/System.map-2.4.17
11. cp arch/i386/boot/bzImage /boot/vmlinuz-2.4.1712. cp .config /boot/config-2.4.17
13. mkinitrd /boot/initrd-<version> <kernel version> # Depending on kernel configuration14.
Update LILO or GRUB15. Reboot into new kernel

QUESTION NO: 33

Which parameters should appear in a valid /etc/printcap file to allow a local printer queue to point to another machine's print queue? Choose two.

- A. rm
- B. rp
- C. remoteip
- D. netprinter
- E. netip

Answer: A,B

Explanation:

rm à remote machine (hostname) (with rp)
rp à remote printer name (with rm)

QUESTION NO: 34

Which of the following commands will print the file putty on the printer hplaserj? Choose all that apply.

- A. lpr -P hplaserj -F putty

- B. `lpr -Phplaserj putty`
- C. `lpc printer=hplaserj file=putty`
- D. `lpr -p hplaserj putty`
- E. `lpr -P hplaserj putty`

Answer: B,E

Explanation:

`lpr` command is used to send the printing job. If printer is not specified then it will send printing job to default printer. To specify the printer name should use the `-P` option.

Example:

`lpr -Pprintername -#numberofcopies filename`

`-#` or `-K` specify the number of copies.

QUESTION NO: 35

Which of the following services would you be least likely to configure to be governed over by the Internet Super Server?

- A. ftp
- B. telnet
- C. ssh
- D. finger
- E. bind

Answer: C

QUESTION NO: 36

What ppp option governs how long an interrupted connection will remain down before it attempts to reconnect?

- A. `holddown`
- B. `holdoff`
- C. `inactive`
- D. `delay`
- E. `wait`

Answer: B

QUESTION NO: 37

What files affect the functioning of TCP Wrappers? Choose Two.

- A. /etc/hosts.deny
- B. /etc/nsswitch.conf
- C. /etc/security/authconfig
- D. /etc/default/clients
- E. /etc/hosts.allow

Answer: A,E

QUESTION NO: 38

You are not using the WINS service on your network, but need to provide NETBIOS resolution to your hosts. What is the name of the daemon that provides these services on a Linux server?

- A. nmbd
- B. dns
- C. winsd
- D. lmhosts
- E. smbd

Answer: A

QUESTION NO: 39

Select from the list below the daemons that are present on a standard Linux server to support routing. Choose all that apply.

- A. gated
- B. ripd
- C. routed
- D. ospfd
- E. bgpd

Answer: B,C,D,E

QUESTION NO: 40

You are performing an onsite security inspection of division of your company. On an Apache server, you want to determine what files are needed and which can be removed from the

/etc/httpd folder. Which of the following are possibly valid Apache configuration files? Choose all that apply.

- A. httpd.conf
- B. apached.conf
- C. srm.conf
- D. access.conf
- E. in.http.conf

Answer: A,C,D

QUESTION NO: 41

In order to allow a Win95 host to resolve the name of and map network drives to your Linux server, what services should be running? Choose Two.

- A. nmbd
- B. smbd
- C. named
- D. routed
- E. winsd

Answer: A,B

QUESTION NO: 42

What is the simplest method to connect a Win98 host to a Linux Server? Choose all that apply.

- A. Velcro
- B. Samba
- C. NFS
- D. DNS
- E. WINS

Answer: A,B

QUESTION NO: 43

What files affect the name resolution functionality of a Linux host? Choose Three.

- A. /etc/resolv.conf

- B. /etc/hosts
- C. /etc/default/names
- D. /etc/nsswitch.conf
- E. /etc/inet/hosts

Answer: A,B,D

QUESTION NO: 44

What is true about the root user and NFS?

- A. NFS shares don't allow root access by default
- B. NFS automatically masks out share permissions
- C. NFS automatically maps all root UID's to the local user "rootsquash"
- D. NFS ignores all users with a UID of 0 and a GID of 0
- E. NFS pays no attention whatsoever to security

Answer: A

QUESTION NO: 45

Where are the default settings for the useradd command kept?

- A. /etc/default/useradd
- B. /etc/sysconfig/useradd.cfg
- C. /etc/.useradd
- D. /etc/defaults/useradd
- E. /etc/login.defs

Answer: A

Explanation:

useradd creates a new user account using the default values from /etc/default/useradd

QUESTION NO: 46

What two files acting together make up the login environment for a user on a default install of Linux?

- A. /etc/profile
- B. /etc/bashrc

- C. /etc/.login
- D. ~/.bash_profile
- E. /etc/.profile

Answer: A,D

QUESTION NO: 47

What protocol will allow you to keep accurate time on your hosts?

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

Answer: A

QUESTION NO: 48

What will the following line in the /etc/exports file do?

/data snowblower(rw) badhost (ro)

- A. Give snowblower rw access to the data share, deny badhost any access, and allow ro for all other hosts
- B. Give snowblower rw access to the data share, give badhost ro access to share and deny all others
- C. Give snowblower no access to the data share, give badhost rw access and set ro access for all others
- D. Cause a syntax error

Answer: B

QUESTION NO: 49

You've just finished editing a new entry in the /etc/exports file. Which of the following will cause the changes to take effect without interrupting current connected users or rebooting the machine?

Choose all that apply.

- A. exportfs -a
- B. /etc/rc.d/init.d/nfs restart

- C. service nfs restart
- D. kill -1 HUP nfs
- E. init 1

Answer: A

QUESTION NO: 50

What system file contains definitions of well known ports, their associated services and protocols?

- A. /etc/services
- B. /etc/sysconfig/network-scripts
- C. /etc/services.conf
- D. /etc/inet/hosts
- E. None of the choices

Answer: A

QUESTION NO: 51

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

QUESTION NO: 52

What is the binary conversion of the IP address 192.168.1.10?

- A. 11000000.10101000.00000001.00001010
- B. 01101010.11000100.10101000.00000001
- C. 00000001.00001010.11000000.10101000
- D. 10101000.00000001.00001010.11000000
- E. None of the choices

Answer: A

QUESTION NO: 53

Your investigation of a system turns up a file that contains the line below:

```
find /home -iname .rhosts -exec rm -f { } \;
```

What is the purpose of this script?

- A. To enhance system security
- B. To remove all program error dumps
- C. To remove all temporary files in the user's home directories
- D. To reset the configuration for the rsh and rexec utilities

Answer: A

QUESTION NO: 54

What command will convert your shadow password file to md5 compatible passwords?

- A. passconv
- B. pwconv
- C. mdconv
- D. mdsum
- E. passwd --convert

Answer: B

QUESTION NO: 55

Your machine's IP address used to function, but it's only got the localhost "lo" entry now. What three client-mode commands could you possibly use to get a new DHCP address?

- A. dhcpd
- B. ipconfig
- C. dhclient
- D. pump
- E. dhcpd

Answer: C,D,E

QUESTION NO: 56

Which two services resolve Netbios names to IP addresses?

- A. WINS
- B. NetbiosSVC
- C. smbd
- D. nmbd
- E. DNS

Answer: A,D

QUESTION NO: 57

Which daemon allows Linux to share it's file systems and printers with unmodified Windows clients?

- A. X Window
- B. nmbd
- C. smbd
- D. WINS
- E. NFS

Answer: C

QUESTION NO: 58

What configuration files on a Linux Server can be configured to share file systems with clients?
Choose Two.

- A. /etc/nmbd
- B. /etc/smbd
- C. /etc/smb/samba.conf

- D. /etc/smb.conf
- E. /etc/samba/smb.conf

Answer: D,E

QUESTION NO: 59

What command is used to monitor connections to the SMB server?

- A. smbclient
- B. testparm
- C. smbstatus
- D. smbstat

Answer: C

QUESTION NO: 60

Which of the following will run a file named myscript every 23 minutes past midnight every two hours?

- A. 23 0-23/2 * * * /myscript
- B. 23 */0-23 * * * /myscript
- C. 23 @2 * * * /myscript
- D. 11 2/0-23 * * * /myscript

Answer: A

QUESTION NO: 61

Which backup method resets the archive bit? Select all that apply.

- A. Full
- B. Incremental
- C. Differential
- D. Copy
- E. DirTree

Answer: A,B

QUESTION NO: 62

Which backup method will require the minimum tapes to restore?

- A. Full
- B. Incremental
- C. Differential
- D. Copy
- E. DirTree

Answer: A

QUESTION NO: 63

What is the command to map a Windows user ID to a Linux user ID for use with the Samba Server?

- A. smbuser
- B. smbpasswd
- C. smbadduser
- D. useraddsmb
- E. useradd

Answer: C

QUESTION NO: 64

When using the PPP daemon make a connection, what option is set to configure it to use hardware flow control?

- A. crtsets
- B. rsync
- C. nsync
- D. connect

Answer: A

QUESTION NO: 65

When using pppd which authentication protocol is the most secure?

- A. clear text

- B. PAP
- C. CHAP
- D. LAP

Answer: C

Explanation:

:

PAP sends all information as clear text.

CHAP sends all information as encrypted text.

QUESTION NO: 66

Your DNS server needs to be configured for speed and security. Choose the best answer.

- A. Disable inetd, run named standalone, only allow tcp on ports 25 and 53
- B. Disable inetd, run named standalone, only allow tcp on ports 25 and 110
- C. Enable inetd, run named as an inetd service, only allow tcp on ports 25 and 53
- D. Disable inetd, run named as a standalone on the apache server.

Answer: A

QUESTION NO: 67

Shares can be configured for export via the NFS service by editing what file?

- A. /etc/exports
- B. /etc/export
- C. /etc/exportfs
- D. /etc/nfs/exports

Answer: A

QUESTION NO: 68

A file exists on a server, but has no content. Users cannot submit jobs to an attached printer. Choose the correct file that must be edited to fix this problem.

- A. /etc/hosts
- B. /etc/hosts.allow
- C. /etc/host.deny

- D. /etc/hosts.lpd
- E. /var/spool/hosts.lpd

Answer: D

Explanation:

The /etc/hosts.lpd file defines which remote systems are permitted to print on the local system. Only that hosts specified in /etc/hosts.lpd can send the printing job. To solve that problem administrator should add the host name on that file.

QUESTION NO: 69

What does "make bzImage" do as opposed to "make zImage"?

- A. makes a bz encrypted kernel
- B. makes a kernel with a better compression ratio
- C. makes a kernel with built in gzip application
- D. nothing

Answer: B

Explanation:

As the Kbuild documentation states:

Some computers won't work with 'make bzImage', either due to hardware problems or very old versions of lilo or loadlin. If your kernel image is small, you may use 'make zImage', 'make zdisk', or 'make zlilo' on these systems.

QUESTION NO: 70

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: B

QUESTION NO: 71

Select the files that are associated with TCP Wrappers. Choose all that apply.

- A. /etc/hosts
- B. /etc/hosts.allow
- C. /etc/hosts.deny
- D. /etc/allow.hosts
- E. /etc/allow.deny

Answer: B,C

QUESTION NO: 72

Which file is responsible for configuring the inet daemon?

- A. /etc/inetd.conf
- B. /etc/xinetd.conf
- C. /etc/tcpd.conf
- D. /etc/inet.conf

Answer: A

QUESTION NO: 73

Which option in the /etc/fstab file causes all users IDs to be mapped to the system's anonymous ID when mounting a NFS mounted file system?

- A. no-root-squash
- B. all-squash
- C. all-id-squash
- D. root-squash

Answer: B

QUESTION NO: 74

Which fstab option governs that all root ID are mapped to anonymous ID when mounting a NFS mounted file system?

- A. no-root-squash
- B. root-squash

- C. all-squash
- D. squash-root

Answer: B

QUESTION NO: 75

What command would load the module msdos.o and all its dependancies?

- A. modinfo -a msdos
- B. lsmod -a msdos
- C. modprobe msdos
- D. insmod -d msdos

Answer: C

Explanation:

modprobe command is used to load or unload the modules as well as it's dependencies from the kernel. To Load the module:

modprobe modulename

To unload the module

modprobe -r modulename

QUESTION NO: 76

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-dependancies
- C. depmod -a
- D. insmod -dependancies

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.

QUESTION NO: 77

Which port is used for DNS?

- A. 110
- B. 21
- C. 23
- D. 52
- E. 53

Answer: E

QUESTION NO: 78

Which ports are used for FTP data and control? Choose Two.

- A. 20
- B. 23
- C. 22
- D. 21
- E. 25

Answer: A,D

QUESTION NO: 79

What command would rebuild the ld.so.cache file?

- A. ldd
- B. ldconfig
- C. ld.so.cache -rebuild
- D. ld

Answer: B

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.

QUESTION NO: 80

On a debian system which of the following would build a boot disk?

- A. mkboot /dev/floppy
- B. makeboot --device /dev/fd0 2.4.18-12
- C. mkboot --device /dev/fd0 2.4.18-12
- D. mkboot /boot/vmlinux-2.4.18-12
- E. mkbootdisk /boot/vmlinux-2.4.18-12

Answer: C

Explanation:

mkboot creates a boot floppy appropriate for the running system. The boot disk is entirely selfcontained,

and includes an initial ramdisk image which loads any necessary SCSI modules for the system. The created boot disk looks for the root filesystem on the device suggested by /etc/fstab. The only required argument is the kernel version to put onto the boot floppy.

Syntax:

mkbootdisk [options] kernel version.

By default mkboot creates the boot disk on first floppy device. If you want to specify the device use the --device option. In debian you should specify the kernel filename which resides on /boot.

QUESTION NO: 81

What configuration file and directive will alter your apache server IP and or port that it listens to?

- A. Port
- B. IPAddress
- C. Listen
- D. MinSpareServers

Answer: C

QUESTION NO: 82

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

QUESTION NO: 83

Which Apache Directive specifies the location of the HTTP documents?

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

Answer: C

QUESTION NO: 84

What command can be used to shut down the Apache server gracefully?

- A. apacheshut
- B. apachectl
- C. apachestop
- D. apachestart

Answer: B

QUESTION NO: 85

What is the recommended setting for StartServers in a medium sized Apache installation?

- A. 5
- B. 10
- C. 15
- D. 20

Answer: B

QUESTION NO: 86

Your server logfile shows repeated connections to TCP port 143. What service is being accessed?

- A. smtp
- B. imap
- C. pop3
- D. pop2
- E. nmbd

Answer: B

QUESTION NO: 87

To learn more about the management or ownership of a website, what's the best utility to use?

- A. tracert
- B. traceroute
- C. whois
- D. ping
- E. telnet

Answer: C

QUESTION NO: 88

You have a Linux system routing 3 networks through 3 separate NICs and are having trouble with your IP forwarding. What file would you check to ensure that IP forwarding is enabled?

- A. /etc/defaultrouter
- B. /proc/net/tcp
- C. /proc/sys/net/ipv4/ip_forward
- D. /var/log/messages

Answer: C

QUESTION NO: 89

What command would cause a print job to be printed next regardless of its current position in the queue.

- A. lpc topq
- B. lpc -t
- C. lpq -t
- D. lpc move

E. lpq --next

Answer: A

Explanation:

The lpq command is used to examine and control the print server operation. The lpq status command displays the administrative status of a print queue. The lpd program caches status and job information in order to improve performance. The lpq flush command will flush the cached information and cause the server to regenerate it. The lpq enable and lpq disable commands enable or disable spooling to the print queue, and the lpq stop and lpq start commands stop and start printing (or transfers) of jobs in the print queue. The lpq topq command can be used to put a job (or jobs) at the head of the spool queue. This command is very useful when some job requires priority service. You can select the job by using the job number or the job ID.

QUESTION NO: 90

Which two files are responsible for allowing users to execute cron jobs?

- A. /etc/cron.allow
- B. /var/spool/cron.allow
- C. /var/spool/cron.allow
- D. /etc/cron.deny

Answer: A,D

QUESTION NO: 91

What file must you create in your home directory in order to enable mail forwarding?

- A. .redirect
- B. .forward
- C. .plan
- D. .mail
- E. None of the choices

Answer: B

QUESTION NO: 92 CORRECT TEXT

What command will tell you which groups you belong to?

Answer: groups

QUESTION NO: 93 CORRECT TEXT

The correct crontab entry in the minutes column to create a command in cron that runs every two minutes would be _____.

Answer: */2

QUESTION NO: 94 CORRECT TEXT

What is a filesystem type the dump utility can work with?

Answer: ext2

QUESTION NO: 95 CORRECT TEXT

What one filesystem should you never restore (and therefore not backup): _____.

Answer: swap

QUESTION NO: 96 CORRECT TEXT

You use the public NTP server time.nist.gov to make sure your system clock is accurate before using it to adjust your hardware clock. Complete the following command to accomplish this:
_____ time.nist.gov

Answer: ntpdate

QUESTION NO: 97 CORRECT TEXT

To slave your NTP daemon to an external source, you need to modify the _____ variable in your /etc/ntp.conf file.

Answer: server

QUESTION NO: 98 CORRECT TEXT

NTP is used to synchronize the system ____ with a central system resource.

Answer: clock

QUESTION NO: 99

Which of the following IP networks does RFC1918 reserve for use on private intranets? (Choose two)

- A. 10.0.0.0
- B. 224.0.0.0
- C. 199.14.0.0
- D. 172.152.0.0
- E. 192.168.0.0

Answer: A,E

QUESTION NO: 100

The ____ is used by the local host to determine which hosts are on the local subnet, and which hosts are on remote networks.

- A. DNS
- B. ARP
- C. gateway
- D. netmask
- E. routing protocol

Answer: D

QUESTION NO: 101

Which protocol is used by ping?

- A. TCP
- B. UDP
- C. SMB
- D. ICMP
- E. OSPF

Answer: D

QUESTION NO: 102 CORRECT TEXT

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

Answer: ifconfig

QUESTION NO: 103

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

QUESTION NO: 104

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

QUESTION NO: 105

If you suspect that a gateway machine on your network has failed but you are unsure which machine, which command will help locate the problem?

- A. ps
- B. netstat
- C. nslookup

- D. ifconfig
- E. traceroute

Answer: E

QUESTION NO: 106

According to the PPP HOWTO which piece of software could help you test a modem?

- A. chat
- B. dhcpcd
- C. minicom
- D. Hylafax
- E. netconfig

Answer: C

QUESTION NO: 107

Suppose that the command netstat-a hangs for a long time without producing output. You might suspect:

- A. A problem with NFS
- B. A problem with DNS.
- C. A problem with NIS.
- D. A problem with routing.
- E. That thenetstat daemon has crashed.

Answer: B

QUESTION NO: 108 CORRECT TEXT

You build and configured a bastion host to act as a router between two internal networks. Both eth0 and eth1 can see hosts on their respective networks, but the hosts on each network cannot see any hosts on the other network. After verifying that the hosts have the correct gateway route, you decide the bastion host does not have IP forwarding turned on. To check this cat the file /proc/sys/net/ipv4/ _____ to ensure it has a 1.

Answer: ip_forward

QUESTION NO: 109

When using /etc/ppp/peers/* files, which of the following is true:

- A. The /etc/ppp/options should be empty.
- B. Any user can runpppd from the command line.
- C. The dial-on-demand option cannot be used.
- D. You must use chap authentication.

Answer: A

QUESTION NO: 110

You want a secure and fast DNS server that must also be quickly accessible remotely.
You should:

- A. Reject all udp packets.
- B. Reject all icmp packets.
- C. Reject all icmp untrusted-host packets.
- D. Disable inetd, run ssh and named as standalone daemons.
- E. Use tcpwrappers to only allow connections to ports 22 and 53.

Answer: D,E

QUESTION NO: 111

To disable telnet service on a system, which action should you take?

- A. Put NONE in /etc/telnet.allow
- B. Remove the appropriatetelnet init script.
- C. Put a line 'ALL:ALL' in /etc/hosts.deny
- D. Comment the telnet entry in /etc/inittab
- E. Comment the telnet entry in /etc/inetd.conf

Answer: E

QUESTION NO: 112

In what file are the mail aliases kept for Sendmail? (Provide the complete path)

- A. /etc/aliases
- B. /etc/mailaliases

- C. /etc/sendmail.aliases
- D. /etc/sendmail/aliases
- E. /var/spool/mail/aliases

Answer: A

QUESTION NO: 113

What directory by default contains the delivered mail for each user?

- A. ~/mail/
- B. /usr/mail/
- C. /var/mail/
- D. /var/mail/spool/
- E. /var/spool/mail/

Answer: E

QUESTION NO: 114

Of the ways listed, which is the best way to temporarily suspend a user's ability to interactively login?

- A. Changing the user's UID.
- B. Changing the user's password.
- C. Changing the user's shell to /bin/false.
- D. Removing the user's entry in /etc/passwd.
- E. Placing the command logout in the user's profile.

Answer: C

QUESTION NO: 115

How many spare server processes are required by Apache for the typical, low-to-moderate volume website?

- A. 1
- B. 50
- C. 10
- D. 200

Answer: C

QUESTION NO: 116

Which of the following files typically are used to configure Apache? (Choose two)

- A. srm.conf
- B. www.conf
- C. http.boot
- D. httpd.conf
- E. apache.conf

Answer: A,D

QUESTION NO: 117 CORRECT TEXT

What file contains a list of directories for an NFS daemon to server to other systems? (Provide the complete answer)

Answer: /etc/exports

QUESTION NO: 118

What are reverse DNS entries used for?

- A. Reverse DNS enable diagnostic commands like traceroute to work.
- B. Reverse DNS gives you information about the owner of the DNS entry.
- C. Reverse DNS provides the hostname for a particular numeric IP address.
- D. Reverse DNS provides geographical information about the DNS net location.

Answer: C

QUESTION NO: 119

You decide to use xinetd instead of inetd.

What must be done in order to properly configure xinetd?

- A. You must create a new configuration file for xinetd.
- B. You must add xinetd to /etc/services.
- C. You must add xinetd support to your tcpwrappers configuration files.

D. Nothing, xinetd uses the same configuration files as inetd.

Answer: D

QUESTION NO: 120

To avoid spammers using your mail server to relay their messages, you need to _____.

- A. Disable the relay control in /etc/aliases
- B. Set up a ruleset for this in /etc/sendmail.cf
- C. Set up relay control in your DNS's MX record.
- D. Recompile sendmail with the -NORELAY flag.

Answer: B

QUESTION NO: 121

You have a standard Apache web server installation and want to make it respond to requests on port 8088. To do this, what configuration file do you need to change?

- A. None. This is the default port.
- B. /etc/httpd/apache.conf
- C. /etc/httpd/ports.conf
- D. /etc/httpd/httpd.conf
- E. /etc/httpd/access.conf

Answer: D

QUESTION NO: 122

This is a line from the file /etc/export:

/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

QUESTION NO: 123

These lines are taken from /etc/smb.conf:

workgroup = group1

guest account = nobody

What else is needed for this to work?

- A. nobody must be a valid group on the server.
- B. nobody must be a user name listed in /etc/passwd.
- C. group1 must be a valid group on the server.
- D. workgroup must be a valid group on the server.

Answer: B

QUESTION NO: 124

What file determines the DNS servers used by your computer?

- A. /etc/hosts
- B. /etc/named.conf
- C. /etc/nsswitch.conf
- D. /etc/resolv.conf

Answer: D

QUESTION NO: 125

In what file do you change default shell variables for all users?

- A. /etc/bashrc
- B. /etc/profile
- C. ~/.bash_profile
- D. /etc/skel/.bashrc
- E. /etc/skel/.bash_profile

Answer: A

QUESTION NO: 126

This is the file /etc/named.boot from the computer named tellus with IP address 128.66.12.10.

directory			/etc
secondary	company.com	128.66.12.	company.com.hosts
secondary	66.128.IN-ADDR.ARPA	128.66.12.5 1	28.66.rev
primary	0.0.127.IN-ADDR.ARPA		named.local
cache			www.pass4sure.com named.ca

From this file, you know that:

- A. tellus is the primary DNS server for domain company.com.
- B. There is a secondary DNS server for domain company.com at the IP address 128.66.12.5.
- C. tellus is a secondary DNS server for domain company.com and it downloads the domain data from the server at IP address 128.66.12.5.
- D. The server at IP address 128.66.12.5 is allowed to download domain and reverse lookup data from tellus.

Answer: B

QUESTION NO: 127

The files /etc/hosts.allow, /etc/hosts.deny and /etc/nologin all exist on your computer and the sshd daemon is running.

What will happen when users try to connect with ssh?

- A. Only connections from computers specified in /etc/hosts.allow will be allowed to log in.
- B. Only root will be allowed to log in.
- C. All users not specified in /etc/hosts.deny will be allowed to log in.
- D. No user will be allowed to log in.

Answer: B

QUESTION NO: 128

The file /etc/ssh_host_key should be:

- A. world-readable
- B. readable to group sys
- C. readable to root only
- D. readable by all SSH users

Answer: D

QUESTION NO: 129

You've just rebooted your server. Users complain that the server is refusing secure connections. Which of the following is most likely causing this problem?

- A. The clients are not resolving the server name properly.
- B. sshd is not configured to start in the default runlevel.
- C. sshd is using tcpwrappers for security.
- D. The public keys have been corrupted on the server.
- E. The users need to restart their ssh-agent.

Answer: B

Explanation:

To enable the ssh connection sshd service should start. Probably on first reboot sshd service is not started. So you should start the sshd service. To start sshd service service sshd start
To start sshd service automatically on next reboot chkconfig sshd on

QUESTION NO: 130

To increase system security, it is often desirable to run daemons for system services with nonroot user ids. Which one of the following services can be run as a non-root user?

- A. inetd
- B. named
- C. rlogind
- D. crond
- E. telnetd

Answer: D

QUESTION NO: 131

You want to change the aging information in the /etc/shadow file. What is the best utility to use to do this?

- A. vi
- B. emacs
- C. usermod
- D. modinfo
- E. chage

Answer: E

QUESTION NO: 132

You've been reviewing your security checklist and one of the items calls for reviewing the `/etc/passwd` file. You cat the file and notice that, while most users have an x in the second column, a few have a 14 character string in the second column.

What action, if any, should you take?

- A. No action. The users with an x have their accounts locked.
- B. Run `pwconv` to convert the unix passwords to shadow passwords.
- C. Use the `passwd` program to give the users with the hashed passwords new passwords.
- D. Use the `passwd` program to give the users with the x new passwords.
- E. No action. Linux knows how to handle the situation and allow user logins.

Answer: B

QUESTION NO: 133

You've decided to convert from standard shadow passwords to MD5 passwords. You make the appropriate changes to the `/etc/pam.d/` files. What do you do next?

- A. Nothing, the passwords will be changed as users login and out.
- B. Nothing, users will be automatically prompted to change their passwords at the next login.
- C. You need to manually change all the passwords using the `passwd` program.
- D. Delete and recreate all the users.
- E. Change the `/etc/pam.d` files back because shadow passwords and MD5 passwords are incompatible.

Answer: C

QUESTION NO: 134 CORRECT TEXT

If you need to view per-user disk space usage on a filesystem, the _____ command can provide that information if the kernel is built to support it.

Answer: du

QUESTION NO: 135

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

QUESTION NO: 136

How many cron fields are there for specifying the time to execute a cron job?

- A. 1
- B. 3
- C. 4
- D. 5
- E. 6

Answer: D

QUESTION NO: 137

What command will unload a kernel module?

- A. rmmod
- B. unmod
- C. delmod
- D. modprobe
- E. unloadmod

Answer: A

Explanation:

rmmod is the simple program, which remove the modules from the kernel. To unload module from kernel. rmmod modulename or modprobe modulename

QUESTION NO: 138

When preparing to compile a new kernel, which of the following commands can be used to create the configuration file?

- A. make config

- B. make kernel
- C. ./configure
- D. make kernelconfig
- E. [Kernel Source Path]/Configure

Answer: A

Explanation:

While recompile the kernel, we can use config or oldconfig or menuconfig or xconfig command to create the configuration file.

QUESTION NO: 139

Which of the following could be used to load kernel modules for a 2.4.x kernel?

- A. vi/proc/modules
- B. rmmod
- C. kmod
- D. depmod

Answer: C

Explanation:

In 2.4.x version kernel, kmod command is used to load the modules.

QUESTION NO: 140

You have just recompiled a new kernel and rebooted your system with the new kernel. Unfortunately you are getting "Can't locate module" error messages. Which of the following is most likely to be the source of the problem?

- A. You copied the modules to the wrong directory.
- B. You did not configure modular support into the kernel.
- C. You did not run depmod after installing the modules.
- D. You did not install the modules.

Answer: B

Explanation:

:

There is one more step needed for the build process, however. You have created the kernel, but now you need to create all the loadable modules if you have them configured. Be aware that typical distribution kernels tend to have almost every feature installed, plus a few others for good

measure. These can typically take an hour or so to build on our Athlon XP1800. The stock kernels are somewhat leaner by default and take, on average, 25 minutes to compile. To build the modules we run:

```
$ make modules
```

If you forget to enter make modules command, you will get that message.

Follow these steps while recompile the kernel.

```
Installation steps cd/usr/srcbzcatlinux-2.4.17.tar.bz | tar xvf -cdlinuxmakeconfig | make
menuconfig | make xconfigmakedepmakecleanmakebzImagemakemodules (if modular
kernel)makemodules_install (if modular kernel)cpSystem.map /boot/System.map-
2.4.17cparch/i386/boot/bzImage /boot/vmlinuz-2.4.17cp.config /boot/config-
2.4.17mkinitrd/boot/initrd-<version> <kernel version> #
```

Depending on kernel configurationUpdate LILO or GRUBReboot into new kernel

QUESTION NO: 141

Some loadable kernel modules accept options at load time. This can be used to set interrupt or 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

QUESTION NO: 142 CORRECT TEXT

Which command will display messages from the kernel that were output during the normal bootup sequence?

Answer: dmesg

QUESTION NO: 143

You are having some trouble with a disk partition and you need to do maintenance on this partition but your users home directories are on it and several are logged in. Which command would disconnect the users and allow you to safely execute maintenance tasks?

- A. telinit 1