Exam: 117-102

Title : General Linux, Part 2

Ver   : 01.06.04

Section A

QUESTION 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 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 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 4 Which directory tree are you the least likely to backup or restore?
A. /tmp
B. /var
C. /proc
D. /usr
E. /usr
Answer: C

QUESTION 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 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 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 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 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

QUESTION 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 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 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

QUESTION 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 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 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 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 17 What command is the functional equivalent of the command "man -k search term"?
A. apropos search term
B. whatis search term

C. locate search term
D. find / -name search term
E. None of the selections
Answer: A

QUESTION 18 What command is the functional equivalent of the command "man -f search term"?
A. whatis search term
B. apropos search term
C. locate search term
D. find / -name search term
E. None of the selections
Answer: A

QUESTION 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

QUESTION 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

QUESTION 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 SXX telnet 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 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 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 24 What command could you use to confirm function of a ppp connection before establishing it?
A. minicom
B. HyperTerminal
C. set serial
D. modem set
E. None of the choices
Answer: A

QUESTION 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 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 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 28 What modprobe option will cause inactive kernel modules to be unloaded?
A. auto clean
B. inactive
C. remove
D. timeout

E. hold off
Answer: A

QUESTION 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 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 no overwrite
C. export OVERWRITE=no
D. alias >='!>'
E. None of the choices
Answer: A

QUESTION 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

QUESTION 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

QUESTION 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. net printer
E. net ip
Answer: A, B

QUESTION 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

QUESTION 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 36 What ppp option governs how long an interrupted connection will remain down before it attempts to reconnect?
A. hold down
B. hold off
C. inactive
D. delay
E. wait
Answer: B

QUESTION 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 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. lmhostsd
E. smbd
Answer: A

QUESTION 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 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 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 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 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 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 "root squash"

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 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

QUESTION 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 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 48 What will the following line in the /etc/exports file do?
/data snow blower(rw) bad host (ro)
A. Give snow blower rw access to the data share, deny bad host any access, and allow ro for all other hosts
B. Give snow blower rw access to the data share, give bad host ro access to share and deny all others
C. Give snow blower no access to the data share, give bad host rw access and set ro access for all others
D. Cause a syntax error
Answer: A

QUESTION 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 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 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

QUESTION 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 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 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 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. dhcpcd
Answer: C, D, E

QUESTION 56 Which two services resolve Netbios names to IP addresses?
A. WINS
B. NetbiosSVC
C. smbd
D. nmbd
E. DNS
Answer: A, D

QUESTION 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 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 59 What command is used to monitor connections to the SMB server?
A. smbclient
B. testparm
C. smbstatus
D. smbstat
Answer: C

QUESTION 60 Which of the following will run a file named my script every 23 minutes past midnight every two hours?
A. 23 0-23/2 * * * /my script
B. 23 */0-23 * * * /my script
C. 23 @2 * * * /my script
D. 11 2/0-23 * * * /my script
Answer: A

QUESTION 61 Which backup method resets the archive bit? Select all that apply.
A. Full
B. Incremental
C. Differential
D. Copy
E. Dir Tree
Answer: A, B

QUESTION 62 Which backup method will require the minimum tapes to restore?
A. Full
B. Incremental
C. Differential
D. Copy
E. Dir Tree
Answer: A

QUESTION 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 64 When using the PPP daemon make a connection, what option is set to configure it to use hardware flow control?
A. crtscts
B. rsync
C. nsync
D. connect
Answer: A

QUESTION 65 When using pppd which authentication protocol is the most secure?
A. clear text
B. PAP
C. CHAP
D. LAP
Answer: C

QUESTION 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 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 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

QUESTION 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

QUESTION 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 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 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 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 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 75 What command would load the module msdos.o and all its dependencies?
A. modinfo -a msdos
B. lsmod -a msdos
C. modprobe msdos
D. insmod -d msdos
Answer: C

QUESTION 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-dependencies
C. depmod -a
D. insmod -dependencies
Answer: C

QUESTION 77 Which port is used for DNS
A. 110
B. 21
C. 23
D. 52
E. 53
Answer: E

QUESTION 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 79 What command would rebuild the ld.so.cache file
A. ldd
B. ldconfig
C. ld.so.cache -rebuild
D. ld
Answer: B

QUESTION 80 On a debian system which of the following would build a boot disk
A. mkboot /dev/floppy
B. make boot --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: D

QUESTION 81 What configuration file and directive will alter your apache server IP and or port that it listens to?
A. Port
B. IP Address
C. Listen
D. MinSpareServers
Answer: C

QUESTION 82 What Apache directive must you change when using inetd to control your Apache server?
A. Server Type
B. ServerInetd
C. InetServer
D. Start Server
E. Server Method
Answer: A

QUESTION 83 Which Apache Directive specifies the location of the HTTP documents?
A. Root Document
B. Server Root
C. DocumentRoot
D. Root Server

E. Doc Path
Answer: C

QUESTION 84 What command can be used to shut down the Apache server gracefully
A. apache shut
B. apachectl
C. apache stop
D. apache start
Answer: B

QUESTION 85 What is the recommended setting for Start Servers in a medium sized Apache installation?
A. 5
B. 10
C. 15
D. 20
Answer: B

QUESTION 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 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 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 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

QUESTION 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 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 92 What command will tell you which groups you belong to?
Answer: groups

QUESTION 93 The correct crontab entry in the minutes column to create a command in cron that runs every two minutes would be _____.
Answer: */2

QUESTION 94 What is a file system type the dump utility can work with?
Answer: ext2

QUESTION 95 What one file system should you never restore (and therefore not backup): _____.
Answer: swap

QUESTION 96 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: server

QUESTION 97 To slave your NTP daemon to an external source, you need to modify the _____ variable in your /etc/ntp.conf file.
Answer:

QUESTION 98 NTP is used to synchronize the system ____ with a central system resource.
Answer: clock

QUESTION 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 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 101 Which protocol is used by ping?
A. TCP
B. UDP
C. SMB
D. ICMP
E. OSPF
Answer: D

QUESTION 102 What is the command most often used for configuring network interfaces?
Answer: ifconfig

QUESTION 103 On a system using shadowed passwords, the correct permissions for /etc/passwd are ____- and the correct permission for /etc/shadow are _____.
Answer: C

QUESTION 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 105 (c) 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. nsloopup

D. ifconfig
E. traceroute
Answer: E

QUESTION 106 According to the PPP HOWTO which piece of software could help you test a modem?
A. chat
B. dhcpd
C. minicom
D. Hylafax
E. netconfig
Answer: C

QUESTION 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 the netstat daemon has crashed.
Answer: E

QUESTION 108 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 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 run pppd from the command line.
C. The dial-on-demand option cannot be used.
D. You must use chap authentication.
Answer: A

QUESTION 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 tcp wrappers to only allow connections to ports 22 and 53.
Answer: D, E

QUESTION 111 To disable telnet service on a system, which action should you take?
A. Put NONE in /etc/telnet.allow

B. Remove the appropriate telnet 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 112 In what file are the mail aliases kept for Sendmail? (Provide the complete path)
A. /etc/aliases
B. /etc/mail aliases
C. /etc/sendmail.aliases
D. /etc/sendmail/aliases
E. /var/spool/mail/aliases
Answer: A

QUESTION 113 What directory be 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 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 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 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 117 What file contains a list of directories for an NFS daemon to server to other systems?
(Provide the complete answer)
Answer: /etc/exports

QUESTION 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 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 tcp wrappers configuration files.
D. Nothing, xinetd uses the same configuration files as inetd.
Answer: D

QUESTION 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 rule set 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 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 122 This is a line from the file /etc/export: /product Certkiller(rw) What does it mean?
A. Only user Certkiller may access the file system /product when it is NFS mounted.
B. This computer will mount the file system /product on Certkiller via NFS.
C. The file system /product is exported for NFS mount to computer Certkiller.
D. All NFS access to /product will use suid Certkiller.
Answer: C

QUESTION 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 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 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 126 This is the file /etc/named.boot from the computer named tellus with IP address 128.66.12.10.

directory   /etc

secondary Certkiller.com 128.66.12. Certkiller.com.hosts

secondary 66.128.IN-ADDR.ARPA 128.66.12.5 128.66.rev

primary 0.0.127.IN-ADDR.ARPA named.local cache

named.ca

From this file, you know that:

A. tellus is the primary DNS server for domain Certkiller.com.

B. There is a secondary DNS server for domain Certkiller.com at the IP address 128.66.12.5.

C. tellus is a secondary DNS server for domain Certkiller.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 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 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 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 tcp wrappers for security.
D. The public keys have been corrupted on the server.
E. The users need to restart their ssh-agent.
Answer: B

QUESTION 130 To increase system security, it is often desirable to run daemons for system services with non-root 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 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 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 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 134 If you need to view per-user disk space usage on a file system, the _____ command can provide that information if the kernel is built to support it.
Answer: du

QUESTION 135 What well-known service 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 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 137 What command will unload a kernel module?
A. rmmod
B. unmod
C. delmod
D. modprobe
E. unloadmod
Answer: A

QUESTION 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 kernel config
E. [Kernel Source Path]/Configure
Answer: A

QUESTION 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: A

QUESTION 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 dud not install the modules.
Answer: B

QUESTION 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 142 Which command will display messages from the kernel that were output during the normal boot up sequence?
Answer: dmesg

QUESTION 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
B. shutdown -r now
C. killall -9 inetd
D. /bin/netstop --maint
E. /etc/rc.d/init.d/network stop
Answer: E

QUESTION 144 You need to change the default runlevel. Which file do you need to edit? (Write the full path including the filename)
Answer: ./etc/inittab

QUESTION 145 Which of the following commands can be used to view kernel messages?
A. less dmesg
B. less /var/log/boot.log
C. cat /proc/kernel |less

D. cat /proc/dmesg
Answer: B

QUESTION 146 What program do you use to suspend a printer queue?
A. lpr
B. lpq
C. lpc
D. lpd
E. lprm
Answer: C

QUESTION 147 Which crontab entry could be used to set the system time at regular intervals?
A. 10 * * * date dt$24
B. 10 * * * set time dt$24
C. 10 * * * date<ntpl.digex.net
D. 10 * * * /usr/sbin/runcron date <ntpl.digex.net
E. 10 * * * /usr/sbin/ntpdate ntp1.digex.net> /dev/null2>&1
Answer: E

QUESTION 148 What would the following command do?
cat hosts | lpr -#2
A. Print the file hosts on the default printer two times.
B. Categorize hosts and print the categorization as job #2.
C. Output the file hosts to the line printer and assign it to the second printer queue.
D. Print the hosts file to STDOUT and assign the current print job to printer tray number 2.
Answer: A

QUESTION 149 The hosts.lpd file provides:
A. A list of network printer IP addresses.
B. A listening of printers available on the local network.
C. A listening of computers that have printer (lpd) daemons running.
D. A listening of hosts allowed to use printers on the local machine.
E. A list of hosts on the local network that are not allowed access to printers attached to the local machine.
Answer: D

QUESTION 150 Assume that on your system, there are man pages for both the command crontab and the configuration file for crontab.
What command would you use to access the man page for the crontab configuration file?
Answer: man crontab

QUESTION 151 You need to find all references in your system documentation to the word "copy". Which of the following will best accomplish this task?
A. man copy
B. which copy
C. locate copy
D. apropos copy

E. grep "copy" /usr/man/*

Answer: E

QUESTION 152 The main collection of Linux usenet newsgroups are found in which usenet hierarchy?

A. sys.linux

B. comp.linux

C. comp.os.linux

D. comp.sys.linux

E. comp.opsys.linux

Answer: C

QUESTION 153 What Internet based organization is primarily responsible for hosting and distributing the various Linux HOWTO's? (NOT the URL)

Answer: the linux documentation project

QUESTION 154 What file is displayed BEFORE users log in for users who log in to the machine locally?

A. /etc/issue

B. /etc/issue.net

C. /etc/motd

D. /etc/local.banner

Answer: A

QUESTION 155 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

QUESTION 156 Which two files in a user's home directory are used to customize the bash environment?

A. bash and .bashrc

B. bashrc and-bash_conf

C. bashrc and bashprofile

D. .bashrc and .bash_profile

E. bash.conf and .bash_profile

Answer: D

QUESTION 157 What is considered the normal exit value of a process?

Answer: 0 (or Zero)

QUESTION 158 You just installed a new system, but before you create any new users you want to ensure they have a subdirectory bin/ in their home directory. To ensure this directory is automatically created each time you add a new user, in what subdirectory should you create the directory?

Answer: /etc/skel

QUESTION 159 What BASH environment variable will prevent you from overwriting a file with a ">" or ">>"?
A. set-o safe
B. set-o noglob
C. set-o noclobber
D. set-o append
E. set-o no overwrite
Answer: C

QUESTION 160 You added /usr/local/bin to your PATH environment variable. Next you executed the command make, which calls gcc. This failed because gcc couldn't find the executable in /usr/local/bin that it needed.
To fix this, you should execute:
_____PATH allowable
Answer: export

Section B

QUESTION 1 What is the name of the Kernel configuration file? Type just the filename.
Answer: config

QUESTION 2 What command with options and arguments will display the mail servers for lpi.org?
Answer: dig lpi.org mx
Alternative correct answer: dig lpi.org MX

QUESTION 3 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

QUESTION 4 What file would you edit to make the current user's vi session options always take effect? Type the full path and filename.
Answer: /.exrc

QUESTION 5 You boot a freshly installed system loaded with all the defaults, xdm loads and crashes, and the system halts. How can you force the system to multi-user text mode with networking from the LILO: or boot: prompt?
Answer: linux 3

QUESTION 6 What command with options will find all files on your system that have either the SUID or GUID bits set? Type the exact command with options to accomplish this.
Answer: find / -perm +6000

QUESTION 7 What is the file that contains the settings and conversion parameters for the ftp server? Type in the name of the file only.
Answer: ftpconversions

QUESTION 8 What is the preferred documentation tool of the FSF? Type in the name of the tool only.
Answer: info

QUESTION 9 What file or utility is used by normal users to configure the cron daemon? Type in the name of the tool only.
Answer: crontab

QUESTION 10 What file with full path is used to set the location to query for hostname resolution outside of the local system?
Answer: /etc/resolv.conf

QUESTION 11 To stop immediately a DDOS attack from 10.1.1.128, what can you do? Type the command with the necessary options and arguments.
Answer: route add 10.1.1.128 lo

QUESTION 12 With a Class C address, and a subnet mask of 255.255.255.0, how many host addresses are assignable?
Answer: 254

QUESTION 13 What command will most effectively track a network path problem?
Answer: traceroute

QUESTION 14 What command will load groups of modules into the kernel as needed?
Answer: modprobe

QUESTION 15 Which local system networking file binds a hostname to an IP address? Type the full path and name of the file.
Answer: /etc/hosts

QUESTION 16 What program will determine basic connectivity to a remote host? Type just the name of the program.
Answer: ping

QUESTION 17 What file on a remote host should be configured to allow your host to print to it's already functioning printers? Type the full path and name of the file.
Answer: /etc/hosts.lpd

QUESTION 18 What file contains a list of shared directories on a Linux/Unix system? Type the full path and name of the file.
Answer: /etc/exports

QUESTION 19 To find the port used by a particular known service, you would look in what file? Type the full path and name of the file.
Answer: /etc/services

QUESTION 20 What command will flush all jobs on all print queues on a Linux system that uses the LPD daemon?
Type the command with any options and arguments.
Answer: lprm -a all

QUESTION 21 Your IP address is 1.2.3.3. Which command would add a default gateway using the network 1.2.3.4?
Answer: route add default gw 1.2.3.4

QUESTION 22 What command would help you test if your ppp connection was functional? Type just the command name.
Answer: minicom

QUESTION 23 Where are command line aliases defined for a user? Type the full path and name of the file for the currently logged in user.
Answer: /.bashrc

QUESTION 24 What file do you configure to make changes to your smbd and nmbd daemons? Type the full path and name of the file.
Answer: /etc/smb.conf
Alternative correct answer:
/etc/samba/smb.conf

QUESTION 25 After modifying /etc/exports, what must be done to make the modifications available to users?
Type the command with any options and arguments.
Answer: exportfs -a

QUESTION 26 To produce a compiled kernel with slightly better than standard compression, type the command with and any options and arguments to accomplish just the compilation.
Answer: make bzImage

QUESTION 27 What command will insert a single "!" symbol in from of the encrypted password in the system's shadow file? Type the command with any options and arguments.
Answer: usermod -L
passwd -l

QUESTION 28 What is the exact, case-sensitive option that governs flow-control for the ppp daemon?
Answer: crtscts

QUESTION 29 What file is used to deny hosts access to a system's printers? Type the filename including full path.
Answer: /etc/hosts.lpd

QUESTION 30 What command with switches allows you to set the defaults for the useradd command? Type the command with any options and arguments.
Answer: useradd -D

QUESTION 31 What file is used in recent apache distributions to configure the service? Type the full path and name of the file.
Answer: /etc/httpd.conf
Alternative correct answer:
/etc/httpd/httpd.conf

QUESTION 32 What commands with any options, will cause sendmail to recognize newly added aliases while it's running?
Answer: sendmail -bi
Alternative correct answer:
new aliases

QUESTION 33 In what file can you configure your name server resolution queries to use the localhost first? Type the full path and name of the file.
Answer: /etc/nsswitch.conf

QUESTION 34 When you execute the "ls" command, you suspect an alias is set for the command, how can you just execute the command? Type the exact string that will accomplish this.
Answer: \ls

QUESTION 35 In what directory does undelivered remote mail get stored in? Type the full path and name of the file.
Answer: /var/spool/mqueue

QUESTION 36 Which utility is used to create or update the modules.dep file? Type the command only.
Answer: depmod

QUESTION 37 What command can you use to determine the users connected to a Linux ftp server? Type just the command to accomplish this.
Answer: ftp who

QUESTION 38 What file is used to define a list of users that may NOT login to via the ftp daemon? Type just the name of the file.
Answer: ftpusers

QUESTION 39 To change your Ethernet interface eth0 to the IP address 10.4.4.100 with a default class C subnet mask, type the full command string to accomplish this.
Answer: ifconfig eth0 10.4.4.100 netmask 255.255.255.0

QUESTION 40 You are running a Red Hat machine. You have added a 2nd NIC to your machine and rebooted it. The card is detected in the BIOS but is not configured along with the eth0 interface upon network start. A file must be created to allow this interface to function. Type the full path and name of the file.
Answer: /etc/sysconfig/network-scripts/ifcfg-eth1

QUESTION 41 Undelivered mail for local system users is stored in what directory? Type the full path of the directory.
Answer: /var/spool/mail/username

QUESTION 42 What section of the Man pages are system administration commands in? Type the numeral of the section.
Answer: 8

QUESTION 43 What section of the Man pages are system files mentioned in? Type the numeral of the section.
Answer: 5

QUESTION 44 What command will display the active connections and Unix domain sockets for a running Linux machine with networking configured? Type just the command to accomplish this.
Answer: netstat

QUESTION 45 Converting from the inetd to xinetd services requires populating entries in what file, including the full path and name?
Answer: /etc/xinetd.conf

QUESTION 46 You have a job scheduled to run at 16:30 using the AT scheduler. When you type atq it displays the following information
[root@localhost root]# atq
2 2003-03-14 16:00 a root
[root@localhost root]#
Type in the command to remove only this job.
Answer: atrm 2

QUESTION 47 What command will show pending jobs that will be executed once on a given date and time? Type just the command to accomplish this.
Answer: atq

QUESTION 48 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

QUESTION 49 Where should you put the .pinerc file so that all new users get it as part of their initial creation? Type the full path of the directory.
Answer: /etc/skel

QUESTION 50 What command with options will show you the contents with associated pathnames of an archive file named archive.tar.gz? The file must not be unpacked with the command string. Type the full command string to accomplish this.
Answer: tar -tzvf archive.tar.gz
Alternative correct answers:
tar tzvf archive.tar.gz

tar zxvf archive.tar.gz
tar -zxvf archive.tar.gz

QUESTION 51 On a Red Hat system, with a single floppy drive and a returned output from the uname command of 2.4.20-12, what exact command string will create a customized boot disk for this system? Type the full command string to accomplish this.
Answer: mkbootdisk --device /dev/fd0 2.4.20-12

QUESTION 52 On a Debian-based system, what command will create a boot disk on the first floppy if your kernel image is named "vmlinux-2.4.18-4"? Type the full command string to accomplish this.
Answer: mkboot vmlinux-2.4.18-4
Alternative correct answer:
mkboot /boot/vmlinux-2.4.18-4

QUESTION 53 You need to view the hardware address and IP address information for all of your configured and active interfaces. Type the simplest command string that will accomplish this.
Answer: ifconfig

QUESTION 54 What command will most effectively send a list of certain files from a directory to the tar or cpio command? Type just the command name.
Answer: ls cat

QUESTION 55 On your system exists a file that is described as a map file that is used to update the MBR or first sector of the partition with the appropriate booting information. Type the full path and name of the file.
Answer: /etc/lilo.conf

QUESTION 56 In the /etc/resolv.conf file are entries that describe where DNS queries can resolve names to IP addresses. Given a DNS server with an IP address of 192.168.33.254, type the exact entry that should appear in this file.
Answer: name server 192.168.33.254

QUESTION 57 Your IP address is 170.35.13.28 and your network mask is 255.255.255.192. What host IP address is NOT a part of your local subnet?
A. 170.35.13.33
B. 170.35.13.88
C. 170.35.13.62
D. 170.35.13.55
Type in just the letter of the answer.
Answer: B
Alternative correct answer: b

QUESTION 58 Type in the simplest command to display the previous and current run level?
Answer: runlevel

QUESTION 59 When booting your system, you believe you saw an error message go by too quickly to see. Type in the command that will show the last system boot up messages.
Answer: dmesg

QUESTION 60 You are in run level 5 and wish to change to run level 1. Type in the simplest command to do this?
Answer: init 1
Alternative correct answers:
init s
init S

QUESTION 61 The dmesg command outputs information from which file, include full path?
Answer: /var/log/dmesg

QUESTION 62 Which process has a PID of 1. Type in the process name?
Answer: init

QUESTION 63 What is the name of the file and location that governs what run level is to be booted to on startup. Give full path and file name
Answer: /etc/inittab

QUESTION 64 You wish to list out in text all the daemons running and stopped on your system for all run levels. Type in the simplest command
Answer: chkconfig --list

QUESTION 65 You wish to change the daemons that start at a run level 3. Type in the command that would give a text menu based application to set the daemons for this runlevel
Answer: ntsysv --level 3

QUESTION 66 You wish to add the user king to the system including his home directory. Type in the simplest command to do this including switches
Answer: useradd -m king

QUESTION 67 You wish to remove the user stef from the system, including his home directories. Type in the simplest command to do this?
Answer: userdel -r stef

QUESTION 68 User Rick has been suspended from your company and you wish to lock his account to stop anyone using it. Type in the simplest command to do this.
Answer: usermod Rick -L
Alternative correct answer: passwd -l Rick

QUESTION 69 User king has been exiled to the marketing department who has a group name mktg. You now wish to change the primary group for the user king to the mktg group. Type in the simplest command to do this?
Answer: usermod -g mktg king

QUESTION 70 Your user matt has forgotten his passwd and you wish to reset it. Type in the command line to change his password. You are currently logged in as root.
Answer: passwd matt

QUESTION 71 What is the full path and file name of the file that contains the configuration files for system logging? Type in full path and file name.
Answer: /etc/syslog.conf

QUESTION 72 You wish to list the contents of your crontab. Type in the simplest command to do this.
Answer: crontab -l

QUESTION 73 You wish to make changes to your crontab entry. Type in the simplest command to make this change?
Answer: crontab -e

QUESTION 74 You wish to archive and compress all the files in your home directory starting with the word projects into a file called myprojects.tar.gz. You are currently in your home directory. Type in the command that would do this?
Answer: tar -czf myprojects.tar.gz projects*
Alternative correct answers:
tar czf myprojects.tar.gz projects*
tar -zcf myprojects.tar.gz projects*
tar zcf myprojects.tar.gz projects*

QUESTION 75 You have a tarball called myprojects.tar.gz and you wish to view the permissions and ownership of its contents without unpacking it. Type in the simplest command to do this.
Answer: tar -tzvf myprojects.tar.gz
Alternative correct answers:
tar tvzf myprojects.tar.gz
tar zvtf myprojects.tar.gz
tar ztvf myprojects.tar.gz

QUESTION 76 Type in the command to list your current kernel version, including any switches.
Answer: uname -a
Alternative correct answer: uname -r

QUESTION 77 You wish to install the module fat.o into the kernel. Type in the simplest command to do this. Assume there are no dependencies for this module.
Answer: insmod fat

QUESTION 78 You wish to remove a module from the kernel called fat. Type in the simplest command to do this. Assume this module has no dependencies.
Answer: rmmod fat

QUESTION 79 Type in the simplest command to list all loaded modules?
Answer: lsmod

QUESTION 80 You wish to get information on a module called msdos.o. Type in the simplest command that would list all information including author and description for the module.
Answer: modinfo msdos

QUESTION 81 You have a module called msdos.o which has a dependency on fat.o. What single command will load msdos.o and its dependant fat.o module in one command line?
Answer: modprobe msdos

QUESTION 82 Type in the simplest command, including any switches, to rebuild the modules.dep file after you have made changes to the modules.conf file.
Answer: depmod -a

QUESTION 83 You are using X and wish to build a new kernel. What X tool would you use to build the .config file. Type in just the command, not switches.
Answer: make xconfig

QUESTION 84 You have made changes to your /etc/lilo.conf file. Type in the simplest command that will reload the configuration to the MBR.
Answer: lilo

QUESTION 85 Type in the command to compile a kernel image with normal compression.
Answer: make zImage

QUESTION 86 Type the command to check the syntax and contents of the smb.conf file.
Answer: testparm

QUESTION 87 Type in the command to monitor connections to Samba.
Answer: smbstatus

QUESTION 88 Type in the name and full path to the network configuration file that defines the search order for name resolution.
Answer: /etc/nsswitch.conf

QUESTION 89 Type in the name of the file including path of the static host name to IP address configuration file.
Answer: /etc/hosts

QUESTION 90 Type in the name and full path to the config file that contains the IP address of DNS servers for hostname resolution.
Answer: /etc/resolv.conf

QUESTION 91 You need to access the site for HOWTO's, Guides and mini HOWTO's. Type in the full URL as it would appear in any browser, including the protocol.
Answer: http://www.linuxdoc.org
Alternative correct answer: http://www.tldp.org

QUESTION 92 Type in the command that is equivalent to man -k.
Answer: apropos

QUESTION 93 Type in the command that is equivalent to man -f.
Answer: whatis

QUESTION 94 You wish to restart the network daemon on a Red hat Server. Type in the command and any arguments that to accomplish this without using any absolutes pathnames.
Answer: service network restart

QUESTION 95 You wish to restart both Samba daemons. Type in the command and any arguments that to accomplish this without using any absolutes pathnames.
Answer: service smb restart

QUESTION 96 Type in the file and full path to the configuration file for the System logging daemons.
Answer: /etc/syslog.conf

QUESTION 97 You have just downloaded an application called rdesktop from the internet. The file downloaded is named rdesktop.tar.gz.
Type in the simplest command to decompress and untar this file into the current directory.
Answer: tar -zxf rdesktop.tar.gz
Alternative correct answer: tar zxf rdesktop.tar.gz

QUESTION 98 Type in the full path and name of the global environment and startup program configuration file. This file typically contains the PATH, umask and ulimit system wide settings.
Answer: /etc/profile

QUESTION 99 A user wishes to modify his Environment variable PATH, What file should you tell him to edit in his home directory. Give filename only, no path.
Answer: .bash_profile

QUESTION 100 Type in the name of the samba daemon that is responsible for WINS names resolution
Answer: nmbd

QUESTION 101 Type in the name of the samba daemon that is responsible for printer and file sharing?
Answer: smbd

QUESTION 102 Type in the name of the file including full path that holds contains a daily message viewed by users when they log in?
Answer: /etc/motd

QUESTION 103 Type in the name of file and full path to the file that holds a message for remote users about possible system outages.
Answer: /etc/issues.net

QUESTION 104 You wish to change you network settings permanently using a text/graphical tool. Type in the command to start this tool?
Answer: netconfig

QUESTION 105 What is the command to check the syntax of your /etc/inetd.conf?
Answer: tcpdchk

QUESTION 106 What command would be used to check the gpgp signature on a downloaded source file? Type just the name of the command.
Answer: gpg

QUESTION 107 What command was typed in to produce the output shown below. The entries shown are the full output of the command, less the actual command. Type the command and the options to reproduce similar output.
USER PID %CPU %MEM VSZ RSS TTY STAT START TIME COMMAND
root 394 0.0 0.0 1200 444 tty1 S 01:05 0:00 /sbin/getty 38400 tty1
root 396 0.0 0.0 1200 444 tty3 S 01:05 0:00 /sbin/getty 38400 tty3
root 397 0.0 0.0 1200 444 tty4 S 01:05 0:00 /sbin/getty 38400 tty4
root 398 0.0 0.0 1200 444 tty5 S 01:05 0:00 /sbin/getty 38400 tty5
root 399 0.0 0.0 1200 444 tty6 S 01:05 0:00 /sbin/getty 38400 tty6
root 423 0.0 0.0 1200 444 tty2 S 01:06 0:00 /sbin/getty 38400 tty2
root 426 0.2 0.3 2880 1964 pts/0 S 01:07 0:00 -bash
Answer: ps -au

QUESTION 108 You wish to execute the ls command but it appears to be aliased. What is the easiest way of execute the original ls command without the alias?
Answer: \ls