Exam Code: 117-102

Exam Name: Lpi Level 1 Exam 102
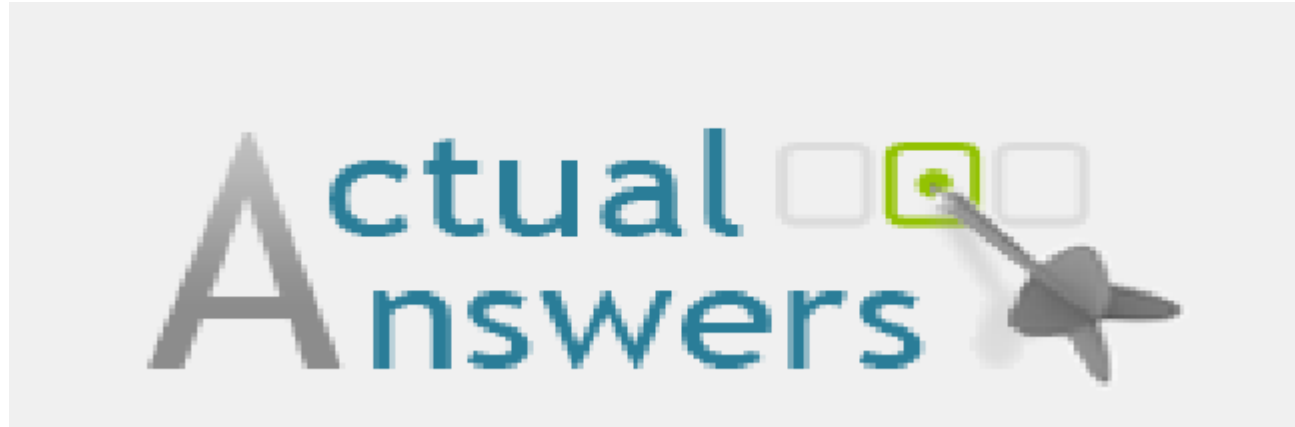
Exam A

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

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

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

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

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

Correct Answer: E
Section: (none)
Explanation

Explanation/Reference:

QUESTION 4
Which directory tree is ordinarily the least likely to be backup or restore?

A. /tmp
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B. /var
C. /proc
D. /usr
E. /usr

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

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

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

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

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

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

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

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

Correct Answer: AB
Section: (none)
Explanation

Explanation/Reference:

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

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:
lprm -a all command is used to flush all print job on all configured queues.

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

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

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

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

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

Correct Answer: ABD
Section: (none)
Explanation

Explanation/Reference:
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 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

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 14
Which two commands share the same database for retrieving information?

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

Correct Answer: AC
Section: (none)
Explanation

Explanation/Reference:

QUESTION 15
What command will show only complete word matches for a search term?

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

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 16
What command will show partial word matches for a search term?

A. apropos
B. locate

C. whereis

D. whatis

E. find

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 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

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 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

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

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

Correct Answer: AB
Section: (none)
Explanation

Explanation/Reference:
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 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

Correct Answer: AB
Section: (none)
Explanation

Explanation/Reference:
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 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

Correct Answer: AE
Section: (none)
Explanation

Explanation/Reference:

QUESTION 22
Which daemon or service can be configured as a non-root user?

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

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

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

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 24
What command could you use to confirm function of a ppp connection before establishing it?

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

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

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

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

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

Correct Answer: ABC
Section: (none)
Explanation

Explanation/Reference:

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

Correct Answer: A
Section: (none)
Explanation

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QUESTION 28
What modprobe option will cause inactive kernel modules to be unloaded?

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

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:
modprobe -k or --autoclean option will cause inactive kernel modules to be unloaded.

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

Correct Answer: ABC
Section: (none)
Explanation

Explanation/Reference:

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 nooverwrite
C. export OVERWRITE=no
D. alias >='!>'
E. None of the choices

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 31
Where can the lilo command install the boot menu and information? Choose all that apply.

A. Master Boot Record
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B. BIOS

C. First Sector of a Partition

D. BootBlk

E. Boot Prom

Correct Answer: AC
Section: (none)
Explanation

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

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

Correct Answer: E
Section: (none)
Explanation

Explanation/Reference:
Explanation:
We are now (finally) ready to start the actual kernel build. At the prompt type:
makebzImage Somecomputerswon'tworkwith'makebzImage',eitherduetohardware problemsorveryoldversionsofliloorloadlin.If your kernel image is small,you mayuse'make zImage','make zdisk',or'make zlilo' on the sesystems
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 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
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D. netprinter

E. netip

Correct Answer: AB
Section: (none)
Explanation

Explanation/Reference:
Explanation:
rm a remote machine (hostname) (with rp)
rp a remote printer name (with rm)

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

Correct Answer: BE
Section: (none)
Explanation

Explanation/Reference:
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 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

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 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

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

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

Correct Answer: AE
Section: (none)
Explanation

Explanation/Reference:

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

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

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

Correct Answer: BCDE
Section: (none)
Explanation

Explanation/Reference:

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 confguration files? Choose all that apply.

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

Correct Answer: ACD
Section: (none)
Explanation

Explanation/Reference:

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

Correct Answer: AB
Section: (none)
Explanation

Explanation/Reference:

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

Correct Answer: AB
Section: (none)
Explanation

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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

Correct Answer: ABD
Section: (none)
Explanation

Explanation/Reference:

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 "rootsquash"
D. NFS ignores all users with a UID of 0 and a GID of 0
E. NFS pays no attention whatsoever to security

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

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

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

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

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

Correct Answer: AD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 47
What protocol will allow you to keep accurate time on your hosts?

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

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 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

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

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

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

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

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

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

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
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 spearated 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 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

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

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

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

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

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

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

Correct Answer: CDE
Section: (none)
Explanation

Explanation/Reference:

QUESTION 56
Which two services resolve Netbios names to IP addresses?

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

Correct Answer: AD
Section: (none)
Explanation

Explanation/Reference:

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

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

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

Correct Answer: DE
Section: (none)
Explanation

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QUESTION 59
What command is used to monitor connections to the SMB server?

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

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 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

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 61
Which backup method resets the archive bit? Select all that apply.

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

Correct Answer: AB
Section: (none)
Explanation

Explanation/Reference:

QUESTION 62
Which backup method will require the minimum tapes to restore?

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

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

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

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:
This is a very old command.
The current correct answer is smbpasswed a <user> to add a user for samba.

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

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 65
When using pppd which authentication protocol is the most secure?

A. clear text
B. PAP
C. CHAP
D. LAP

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation: Explanation:
PAP sends all information as clear text.

CHAP sends all information as encrypted text.

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.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

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

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

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

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
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.

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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

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:
As the Kbuild documentation states:
Some computers won't work with make bzImage either due to hardware problem sorvery old version so fliloor load lin.If your kernel image is small you may use makezImage"makezdisk"or "makezlilo" on the sesystems.

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

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:
We see that for net 10.3.30 192.168.1. is the gateway and for default too and goes through eth0.
But there is no ifconfig etc. So the answer`192.168.1.1 is the default gateway` would be the most accurate.

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

Correct Answer: BC
Section: (none)
Explanation

Explanation/Reference:

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

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

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

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

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

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 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

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
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 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

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
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 77
Which port is used for DNS?

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

Correct Answer: E
Section: (none)
Explanation

Explanation/Reference:

QUESTION 78
Which ports are used for FTP data and control? Choose Two.

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

Correct Answer: AD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 79
What command would rebuild the ld.so.cache file?

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

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
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 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

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

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.
Bydefault 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 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

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 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

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 83
Which Apache Directive specifies the location of the HTTP documents?

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

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 84
What command can be used to shut down the Apache server gracefully?

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

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 85
What is the recommended setting for StartServers in a medium sized Apache installation?

A. 5
B. 10
C. 15

D. 20

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

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

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

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
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D. ping
E. telnet

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

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

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

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

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:
The lpc command is used to examine and control the print server operation. The lpc status command displays the administrative status of a print queue. The lpd program caches status and job information in order to improve performance. The lpc flush command will flush the cached information and cause the server to regenerate it. The lpc enable and lpc disable commands enable or disable spooling to the print queue, and the lpc stop and lpc start commands stop and start printing (or transfers) of jobs in the print queue. The lpc 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 90
Which two files are responsible for allowing users to execute cron jobs?

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A. /etc/cron.allow
B. /var/spool/cron.allow

C. /var/spool/cron.allow
D. /etc/cron.deny

Correct Answer: AD
Section: (none)
Explanation

Explanation/Reference:

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

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 92
CORRECT TEXT

What command will tell you which groups you belong to?

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: groups

QUESTION 93
CORRECT TEXT

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

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:

QUESTION 94
CORRECT TEXT

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

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:

QUESTION 95
CORRECT TEXT

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

A.
B.
C.

D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:

QUESTION 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

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: ntpdate
Explanation:
With the command ntpdate time.nist.gov you can set your clock.

QUESTION 97
CORRECT TEXT

To slave your NTP daemon to an external source, you need to modify the _____ variable in your

/etc/ntp.conf file.

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: server

QUESTION 98
CORRECT TEXT

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

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
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

Correct Answer: AE
Section: (none)
Explanation

Explanation/Reference:

QUESTION 100
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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

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:

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QUESTION 101
Which protocol is used by ping?

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

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 102
CORRECT TEXT

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

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
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 _____.

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-------
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Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

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

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 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. nsloopup

D. ifconfig

E. traceroute

Correct Answer: E
Section: (none)
Explanation

Explanation/Reference:

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

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

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.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 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.

A.

B.

C.

D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
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.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

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 tcpwrappers to only allow connections to ports 22 and 53.

Correct Answer: DE
Section: (none)
Explanation

Explanation/Reference:
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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

Correct Answer: E
Section: (none)
Explanation

Explanation/Reference:

QUESTION 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

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

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/

Correct Answer: E
Section: (none)
Explanation

Explanation/Reference:

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.
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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.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

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

Correct Answer: C
Section: (none)

Explanation

Explanation/Reference:

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

Correct Answer: AD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 117
CORRECT TEXT

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

the complete answer)

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: /etc/exports

QUESTION 118
What are reverse DNS entries used for?

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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.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

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

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

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 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.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

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

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 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.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

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.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

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

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

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

Correct Answer: A
Section: (none)

Explanation

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

directory/etc

secondarytestking.com128.66.12.testking.com.hosts

secondary66.128.IN-ADDR.ARPA128.66.12.5128.66.rev

primary0.0.127.IN-ADDR.ARPAnamed.local

cachenamed.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.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

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.
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Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

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

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:
Note: If you really mean the private ssh server key, it should bre readable only be root.
The public key have to readable by all SSH users.

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 tcpwrappers for security.
D. The public keys have been corrupted on the server.
E. The users need to restart their ssh-agent.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
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 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

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

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

Correct Answer: E
Section: (none)
Explanation

Explanation/Reference:

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.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

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.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 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.

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Explanation:
du - estimate file space usage
example: du -h file/directory.

QUESTION 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.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

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

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 137
What command will unload a kernel module?

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

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:
rmmod is the simple program, which remove the modules from the kernel. To unload module from kernel. rmmod modulename or modprobe-r modulename

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 kernelconfig
E. [Kernel Source Path]/Configure

Correct Answer: A
Section: (none)
Explanation

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

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

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:
In 2.4.x version kernel, kmod command is used to load the modules.

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.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation: 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 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

Correct Answer: E
Section: (none)
Explanation

Explanation/Reference:

QUESTION 142
CORRECT TEXT

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

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: dmesg
Explanation:
dmesg is the program helps users to print out their bootup messages. Either cat /var/log/dmesg or use dmesg command

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

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 144
You need to change the default run-level for the machine. Which file do you need to edit? (Write the full path including the filename)

A. /etc/init.d
B. /etc/init-table

C. /etc/inittab

D. /etc/init

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:
The file /etc/inittab contains the default run level as well as run level specific scripts.
id:3:initdefault:
If you haven't specified the run level system boots on run level 9 that is unknown run level.

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
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Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:
There are two log files contains the boot and kernel related log messages. /var/log/boot.log and /var/log/dmesg.

QUESTION 146
What program do you use to suspend a printer queue?

A. lpr

B. lpq

C. lpc

D. lpd

E. lprm

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:
The lpc command is used to examine and control the print server operation. The lpc status command displays the administrative status of a print queue. The lpd program caches status and job information in order to improve performance. The lpc flush command will flush the cached information and cause the server to regenerate it. The lpc enable and lpc disable commands enable or disable spooling to the print queue, and the lpc stop and lpc start commands stop and start printing (or transfers) of jobs in the print queue

QUESTION 147
Which crontab entry could be used to set the system time at regular intervals?

A. 10 * * * date dt$24

B. 10 * * * settime 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

Correct Answer: E
Section: (none)
Explanation

Explanation/Reference:

QUESTION 148
What would the following command do?

cat hosts | lpr -#2

A. Print the file hosts on the default printer two times.
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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.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
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.

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.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
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.
See the output of /etc/hosts.lpd
Station1.example.com
Station2.example.com
Station3.example.com
Only station1, 2 and 3 can send the print job.

QUESTION 150
CORRECT TEXT

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?

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: man 5 crontab

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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/*

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

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

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 153
CORRECT TEXT

What Internet based organization is primarily responsible for hosting and distributing the various Linux HOWTOs? (NOT the URL)

A.
B.
C.
D.

Correct Answer:

Explanation/Reference:
Answer: the linux documentation project
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

Correct Answer: A

Explanation/Reference:
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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

Correct Answer: C

Explanation/Reference:

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

Correct Answer: D

Explanation/Reference:

QUESTION 157
CORRECT TEXT

What is considered the normal exit value of a process?

A.
B.
C.
D.

Correct Answer:

Explanation/Reference:
Answer: 0 (or Zero)

QUESTION 158
CORRECT TEXT

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?

A.
B.
C.
D.

Correct Answer:

Explanation/Reference:

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 nooverwrite

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 160
CORRECT TEXT

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

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: export

QUESTION 161
Which of the following files has the correct permissions?

A. rw--w--w- 1 root root 369 Dec 22 22:38 /etc/shadow
B. rwxrw-rw- 1 root root 369 Dec 22 22:38 /etc/shadow
C. rw-r--r-- 1 root root 369 Dec 22 22:38 /etc/shadow
D. rw------- 1 root root 369 Dec 22 22:38 /ect/shadow

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 162
You have a user whose account you want to disable but not remove. What should you do?

A. Edit /etc/gshadow and just remove his name.
B. Edit /etc/passwd and change all numbers to 0.
C. Edit /etc/shadow file and remove the last field.
D. Edit /etc/passwd and insert an * after the first :.
E. Edit /etc/group file and put a # sign in front of his name.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 163
What is the purpose of the bash built-in export command?

A. To allow disks to be mounted remotely.
B. To run a command as a process in a sub-shell.
C. To make the command history available to sub-shells.
D. To setup environment variables for applications.
E. To share NFS partitions for use by other systems on the network.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 164
To correct crontab entry to execute the script chklog once per hour between 3 p.m. and 5 p.m.on

Monday and Thursday each week is:

A. 0 3,4,5 * * 2,5 chklog
B. 0 3,4,5 * * 1,4 chklog
C. 0 15,16;17 * * 1,4 chklog
D. 0 15,16,17 1,4 * * chklog
E. * 15,16,17 * * 1,4 chklog

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 165
CORRECT TEXT

You want to make sure all Bash users, when they login, get access to a new program in /opt/bin (not currently in their PATH). To ensure this you would put the command: PATH=$PATH:/opt/bin; export PATH in what file?

A.

B.

C.

D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: /etc/profile

QUESTION 166
You are working in a graphical environment and trying to configure PPP, but are having problems. You know that PPP uses the local2 facility for logging. To better watch what's going on, you decide to open an Xconsole session and sent all local2 messages there. How should you configure /etc/syslog.conf to show you all messages sent from PPP?

A. local2.* /dev/console

B. local2.* /dev/xconsole
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C. *.local2 /dev/xconsole

D. *.local2 *

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation: /etc/syslog.conf file the main configuration of syslogd and klogd service. In this file can specify the facility and priority.
Facility.priority
Example:
Mail.info : which means info priority of mail facility.

QUESTION 167
Which of the following correctly describe the relationship between depmod and modprobe?

A. depmod creates a dependency file for use by modprobe
B. modprobe creates a dependency file for use by depmod
C. they have no relationship
D. they can replace each other

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:
Depmod creates a "Makefile"-like dependency file, based on the symbols it finds in the set of modules mentioned on the command line or from the directories specified in the configuration file. This dependency file is later used by modprobe to automatically load the correct module or stack of modules.

QUESTION 168
The normal use of depmod is to include which of the following lines in one of the files in /etc/rc.d

so the correct module dependencies will be available after booting the system?

A. /sbin/depmod -a
B. /sbin/depmod -p
C. /sbin/depmod -r
D. /sbin/depmod -c

Correct Answer: A

Section: (none)
Explanation

Explanation/Reference:
Explanation:
As described by http://www.oreillynet.com/linux/cmd/d/depmod.html, depmod creates a

dependency file for the modules given on the command line. This dependency file can be used by modprobe to automatically load the relevant modules. The normal use of depmod is to include the line /sbin/depmod -a in one of the files in /etc/rc.d so the correct module dependencies will be available after booting the system.

QUESTION 169
What command option of depmod allows you to print a list of all unresolved symbols?

A. -e
B. -l
C. -i
D. -a

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:
depmod creates a dependency file for the modules given on the command line. -e: Print a list of all unresolved symbols.

QUESTION 170
Which of the following commands loads the module file into the kernel and changes any symbols that are defined on the command line?

A. insmod
B. depmod
C. modprobe
D. setmod

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:
insmod is a system administration command. Load the module file into the kernel, changing any symbols that are defined on the command line. If the module file is named file.o or file.mod, the module will be named file.

QUESTION 171
What option of the insmod command can you use to force the loading of module even if problems

are encountered?

A. -f
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B. -F
C. -u
D. -r

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:
insmod is a system administration command. -f: Force loading of module, even if some problems are encountered.

QUESTION 172
Which of the following commands installs a loadable module in the running kernel?

A. insmod
B. depmod
C. modprobe
D. setmod

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:
insmod installs a loadable module in the running kernel. It tries to link a module into the running kernel by resolving all symbols from the kernel's exported symbol table.

QUESTION 173
insmod tries to link a module into the running kernel by resolving all symbols obtained from:

A. the kernel's exported symbol table.

B. the kernel's internal pointer base.

C. the user command argument list.

D. None of the choices

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:
insmod installs a loadable module in the running kernel. It tries to link a module into the running kernel by resolving all symbols from the kernel's exported symbol table.

QUESTION 174
With insmod, the paths listed in /etc/modules.conf override the paths defined in MODPATH.

A. true

B. false
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Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:
If the module file name is given without directories or extension, insmod will search for the module in some common default directories. The environment variable MODPATH can be used to override this default. If a module configuration file such as /etc/modules.conf exists, it will override thepaths defined in MODPATH.

QUESTION 175
Lsmod shows information about:

A. all loaded modules.

B. all updatable modules.

C. all non-updatable modules.

D. all unloaded modules.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:
Lsmod shows information about all loaded modules. The format is name, size, use count, list of referring modules. The information displayed is identical to that available from /proc/modules.

QUESTION 176
CORRECT TEXT

What is the name of the Kernel configuration file? Type just the filename.

A.

B.

C.

D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: config
Explanation:
config hidden file is the kernel configuration file so while you recompile the kernel, you should copy the .config file into /boot.
Example:
cp .config /boot/config-2.4.17

QUESTION 177
CORRECT TEXT

What command with options and arguments will display the mail servers for lpi.org?

A.

B.

C.

D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: dig lpi.org mx

QUESTION 178
CORRECT TEXT

Type the full path and name of the file whose global read bit you would change to deny normal

users the ability to get useful information from the who and w commands.

A.

B.

C.

D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: /var/run/utmp

QUESTION 179
CORRECT TEXT

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

A.

B.

C.

D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:

QUESTION 180
CORRECT TEXT

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?

A.

B.

C.

D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: linux 3
Explanation:
There is a configuration file named /etc/inittab contains default runlevel, run level specific scripts etc. If you want to boot the system other than default runlevel you can pass the kernel argument from boot loader. When you get the lilo screen, press ctrl+x and type linux runlevel.
The available runlevel are:
0 - halt (Do NOT set initdefault to this)
1 - Single user mode
2 - Multiuser, without NFS (The same as 3, if you do not have networking) 3 - Full multiuser mode
4 - unused
5 - X11
6 - reboot (Do NOT set initdefault to this)
Runlevel 3 is called multi user so you should boot your system on run level 3 using linux3

QUESTION 181
CORRECT TEXT

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.

A.

B.

C.

D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: find / -perm +6000

QUESTION 182
CORRECT TEXT

What is the file that contains the settings and conversion parameters for the ftp server?

Type in the ame of the file only

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: ftpconversions

QUESTION 183
CORRECT TEXT

What is the preferred documentation tool of the FSF?

Type in the name of the tool only

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:

QUESTION 184
CORRECT TEXT

What file or utility is used by normal users to configure the cron daemon?

Type in the name of the tool only

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: crontab

QUESTION 185
CORRECT TEXT

What file with full path is used to set the location to query for hostname resolution outside of the local system?

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: /etc/resolv.conf

QUESTION 186
CORRECT TEXT

To immediately stop a DDOS attack from 10.1.1.128, what can you do?

Type the command with the necessary options and arguments.

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: route add 10.1.1.128 lo

QUESTION 187
CORRECT TEXT

With a Class C address, and a subnet mask of 255.255.255.0, how many host addresses are assignable?

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:

QUESTION 188
CORRECT TEXT

What command will most effectively track a network path problem?

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: traceroute

QUESTION 189
CORRECT TEXT

What command will load groups of modules into the kernel as needed?

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: modprobe
Explanation:
modprobe command load the modules with it's all dependencies by reading modules.dep file.

QUESTION 190
CORRECT TEXT

Which local system networking file binds a hostname to an IP address?

Type the full path and name of the file.

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: /etc/hosts

QUESTION 191
CORRECT TEXT

What program will determine basic connectivity to a remote host?

Type just the name of the program.

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:

QUESTION 192
CORRECT TEXT

What file on a remote host should be configured to allow your host to print to its already functioning printers?

Type the full path and name of the file.

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: /etc/hosts.lpd
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.

QUESTION 193
CORRECT TEXT

What file contains a list of shared directories on a Linux/Unix system?

Type the full path and name of the file.

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: /etc/exports

QUESTION 194
CORRECT TEXT

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.

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: /etc/services

QUESTION 195
CORRECT TEXT

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.

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: lprm -a all
Explanation:
lprm -a all command is used to flush all print job on all configured queues.

QUESTION 196
CORRECT TEXT

Your IP address is 1.2.3.3. Which command would add a default gateway using the network

1.2.3.4?

A.

B.

C.

D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: route add default gw 1.2.3.4

QUESTION 197
CORRECT TEXT

What command would help you test if your ppp connection was functional?

Type just the command name.

A.

B.

C.

D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: minicom

QUESTION 198
CORRECT TEXT

Where are command line aliases defined for a user?

Type the full path and name of the file for the currently logged in user.

A.

B.

C.

D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: /.bashrc

QUESTION 199
CORRECT TEXT

What file do you configure to make changes to your smbd and nmbd daemons?

Type the full path and name of the file.

A.

B.

C.

D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: /etc/smb.conf

QUESTION 200
CORRECT TEXT

After modifying /etc/exports, what must be done to make the modifications available to users?

Type the command with any options and arguments.

A.

B.

C.

D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: exportfs a

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QUESTION 201
CORRECT TEXT

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.

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: make bzImage

QUESTION 202
CORRECT TEXT

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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.

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: usermod -L
passwd -l

QUESTION 203
CORRECT TEXT

What is the exact, case-sensitive option that governs flow-control for the ppp daemon?

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: crtscts

QUESTION 204
CORRECT TEXT

What file is used to deny hosts access to a system's printers?

Type the filename including full path.

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: /etc/hosts.lpd
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.

QUESTION 205
CORRECT TEXT

What command with switches allows you to set the defaults for the useradd command?

Type the command with any options and arguments.

A.

B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: useradd -D

QUESTION 206
CORRECT TEXT

What file is used in recent apache distributions to configure the service?

Type the full path and name of the file.

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: /etc/apache/httpd.conf
Answer: /etc/apache2/httpd.conf
Explanation:
On new systems (since Suse Linux V9.0) are these the correct files. On older systems (before Suse Linux V9.0) the apache config file is found in /etc/httpd.conf

QUESTION 207
CORRECT TEXT

What commands with any options, will cause sendmail to recognize newly added aliases while it's running?

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: sendmail -bi

QUESTION 208
CORRECT TEXT

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.

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: /etc/nsswitch.conf

QUESTION 209
CORRECT TEXT

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.

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:

QUESTION 210
CORRECT TEXT

In what directory does undelivered remote mail get stored in?

Type the full path and name of the file.

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: /var/spool/mqueue

QUESTION 211
CORRECT TEXT

Which utility is used to create or update the modules.dep file?

Type the command only.

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: depmod
Explanation:
depmod creates a list of module dependencies, by reading each module under

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/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. The normal use of depmod is to include the line /sbin/depmod -a in one of the files in /etc/rc.d so the correct module dependencies will be available after booting the system. depmod -e prints a list of all unresolved symbols.

QUESTION 212
CORRECT TEXT

What commmand can you use to determine the users connected to a Linux ftp server?

Type just the command to accomplish this.

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: ftpwho

QUESTION 213
CORRECT TEXT

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.

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: ftpusers

QUESTION 214
CORRECT TEXT

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.

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: ifconfig eth0 10.4.4.100 netmask 255.255.255.0 Explanation:
ifconfig eth0 10.4.4.100 netmask 255.255.255.0
Alternative correct Answer: ifconfig eth0 10.4.4.100 netmask 255.255.255.0 up With the option up
- you set these inferface active.

QUESTION 215
CORRECT TEXT

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.

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: /etc/sysconfig/network-scripts/ifcfg-eth1

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QUESTION 216
CORRECT TEXT

Undelivered mail for local system users is stored in what directory?

Type the full path of the directory.

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: /var/spool/mail/username

QUESTION 217
CORRECT TEXT

What section of the Man pages are system administration commands in?

Type the numeral of the section.

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:

QUESTION 218
CORRECT TEXT

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

Type the numeral of the section.

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:

QUESTION 219
CORRECT TEXT

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.

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: netstat

QUESTION 220
CORRECT TEXT

Converting from the inetd to xinetd services requires populating entries in what file, including the

full path and name?

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: /etc/xinetd.conf

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QUESTION 221
CORRECT TEXT

You have a job schedueled 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

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:

QUESTION 222
CORRECT TEXT

What command will show pending jobs that will be executed once on a given date and time?

Type just the command to accomplish this.

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:

QUESTION 223
CORRECT TEXT

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

Type the full path and name of the file.

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: /var/log/wtmp

QUESTION 224
CORRECT TEXT

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.

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: /etc/skel

QUESTION 225
CORRECT TEXT

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.

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: tar -tzvf archive.tar.gz

QUESTION 226
CORRECT TEXT

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.

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: mkbootdisk --device /dev/fd0 2.4.20-12
Explanation:
mkbootdisk creates a boot floppy appropriate for the running system. The boot disk is entirely self- contained, 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.
Bydefault mkbootdisk creates the boot disk on first floppy device. If you want to specify the device use the --device option. We can print the kernel version using uname -r command.

QUESTION 227
CORRECT TEXT

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.

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: mkboot vmlinux-2.4.18-4
Answer: mkboot /boot/vmlinux-2.4.18-4
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. Bydefault 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 228
CORRECT TEXT

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.

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: ifconfig

QUESTION 229
CORRECT TEXT

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.

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:

QUESTION 230
CORRECT TEXT

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.

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: /etc/lilo.conf
Explanation:
/etc/lilo.conf is the file used by lilo command to update the MBR or first sector of the partition with the appropriate booting information ie. root partition, kernel file etc.

QUESTION 231
CORRECT TEXT

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

A.

B.

C.

D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: nameserver 192.168.33.254

QUESTION 232
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
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Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation: Subnetmask is 255.255.255.192
Network ID is : 256-192=64
64 host can belongs to one subnet but usable hosts are 62. First Subnet is 1-64 So B is correct answer.

QUESTION 233
CORRECT TEXT

Type in the simplest command to display the previous and current run level?

A.

B.

C.

D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: runlevel
Explanation:
runlevel-- find the current and previous system runlevel.
See the output of runlevel
N 3 alt means currently system running on runlevel 3 and not switched to any runlevel.

QUESTION 234
CORRECT TEXT

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 bootup messages

A.

B.

C.

D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: dmesg

QUESTION 235
CORRECT TEXT

You are in run level 5 and wish to change to run level 1.

Type in the simplest command to do this?

A.

B.

C.

D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:

QUESTION 236
CORRECT TEXT

The dmesg command outputs information from which file, inlcude full path?

A.

B.

C.

D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: /var/log/dmesg
Explanation:
dmesg is the program helps users to print out their bootup messages. Either cat /var/log/dmesg or use dmesg command

QUESTION 237
CORRECT TEXT

Which process has a PID of 1.

Type in the process name?

A.

B.

C.

D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Explanation:
init process has 1 process ID so init is called the parent of all process. You can check the process tree using pstree and using top command PID, memory stats, nice value etc.

QUESTION 238
CORRECT TEXT

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

A.

B.

C.

D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: /etc/inittab
Explanation:
The file /etc/inittab contains the default run level as well as run level specific scripts.
id:3:initdefault:
If you haven't specified the run level system boots on run level 9 that is unknown run level.

QUESTION 239
CORRECT TEXT

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

A.

B.

C.

D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: chkconfig --list
Explanation:
relieving system administrators of the task of directly manipulating the numerous symbolic links in those directories. To list the all services running and stopped (status) for all run levels.
chkconfig -list

To list the specific service:
chkconfig --list atd

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QUESTION 240
CORRECT TEXT

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

A.

B.

C.

D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: ntsysv --level 3

QUESTION 241
CORRECT TEXT

You wish to add the user Sheets to the system including his home directory.

Type in the simplest command to do this including switches

A.

B.

C.

D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: useradd -m Sheets

QUESTION 242
CORRECT TEXT

You wish to remove the user stef from the system, including his home directories.

Type in the simplest command to do this?

A.

B.

C.

D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: userdel -r stef

QUESTION 243
CORRECT TEXT

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

A.

B.

C.

D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: usermod rick -l
Answer: usermod l rick
Answer: passwd -l rick
Explanation: We can lock the user account either usermod or passwd command.
#usermod l username : Which locks the user account
#usermod u username : which unlocaks the user account

QUESTION 244
CORRECT TEXT

User Sheets has been exiled to the marketing department who has a group name mktg. You now

wish to change the primary group for the user Sheets to the mktg group.

Type in the simplest command to do this?

A.

B.

C.

D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: usermod -g mktg Sheets

QUESTION 245
CORRECT TEXT

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.

A.

B.

C.

D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: passwd matt

QUESTION 246
CORRECT TEXT

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.

A.

B.

C.

D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: /etc/syslog.conf

QUESTION 247
CORRECT TEXT

You wish to list the contents of your crontab.

Type in the simplest command to do this

A.

B.

C.

D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: crontab -l

QUESTION 248
CORRECT TEXT

You wish to make changes to your crontab entry.

Type in the simplest command to make this change?

A.

B.

C.

D.

Correct Answer:
Section: (none)

Explanation

Explanation/Reference:
Answer: crontab -e

QUESTION 249
CORRECT TEXT

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?

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: tar -czf myprojects.tar.gz projects*

QUESTION 250
CORRECT TEXT

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.

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: tar -tzvf myprojects.tar.gz

QUESTION 251
CORRECT TEXT

Type in the command to list your current kernel version, including any switches

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: uname -a
Explanation:
uname command print the system information ie kernel version, kernel name, machine hardware name etc.
Syntax: uname [option]
Options: -a or -all a print all information, in the following order:
-r or --kernel-release a print the kernel release

QUESTION 252
CORRECT TEXT

You wish to install the module fat.o into the kernel.

Type in the simplest command to do this. Assume there are no dependancies for this module.

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: insmod fat
Explanation:
insmod is a command insert the module into the kernel but it can't resolves the dependencies so to load the module into the kernel with dependencies use the modporbe command.

QUESTION 253
CORRECT TEXT

You wish to remove a module from the kernel called fat.

Type in the simplest command to do this. Assume this module has no dependancies.

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: rmmod fat
Explanation:
rmmod command removes the module from the kernel. If there are other dependencies modules then rmmod command can't remove the module. To remove the fat module from the kernel.
rmmod fat

QUESTION 254
CORRECT TEXT

Type in the simplest command to list all loaded modules?

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: lsmod
Explanation:
lsmod shows information about all loaded modules. The format is name, size, use count, list of referring modules. The information displayed is identical to that available from /proc/modules.

QUESTION 255
CORRECT TEXT

You wish to get infomation on a module called msdos.o.

Type in the simplest command that would list all information including author and description for the module.

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: modinfo msdos
Explanation:
modinfo extracts information the Linux Kernel modules given on the command line. If the module name is not a filename, then the /lib/modules/version directory is searched, as done by modprobe Syntax: modinfo modulename or filename
Example:
modinfo ext3
Sample output
filename: /lib/modules/2.6.9-5.EL/kernel/fs/ext3/ext3.ko author: Remy Card, Stephen Tweedie, Andrew Morton, Andreas Dilger, Theodore Ts'o and others
description: Second Extended Filesystem with journaling extensions license: GPL
vermagic: 2.6.9-5.EL 686 REGPARM 4KSTACKS gcc-3.4
depends: jbd

QUESTION 256
CORRECT TEXT

You have a module called msdos.o which has a dependancy on fat.o.

What single command will load msdos.o and its dependant fat.o module in one command line?

A.
B.
C.
D.

Correct Answer:

Section: (none)
Explanation

Explanation/Reference:
Answer: modprobe msdos
Explanation:
modprobe command load the modules with it's all dependencies by reading modules.dep file.

QUESTION 257
CORRECT TEXT

Type in the simplest command, including any switchs, to rebuild the modules.dep file after you have made changes to the modules.conf file.

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: depmod -a
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. The normal use of depmod is to include the line /sbin/depmod -a in one of the files in /etc/rc.d so the correct module dependencies will be available after booting the system. depmod -e prints a list of all unresolved symbols.

QUESTION 258
CORRECT TEXT

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

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: make xconfig
Explanation:
xconfigis a graphical frontend using qconfby Roman Zippel. It requires the qtand X libraries to build and use. The interface is intuitive and customizable. Online help is automatically shown for each kernel configuration option. It also can show dependency information for each module which can help diagnose build errors.

QUESTION 259
CORRECT TEXT

You have made changes to your /etc/lilo.conf file.

Type in the simplest command that will reload the configuration to the MBR

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Explanation:
/etc/lilo.conf is the file used by lilo command to update the MBR or first sector of the partition with the appropriate booting information ie. root partition, kernel file etc. After reconfiguring the file you

should update the MBR or first sector of boot partition using lilo command.

QUESTION 260
CORRECT TEXT

Type in the command to compile a kernel image with normal compression

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: make bzImage
Explanation:
finally ready to start the actual kernel build with make bzimage command. At the prompt type:
makebzImage it will create the kernel image with normal compression.

QUESTION 261
CORRECT TEXT

Type the command to check the syntax and contents of the smb.conf file.

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: testparm

QUESTION 262
CORRECT TEXT

Type in the command to monitor connections to Samba

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: smbstatus

QUESTION 263
CORRECT TEXT

Type in the name and full path to the network configuration file that defines the search order for name resolution

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: /etc/nsswitch.conf

QUESTION 264
CORRECT TEXT

Type in the name of the file including path of the static host name to IP address configuration file

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: /etc/hosts

QUESTION 265
CORRECT TEXT

Type in the name and full path to the config file that contains the IP address of DNS servers for

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hostname resolution

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: /etc/resolv.conf

QUESTION 266
CORRECT TEXT

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.

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: http://www.linuxdoc.org
Alternative correct Answer: http://www.tldp.org

QUESTION 267
CORRECT TEXT

Type in the command that is equivalent to man -k

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: apropos

QUESTION 268
CORRECT TEXT

Type in the command that is equivalent to man -f

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: whatis

QUESTION 269
CORRECT TEXT

You wish to restart the network daemon on a Redhat Server.

Type in the command and any arguments that to accomplish this without using any absolutes pathnames

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: service network restart

QUESTION 270
CORRECT TEXT

You wish to restart both Samba daemons.

Type in the command and any arguments that to accomplish this without using any absolutes pathnames

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: service smb restart

QUESTION 271
CORRECT TEXT

Type in the file and full path to the configuration file for the Sytem logging daemons

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: /etc/syslog.conf

QUESTION 272
CORRECT TEXT

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.

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: tar -zxf rdesktop.tar.gz

QUESTION 273
CORRECT TEXT

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.

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: /etc/profile

QUESTION 274
CORRECT TEXT

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.

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: .bash_profile

QUESTION 275
CORRECT TEXT

Type in the name of the samba daemon that is responsible for WINS names resolution.

A.

B.

C.

D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:

QUESTION 276
CORRECT TEXT

Type in the name of the samba daemon that is responsible for printer and file sharing?

A.

B.

C.

D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:

QUESTION 277
CORRECT TEXT

Type in the name of the file including full path that holds contains a daily message viewed by users when they log in?

A.

B.

C.

D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: /etc/motd

QUESTION 278
CORRECT TEXT

Type in the name of file and full path to the file that holds a message for remote users about possible system outages.

A.

B.

C.

D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: /etc/issues.net

QUESTION 279
CORRECT TEXT

You wish to change you network settings permanently using a text/graphical tool.

Type in the command to start this tool?

A.

B.

C.

D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: netconfig

QUESTION 280
CORRECT TEXT

What is the command to check the syntax of your /etc/inetd.conf?

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: tcpdchk

QUESTION 281
CORRECT TEXT

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

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:

QUESTION 282
CORRECT TEXT

What command was typed in to produce the output shown below. The entries shown are the full

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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

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: ps aux
Answer: ps aux

QUESTION 283
CORRECT TEXT

You wish to execute the ls command but it appears to be aliased. What is the easiest way of execute the orignal ls command without the alias?

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:

QUESTION 284
CORRECT TEXT

You are using insmod. You do not want to use the default configuration file /etc/modules.conf.

What environment variable should you modify:

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: MODULECONF
Answer: moduleconf
Explanation:
The environment variable MODULECONF can also be used to select a different configuration file from the default /etc/modules.conf (or /etc/conf.modules (deprecated)). This environment variable will override all the definitions above.

QUESTION 285
CORRECT TEXT

If the module file name is given without directories or extension, insmod will search for the module in some common default directories. What environment variable can be used to override this:

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: MODPATH
Answer: modpath
Explanation:
If the module file name is given without directories or extension, insmod will search for the module in some common default directories. The environment variable MODPATH can be used to override this default. If a module configuration file such as /etc/modules.conf exists, it will override the paths defined in MODPATH.

QUESTION 286
Lsmod shows information in which of the following formats?

A. name, size, use count, list of referring modules
B. name, use count, list of referring modules, size
C. name, size, list of referring modules, use count
D. None of the choices

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:
Lsmod shows information about all loaded modules. The format is name, size, use count, list of referring modules. The information displayed is identical to that available from /proc/modules.
See the sample output
Module Size Used by
i915 81349 2
md5 4033 1
ipv6 232705 10
parport_pc 24705 1
lp 12077 0
parport 37129 2 parport_pc,lp
autofs4 23237 0
sunrpc 157093 1
dm_mod 54741 2
button 6481 0
battery 8901 0
ac 4805 0
raid1 19905 1
uhci_hcd 31065 0
ehci_hcd 30917 0

snd_intel8x0 33769 0
snd_ac97_codec 63889 1 snd_intel8x0
snd_pcm_oss 49017 0
snd_mixer_oss 17985 1 snd_pcm_oss
snd_pcm 96841 2 snd_intel8x0,snd_pcm_oss
snd_timer 29893 1 snd_pcm
snd_page_alloc 9673 2 snd_intel8x0,snd_pcm
snd_mpu401_uart 8769 1 snd_intel8x0
snd_rawmidi 26597 1 snd_mpu401_uart
snd_seq_device 8137 1 snd_rawmidi

snd 54949 9
snd_intel8x0,snd_ac97_codec,snd_pcm_oss,snd_mixer_oss,snd_pcm,snd_timer,snd_mpu401_u art,snd_rawmidi,snd_seq
soundcore 9889 1 snd
8139too 25921 0
mii 4673 1 8139too
floppy 58481 0
ext3 116809 6
jbd 71257 1 ext3

QUESTION 287
The information displayed by lsmod is identical to that available from:

A. /proc/modules.
B. /proc/depmod.
C. /proc/ls.
D. /proc/lsmod.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:
Lsmod shows information about all loaded modules. The format is name, size, use count, list of referring modules. The information displayed is identical to that available from /proc/modules.
cat /proc/modules
Module Size Used by
i915 81349 2
md5 4033 1
ipv6 232705 10
parport_pc 24705 1
lp 12077 0
parport 37129 2 parport_pc,lp
autofs4 23237 0

sunrpc 157093 1
dm_mod 54741 2
button 6481 0
battery 8901 0
ac 4805 0
raid1 19905 1
uhci_hcd 31065 0
ehci_hcd 30917 0
snd_intel8x0 33769 0
snd_ac97_codec 63889 1 snd_intel8x0
snd_pcm_oss 49017 0
snd_mixer_oss 17985 1 snd_pcm_oss
snd_pcm 96841 2 snd_intel8x0,snd_pcm_oss
snd_timer 29893 1 snd_pcm
snd_page_alloc 9673 2 snd_intel8x0,snd_pcm
snd_mpu401_uart 8769 1 snd_intel8x0
snd_rawmidi 26597 1 snd_mpu401_uart
snd_seq_device 8137 1 snd_rawmidi
snd 54949 9
snd_intel8x0,snd_ac97_codec,snd_pcm_oss,snd_mixer_oss,snd_pcm,snd_timer,snd_mpu401_u art,snd_rawmidi,snd_seq
soundcore 9889 1 snd
8139too 25921 0
mii 4673 1 8139too
floppy 58481 0
ext3 116809 6
jbd 71257 1 ext3

QUESTION 288
What command should you use to unload loadable modules from the running kernel?

A. rmmod
B. remove -mod
C. delmod
D. unload module

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:
Rmmod unloads loadable modules from the running kernel. Rmmod tries to unload a set of modules from the kernel, with the restriction that they are not in use and that they are not referred to by other modules. If more than one module is named on the command line, the modules will be

removed simultansously. This supports unloading of stacked modules.

QUESTION 289
What command option of rmmod specifies that all outputs be sent to syslog?

A. -a
B. -i

C. -s

D. -d

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:
Rmmod unloads loadable modules from the running kernel. -s: Output everything to syslog(3) instead of the terminal.
Syntax:
Rmmod -s or --syslog modulename
Where -s or --syslog a Send errors to the syslog, instead of standard error.

QUESTION 290
What utility examines the object file module_file associated with a kernel module and displays

any information that it can glean?

A. modinfo

B. modprobe

C. insmod

D. depmod

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:
modinfo extracts information the Linux Kernel modules given on the command line. If the module name is not a filename, then the /lib/modules/version directory is searched, as done by modprobe Syntax: modinfo modulename or filename
Example:
modinfo ext3
Sample output filename: /lib/modules/2.6.9-5.EL/kernel/fs/ext3/ext3.ko author:
Remy Card, Stephen Tweedie, Andrew Morton, Andreas Dilger, Theodore Ts'o and othersdescription: Second Extended Filesystem with journaling extensions
license: GPL
vermagic: 2.6.9-5.EL 686 REGPARM 4KSTACKS gcc-3.4
depends: jbd

QUESTION 291
What command option of modinfo can display its version number?

A. -V

B. -i

C. -l

D. -A

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:
Display the version of modinfo .<p>The modinfo utility examines the object file module_file associated with a kernel module and displays any information that it can glean. -V , --version:
Display the version of modinfo .

QUESTION 292
What option of modprobe specifies the loading of all matching modules instead of stopping after the first successful loading?

A. -a

B. -f

C. -c

D. -e

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:
-a, --all: Load all matching modules instead of stopping after the first successful loading.

QUESTION 293
What option of modprobe allows you to set 'autoclean' on the loaded modules?

A. -k

B. -d

C. -c

D. -e

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:
-k, --autoclean: Set 'autoclean' on loaded modules. Used by the kernel when it calls on modprobe to satisfy a missing feature (supplied as a module). The -q option is implied by -k. These options

will automatically be sent to insmod.

QUESTION 294
Modprobe can be used to load (choose all that apply):

A. a single module
B. a stack of dependent modules
C. all modules that are marked with a specified tag
D. None of the choices

Correct Answer: ABC
Section: (none)
Explanation

Explanation/Reference:
Explanation:
Modprobe is used to load a single module, a stack of dependent modules, or all modules that are marked with a specified tag.

QUESTION 295
Modprobe will automatically load all base modules needed in the module stack as described by

its dependency file. What file is this?

A. modules.dep
B. modprobe.dep
C. module.dep
D. modep.dep

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
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. The normal use of depmod is to include the line /sbin/depmod -a in one of the files in /etc/rc.d so the correct module dependencies will be available after booting the system. depmod -e prints a list of all unresolved symbols. When you tried to load the modules using modprobe command it checks the modules.dep file generated by depmod command to identify the dependencies and load all dependencies as well.

QUESTION 296
Which of the following regarding user account configuration is true (choose all that apply):

A. username is case-sensitive
B. password is case-sensitive
C. username is case-insensitive
D. password is case-insensitive

Correct Answer: AB
Section: (none)
Explanation

Explanation/Reference:
Explanation:
Please note that everything should be entered in lowercase, except for the full name of the user which can be entered in a "pleasing format" (eg. Joe Smith) and the password. Case is sensitive, so inform your user(s) they must use identical case when entering their username and password.

QUESTION 297
GNU Make determines which pieces of a large program need to be recompiled and issues the commands to recompile them when necessary.

A. true
B. false

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:
GNU Make is a program that determines which pieces of a large program need to be recompiled and issues the commands to recompile them, when necessary.

QUESTION 298
Which of the following correctly describe a Monolithic Kernel (choose all that apply):

A. it is built into one single binary.
B. it is loaded completely into memory at boot time.
C. it pre-dates micro-kernel architecture by at least ten years.
D. None of the choices

Correct Answer: ABC
Section: (none)
Explanation

Explanation/Reference:
Explanation:
Have everything they need in that binary. Are loaded completely into memory at boot time Pre-date micro-kernel architecture by at least ten years

QUESTION 299
Which of the following correctly describe a Micro-kernel Architecture?

A. it has an extremely small core.
B. only its small core remains in memory at all times.
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C. its device drivers are loaded as-needed.
D. None of the choices

Correct Answer: ABC
Section: (none)
Explanation

Explanation/Reference:
Explanation:
Micro-kernel Architectures:
Have an extremely small core.
Only the small core remains in memory at all times.
Device drivers and other additional items are loaded as-needed.

QUESTION 300
Rate this comment:

Linux by and large is monolithic.

A. true
B. false

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:
Is Linux Purely Monolithic?

Linux by and large is monolithic. However, Linux permits modules, a system whereby certain parts of the kernel may be loaded at runtime. Linux modules are reminiscent of micro-kernel architectures, but Linux really remains basically a monolithic architecture.

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QUESTION 301
Which of the following brings up a user friendly GUI interface?

A. make xconfig
B. make menuconfig
C. make config
D. make compile

Correct Answer: AB
Section: (none)
Explanation

Explanation/Reference:
Explanation:
The "make xconfig" or "make menuconfig" brings up a user friendly GUI interface. And "make config" brings up command-line console mode interface. You can load the configuration file from

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/usr/src/linux/.config (dot config file. Note the dot before config).

QUESTION 302
Which bootloader can lie to Windows and make Windows believe that it's installed on the first partition even if it's not?

A. GRUB
B. XLoad
C. LILO
D. FILO

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:
GRUB differs from bootloaders such as LILO in that it can lie to Windows and make Windows believe that it's installed on the first partition even if it's not. So you can keep your current Linux system where it is and install Windows on the side.

QUESTION 303

If your new kernel does not behave normally after a routine kernel upgrade, chances are that you forgot to _____ before compiling the new kernel.

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

Correct Answer: A
Section: (none)
Explanation

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

QUESTION 304
You can find out how much memory the kernel is using by taking the total amount of memory in your machine and subtracting from it the amount of:

A. "total mem" in /proc/meminfo
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B. "total mem" in /proc/memused
C. "total mem" in /proc/memcurrent
D. None of the choices

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:
You can find out how much memory the kernel is using by taking the total amount of memory in your machine and subtracting from it the amount of ``total mem'' in /proc/meminfo or the output of the command `free'.
output of the command `free'.
See the sample output of /proc/meminfo
MemTotal: 118180 kB
MemFree: 19108 kB
Buffers: 4800 kB
Cached: 37860 kB
SwapCached: 8 kB
Active: 38564 kB
Inactive: 24820 kB
HighTotal: 0 kB
HighFree: 0 kB
LowTotal: 118180 kB
LowFree: 19108 kB
SwapTotal: 522072 kB
SwapFree: 522056 kB
Dirty: 100 kB
Writeback: 0 kB
Mapped: 32936 kB
Slab: 7084 kB
Committed_AS: 64768 kB
PageTables: 1036 kB
VmallocTotal: 901112 kB
VmallocUsed: 3252 kB
VmallocChunk: 897140 kB
HugePages_Total: 0
HugePages_Free: 0
Hugepagesize: 4096 kB
See the sample output of fee -m command
total used free shared buffers cached
Mem: 115 96 18 0 4 37
-/+ buffers/cache: 55 60
Swap: 509 0 509

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QUESTION 305
Which of the following insures that all of the dependencies, such as the include files, are in place?

A. make dep
B. make clean
C. make_dep
D. make_install

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:
When the configure script ends, it also tells you to `make dep' and (possibly) `clean'. So, do the `make dep'. This insures that all of the dependencies, such the include files, are in place. It does not take long, unless your computer is fairly slow to begin with. For older versions of the kernel, when finished, you should do a `make clean'. This removes all of the object files and some other things that an old version leaves behind. In any case, do not forget this step before attempting to recompile a kernel.

QUESTION 306
Which of the following removes all of the object files and some other things that an old version leaves behind?

A. make dep
B. make clean
C. make_dep
D. make_install

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:
When the configure script ends, it also tells you to `make dep' and (possibly) `clean'. So, do the `make dep'. This insures that all of the dependencies, such the include files, are in place. It does not take long, unless your computer is fairly slow to begin with. For older versions of the kernel, when finished, you should do a `make clean'. This removes all of the object files and some other things that an old version leaves behind. In any case, do not forget this step before attempting to recompile a kernel.

QUESTION 307
What command will compile the Linux kernel and leave a file in arch/i386/boot called bzImage?

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

Correct Answer: A
Section: (none)
Explanation

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

QUESTION 308
What command will compile the Linux kernel and leave a file called bzImage in the floppy disk?

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

Correct Answer: D
Section: (none)
Explanation

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

QUESTION 309
Which of the following commands will attempt to configure the kernel from an old configuration file and run through the make config process for you?

A. make oldconfig
B. make newconfig
C. make clean
D. None of the choices

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

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Make oldconfig' will attempt to configure the kernel from an old configuration file; it will run hrough the `make config' process for you. If you haven't ever compiled a kernel before or don't have an old config file, then you probably shouldn't do this, as you will most likely want to change the default configuration.

QUESTION 310
Incremental upgrades of the kernel are distributed as:

A. patches.
B. fixes.
C. hotfixes.
D. service packs.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:
Incremental upgrades of the kernel are distributed as patches. For example, if you have version 1.1.45, and you notice that there's a `patch46.gz' out there for it, it means you can upgrade to version 1.1.46 through application of the patch. You might want to make a backup of the source tree first (`make clean' and then `cd / usr/src; tar zcvf old-tree.tar.gz linux' will make a compressed tar archive for you.).

QUESTION 311
Loadable kernel modules can (choose all that apply):

A. save memory
B. ease configuration
C. include filesystems
D. include ethernet card drivers

Correct Answer: ABCD
Section: (none)
Explanation

Explanation/Reference:
Explanation:

Loadable kernel modules can save memory and ease configuration. The scope of modules has grown to include filesystems, ethernet card drivers, tape drivers, printer drivers, and more.

QUESTION 312
The command "make config" requires bash.

A. true
B. false

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:
The command `make config' while in /usr/src/linux starts a configure script which asks you many questions. It requires bash, so verify that bash is /bin/bash, /bin/ sh, or $BASH.

QUESTION 313
Upgrading a kernel involves which of the following tasks (choose all that apply):

A. configuring the desired modules
B. compiling the kernel and modules
C. installing the kernel image
D. conducting a system reboot

Correct Answer: ABCD
Section: (none)
Explanation

Explanation/Reference:
Explanation:
Upgrading the kernel involves configuring desired modules, compiling the kernel and modules, and finally installing the kernel image. This is followed by a system reboot (with fingers crossed!) to load the new kernel. All of this is documented in the ``README'' file which comes with each kernel package. Further information can be found in the ``Documentation/'' subdirectory. A particularly helpful file there is ``Configure.help'' which contains detailed information on the available kernel compile options and modules.

QUESTION 314
Rate this advice:

In order to use the latest kernel, it is necessary to first upgrade to the newest utilities and libraries.

A. True
B. False

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:
In order to use the latest kernel, it is first necessary to upgrade to the newest utilities and libraries.

QUESTION 315
Rate this comment:

The "root" account has no security restrictions imposed upon it.

A. True
B. False

Correct Answer: A
Section: (none)

Explanation

Explanation/Reference:
Explanation:

When using this account it is crucial to be as careful as possible. The "root" account has no security restrictions imposed upon it. This means it is easy to perform administrative duties without hassle. However, the system assumes you know what you are doing, and will do exactly what you request -- no questions asked. Therefore it is easy, with a mistyped command, to wipe out crucial system files.

QUESTION 316
To create a user account, keep in mind that the username is at most _____ characters long.

A. 6
B. 8
C. 12
D. 18

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:
Please note that everything should be entered in lowercase, except for the full name of the user which can be entered in a "pleasing format" (e.g. Joe Smith) and the password. Case is sensitive, so inform your user(s) they must use identical case when entering their username and password.

QUESTION 317
CORRECT TEXT

To exclude all log messages of a given logging facility, you should use a logging priority of:

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Explanation:
You can see on /etc/syslog.conf configuration file to store the log messages about the proper facility. The pattern is facility.priority, Example mail.* a it means mail related all priority. If you want to exclude all log messages of facility use none priority. Eg. cron.none

QUESTION 318
CORRECT TEXT

To prevent users from seeing who is logged in with the who command, you must remove the world readable but from the file /var/run _____.

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A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:

QUESTION 319
CORRECT TEXT

You want to display a list of all last logged in users. The file /var/log/wtmp exists. Which command would you use?

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:

QUESTION 320
What does the following command accomplish:

"export PATH=$PATH:$APPLICATIONS"

A. Changes path to the applications directory.
B. Updates the path with the value of $APPLICATIONS.

C. All NFS users can mount the applications directly.

D. Updates path with the applications directory.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 321
CORRECT TEXT

You want to create a boot floppy using a given image file on your hard disk. What utility would you use to do so?

A.

B.

C.

D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: mkbootdisk --device /dev/fd0 `uname -r`
Explanation:
mkbootdisk creates a boot floppy appropriate for the running system. The boot disk is entirely self- contained, 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.
Bydefault mkbootdisk creates the boot disk on first floppy device. If you want to specify the device use the --device option. We can print the kernel version using uname -r command.

QUESTION 322
CORRECT TEXT

A user complains that his laptop shows the wrong time when it is not connected to the network.

What command must the superuser run to adjust the laptop's clock without entering in BIOS?

A.

B.

C.

D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:

QUESTION 323
CORRECT TEXT

You are working an evening shift and want to look a which jobs are pending for the at command.

What command would you use?

A.

B.

C.

D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:

QUESTION 324
Which two of the following Class B IPv4 networks are reserved by IANA for private address assignment and private routing? (Choose two)

A. 128.0.0.0

B. 169.16.0.0

C. 169.254.0.0

D. 172.16.0.0

E. 172.20.0.0

Correct Answer: DE
Section: (none)
Explanation

Explanation/Reference:

QUESTION 325
Which one of the following lines would you expect to see in the file /etc/hosts.allow?

A. in.tftpd: LOCAL
B. tftp dgram udp wait root /usr/sbin/tcpd in tdtpd
C. tftp 69/udp
D. udp 17 UDP

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 326
When you use DNS to find a hostname using a particular IP address, which kind of DNS entry is involved?

A. Reverse DNS entroes
B. IP DNS entries
C. Address DNS entries
D. Network DNS entries

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 327
You are running an email server configured with the default settings. In which directory will you fund the delivered mail for the user foo?

A. /var/spool/mail
B. /home/foo/mail
C. /var/mail/spool
D. /var/users/mail

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 328
You have replaced inetd with xinetd. What must be done after installing to ensure that your machine will work correctly?

A. You must add a symbolic link from inetd.conf to xinetd.conf.
B. You don't have to do anything because they are compatible.
C. You must create a new configuration file for xinetd.
D. You must run xinetd-configure first.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 329
Which configuration option can you use to prevent the root user from logging directly onto a machine using ssh?

A. NoRootLogon
B. PermitRootLogon No
C. NoRootLogon Yes
D. RootLogin = No
E. ProhibitRootLogon No

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 330
When an Apache server is configured to provide 10 spare server processes, which kind of website would it typically serve?

A. A low-to-moderate volume website
B. A website for no more than 10 users
C. A high volume web site

D. A one-user volume website

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 331
CORRECT TEXT

You are running a machine which exports a list of directories using NFS. Provide the complete path to the file which contains this list.

A.

B.

C.

D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: /etc/exports

QUESTION 332
Your server was rebooted. Users have complained that the server refuses secured connections.

What is the mostly likely cause?

A. The public keys have been corrupted on the server.
B. The clients are not resolving the server name properly.
C. Sshd is not configured to start in the default runlevel.
D. The users need to ssh-keygen.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
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 333
CORRECT TEXT

There is any entry like the following in the file /etc/ftpusers:

#root

Will root be allowed to connect via ftp to this host?

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A.

B.

C.

D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:

QUESTION 334
CORRECT TEXT

The _____ command will list the currently loaded kernel modules.

A.

B.

C.

D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: lsmod
Explanation:
lsmod command displays all modules loaded by kernel as well as modules status on current session.
See the sample output of lsmod command
Module Size Used by

i915 81349 2
md5 4033 1
ipv6 232705 10
parport_pc 24705 1
lp 12077 0
parport 37129 2 parport_pc,lp
autofs4 23237 0
sunrpc 157093 1
dm_mod 54741 2
button 6481 0
battery 8901 0
ac 4805 0
raid1 19905 1
uhci_hcd 31065 0
ehci_hcd 30917 0
snd_intel8x0 33769 0
snd_ac97_codec 63889 1 snd_intel8x0
snd_pcm_oss 49017 0
snd_mixer_oss 17985 1 snd_pcm_oss
snd_pcm 96841 2 snd_intel8x0,snd_pcm_oss
snd_timer 29893 1 snd_pcm
snd_page_alloc 9673 2 snd_intel8x0,snd_pcm
snd_mpu401_uart 8769 1 snd_intel8x0
snd_rawmidi 26597 1 snd_mpu401_uart
snd_seq_device 8137 1 snd_rawmidi
snd 54949 9
snd_intel8x0,snd_ac97_codec,snd_pcm_oss,snd_mixer_oss,snd_pcm,snd_timer,snd_mpu401_u art,snd_rawmidi,s
soundcore 9889 1 snd

8139too 25921 0
mii 4673 1 8139too
floppy 58481 0
ext3 116809 6
jbd 71257 1 ext3

QUESTION 335
CORRECT TEXT

You are working on a non graphical shell.

What command would you use to configure the kernel using a menu system.

Type the command and its argument(s).

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: make menuconfig
Explanation:
menuconfig is an ncurses-based frontend. Your system must have the ncurses-devel libraries installed in order to use this utility. As the help text at the top of the screen indicates, use the arrow keys to navigate the menu. Press Enter to select sub-menus. Press the highlighted letter on each option to jump directly to that option. To build an option directly into the kernel, press Y.
To disable an option entirely, press N

QUESTION 336
What runlevels should never be declared as the default runlevel in /etc/inittab?

A. 1
B. 3
C. 5
D. 6

Correct Answer: AD
Section: (none)
Explanation

Explanation/Reference:
Explanation:
Standard Runlevel are:
0 - halt (Do NOT set initdefault to this)
1 - Single user mode
2 - Multiuser, without NFS (The same as 3, if you do not have networking) 3 - Full multiuser mode
4 - unused
5 - X11
6 - reboot (Do NOT set initdefault to this)
1 means single user mode and 6 means reboot. Which are not recommended for default runlevel.

QUESTION 337
You need to print 12 copies of the document foo.txt. Which of the following commands would you use?

A. cat foo.txt | lpr -#12
B. cat foo.txt > lpr -#12
C. cat foo.txt | lpr -12
D. cat foo.text > lpr -12

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:
cat command reads the contents of foo.txt and send to print to the default printer twelve copies of same documents.

QUESTION 338
The directory location /usr/share/doc contains what files?

A. All documentation created from application source code.
B. All documentation you wish to share with other users.
C. Supplemental information about installed packages.
D. Programs for reading documentation.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 339
CORRECT TEXT

You wish to notify all users that you have to take down a service on which they rely. What command will allow you to send a message to all currently logged on users?

Enter only the command, not the path.

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:

QUESTION 340
CORRECT TEXT

You issued the command: export CFLAGS="-march-i586".

You can remove this environment variable by using the command: _____CFLAGS

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A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: unset

QUESTION 341
CORRECT TEXT

Within a script you need to crate a loop. Following the for variable in list, the statements to be looped are found between the keywords _____ and done.

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:

QUESTION 342

Which command allows you to make a shell variable visible to subshells?

A. export $VARIABLE
B. export VARIABLE
C. set $VARIABLE
D. set VARIABLE
E. env variable

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 343
CORRECT TEXT

In an xinetd config file, which attribute specifies which interface will be used to offer the service?

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: INTERFACE
Answer: interface

QUESTION 344
CORRECT TEXT

You wish to add the user king to the system including his home directory.

Type in the simplest command to do this including switches:

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: useradd -m king

QUESTION 345
The system utility that automatically creates new log files and moves old ones is called what?

A. newlog
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B. mvlog
C. rotatelog
D. logrotate

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Reference: man logrotate

QUESTION 346
User Bob Swanson (bswanson) has left Company.com.

His data has already been removed from his directory. How do you remove his account and directory?

A. rm -rf /home/bswanson
B. deluser /home/bswanson
C. uderdel -r bswanson

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 347
CORRECT TEXT

The _____ command is used to modify or set the password expiration for a user?

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: chage
Answer: /usr/bin/chage
Answer: passwd
Answer: /usr/bin/passwd
Answer: usermod
Answer: /usr/sbin/usermod

QUESTION 348
CORRECT TEXT

You have an automated backup via tar to your tape drive /dev/st0 that runs each night.

You've decided to manually check last night's tape. The command to list the contents of the tape

is _____?

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: tartvf/dev/st0

QUESTION 349
Visit our reseller at www.company.com for lastest version and special price! A cronjob must run at least every 11 minutes. The job may take up to 7 minutes to complete, and there mustn't be two jobs at the same time. Which crontab line solves the problem?

A. */8 * * * * myjob
B. */9 * * * * myjob
C. */10 * * * * myjob
D. */11 * * * * myjob
E. */12 * * * * myjob

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 350
CORRECT TEXT

You need to sync your hardware clock, which is on GMT, with your system clock, which you just updated with NTP. To do this, complete the following command:
_____ -u --systohc

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: hwclock
Answer: /sbin/hwclock
Answer: /usr/sbin/hwclock

QUESTION 351
You discover a pending job for the at command.

Which of the following do you have to use to remove it?

A. atrm
B. atq -r
C. at -r
D. rmat

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 352
CORRECT TEXT

You've downloaded an image file of a boot floppy disk to your hard drive. What is the best utility to create a boot floppy from the disk image? (Specify a single command without options.)

A.

B.

C.

D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: /bin/dd

QUESTION 353
The following output shows an excerpt from a standard network configuration file:

time 37/tcp timserver

time 37/udp timeserver

rlp 39/udp resource # resource location

name 42/udp nameserver

whois 43/tcp nickname # usually to sri-nic

domain 53/tcp

domain 53/udp

mtp 57/tcp # deprecated

bootps 67/udp # bootp server

bootpc 68/udp # bootp client

tftp 69/udp

Which file could this be from?

A. /etc/hosts
B. /etc/inetd.conf
C. /etc/named.conf
D. /etc/services
E. /etc/syslog.conf

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 354
CORRECT TEXT

The _____ file contains the system default options for the PPP daemon.

A.

B.

C.

D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: /etc/ppp/options

QUESTION 355
What is the highest numbered TCP/IP port?

A. 2047
B. 32767
C. 65535
D. 131071

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:
There are 65535 possible ports officially recognized.
Note:
TCP uses the notion of port numbers to identify sending and receiving applications. Each side of a TCP connection has an associated 16-bit unsigned port number assigned to the sending or receiving application. Ports are categorized into three basic categories: well known, registered and dynamic/private. The well known ports are assigned by the Internet Assigned Numbers uthority (IANA) and are typically used by system-level or root processes. Well known applications running as servers and passively listening for connections typically use these ports. Some examples include: FTP (21), TELNET (23), SMTP (25) and HTTP (80). Registered ports are typically used by end user applications as ephemeral source ports when contacting servers, but they can also identify named services that have been registered by a third party. Dynamic/private ports can also be used by end user applications, but are less commonly so. Dynamic/private ports do not contain any meaning outside of any particular TCP connection. com

QUESTION 356
Which of the following is used to establish a PPP link to another computer?

A. pppconn
B. linkppp
C. pppd
D. pppconf

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 357
Which of the following protocols uses two different network ports?

A. NTP
B. FTP
C. Rsh
D. HTTP
E. Telnet

Correct Answer: B
Section: (none)
Explanation

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QUESTION 358
CORRECT TEXT

You can run the _____ command to see active network and UNIX domain socket connection.

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: netstat
Answer: /bin/netstat

QUESTION 359
While checking your security, you discover that you can connect to one of the machines on the network via port 23. What should you do to the network service on this machine?

A. Deactivate it, you don't need a SMTP server there.
B. Deactivate it, you should not use TELNET.
C. Leave active, SSH is safe.
D. Deactivate it, you don't need a FTP server there.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 360
Which of the following represents a class C netmask?

A. 255.0.0.0
B. 255.255.0.0
C. 255.255.255.0
D. 255.255.255.255

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 361
Which of the following PPP authentication protocols never sends a password in the clear?

A. PAM
B. PAP
C. PGP
D. CHAP

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 362
You are working on a server that has multiple ethernet network interfaces, and you wish to find out the IP address assigned to the eth1 interface. Which of the following commands will print the necessary information?

A. ipconfig /dev/eth1
B. ethconfig -d eth1
C. ifconfig eth1
D. prntconf eth1

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 363
Consider the following command and an abbreviated version of its output:

$ netstat nr Kernel IP routing table Destination Gateway Genmask Flags Iface

192.168.165.0 0.0.0.0 255.255.255.0 U eth0

127.0.0.0 0.0.0.0 255.0.0.0 U lo0

0.0.0.0 192.168.165.1 0.0.0.0 UG eth0

What is the default gateway for the network?

A. 192.168.165.1
B. 255.0.0.0
C. 255.255.255.0
D. 0.0.0.0
E. 192.168.165.0

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 364
CORRECT TEXT

Your ISP has given you an IP block for your use. The block is 192.168.112.64/26. If your network administrator uses the first usable IP for the router he's installed on your network, how many usable IPs do you have left?

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Explanation:
32 bits of IP address minus 26 bits is 6 bits.

minus 1 for address of network
minus 1 for address of broadcast
minus 1 for address of router
2^6 - 3 = 61

QUESTION 365
You want to add an alias for an existing DNS record. What type of DNS record could you use?

A. CNAME
B. MX
C. SOA
D. NS

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 366
What is the name of the primary configuration file for Apache?

A. srm.cfg
B. httpd.cfg
C. access.cfg
D. apache.conf
E. httpd.conf

Correct Answer: E
Section: (none)
Explanation

Explanation/Reference:

QUESTION 367
When you run the command newaliasses, it will:

A. ask for input on stdin to create new mail aliases.
B. restart sendmail.
C. remove the aliases currently configured.
D. rebuild the aliases database for the file /etc/aliases.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 368
You have generated a DSA authentication key on host linux1. In order to log into host linux2 with

the new key, what do you need to do?

A. Copy the new authentication key into /etc/ssh/sshd_config on linux2.
B. Copy the new authentication key into $HOME/.ssh/authorized_keys on linux2.
C. Copy the new authentication key into $HOME/.ssh/id_dsa on linux2.
D. Copy the new authentication key into $HOME/.ssh/id_dsa on linux1.
E. Log into linux2 using the command ssh --key.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 369
The user bob complains that he cannot access his email. In witch directory would you look to see

if there is any deliverable email for him?

A. /var/spool/mail
B. /var/mail/mqueue
C. /var/spool/mqueue
D. /home/bob/.mail

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 370
CORRECT TEXT

Which file contains a list of services and hosts that will be denied by a TCP Wrapper such as tcpd? (type full path)

A.

B.

C.

D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: /etc/hosts.deny

QUESTION 371
The normal way of starting your Apache server would be the command:

A. apachectl start

B. http -start

C. inetd apache

D. apachestart -n

E. apache start

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 372
CORRECT TEXT

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You decide to use xinetd instead of inetd. Now, you need to transfer information from /etc/inetd conf to another file. What file?

A.

B.

C.

D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: /etc/xinetd.conf

QUESTION 373
CORRECT TEXT

The _____ command is the Apache HTTP server control interface.

A.

B.

C.

D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: /usr/sbin/apachectl

QUESTION 374
If you want to print a listing of your computer's mail queues, what command would you use?

A. sendmail -l

B. lpq

C. mailq

D. mlq

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 375
You want to make the directory /local available via NFS. Everything works fine, but on the client machine, the super user is unable to read any files on the NFS-mounted file system. Why?

A. The NFS protocol does not allow this.
B. The super user has different user IDs on the client and the server machine.
C. The client, when mounting the NFS filesystem, must specify the option trusted.
D. The exports entry on the server machine does not include the option no_root_squash.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 376
CORRECT TEXT

The _____ command prints a list of email that is currently in the queue waiting for delivery.

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: mailq
Answer: /usr/bin/mailq

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QUESTION 377
CORRECT TEXT

In your DNS configuration, MX records are used to point to the _____ server(s) for your domain.

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: email

QUESTION 378
The file /etc/ssh_known_hosts typically contains hosts keys for _____.

A. all hosts that have logged into this server via ssh
B. all hosts that users have logged into from this server via ssh
C. clients allowed to connect to this host via ssh
D. machines the system administrator trusts users to connect to using ssh

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 379
CORRECT TEXT

Enter the command/servicename that dynamically assigns ports for Remote Procedure Calls (RPC) services like NIS, NFS and similar.

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: startsrc/portmap
Explanation:
"startsrc -s portmap" is the command to start the portmap daemon. This could be a better answer than actually used?

QUESTION 380

CORRECT TEXT

When a change is made to the file controlling what files are made available by NFS, what command must be run to make the changes effective? (Provide only the command name, not the path or any command switches.)

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: EXPORTFS
Answer: exportfs

QUESTION 381
You have a file /etc/resolv.conf, but the computer does not use the configured DNS servers to look up host names. What is most likely the problem?

A. The hosts entry in your /etc/nsswitch.conf does not list dns.
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B. You do not have a /etc/named.conf file.
C. The localhost hostname is not properly configured in /etc/hosts.
D. The named daemon is not running on your computer.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 382
What configuration file contains the list of directories shared via NFS?

A. /etc/share
B. /etc/exports
C. /etc/dfs/dfstab
D. /etc/fstab

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 383
CORRECT TEXT

What kind of DNS entries are used to get the hostname of a given IP address?

Please enter exactly one word.

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: reverse

QUESTION 384
What command do you use to generate an OpenSSH host key?

A. sshd
B. ssh-agent
C. ssh-keygen
D. ssh-add

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 385
CORRECT TEXT

The _____ command is used to modify a user's account information.

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: usermod

QUESTION 386
Your FTP server has been under attack, and the ISP of the attacker has been less than helpful in mitigating the attacks. So you decide that all connections from that ISP (badguy.example.org) to your FTP server will be denied and sent a message. Which line in your /etc/hosts.allow will have the desired effect?

A. in.ftpd : .badguy.example.org : twist 450 denied due to numerous attacks from this domain
B. ftp : badguy.example.org : DENIED message 450 denied due to numerous attacks from this domain
C. in.ftpd : badguy.example.org : spawn echo 450 denied due to numerous attacks from this domain
D. ftp : .badguy.example.org : DENIED due to numerous attacks from this domain

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:
man hosts. allow + man hosts options

QUESTION 387
CORRECT TEXT

You want to temporarily prevent users from logging in. Please complete the following command:

touch /etc/_____

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: nologin

QUESTION 388
Which of the following services is NOT usually protected via TCP wrappers?

A. ftp
B. finger
C. auth
D. http

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 389
Your gateway to the internet is using iptables and NAT to allow your private network to access the Internet. You've verified that the gateway is not set up to block packets, but you need to verify that it is properly masquerading them. Which of the following commands would you use to look at your

NAT tables?

A. iptables -L -n
B. iptables -t nat -L
C. iptables -t mangle -L
D. iptables -t filter -L

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 390
CORRECT TEXT

For security reasons, the system administrator is setting up a log server. What file does the system administrator have to edit in order to have each machine send log entries to the new log server?

A.

B.

C.

D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: /etc/syslog.conf

QUESTION 391
CORRECT TEXT

Which command prints or adjusts the current limits on resources available to the shell and to processes started by it, such as the maximum size of a core file or the maximum number of processes running? (Please include the command only, without arguments or path.)

A.

B.

C.

D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: ulimit

QUESTION 392
CORRECT TEXT

The _____ command is used to setup, view, and modify packet filtering, network and port translation, and other packet mangling rules within 2.4 and later kernel.

A.

B.

C.

D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: iptables

QUESTION 393
Which of the following commands can typically be used to configure a kernel?

A. ./config
B. ./configure
C. make config
D. make configure

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
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QUESTION 394
CORRECT TEXT

You just configured a kernel and now you want to check the dependencies.

Please enter the command and its argument(s).

A.

B.

C.

D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: MAKEDEP

QUESTION 395
What commands will load a kernel module? (Select TWO answers)

A. ldmod
B. modprobe
C. loadmod
D. insmod
E. modload

Correct Answer: BD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 396
You need maximum performance of your machine and therefore you decide to unload all dispensable modules. Which command would you use?

A. rmmod
B. insmod -r
C. unmod
D. module -r

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 397
Which command would you use to apply the changes in a diff file to your existing kernel source?

A. up2date
B. patch
C. rpm
D. dpkg
E. diff

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
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QUESTION 398
CORRECT TEXT

Upon booting one of your Linux boxes, you notice a message scrolling by that does not look right, but it goes so fast, you do not have a chance to read it. What command could you use to view that message after the boot process completes?

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: dmesg

QUESTION 399
Runlevels are configured _____.

A. in the kernel
B. in /etc/inittab
C. in /etc/runlevels
D. using the rl command
E. in rc.sysinit or rc.local

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 400
The network connection needs to be started during bootup which requires that the drive module for the network card be loaded properly. Which of the following files is used to map an Ethernet device (eth0, for example) to a specific driver module?

A. /etc/module/config
B. /etc/modules.conf
C. /etc/conf/modules
D. /etc/insmod.conf

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

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QUESTION 401
Which configuration file should be modified to disable the ctrl-alt-delete key combination?

A. /etc/keys
B. /proc/keys
C. /etc/inittab
D. /proc/inittab
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E. /etc/reboot

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 402
Ghostscript can be used as:

A. A Line Printer Daemon
B. A print filter to convert PostScript data for non-PostScript printers
C. A print filter to allow correct printing on PostScript printers
D. A print filter to remove "ghosting" and "staircase" effect problems
E. A graphical viewer for PostScript files

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 403
Which of the following tools is used to configure CUPS?

A. lpc
B. lpadmin
C. lpr
D. lpd
E. lpctrl

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 404
Which of the following files is responsible for defining various options and values to control the printing and spooling of print jobs?

A. /etc/printers
B. /etc/print.conf
C. /etc/printcap
D. /etc/printd.conf

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 405
CORRECT TEXT

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You need to find the latest HOWTOs on using SATA devices. What web site hosts the latest HOWTOs?

A.
B.
C.
D.

Correct Answer:

Explanation/Reference:
Answer: www.serialata.org

QUESTION 406
The directory /usr/share/doc/ contains:

A. HTML versions of man pages
B. Man pages for installed packages
C. Programs for reading documentation
D. User-created documentation about the system
E. Supplemental information about installed packages

Correct Answer: E
Section: (none)
Explanation

Explanation/Reference:

QUESTION 407
What file is typically used to display messages at the login prompt when remote users telnet in to the machine?

A. /etc/issue
B. /etc/motd
C. /etc/net.banner
D. /etc/issue.net

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 408
CORRECT TEXT

Your users report that they are using the program dia to create diagrams. They are having problems with the software and they think there is a bug. What command will give you help with functionality and contact information to report a possible bug?

Do not give the path or any options.

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:

QUESTION 409
Choose THREE websites that provide Linux-related news and documentation.

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A. Linux Scoop
B. LWN.net
C. Tux Facts
D. Linux Today
E. NewsForge

Correct Answer: BDE
Section: (none)
Explanation

Explanation/Reference:

QUESTION 410
You find you execute a series of commands on a recurring basis. You want this series of commands available from your login to run in the current shell. Choose the best solution:

A. create a shell program
B. create a function
C. use the up arrow in BASH to find the command
D. use BASH's built-in ! function to run the last iteration of the command by the same name

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 411
You are writing a script and want to test the exit status of a process. Which of the following is true?

A. The normal exit value differs.
B. You can't test the normal exit value.
C. The normal exit value is $EXIT.
D. The normal exit value is 0.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 412
What command prints available functions?

A. declare -f
B. set
C. typeset
D. function()

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 413
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A user complained that programs started from his shell won't use his favorite editor. Which of the following files should you edit to change this?

A. .editor
B. .bashrc
C. .bash_rc
D. ~/bash.conf

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 414
What command will allow you to see all of your environment variables?

A. echo $*
B. env
C. which
D. export

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 415
CORRECT TEXT

The very first line of a shell script should always contain what two characters at the beginning of the line?

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:

QUESTION 416
Which of the following commands shows ONLY the user id of Bob? (Select TWO)

A. cat /etc/passwd | grep Bob | cut -d: -f3
B. cat /etc/passwd | grep Bob | cut -f: -d3

C. grep Bob /etc/passwd | awk -F: '\'7b print $3 }'

D. grep Bob /etc/passwd | awk -f: '\'7b print $3 }'

E. grep Bob /etc/passwd | cut -F: -d3

Correct Answer: AC
Section: (none)
Explanation

Explanation/Reference:
Explanation: Ref: man cut + man (g)awk

QUESTION 417
Which of the following commands is used to test if the syntax of Apache's configuration files are correct?

A. apacheconftest -a

B. apachectl configtest

C. ab -ct

D. httest -c

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 418
We have bash script ~/myscript shown below:

Shift echo $2

We call this script:

~/myscript alpha beta gamma delta.

What will we see?

A. alpha

B. beta

C. gamma

D. delta

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 419
inetd.conf was changed. How to reinit changes?

A. restart inetd

B. find inetd's PID and send signal 15 to it

C. find inetd's PID and send signal SIGHUP to it

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:
Find .... SIGHUP to it - is the correct line

QUESTION 420
CORRECT TEXT
You are logged in as root. How to check user brown's group?

A.

B.

C.

D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: groups brown

QUESTION 421
What is the name of standard Linux service which provide RIP (Routing Information Protocol)?

A. zebra
B. -routed
C. -ipchains

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:
routed - is the correct line

QUESTION 422
To see the current time set by a NTP clock, you use the command:

A. ntpd -clock
B. ndtime
C. hwdate
D. ntpdate

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 423
You found these lines in the modules.dep file:

/lib/modules/2.2.5-15smp/fs/msdos.o:

/lib/modules/2.2.5-15smp/fs/fat.o

Which of the following is true?

A. The msdos module is dependent upon fat.
B. The fat and msdos modules cannot be loaded manually.
C. The fat and msdos modules are automatically loaded at startup.
D. The fat module is a submodule to the msdos module.

Correct Answer: A
Section: (none)
Explanation

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QUESTION 424
Which utility is used to create the modules.dep file that is required by modprobe?

A. ksyms
B. makemod
C. makedep
D. lsmod
E. depmod

Correct Answer: E
Section: (none)
Explanation

Explanation/Reference:

QUESTION 425
CORRECT TEXT

What file contains kernel level logging information such as output from a network driver module when it is loaded?

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: /var/log/messages
standard log files as defined in syslog.conf

QUESTION 426
CORRECT TEXT

You are about to do some administration tasks on a server. Which command would you use to change the runlevel?

A.

B.

C.

D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: telinit
Answer: init
Explanation: init or telinit is the parent of all processes. It's primary role is to create processes from a script stored in the file /etc/inittab. To display the current and previous runlevel use the runlevel command To change the runlevel
init runlevel or telinit runlevel

QUESTION 427
In the LPD system, a print queue is defined in what file?

A. /etc/lprconf

B. /etc/printer

C. /etc/printqueue

D. /etc/printcap
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Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 428
CORRECT TEXT

The normal filesystem location for the LPD queue directory is:

A.

B.

C.

D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: /var/spool/lpd

QUESTION 429
CORRECT TEXT

You need to find all references in system documentation to the word backup. What command would you type? (Do not provide full path)

A.

B.

C.

D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:

QUESTION 430
CORRECT TEXT

With the web site, www.tldp.org, what does "tldp" stand for?

A.

B.

C.

D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: The Linux Documentation Project
Answer: the linux documentation project

QUESTION 431
Which file would be used to configure a user's interactive bash shell?

A. ~/.int_bash

B. .bashrc

C. .profile
D. .bash

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 432
Which of the following commands is used to restore files from backups made with dump?

A. extract
B. cpio -d
C. restore
D. udump

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 433
CORRECT TEXT

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

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: groups company

QUESTION 434
CORRECT TEXT

What command is used to view pending jobs for the at command? (Do NOT specify path).

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: ATQ,AT-L

QUESTION 435
Which of the following lines would you expect to see in the file /etc/services?

A. in.tftpd: LOCAL
B. tftp dgram upd wait root /usr/sbin/tcpd in.tftpd
C. tftp 69/tcp
D. udp 17 UDP

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 436
A new department's local area network has to be connected to the existing LAN using a router.

This new department's LAN uses IP addresses from 192.168.112.64/26 and the first free IP address there was reserved for the router. How many IP addresses were left for other hosts to be connected?

A. 63
B. 24
C. 61
D. 42

Correct Answer: C

Explanation/Reference:

QUESTION 437
Your senior system administrator asked you to edit the /etc/inetd.conf file in order to disable the time service. After doing so, what would be the next thing to do?

A. Reboot the machine
B. Restart the inetd
C. Find the PID of inetd and kill it with kill -15
D. Find the PID of inetd and send it a SIGHUP

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Reference:

http://www.faqs.org/docs/securing/chap5sec36.html

QUESTION 438
You want to make the directory /home/tess available via NFS. Which option do you have to use to grant read permission for the root user on the NFS mounted file system?

A. no_root_squash
B. root_squash
C. root(rw)
D. For safety, the NFS protocol does not allow this?

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference:

http://nfs.sourceforge.net/nfs-howto/troubleshooting.html

QUESTION 439
CORRECT TEXT

You need an additional email address for a user in your department. You decide to add just an alias on your sendmail email server. What command must be executed to make the changes take effect?

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: newaliases

QUESTION 440
When you run the command newaliases, it will:

A. ask for input on stdin to create new mail aliases.
B. restart sendmail.
C. remove the aliases currently configured.
D. rebuild the aliases database for the file /etc/aliases

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 441
Which of the following commands will lock the user foobar's account?

A. userdel -r foobar
B. moduser -l foobar
C. usermod -L foobar
D. userconf -l foobar

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 442
You are using iptables to protect your private network but allow it to access the Internet. What

command do you run to view the current list of rules for masquerading?

A. iptables -L masquerade
B. iptables -t filter -L
C. iptables -t block -L
D. iptables -t nat -L

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 443
Which TWO daemons may be used to support various routing protocols under Linux?

A. gated
B. ripd
C. ospfdm
D. bgpd
E. routed

Correct Answer: AE
Section: (none)
Explanation

Explanation/Reference:

QUESTION 444
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In compliance with the FHS, in which of the following places are man pages typically found?

A. /usr/share/man
B. /opt/man
C. /usr/doc
D. /var/pkg/man
E. /usr/local/man

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 445
CORRECT TEXT

You need to find all references in system document to the word "backup". What command would you type? (Do not provide full path).

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:

QUESTION 446
CORRECT TEXT

In the /etc/nsswitch.conf file, which directive specifies what "databases" are queried and in what order for host name lookups?

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: hosts

QUESTION 447
CORRECT TEXT

What directive in smb.conf specifies the domain or workgroup to join?

Please enter only the directive below.

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: workgroup

QUESTION 448
You need to run a second Apache server on the same IP address. Which of the following is true?

A. You cannot run more than one Apache on one IP address.
B. You have to add a new entry in /etc/services.
C. The second Apache server must listen on another port.
D. The second Apache must be a child process of the first.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
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QUESTION 449
CORRECT TEXT

What is the default port for HTTPS under Apache?

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:

QUESTION 450
Which TWO of the following are used in configuration files to create Apache webserver user authentication? (Please select TWO that apply)

A. AuthUserFile /etc/apache2/users
B. AuthName
C. Authentication = Yes
D. +Auth
E. Authentication

Correct Answer: AB
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 451
What can you do to recover a lost passphrase for a DSA or RSA authentication key?

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

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 452
CORRECT TEXT

The local domain name has changed from test.example.org to lpic1.example.org. What directive in /etc/resolv.conf needs to be changed so that you don't have to

specify the fully qualified domain name when connecting to hosts?

A.

B.

C.

D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: search

QUESTION 453
What are the addresses falling into the range of 240.0.0.0 through 255.0.0.0?

A. Class C network

B. Class B network

C. This is an experimental address range.

D. This is a broadcast range.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 454
Which of the following lines would you find in the file /etc/hosts?

A. order hosts,bind

B. 192.168.168.4 dns-server

C. hosts: files dns

D. domain mycompany.com

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 455
CORRECT TEXT

Which IP protocol is connectionless and unreliable? Answer:

A.

B.

C.

D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: UDP/IP
Answer: udp
Answer: udp/ip

QUESTION 456
CORRECT TEXT

Which protocol uses two (2) TCP/IP ports one of them being port 20 for data transfer?

A.

B.

C.

D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: FTP

QUESTION 457
Which of the following lines would you find in the file /etc/resolv.conf?

A. order hosts,bind

B. 192.168.168.4 dns-server

C. hosts: files,= dns

D. domain mycompany.com

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 458
When using PAP with PPP, the /etc/ppp/pap-secrets file must be:

A. World-readable.

B. Readable only by the ppp user.

C. Readable only by root.

D. Readable and executable by user root and group ppp.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 459
CORRECT TEXT

For xinetd service definitions, which config option will disable the service?

A.

B.

C.

D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: disable=yes

QUESTION 460
What argument to the -name flag of find will match files or directories beginning with a '.' (period)?

A. .*

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 461
CORRECT TEXT

Machines with IPs `on the 131.230.55 and 131.230.56 networks need to be allowed to connect to a service protected with TCP wrappers. How would the network and netmask pair be expressed in /etc/hosts.allow?

A.

B.

C.

D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:

QUESTION 462
CORRECT TEXT

In what section of the man pages would you expect to find the man page that documents

/dev/null?

A.

B.

C.

D.

Correct Answer:
Section: (none)

QUESTION 463
The correct command to view "verbose" line printer queue information is:

A. lpq -l
B. lpq -all
C. lpq -verbose
D. lpq -a

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 464
Which directory contains additional information about installed packages?

A. /usr/share/documentation
B. /usr/local/share/documentation
C. /usr/local/doc
D. /usr/share/doc
E. /usr/packages/doc

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 465
What command should be entered to print and then delete the file, foobar.txt?

A. lpr -o delete foobar.txt
B. lpr -d foobar.txt
C. lpr -r foobar.txt
D. lpr -o remove foobar.txt

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 466
CORRECT TEXT

In which file you can find these lines?

alias eth0 ne2k-pci options ne2k-pci io=0x300 irq=5 Answer:

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A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: modules.conf

QUESTION 467
Which file contains information about all loaded modules?

A. /proc/modules
B. /etc/modules.conf
C. /etc/conf.modules
D. /lib/modules/kernel-version/modules.dep
E. /proc/mod

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 468
CORRECT TEXT

What command would create the following output without using any arguments or options?

Module Size Used by nls_iso8859-1 2880 0 (autoclean)

nls_cp437 4384 0 (autoclean) ....

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: lsmod

QUESTION 469
CORRECT TEXT

Which command allows to run a command in a modified environment, without changing the environment variables of the current shell? (Please provide the command name only, not the path.)

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:

QUESTION 470
CORRECT TEXT

The _____ command is used to print out the current date and time on the system.

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: /bin/date

QUESTION 471

Which of the following configuration files should be modified to set default shell variables for all users?

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

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 472
You are looking into a new script you received from your senior administrator. In the very first line you notice a #! followed by a path to a binary. Linux will:

A. Ignore the script
B. Use that binary to interpret the script.
C. Use that binary to compile the script.
D. Be replaced by that binary.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 473
CORRECT TEXT

For the last command to work, what file must exist? Answer:

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: /VAR/LOG/WTMP

QUESTION 474
What should the permission settings be for /etc/passwd and /etc/shadow?

A. /etc/passwd: -rw-r-r- /etc/shadow: -r-
B. /etc/passwd: -r- /etc/shadow: -rw-r-r-
C. /etc/passwd: -rw-r-r- /etc/shadow: -rw-r-r-
D. /etc/passwd: -r- /etc/shadow: -r-

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 475
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Man pages cover what topics? Select THREE that apply.

A. Superuser commands
B. Configuration commands
C. System policies
D. Programming libraries
E. Kernel version history

Correct Answer: ABD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 476
CORRECT TEXT

You started configuring pppd and you used the command man to get help. Now you would like to get more information about pppd related programs. Which command would you use? Please enter only the command without path, arguments or options.

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: apropos
Explanation:
apropos command show partial word matches for a search. Same as man -k searchterm.

QUESTION 477
In order to bypass print filters using lpr, which of following switches should be used:

A. lpr -o nofilter
B. lpr -l
C. lpr -o raw
D. lpr -r

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 478
Which of the following information is NOT provided in any output from the netstat utility?

A. Broadcast services
B. Interface statistics
C. Masquerading connections
D. Network connections
E. Routing tables

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
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QUESTION 479
Which of the following describes the Linux ping packet or datagram?

A. IP packet with a packet type
B. ICMP packet with a message type
C. ICMP packet with a payload
D. UDP datagram with a protocol type
E. UDP datagram with a payload

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 480
Which of the following lines would you find in the file /etc/host.conf?

A. order hosts,bind
B. 192.168.168.4 dns-server
C. hosts: files,dns
D. domain mycompany.com

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 481
CORRECT TEXT

The _____ command is used to send ICMP ECHO_REQUEST packets to other hosts over the network.

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: /bin/ping

QUESTION 482
Which of the following lines would you find in the file /etc/nsswitch.conf?

A. order hosts,bind
B. 192.168.168.4 dns-server
C. hosts: files dns
D. domain mycompany.com

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 483
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Which of the following lines would you expect to see in the file /etc/protocols?

A. in.tftpd: LOCAL
B. tftp dgram udp wait root /usr/sbin/tcpd in.tftpd
C. tftp 69/udp
D. udp 17 UDP

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 484
In the following command and its output, echo $$ 12942 what is 12942?

A. the process ID of the echo command
B. the process ID of the current shell
C. the process ID of the last command executed
D. the process ID of the last backgrounded command

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 485
To test a shell script called myscript, the environment variable FOOBAR must be removed temporarily. How can this be done?

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

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 486
Which of the following is the best way to list all defined shell variables?

A. env
B. set
C. env -a
D. echo $ENV

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 487
After rebooting a machine with a recompiled new kernel and its modules a lot of "Can't locate module" errors appear on screen. Which of the following is most likely to be the source of the problem?

A. make modules_install wasn't executed.
B. make modules install wasn't executed.
C. The kernel wasn't configured to use modules.
D. This kernel version does not support modules.
E. depmod wasn't run before rebooting.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 488
How can you list the parameters that you can use on an specific module?

A. modinfo -p
B. modinfo -list
C. lsmod
D. modprobe -p
E. cat /etc/modules.conf

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 489

Which of the following commands can be used to customize all kernel compilation options?

(Select THREE)

A. make config
B. make menuconfig
C. make xconfig
D. make kernelconfig
E. make configure

Correct Answer: ABC
Section: (none)
Explanation

Explanation/Reference:

QUESTION 490
Which of the following find commands will print out a list of suid root files in /usr?

A. find /usr -uid 0 -perm +4000
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B. find -user root +mode +s /usr
C. find -type suid -username root -d /usr
D. find /usr -ls *s* -u root
E. find /usr -suid -perm +4000

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 491
CORRECT TEXT

To enable restricted shell mode in BASH, how must bash be called? (Please include the command only without the path.) Answer:

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: bash-r

QUESTION 492
Which configuration file would you edit to change default options for outbound ssh sessions?

A. /etc/ssh/sshd_config
B. /etc/ssh/ssh
C. /etc/ssh/client
D. /etc/ssh/ssh_config
E. /etc/ssh/ssh_client

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 493
You are a junior administrator of a high-traffic production web server. Which of the following commands would you run to restart the Apache web service without aborting existing connections?

A. apachectl reload
B. apachectl restart
C. apachectl -k stop; apachectl start
D. apachectl graceful
E. /etc/init.d/httpd reload

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 494
CORRECT TEXT

What word is missing from the following SQL statement? update tablename ____

fieldname='value' where id=909;

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: set

QUESTION 495
You need to pause the CUPS printer HPLaserjet4, and you want to cancel all print jobs with a message, "hello". Which command will do this?

A. cupsreject -c -r hello HPLaserjet4
B. cupsreject -p -m hello HPLaserjet4
C. cupsdisable -c -r hello HPLaserjet4
D. cupsdisable -p -m hello HPLaserjet4

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 496
What is pool.ntp.org?

A. A deprecated feature for maintaining system time in the Linux kernel
B. A website which provides binary and source packages for the OpenNTPD project
C. A virtual cluster of various timeservers
D. A community website used to discuss the localization of Linux

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 497
CORRECT TEXT

What command can be used to generate log entries of any facility and priority? (supply just the command name without a path)

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: logger

QUESTION 498
On a dual boot system, every time the system is booted back into Linux the time has been set backward by two hours. Which of the following commands will correct the problem so it will not occur again?

A. ntpdate pool.ntp.org
B. date -d 'two hours'
C. hwclock -hctosys -localtime
D. time hwclock

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:
Note: howclock systohc localtime could also be a correct answers since you set the localtime flag to the hardware clock, not to the Operating System.

QUESTION 499
Which of the following is NOT a Mail Transport Agent?

A. exim

B. postfix

C. sendmail

D. qmail

E. mail

Correct Answer: E
Section: (none)
Explanation

Explanation/Reference:

QUESTION 500
CORRECT TEXT

What is the command to delete the default gateway from the system IP routing table? (Please specify the complete command with arguments)

A.

B.

C.

D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: routedeldefault
Answer: iproutedeldefault
Answer: routedel0.0.0.0
Answer: /sbin/routedel
Answer: default
Answer: iprout

QUESTION 501
Which bash option will prevent you from overwriting a file with a ">"?

A. set -o safe

B. set -o noglob

C. set -o noclobber

D. set -o append
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E. set -o nooverwrite

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 502
CORRECT TEXT

Given the following line from /etc/nsswitch.conf:

hosts: files mdns4_minimal [NOTFOUND=return] dns mdns4 By default, which file will be queried first for hostname lookups? (Provide the full path and filename)

A.

B.

C.

D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: /etc/hosts

QUESTION 503
CORRECT TEXT

The _____ command is used to assign an IP address to a device. (Please specify the command with or without path information)

A.

B.

C.

D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: ifconfig
Answer: /sbin/ifconfig
Answer: ip

Answer: /sbin/ip

QUESTION 504
Which of the following is the command used to deactivate a network interface?

A. ifdown
B. ipdown
C. net
D. netdown

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 505
What output will the following command produce?

seq 1 5 20

A. 1
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B. 1
C. 1
D. 2
E. 5

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 506
Which statement is true regarding the following /etc/resolv.conf file?

search example.com

127.0.0.1

208.77.188.166

A. There is a syntax error.
B. If DNS queries to the localhost fail, the server 208.77.188.166 will be queried.
C. example.com will be appended to all host lookups.
D. The DNS servers at 127.0.0.1 and 208.77.188.166 will be queried in a round robin fashion.
E. The DNS server with the shortest ping time will be queried first. If the lookup fails, the second server will be queried.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 507
What is the purpose of the dig command?

A. To adjust a directory's hidden permissions
B. To search for files on the filesystem
C. To adjust a file's hidden permissions
D. To perform hostname lookups
E. To ping all known hosts on the current subnet

Correct Answer: D
Section: (none)
Explanation

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QUESTION 508
CORRECT TEXT

The _____ command is used to print the network connections, routing tables, and interface statistics.

A.
B.
C.
D.

Correct Answer:
Section: (none)

Explanation

Explanation/Reference:
Answer: netstat
Answer: /bin/netstat
Answer: ip
Answer: /sbin/ip

QUESTION 509
Which of the following commands can be used to activate a specific network interface?

A. ipup
B. net
C. ifup
D. netup

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 510
CORRECT TEXT

An administrator wants to determine the geometry of a particular window in X, so she issues the _____ -metric command and then clicks on the window.

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: /usr/bin/xwininfo
Answer: xwininfo

QUESTION 511
X is running okay but you're concerned that you may not have the right color depth set. What single command will show you the running color depth while in X?

A. xcd
B. xcdepth
C. xwininfo
D. xcolordepth
E. cat /etc/X11
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Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 512
What is the purpose of the Sticky Keys feature in X?

A. To assist users who have difficulty holding down multiple keys at once
B. To prevent repeated input of a single character if the key is held down
C. To ignore brief keystrokes according to a specified time limit
D. To repeat the input of a single character

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 513
Your senior administrator asked you to change the default background of his machine, which uses XDM. Which file would you edit to achieve this?

A. /etc/X11/xdm/Xsetup
B. /etc/X11/xdm.conf
C. /etc/X11/xdm/Defaults
D. /etc/X11/defaults.conf

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 514
Your department decided to change the Gnome Display Manager's greeting. What configuration file should you edit?

A. /etc/gnome/greeting
B. /opt/gnome/share/greeting
C. /etc/X11/gmd.conf
D. /etc/X11/gdm/Init/Default

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 515
Which of the following SQL statements will select the fields name and address from the contacts table?

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A. SELECT (name, address) FROM contacts;
B. SELECT (name address) FROM contacts;
C. SELECT name, address FROM contacts;
D. SELECT name address FROM contacts;

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 516
On a system running the K Display Manager, when is the /etc/kde4/kdm/Xreset script automatically executed?

A. When KDM starts
B. When a user's X session exists
C. When KDM crashes
D. When X is restarted
E. When X crashes

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 517
Which of the following provides a non-graphical, text based interface for users who are visually impaired that can be used as a screen reader?

A. easyspeech
B. textconvert
C. xscreen
D. emacspeak

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 518
In xorg.conf, which section is concerned with fonts?

A. the Fonts section
B. the Files section
C. the xfsCodes section
D. the Graphics section
E. the modeline section

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
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QUESTION 519
CORRECT TEXT

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

A.

B.

C.

D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: groupsbruno
Answer: /usr/bin/groupsbruno
Answer: idbruno
Answer: /usr/bin/idbruno

QUESTION 520
CORRECT TEXT

The system's timezone may be set by linking /etc/localtime to an appropriate file in which directory? (Provide the full path to the directory, without any country information)

A.

B.

C.

D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: /usr/share/zoneinfo/
Answer: /usr/share/zoneinfo

QUESTION 521
CORRECT TEXT

Which file specifies the user accounts can NOT submit jobs via at or batch? (Provide the full path and filename)

A.

B.

C.

D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: /etc/at.deny

QUESTION 522
What is NOT contained in the locale setting of the operating system?

A. currency symbol

B. language

C. timezone

D. thousands separator

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
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QUESTION 523
To prevent a specific user from scheduling tasks with at, what should the administrator do?

A. Add the specific user to /etc/at.allow file.

B. Add the specific user to [deny] section in the /etc/atd.conf file.

C. Add the specific user to /etc/at.deny file.

D. Add the specific user to nojobs group.

E. Run the following: atd -deny [user].

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 524
A French user has installed the French language pack, but currencies are still being displayed with a leading '$' sign in his spreadsheets. What must be done to fix this?

A. Alter the locale.

B. Set the timezone correctly.

C. Edit /etc/currency.

D. Reinstall the French language pack.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 525
Which of the following commands will provide locale-specific information about your system and its environment?

A. loconfig

B. getlocale

C. locale

D. tzconfig

E. tzselect

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 526
Which of the following can the chage command <b>NOT</tt> change?

A. The number of days since January 1, 1970 on which the users account will no longer be accessible

B. The number of days since January 1, 1970 when the password can change "Pass Any Exam. Any Time." - www.actualtests.com 149
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C. The number of days since January 1st, 1970 when the password was last changed

D. The maximum number of days during which a password is valid

E. The number of days of inactivity after a password has expired before the account is locked

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 527
Each entry in a crontab must end with what character?

A. tab

B. space

C. backslash

D. newline

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 528
Which configuration file does sudo read when determining if a user is permitted to run applications with root privileges?

A. /etc/groups

B. /etc/passwd

C. /etc/sudoers

D. /etc/sudo.conf

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 529
Which command is used to display user resource limits?

A. uname

B. limit -a

C. usrlmt

D. ulimit

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 530
When attempting to send a file to another user securely with GPG, which of the following actions

must be done?

A. Encrypt the file using your public key.
B. Encrypt the file using their public key.
C. Encrypt the file using your private key.
D. Encrypt the file using their private key.
E. Sign the file with your public key.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 531
CORRECT TEXT

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

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

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: ctrlaltdel

QUESTION 532
CORRECT TEXT

In an xinetd config file, which attribute specifies the network address that will be used to offer the service?

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: interface

QUESTION 533
While performing a security audit, you discover that a machine is accepting connections on TCP port 184, but it is not obvious which process has the port open. Which of the following programs would you use to find out?

A. traceroute
B. strace
C. debug
D. nessus
E. lsof

Correct Answer: E
Section: (none)
Explanation

Explanation/Reference:

QUESTION 534
CORRECT TEXT

Which option, when passed to the gpg command, will enter an interactive menu enabling the user to perform key management related tasks? (Provide only the option)

A.
B.
C.
D.

Correct Answer:
Section: (none)

Explanation

Explanation/Reference:
Answer: edit-key
Answer: --edit-key

QUESTION 535
CORRECT TEXT

Which file lists which users can execute commands using sudo? (Provide the full path and filename)

A.

B.

C.

D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: /etc/sudoers

QUESTION 536
Which of the following programs uses the hosts.allow file to perform its main task of checking for access control restrictions to system services?

A. tcpd
B. inetd
C. fingerd
D. mountd
E. xinetd

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 537
Which directory in a user's home contains configuration files and key rings for GPG?

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

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
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QUESTION 538
Which commands can you use to change a user's password expiry information? (Choose THREE correct answers.)

A. usermod
B. passwd
C. chattr
D. chage
E. chsh

Correct Answer: ABD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 539
CORRECT TEXT

A user was not given permission to use the CRON scheduling system. What file needs to be modified to provide that access? (Please specify the full path to the file)

A.

B.

C.

D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:

Answer: /etc/cron.allow

QUESTION 540
Which command should be added to /etc/bash_profile to change the language of messages from an internationalised program to Portuguese (pt)? (Select TWO correct answers)

A. export LANGUAGE="pt"
B. export MESSAGE="pt"
C. export LANG="pt"
D. export LC_MESSAGES="pt"
E. export ALL_MESSAGES="pt"

Correct Answer: CD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 541
Which crontab entry could be used to set the system time at regular intervals?

A. 1 0 * * * date $d $t $24
B. 1 0 * * * settime $d $t $24
C. 1 0 * * * date<ntp1.digex.net
D. 1 0 * * * /usr/sbin/runcron date <ntp1.digex.net
E. 1 0 * * * /usr/sbin/ntpdate ntp1.digex.net > /dev/null 2>1

Correct Answer: E
Section: (none)
Explanation

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QUESTION 542
CORRECT TEXT

The _____ command is used to add a group to the system.

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: groupadd
Answer: /usr/sbin/groupadd

QUESTION 543
The files in the /etc/skel directory are used by the

A. pwconv command.
B. pwunconv command.
C. useradd command.
D. passwd command.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 544
Which command will set the local machine's timezone to UTC?

A. cat UTC > /etc/timezone
B. ln -s /usr/share/zoneinfo/UTC /etc/localtime
C. date -timezone=UTC
D. mv /usr/timezone/UTC /etc

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 545
Which TWO statements about crontab are true?

A. Every user may have their own crontab.

B. Changing a crontab requires a reload/restart of the cron daemon.

C. The cron daemon reloads crontab files automatically when necessary.

D. hourly is the same as "0 * * * *".

E. A cron daemon must run for each existing crontab.

Correct Answer: AC
Section: (none)
Explanation

Explanation/Reference:

QUESTION 546
Which command will print the exit value of the previous command to the screen in bash?

A. echo $?

B. echo $#

C. echo $exit

D. echo $status

E. echo $

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 547
CORRECT TEXT

Please specify the directory containing the configuration files for the CUPS printing system.

(Provide the full path to the directory)

A.

B.

C.

D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: /etc/cups
Answer: /etc/cups/

QUESTION 548
CORRECT TEXT

After configuring printing on a Linux server, the administrator sends a test file to one of the printers and it fails to print. What command can be used to print the status of the printer's queue?

(Provide only the command, without any options or parameters)

A.

B.

C.

D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: /usr/bin/lpq

QUESTION 549
Which file, when using Sendmail or a similar MTA system, will allow a user to redirect all their mail to another address and is configurable by the user themselves?

A. /etc/alias

B. /etc/mail/forwarders

C. ~/.alias

D. ~/.forward

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 550
Which statements are true regarding the following syslog.conf configuration directive?

*.err;kern.notice;auth.notice /dev/console (Select THREE correct answers)

A. Severity crit messages from all facilities will be directed to /dev/console
B. Severity notice messages from the auth facility will be directed to /dev/console
C. Severity notice messages from the kern facility will be directed to /dev/console
D. Severity err messages from the mail facility will be directed /dev/console
E. Severity notice messages from all facilities will be directed to /dev/console

Correct Answer: BCD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 551
The legacy program for sending files to the printer queues from the command line is:

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

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 552
CORRECT TEXT

What word will complete an if statement in bash such as the following:

if [-x "$file"]; then

echo $file

_____

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: fi

QUESTION 553
What entry can you add to syslog.conf file to have all syslog messages generated by your system

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A. *.* /dev/tty12
B. /var/log/messages | /dev/tty12
C. | /dev/tty12
D. syslog tty12
E. mail.* /dev/tty12

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 554
For accessibility assistance, which of the following programs is an on-screen keyboard?

A. xkb
B. atkb
C. GOK
D. xOSK

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 555
When you start the X Window System, which series of programs and/or scripts would most closely describe the start-up process?

A. xdm -> xinit -> xinitrc -> Xclients
B. kde -> xinitrc -> xinit -> Xclients
C. startx -> xinitrc -> Xclients -> kde
D. startx -> xinit -> xinitrc -> Xclients
E. startx -> xinit -> Xclients -> xinitrc

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 556
Which ONE of the following lines from /etc/X11/xorg.conf indicates that fonts can be found on a font server?

A. FontPath= server
B. Fonts "unix/:7100"
C. FontPath "unix/:7100"
D. Fonts= server
E. Fontserver = "servername"
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Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 557
You are using an application that you want to appear on the screen of another machine. What environment variable would you have to set or edit to achieve this?

A. DISPLAY
B. REMOTE
C. REMOTE_XWINDOW
D. SCREEN

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 558
Which of the following words is used to restrict the records that are returned from a SELECT query based on a supplied criteria for the values in the records?

A. LIMIT
B. FROM
C. WHERE
D. IF

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 559
CORRECT TEXT

An administrator is configuring a secured webserver, however connecting to https://127.0.0.1 is

not working. She runs netstat -ntl, which returns the following output:

tcp 0 0 0.0.0.0:80 0.0.0.0:* LISTEN

What port should be listening before a successful connection is possible? (Provide only the numerical value of the port)

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:

QUESTION 560

Which of the following looks like a correct entry in the /etc/hosts file?

A. localhost 127.0.0.1 localhost.localdomain
B. localhost.localdomain localhost 127.0.0.1
C. localhost localhost.localdomain 127.0.0.1
D. 127.0.0.1 localhost.localdomain localhost
E. localhost.localdomain 127.0.0.1 localhost

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 561
CORRECT TEXT

Which protocol uses two (2) TCP/IP ports one of them being port 20 for data transfer?

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: FTP,FTP

QUESTION 562
CORRECT TEXT

By default, which directories contents will be copied to a new user's home directory when the account is created, passing the -m option to the useradd command?

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: /etc/skel
Answer: /etc/skel/

QUESTION 563
What output will the following command sequence produce?

echo '1 2 3 4 5 6' | while read a b c; do

echo result: $c $b $a;

done

A. result: 3 4 5 6 2 1
B. result: 1 2 3 4 5 6
C. result: 6 5 4
D. result: 6 5 4 3 2 1
E. result: 3 2 1

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 564
What benefit does an alias provide?

A. It provides faster lookups for commands.
B. It prevents having to type long commands
C. It hides what command you are running from others.
D. It creates a local copy of a file from another directory.

Correct Answer: B
Section: (none)

Explanation

Explanation/Reference:

QUESTION 565
What output will the following command seq 10 produce?

A. A continuous stream of numbers increasing in increments of 10 until stopped.
B. The numbers 1 through 10 with one number per line.
C. The numbers 0 though 9 with one number per line.
D. The number 10 to standard output.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 566
CORRECT TEXT

What word is missing from the following SQL statement?

select count(*) _____ tablename;

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: from

QUESTION 567
Which of the following are commonly used Mail Tranfer Agent (MTA) applications? (Please select

THREE correct answers)

A. postfix
B. procmail
C. sendmail
D. exim
E. smtpd

Correct Answer: ACD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 568
The legacy program for listing files in the printer queues from the command line is:

A. lpd
B. lpr
C. lpstat
D. lpq

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 569
On a system using shadowed passwords, the most correct permissions for /etc/passwd are ___ and the most correct permissions 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--------

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

Explanation:

QUESTION 570
You have just set up the X Display Manager as your default display manager. What file should you edit to change the default background for it?

A. /etc/X11/xdm/Xsetup
B. /etc/X11/prefdm
C. /etc/X11/xorg.conf
D. /etc/X11/xdm.conf

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 571
CORRECT TEXT
Which directory in /etc is used to keep a sample copy of files and directories for when a new user

has a home directory created? (Please provide the full path)

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: /etc/skel, /etc/skel/

QUESTION 572
Which of the following lines is an example of a correct setting for the DISPLAY environment variable?

A. hostname:displayname
B. hostname:displaynumber
C. hostname/displayname
D. hostname/displaynumber
E. hostname

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 573
Which character in the password field of /etc/passwd is used to indicate that the encrypted password is stored in /etc/shadow?

A. *
B. -
C. s
D. x

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 574
Which commands can you use to change a user's account aging information? (Choose THREE correct answers.)

A. usermod
B. passwd
C. chattr
D. chage
E. chsh

Correct Answer: ABD
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 575
Why is /etc/shadow not world readable if the passwords are stored in an encrypted fashion?

A. The encrypted passwords are still subject to brute force attacks.
B. This is just for historical reasons.
C. There is other information in the file that needs to be kept secret.
D. The passwords can be decrypted by anyone with root access.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 576
Which of the following commands can be used to convert text files in one character encoding to another character encoding?

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

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 577
What is NTP?

A. A more secure protocol replacement for FTP.
B. A protocol and system for maintaining time on computers.
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C. A routing aid for finding next hops on a network.
D. A simple tunneling protocol for computers behind firewalls.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 578
Which of the following commands is used on the command line to send messages to the syslog systems.

A. lastlog
B. klog
C. logger
D. slog
E. syslog

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 579
According to the FHS, where are user mailboxes kept? Assume that mail is not being delivered to somewhere in their home directories.

A. /var/spool
B. /etc/mail
C. /var/mail
D. /usr/mail

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 580
CORRECT TEXT

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

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A.
B.

C.

D.

Correct Answer:
Section: (none)
Explanation

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

QUESTION 581
CORRECT TEXT

Please specify the top directory containing the configuration files for the CUPS printing system.
(Provide the full path to the directory)

A.

B.

C.

D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: /etc/cups, /etc/cups/

QUESTION 582
The legacy program, provided by CUPS for sending files to the printer queues on the command line is:

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

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 583
CORRECT TEXT

What is the assigned port number for the HTTP service? (Provide the number with digits and not as a word)

A.

B.

C.

D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:

QUESTION 584
CORRECT TEXT

You can run the _____ command to see active network and UNIX domain socket connections as well as other open files. (Please specify the command with no path information, options or parameters)

A.

B.

C.

D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: lsof, /usr/bin/lsof

QUESTION 585
Which of the following commands can deconfigure a network interface?

A. ipdown
B. net
C. ifconfig
D. netdown

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 586
Which command manipulates the TTL (Time to Live) field in the IP protocol in order to get ICMP responses from gateways along the path to a host?

A. dig
B. host
C. ping
D. tcpdump
E. traceroute

Correct Answer: E
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 587
Which command is used to set restrictions on the size of a core file that is created for a user when a program crashes?

A. core
B. edquota
C. ulimit
D. quota

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

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QUESTION 588
CORRECT TEXT

The xinetd service will be used instead of inetd. In order to create a similar configuration as inetd, what main file must be created or edited for xinetd? (Please specify the full path)

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: /etc/xinetd.conf

QUESTION 589
When generating new authentication keys with SSH for a user, where should the private key be kept?

A. On any trusted system from which the user will login.
B. On a CD-ROM or USB stick.
C. Printed and kept in a secure place.
D. Only on the computer where the key was created.
E. SSH does not use private keys.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 590
CORRECT TEXT

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

A.
B.
C.
D.

Correct Answer:

Explanation/Reference:
Answer: /etc/skel, /etc/skel/

QUESTION 591
Why is the xhost program considered dangerous to use?

A. It makes it difficult to uniquely identify a computer on the network.
B. It allows easy access to your X server by other users.
C. It logs sensitive information to syslog.
D. It makes your computer share network resources without any authentication.
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E. It is a graphical DNS tool with known exploits.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 592
CORRECT TEXT

What is the name of the simple graphical login manager that comes with a vanilla X11 installation? (Provide only the name of the program without any path information)

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:

QUESTION 593
CORRECT TEXT

What command will display the group names and GIDs to which a user belongs? (Provide only the command name with or without path information)

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: id, /usr/bin/id

QUESTION 594
What is the conventional purpose of Linux UIDs that are lower than 100?

A. They are reserved for super user accounts.
B. They are reserved for the system admin accounts.
C. They are reserved for system accounts.
D. They are unused, aside from 0, because they are targets of exploits.
E. They are used to match with GIDs in grouping users.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 595
How is the file format of /etc/crontab different from a normal crontab file? (Select TWO correct answers)

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A. The /etc/crontab file can specify a year field.
B. A normal crontab file must be installed with the crontab command.
C. A normal crontab file allows for environment variable substitution.
D. The /etc/crontab file has a user field for commands.

Correct Answer: BD
Section: (none)

Explanation

Explanation/Reference:
Explanation:

QUESTION 596
What is the main difference between the batch and at commands?

A. The batch command will run multiple times.The at command will only run once.
B. The batch command will run when system load is low. The at command runs at a specific time.
C. The at command reads commands from standard input. The batch command requires a command line argument.
D. The at command e-mails results to the user. The batch command logs results to syslog.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 597
The correct crontab entry to execute the script chklog three times per month between 3 p.m. and 5

A. m.:
B. * 3,4,5 1 * * chklog
C. 3 3,4,5 1 * * chklog
D. 3 15,16,17 * * * chklog
E. 0 15,16,17 1 * * chklog
F. * 15,16,17 1 * * chklog

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 598
On a dual boot system, every time the system is booted back into Linux the time has been set backward by one day. Which of the following commands will correct the problem?

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A. date -d '+ 1 day'
B. hwclock --systohc --localtime
C. ntpdate pool.ntp.org
D. time hwclock

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 599
What command should be used to print a listing of email in the system's mail queue?

A. lpq
B. mailq
C. mlq
D. sendmail -l

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 600
CORRECT TEXT

With IPv6, how many bits have been used for the host identifier portion of an address? (Please enter the number and not a word)

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:

QUESTION 601
CORRECT TEXT

When searching for files owned by the root user, which option is required in the following command line:

find . _____ 0 -print

(Provide only the missing argument)

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: uid, -uid

QUESTION 602
CORRECT TEXT

Which file contains a set of services and permitted hosts that will be allowed to connect to the server by going through a TCP Wrapper program such as tcpd? (Please enter the full path)

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
Answer: /etc/hosts.allow

QUESTION 603
What command is used to hold keys during a login session to be used for automatic authentication while logging in to other machines using ssh?

A. sshd
B. ssh-agent
C. ssh-keygen
D. ssh-add

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 604
What keyword is missing from this code sample of a shell script?

_____ i in *.txt; do

echo $i

done

A. for
B. loop
C. until
D. while

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference: