To which file should you add an entry in order for a host to be blocked using TCP

wrappers?

A. /etc/hosts.deny

B. /etc/tcp.wrappers

C. /etc/wrap.config

D. /etc/tcpwrap.conf

Which of the following commands creates an alias for the ps command such that the

options auwx are included when the user types psa?

A. alias "ps auwx" = "psa"

B. alias psa=ps uawx

C. alias psa="ps auwx"

D. psa="ps auwx"

Which of the following conditionals in a Bash script will test if the variable DAY is equal to

SUNDAY?

A. if ($DAY == "SUNDAY")

B. if ($DAY -eq "SUNDAY")

C. if [[ $DAY == "SUNDAY" ]]

D. if [ DAY = "SUNDAY" ]

Which of the following commands is necessary for making a variable defined in your

current shell available to child processes?

A. export

B. source

C. let

D. def

Which of the following commands adds ~/code/bin to the path?

A. PATH=~/code/bin:$PATH

B.PATH=/code/bin:$PATHChapter 12

C. PATH=/home/code/bin:$PATH

D. PATH=PATH:~/code/bin

Which of the following shows a valid Bash function called sayHello?

A. function sayHello () {echo "hello";

B. function sayHello{}

C. function sayHello() { echo Hello }

D. function sayHello() { echo Hello } ;}

Which of the following commands sends an email to root with the subject of Update and

the content of the /etc/hostname file?

A. mail root > /etc/hostname

B. mail -s Update root > /etc/hostname

C. mail -s Update root < /etc/hostname

D. mail root -s Update /etc/hostname

Files that should be copied to a user’s home directory when their account is created should

be placed in which of the following directories?

A. /etc/usertemplate

B. /etc/template

C. /etc/skel

D. /etc/userskel

Which of the following areas within an Ubuntu system contains information and settings

for accessibility?

A. Accessibility

B. Access and Help

C. Universal Use

D. Universal Access

Which command can be used to set the delay and repeat rate for a keyboard?

A. keyboard

B. kbdrate

C. kbd

D. keyrate

Which variable is used to indicate the screen on which GUI applications will be shown?

A. DISPLAY

B. SCREEN

C. LIST

D. XWIN

Users can be added or removed for access to the X server. Which command facilitates this?

A. xauthorization

B. xhost

C. xwin

D. xconnect

Which option to useradd sets the number of days between password expiration and when

the account is disabled?

A. -n

B. -f

C. -e

D. -g

Which of the following commands displays the current mail aliases known on the server?

A. getent aliases

B. getalias

C. listalias

D. mail aliases

Which of the following configuration lines in /etc/hosts.deny creates a deny-by-default

policy where clients will need to be specifically allowed in /etc/hosts.allow?

A. \*.\*

B. All: \*

C. ALL: ALL

D. LOC: ALL

Which of the following describes the result of running the atq command as root?

A. The current cron and at jobs for root will be listed.

B. The current at jobs for all users will be listed.

C. The current cron and at jobs for all users will be listed.

D. The last 10 entries in the at log will be shown.

Which command option can be used to remove all cron jobs for a given user using the

crontab command?

A. -d

B. -e

C. -r

D. -l

Which option to the crontab command enables you to work with a different user’s cron

jobs?

A. -u

B. -m

C. -d

D. -e

When deleting a user from the server, you need to maintain their home directory rather

than deleting it. Which option of the following commands deletes the user <username> but

preserves their home directory?

A. userdel <username>

B. userdel -r <username>

C. userdel -h <username>

D. userdel -p <username>

After deleting a group, you need to search the filesystem for files owned by the group using

its group ID. Which option to the find command will search using the group ID?

A. -name

B. -group

C. -groupid

D. -gid

Which of the following commands changes the group name from admins to serveradmins?

A. groupmod -g admins serveradmins

B. groupmod -n serveradmins admins

C. groupchg -n serveradmins admins

D. groupchg admins -n serveradmins

Which command is used to parse log file entries on a systemd-based system?

A. logger

B. journalentry

C. jrnctl

D. journalctl

Which option to the ntpdate command configures the version to use such that an older

Network Time Protocol (NTP) server could be queried?

A. -o

B. -v

C. -e

D. -r

Within which directory are systemd journals stored by default?

A. /var/log/systemd

B. /var/systemd/journal

C. /var/log/journald

D. /var/log/journal

Which option to the logrotate command specifies the mailer to use?

A. -o

B. -s

C. -m

D. -v

Which option to date changes the output to Coordinated Universal Time (UTC) regardless

of the current time zone?

A. -u

B. -t

C. -s

D. -v

Which of the following commands can be used to delete a print job on a system that uses

the lp print system?

A. lpdel

B. rmprint

C. rm -print

D. lprm

Which of the following subnet masks represents a /23?

A. 255.255.255.0

B. 255.255.0.0

C. 255.255.255.255

D. 255.255.254.0

An entry in /etc/nsswitch.conf indicates hosts: files dns. In which order will

/etc/hosts be queried for a hostname lookup?

A. The /etc/hosts file will be examined first.

B. The /etc/hosts file is not related to hostname lookup.

C. The /etc/hosts file will be queried second.

D. The /etc/hosts file will be queried last.

Which port needs to be allowed through the firewall for standard Lightweight Directory

Access Protocol (LDAP) traffic to be received by the server?

A. TCP port 25

B. TCP port 443

C. TCP port 143

D. TCP port 389

Which option to ssh changes the username to use for logging in to the server?

A. -v

B. -i

C. -l

D. -u

Which option to ping disables name resolution?

A. -d

B. -D

C. -f

D. -n

Which of the following commands shows various statistics for a network interface such as

packets and bytes received and transmitted along with errors and other such conditions?

A. ifconfig

B. ifstat

C. if -s

D. ifcond

When using the host command, which option displays the Start of Authority (SOA) record

from each of the authoritative DNS name servers for the given domain?

A. -N

B. -n

C. -C

D. -a

You need to specify an additional localhost address and hostname for a server in order to

support a specialized network configuration. Which line in /etc/hosts sets the hostname

with a unique IP address in the correct range for localhost?

A. 127.0.1.1 host.example.com host

B. 192.168.0.1 host.example.com host

C. host.example.com 127.0.0.1

D. host.example.com 172.16.31.32

Which of the following options to ifup tells the command to ignore errors and continue?

A. --continue

B. --C

C. --ignore-errors

D. -h

Which option to passwd can be used to unlock an account that was locked with the passwd

command?

A. -S

B. -l

C. -u

D. -w

Which of the following is the correct syntax to connect using ssh to host.example.com on

port 2200?

A. ssh -l 2200 host.example.com

B. ssh host;example.com

C. ssh host.example.com:2200

D. ssh host:2200 -d example.com

Which option in /etc/sudoers sets the destination address for administrative and security

emails related to sudo?

A. mail

B. mailto

C. secmail

D. adminmail

Which of the following commands displays a listing of who is logged in to the server along

with the date and time that they logged in?

A. whois

B. who

C. loggedin

D. curusers

Which port should be allowed through a firewall for NTP communication?

A. Port 139

B. Port 161

C. Port 123

D. Port 194

Which option to nmap causes it to scan using UDP?

A. -sT

B. -sS

C. -sP

D. -sU

Which of the following options to lsof searches an entire directory tree for open instances

of files or directories?

A. -d

B. +D

C. -f

D. -i

Which option to the ip command displays DNS names rather than merely IP addresses?

A. -n

B. -f

C. -r

D. -a

Which of the following commands and options enables you to examine timing related to

listening sockets?

A. ss -o

B. netstat -rn

C. ping -f

D. ls -l

Which of the following IP address and subnet mask pairs represents a private network in a

/24 size?

A. 192.168.3.0/255.255.255.128

B. 172.16.19.128/255.255.0.0

C. 192.168.2.0/255.255.255.0

D. 10.168.1.0/0.0.0.255

When viewing the results of a traceroute, you see !H. To what does !H refer?

A. Network unreachable

B. Host available

C. Host unreachable

D. High length

On which port does the ping command operate for Internet Control Message Protocol

(ICMP) echo requests?

A. 53

B. 1337

C. 33433

D. No port is used for ICMP.

When using netstat -a, which file is consulted for the port number to name translation?

A. /etc/portnum

B. /etc/services

C. /etc/portnames

D. /proc/sys/net/ipv4/ports

Which of the following commands launches Orca with speech capabilities?

A. orca --no-setup --disable main-window

B. orca --screen

C. orca --screen-reader

D. orca --no-setup -s

Which of the following locations stores the configuration for LightDM?

A. /etc/lightdm/

B. /etc/lightdm.conf

C. /etc/lightdm-conf

D. /etc/lightdm.d

Which of the following commands displays statistics and information about windows in X

windows?

A. xinfo

B. xstats

C. xwin

D. xwininfo

Which of the following commands can be used to set the time zone on a Debian system?

A. tzconfig

B. /etc/timeconfig

C. timeconfig

D. timecfg

Which of the following commands displays the available character maps?

A. charmap

B. charmap -l

C. locale -m

D. mapinfo

Within which directory hierarchy will you find information regarding the available time

zones on the server?

A. /usr/zoneinfo

B. /usr/share/zoneinfo

C. /etc/zoneinfo

D. /etc/tz.conf.d

The driftfile, as specified in /etc/ntp.conf on a Red Hat system, is stored in which

location by default?

A. /var/lib/ntp/drift

B. /var/ntp/drift

C. /usr/share/ntpdrift

D. /usr/share/lib/ntpdrift

Which character combination sets the body of the message to STDIN when using the mail

command?

A. <

B. >

C. <<<

D. |

Which of the following commands deletes a group from a CentOS Linux system?

A. groupdm

B. grouprm

C. groupdel

D. delgroup

Which of the following syslog facilities captures messages from the lp printing facility?

A. auth

B. messages

C. lpr

D. root