

Linux Certification Practice Exams 102

Question 1 of 25

According to RFC 1918 a number of address ranges are reserved for private internets. Which of the following addresses are not in the private ranges? Select all that apply.

10.23.34.129
168.192.3.17
172.17.3.33
192.168.128.4
192.169.7.12

Question 2 of 25

What command is used to delete a user? Select the most appropriate answer.

delete --user
deluser
userdel
rmuser
userrm

Question 3 of 25

Which of the following addresses are by default in a class B network? Select all that apply.

126.3.43.3
128.1.3.7
142.35.12.0
190.3.78.3
191.37.2.10
193.24.2.43
194.1.1.2

Question 4 of 25

On a SysVinit system what is the recommended alternative to cron if the system is not left running continuously?

Question 5 of 25

Which of the following commands can be used to test whether a particular IP address is reachable? Choose the most appropriate answer.

netstat
ifconfig
telnet
nslookup
ping

Question 6 of 25

If you connect to tcp port 22 what service would you normally be using?

ftp
telnet
ssh
chargen
smtp

Question 7 of 25

According to RFC 1918 a number of address ranges are reserved for private internets. Which of the following addresses are not in the private ranges? Select all that apply.

10.254.254.3
32.71.4.12
172.1.0.3
172.31.23.123
192.168.3.4

Question 8 of 25

Which of the following shows the correct order for the processes running during startup on a SysVinit based system?

init; kernel loaded; rc.sysinit; runlevel scripts
kernel loaded; init; rc.sysinit; runlevel scripts
kernel loaded; rc.sysinit; init; runlevel scripts
kernel loaded; init; runlevel scripts; rc.sysinit
rc.sysinit; kernel loaded; init; runlevel scripts

Question 9 of 25

Which of the following lines at the top of a file will make it an executable shell script (assuming file permissions are correct)? Choose the most appropriate answer.

#!/bin/bash
!#/bin/bash
#!/bin/bash
#!bash
!#bash

Question 10 of 25

What is the file on a Linux machine that provides the list of known tcp/udp ports along with their respective services? Include the full path.

Question 11 of 25

A host has the IP address 192.168.1.12 and a netmask of 255.255.255.0. What is the address of the network?

Question 12 of 25

You need to use tcpwrappers so that address 192.168.1.7 can access all the services. What entry should you put in the /etc/hosts.allow file to enable this?

Question 13 of 25

Which of the following is often used for the configuration of X11?

/etc/X11/xorg.conf
/etc/X11/xorgConfig
/etc/X11/xconfiguration
/etc/Xconfig
/etc/X.conf

Question 14 of 25

Which of the following time formats are valid for use with the at command? Select all that apply.

11:30
10am Jul 31
1am tomorrow

teatime
breakfast

Question 15 of 25

Compose an entry for the /etc/syslog.conf file so that all debug messages go to a file "/var/log/debug". Use spaces instead of the tab key.

The following is currently in the file:

```
# Kernel messages
kern.* -/var/log/kern.log
# Emergencies sent to everybody that is logged in
*.emerg *
```

Question 16 of 25

Which of the following will allow a computer to make connections to the local X server, only if its ip address is 192.168.3.4? Select the most appropriate answer.

```
xhost +
xhost 192.168.3.4
xhost -192.168.3.4
xhost --allow=192.168.3.4
```

Question 17 of 25

You would like to run an xterm session on a linux computer at 10.3.45.1 with its output directed to another linux computer at 192.168.4.5. Which of the following should be used before running the xterm command.

```
export DISPLAY=10.3.41.1:0
export SCREEN=10.3.41.1:0
export DISPLAY=192.168.4.5:0
export SCREEN=192.168.4.5:0
```

Question 18 of 25

What command can be added to scripts to add log entries to the messages log? Enter the command name only, no path or options.

Question 19 of 25

Is the following statement true or false?

The syslog can be configured so that as well as logging messages locally it can send log messages to a log server.

true
false

Question 20 of 25

Which file normally holds the default values used when creating a new user?

```
/etc/default/useradd.conf
/etc/default/useradd
/etc/useradd/default
/etc/useradd/default.conf
/etc/useradd.conf
```

Question 21 of 25

Which of the following allow you to edit the cron jobs for the current user?

```
crontab -e  
crontab -l  
crontab -r  
crontab -m
```

Question 22 of 25

Which of the following files determines whether the computer will check locally for name resolution before querying a DNS server? Choose the most appropriate entry.

```
/etc/hosts  
/etc/resolv.conf  
/etc/nsswitch.conf  
/etc/networks
```

Question 23 of 25

Which of the following commands will remove all the print jobs from all the queues (assuming that the user has sufficient permission)?

```
lprm -a all  
lprm -a  
lprm all  
lprm *  
lprm all:all
```

Question 24 of 25

Which of the following commands will add the user "stewart" to the group "wheel"? Select the most appropriate answer.

```
gpasswd -a wheel stewart  
gpasswd -a stewart wheel  
groupadd stewart wheel  
groupadd wheel stewart
```

Question 25 of 25

Which of the following is valid syntax for the route command? Choose the most appropriate command.

```
/sbin/route -add -net 192.168.5.0 -gw 192.168.1.1 -netmask 255.255.255.0 -dev eth0  
/sbin/route -add net 192.168.5.0 gw 192.168.1.1 netmask 255.255.255.0 dev eth0  
/sbin/route add -net 192.168.5.0 gw 192.168.1.1 netmask 255.255.255.0 dev eth0  
/sbin/route add -net 192.168.5.0 -gw 192.168.1.1 -netmask 255.255.255.0 -dev eth0
```