

Linux Certification Practice Exams 201

Question 1 of 25

What command can be used to view all the entries in the arp cache? Enter the command only with options (do not include the path).

Question 2 of 25

Issuing the command "chkconfig ntpd off" will disable the ntpd from which runlevels (assuming it is currently on at all runlevels):

All Runlevels

- 1
- 2 and 3
- 2
- 3
- 4 and 5
- 3 and 5

Question 3 of 25

In what configuration is the default runlevel set? (filename only - no path)

Question 4 of 25

Which runlevel shuts down the machine (without restarting it)?

- 0
- 1
- 2
- 3
- 4
- 5
- 6

Question 5 of 25

A host has the IP address 192.168.2.27 and a netmask of 255.255.255.0. What is the broadcast address of that network?

Question 6 of 25

Which of the following can be used to list loaded kernel modules. Select all that apply

- lsmod
- modlist
- modprobe
- cat /proc/modules

Question 7 of 25

What is the main configuration file for BIND (version 8 or later)? Provide the full path.

Question 8 of 25

What does the tcpdump command do?

- Perform a system dump to another machine over the network
- Performs a dump of the current network registers to a local file
- Show traffic currently going through the network interface(s)
- Insert a large number of tcp packets on the network to test network performance

Question 9 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 10 of 25

Which of the following command is most suitable for creating an ISO image from a CD-ROM? Choose the most appropriate answer.

- cc
- cp
- cpio
- dd
- tar

Question 11 of 25

Fill in the blank:

Using the mount command to mount a disc image (e.g. an ISO), the -o _____ option is used. Assume we are going to use any available device, rather than choosing a specific one. The answer should be one word.

-o

Question 12 of 25

After running your preferred configuraton command, what is the normal order for compiling a new kernel?

- make dep; make clean; make bzImage
- make clean; make dep; make bzImage
- make clean; make bzImage; make dep
- make bzImage; make dep; make clean

Question 13 of 25

Which of the following commands will create a ext3 filesystem on /dev/hda1? Select the three most appropriate answers.

- mkfs -t ext3 /dev/hda1
- mke2fs -j /dev/hda1
- format -t -ext3 /dev/hda1

```
mkfs.ext3 /dev/hda1  
newfs -ext3 /dev/hda1
```

Question 14 of 25

What option needs to be used to allow the ping command to be used against a broadcast address?
Enter the option only (do not include the command or any ip addresses).

ping

Question 15 of 25

You need to use tcpwrappers so that only address 192.168.1.7 can access all the services.
Assuming you've added the appropriate entry to /etc/hosts.allow what would you need to put in /etc/hosts.deny? (or leave blank if you would not use hosts.deny)

Question 16 of 25

What is the file used for logging boot messages?

```
/var/log/boot-messages.log  
/log/startup  
/var/log/startup  
/log/dmesg  
/var/log/dmesg
```

Question 17 of 25

What command can be used to see the MAC addresses to IP address information that your machine knows about on your local lan?
Enter the command only, without options.

Question 18 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 19 of 25

What file, holding details of module dependencies, is created by the depmod command?

```
/etc/modules/kernel-version/modules.dep  
/lib/modules/kernel-version/modules.dep  
/var/modules/kernel-version/modules.dep  
/etc/modules/kernel-version/modules.conf  
/lib/modules/kernel-version/modules.conf  
/var/modules/kernel-version/modules.conf
```

Question 20 of 25

After compiling a new kernel which of the following is a valid filename for the compressed kernel?

```
zImage  
Image
```

kernel
vmlinux

Question 21 of 25

Which of the following commands will cancel a reboot that has been requested to happen in the future using the shutdown command?

shutdown -h
shutdown -k
shutdown -c
shutdown -r

Question 22 of 25

Which of the following describe a RAID 0 array?

mirroring
striping
striping with parity

Question 23 of 25

Issuing the command "chkconfig ntpd on" will enable the ntp daemon in which runlevels?

All Runlevels
1 & 2 and 3
2 & 3 & 4 and 5
3 and 5

Question 24 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 25 of 25

What command can be used to display information about a kernel module, including the filename and description?

modls
lsmod
infomod
modinfo