

➤ **Vendor: CompTIA**

➤ **Exam Code: XK0-004**

➤ **Exam Name: CompTIA Linux+ Certification Exam**

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QUESTION 167

A systems administrator notices a large number of autoloaded device modules are no longer needed and decides to do a cleanup of them. Which of the following commands will accomplish this task?

- A. `rmmod -c`
- B. `depmod -r`
- C. `insmod -c`
- D. `modprobe -r`

Answer: D

Explanation:

<http://ccrma.stanford.edu/planetccrma/man/man8/modprobe.8.html>

QUESTION 168

A Linux administrator looks at the `/etc/timezone` file and determines the need to change the time zone from California to New York temporarily. Which of the following commands will accomplish this?

- A. `sed -f TZ=America/New_York`
- B. `cat TZ=America/New_York`
- C. `export TZ=America/New_York`
- D. `printf TZ=America/New_York`

Answer: C

Explanation:

<https://www.thegeekstuff.com/2010/09/change-timezone-in-linux/>

QUESTION 169

A user has been locked out of an account due to too many failed password attempts. Which of the following commands will unlock the user's account?

- A. `pam_tally2 --user=user --reset`
- B. `passwd -u user -G root`
- C. `usermod -u user -G root`
- D. `chage -1 user=user --reset`

Answer: A

Explanation:

https://www.tecmint.com/use-pam_tally2-to-lock-and-unlock-ssh-failed-login-attempts/

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QUESTION 170

A systems administrator receives a report that the web server is not running after a planned system reboot. After starting the web server manually, which of the following commands should the administrator issue to ensure the web server starts at boot time?

- A. `systemctl service on`
- B. `systemctl enable <name>.service`
- C. `systemctl service enable`
- D. `systemctl on <name>.service`

Answer: B

Explanation:

<https://geekflare.com/how-to-auto-start-services-on-boot-in-linux/>

QUESTION 171

An administrator is reviewing updates in the master online Git repository and notices a file named `.htaccess`. The file contains passwords and should only be in the administrator's local repository, not the online one. Which of the following would prevent this file from appearing online in the future?

- A. `git commit -m "File Update" -x .htaccess`
- B. `sed -i 's/#Preserve Hidden=True/Preserve Hidden=True/g' .git/config`
- C. `chown nobody:nodoby .htaccess`
- D. `echo ".htaccess" >> .gitignore`

Answer: D

QUESTION 172

A technician wants to secure a sensitive workstation by ensuring network traffic is kept within the local subnet. To accomplish this task, the technician executes the following command:

```
echo 0 > /proc/sys/net/ipv4/ip_default_ttl
```

Which of the following commands can the technician use to confirm the expected results? (Choose two.)

- A. `tcpdump`
- B. `traceroute`
- C. `route`
- D. `iperf`
- E. `ip`
- F. `arp`

Answer: CF

QUESTION 173

An administrator needs to create a file named `hello` in the home directory that contains the following text:

```
it's me!
```

Which of the following commands would accomplish this goal?

- A. `mkdir ~/hello`
`touch ~/it's me!"`
- B. `touch ~/hello`
`echo "it's me!" > ~/hello`
- C. `mv ~/hello`
`cp "it's me!" > ~/hello`
- D. `type ~/hello`
`print "it's me!"`

Answer: A

QUESTION 174

Which of the following commands will let a Linux user know the PCI devices that are installed in the system?

- A. `cat /proc/devices/pci`
- B. `lspci`
- C. `lsdev`
- D. `cat /proc/sys/dev`

Answer: B

Explanation:

<https://opensource.com/article/19/9/linux-commands-hardware-information>

QUESTION 175

A Linux administrator is updating iptables rules and is given the following tasks:

- `Output a list of iptables rules.`
- `Remove all iptables rules.`

Which of the following actions should be performed from the terminal console to accomplish these tasks? (Choose two.)

- A. `iptables -F`
- B. `iptables -L`
- C. `iptables -I`
- D. `iptables -C`
- E. `iptables -A`
- F. `iptables -N`

Answer: AB

Explanation:

<https://www.digitalocean.com/community/tutorials/how-to-list-and-delete-iptables-firewall-rules>

QUESTION 176

A junior Linux administrator is performing version control on a Git repository. The administrator is given a list of tasks to complete:

- `List the currently installed Git release.`
- `Show the status reporting of the clone.`

Which of the following commands would allow the administrator to complete these tasks? (Choose two.)

- A. `git clone --progress`
- B. `git clone --recursive`
- C. `git --help`
- D. `git clone --dissociate`
- E. `git --version`
- F. `git clone --shared`

Answer: AC

QUESTION 177

A systems administrator needs to allow the Linux server to receive HTTP connections from Internet hosts. By default, the port for HTTP connections is blocked. Which of the following rules should be added in the firewall to allow this type of connection?

- A. `firewall-cmd --zone=public --add-port=443/tcp --permanent`
- B. `firewall-cmd --zone=internal --add-port=80/tcp --permanent`

- C. `firewall-cmd --zone=public --add-port=80/tcp --permanent`
- D. `firewall-cmd --zone=internal --add-port=443/tcp --permanent`

Answer: C