

➤ **Vendor: CompTIA**

➤ **Exam Code: XK0-004**

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

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QUESTION 156

A company wants to provide internal identity verification services for networked devices. Which of the following servers should be installed?

- A. SSH
- B. VPN
- C. CA
- D. DHCP
- E. DNS

Answer: C

QUESTION 157

An administrator notices a directory on a web server named /var/www/html/old_reports that should no longer be accessible on the web. Which of the following commands will accomplish this task?

- A. `chmod 000 /var/www/html/old_reports`
- B. `chgrp root /var/www/html/old_reports`
- C. `chown apache /var/www/html/old_reports`
- D. `setenforce apache /var/www/html/old_reports`

Answer: D

QUESTION 158

A Linux administrator wants to configure log messages of critical or higher severity levels from the cron utility to be logged to the console. Which of the following will accomplish this objective?

- A. Edit the /etc/logrotate.d/cron file to include the line `cron.emerg.* /dev/console`
- B. Edit the /etc/rsyslog.conf file to include the line `cron.emerg.* /dev/console`
- C. Edit the /etc/logrotate.conf file to include the line `cron.emerg.* /dev/console`
- D. Edit the /etc/rsyslog.d/conf file to include the line `cron.emerg.* /dev/console`

Answer: B

QUESTION 159

A file server is sharing a directory called /share between team members inside a company. The fileshare needs to be moved from serverA to /newshare located on serverB with all permissions and attributes preserved. Which of the following commands would BEST achieve this task?

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- A. `rsync -aHAX /share/* serverB:/newshare`
- B. `dd if=/share/* of=serverB:/newshare`
- C. `tar -cvf /share/* serverB:/newshare`
- D. `mirrorlv /share/* serverB:/newshare`

Answer: C

QUESTION 160

An administrator needs to look at a log for an application on a systemd-based system. There is no log for this application in `/var/log`. Which of the following is another way to view the application log on this system?

- A. `tail -f /var/log/secure`
- B. `journalctl -u application`
- C. `systemctl application.service`
- D. `watch /var/lib/application/`

Answer: C

QUESTION 161

Which of the following is true about Type 2 hypervisors?

- A. Type 2 hypervisors run on top of another general purpose OS.
- B. Type 2 hypervisors are often called bare-metal or native hypervisors.
- C. Type 2 hypervisors offer a performance increase to the guests in comparison to a Type 1 hypervisor.
- D. Only Type 2 hypervisors allow direct access to CPU virtualization features.

Answer: A

Explanation:

<https://www.sciencedirect.com/topics/computer-science/hypervisors>

QUESTION 162

A security administrator wants to display a warning banner before a user logs in. Which of the following files must be edited to make this happen?

- A. `/etc/services`
- B. `/etc/issue`
- C. `/etc/hosts`
- D. `/etc/motd`

Answer: D

Explanation:

<https://kerneltalks.com/tips-tricks/how-to-configure-login-banners-in-linux/>

QUESTION 163

Using which of the following control mode commands is the correct way to substitute all occurrences of `/` with `/dev/sdd` while editing a file in `vi`?

`dev/sdc`

- A. `:s//dev/sdc//dev/sdd`
- B. `:s/\dev\sdc/\dev\sdd/g`
- C. `:s/\dev\sdc/\dev\sdd`
- D. `:%s/\dev\sdc/\dev\sdd`

Answer: A

QUESTION 164

A user needs to modify the IP address of a laptop. Which of the following files can be used to configure the network interface named eth0?

- A. /etc/sysconfig/network/interfaces.cnf
- B. /system/config/interfaces
- C. /etc/sysconfig/network-scripts/ifcfg-eth0
- D. /system/networking/ifconfig
- E. /etc/interfaces/eth0.conf

Answer: C

Explanation:

<https://opensource.com/life/16/6/how-configure-networking-linux>

QUESTION 165

A user wants to use terminal services from a Windows workstation to manage a Linux server. Which of the following should be installed on the Linux server to enable this functionality?

- A. VNC
- B. rdesktop
- C. SPICE
- D. XRDP

Answer: B

Explanation:

<https://www.netadmintools.com/art237.html>

QUESTION 166

On a UEFI-based system, which of the following invokes GRUB2 from the EFI command prompt?

- A. boot/EFI/grub2.efi
- B. EFI/grub2.efi
- C. /boot/EFI/grub2.efi
- D. /grub2.efi

Answer: C

Explanation:

<https://docs.pagure.org/docs-fedora/the-grub2-bootloader.html>