

➤ **Vendor: CompTIA**

➤ **Exam Code: XK0-004**

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

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QUESTION 191

A corporate server security policy states, "Ensure password hashes are not readable by non-administrative users." The administrator should check the permissions on which of the following files to ensure the server satisfies this policy?

- A. /etc/shadow
- B. /etc/passwd
- C. /etc/group
- D. /etc/security/limits.conf

Answer: B

QUESTION 192

A Linux systems administrator is implementing Source Code Management for the web application server configuration files located in /etc/httpd/. Which of the following steps should the administrator perform FIRST?

- A. Clone the remote repository using `git clone`
- B. Create a new repository using `git init`
- C. Retrieve the remote changes using `git commit`
- D. Configure the directory for git using `git config`

Answer: D

QUESTION 193

A junior systems administrator is tasked with providing the network_administrators group the ability to perform sudo without prompting for a password. Which of the following steps should the administrator perform to accomplish this task? (Choose two.)

- A. Use visudo to edit the /etc/sudoers file and add network_administrators to the "wheel" group
- B. Use vi to edit the /etc/sudo file and add network_administrators to the "wheel" group
- C. Provide all network_administrators with the "root" account password
- D. Add the network_administrators ALL=(ALL) NOPASSWD: ALL directive to the /etc/sudoers file
- E. Add the network_administrators =(ALL) NOEXEC: ALL directive to the /etc/sudoers file

Answer: CD

QUESTION 194

A storage administrator in a virtualized environment has been told by a user that there is no space left on the volume to which the user can write. However, a check reveals that there is 20GB of unused space. Which of the following explains the discrepancy?

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- A. The drive is not formatted
- B. The drive is thin provisioned
- C. The drive is thick provision eager zeroed
- D. The drive space is overallocated

Answer: B

QUESTION 195

A systems administrator has scheduled a system update for a server. The update includes a resynchronization of the package database and updates to the current packages and the system distribution packages. Which of the following commands contains the proper order of this update?

- A. apt-get upgrade, apt-get dist-upgrade, apt-get update
- B. apt-get update, apt-get upgrade, apt-get dist-upgrade
- C. apt-get dist-upgrade, apt-get upgrade, apt-get update
- D. apt-get update, apt-get dist-upgrade, apt-get upgrade

Answer: B

QUESTION 196

An administrator receives the following message on a remote server: Cannot open display. Which of the following should the administrator have used to log in to the server?

- A. `xrdp -h server.company.com`
- B. `ssh -X server.company.com`
- C. `xvnc server.company.com`
- D. `rdesktop server.company.com`

Answer: B

QUESTION 197

A junior administrator is installing kernel modules. The administrator is given a checklist that outlines the following tasks to be completed:

- Display currently installed module version.
- Display which modules loaded at startup.

Which of the following commands would be used to accomplish these tasks? (Choose two.)

- A. `cat /etc/issue`
- B. `insmod`
- C. `lsmod`
- D. `rmmod`
- E. `depmod`
- F. `dmesg`

Answer: CD

QUESTION 198

An administrator wants to know the amount of memory installed on a Linux server. Which of the following commands can be used to accomplish this task?

- A. `cat /sys/proc/meminfo`
- B. `cat /proc/meminfo`
- C. `cat /proc/sys/meminfo`
- D. `cat /sys/meminfo`

Answer: D

QUESTION 199

A Linux administrator is helping the security team troubleshoot an SELinux policy violation incident. Which of the following would be the BEST utility command to display SELinux violation and AVC denial messages?

- A. journalctl | grep sealert
- B. sealert -a /var/log/audit/audit.log
- C. aureport | grep AVC
- D. cat /var/log/messages | grep selinux

Answer: B

QUESTION 200

A systems administrator received a request to change the hostname to a new name. Which of the following file configurations should be changed to fix the hostname in the server?

- A. /etc/sysconfig/network
- B. /etc/hosts
- C. /etc/resolv.conf
- D. /etc/sysconfig/nsswitch.conf

Answer: B

QUESTION 201

An administrator notices the HISTSIZE variable is 50, using the commands below:

```
HISTSIZE=50
```

```
export HISTSIZE
```

The administrator rechecks the HISTSIZE value using echo HISTSIZE but gets no value. Which of the following commands should the administrator use to retrieve its value?

- A. printenv | grep \$HISTSIZE
- B. echo HISTSIZE
- C. printf HISTSIZE
- D. grep \$HISTSIZE

Answer: B

QUESTION 202

Users in the payroll department are not configured to use DNS due to security concerns. The users ask the junior Linux administrator to configure their workstations to access the payroll server at 192.168.204.11 by the name "Payroll". Which of the following commands should the administrator issue to meet this request?

- A. echo "nameserver 192.168.204.11 #Payroll" >> /etc/resolv.conf
- B. echo "net.ipv4.ip_dynaddr=192.168.204.11 Payroll" >> /etc/sysctl.conf
- C. echo "192.168.204.11 Payroll" >> /etc/hosts
- D. echo `IPADDR="192.168.204.11" #Payroll' >> /etc/network/interface

Answer: C