Vendor: CompTIA

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Exam Name: CompTIA Linux+ Certification Exam

Version: Demo

QUESTION 1

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

Correct Answer: B

Reference: https://www.netadmintools.com/art237.html

QUESTION 2

A Linux administrator needs to configure a new firewall without an existing ACL to allow incoming web traffic. The firewall must log the allowed network traffic. Which of the following command sequences would accomplish this task when they are executed in order?

A. iptables -A INPUT -p tcp --dport 80 -J LOG iptables -A INPUT -p tcp --dport 443 -J LOG iptables -I INPUT -p tcp --dport 80 -J ACCEPT iptables -I INPUT -p tcp --dport 443 -J ACCEPT

B. iptables -I INPUT -m multiport -p tcp --dports 80,443 -J LOG iptables -I INPUT -m multiport -p tcp --dports 80,443 -J ACCEPT

C. iptables -A INPUT -m multiport -p tcp --dports 80,443 -J LOG iptables -A INPUT -m multiport -p tcp --dports 80,443 -J ACCEPT

D. iptables -A INPUT -p tcp --dport 80 -J ACCEPT iptables -A INPUT -p tcp --dport 443 -J ACCEPT iptables -A INPUT -p tcp --dport 80 -J LOG iptables -A INPUT -p tcp --dport 443 -J LOG

Correct Answer: A

Reference: https://www.linode.com/docs/guides/control-network-traffic-with-iptables/

QUESTION 3

A Linux administrator needs to disable the Sendmail service on a Linux server and prevent it from being started manually and during boot.

Which of the following is the BEST command to do this?

A. systemctl reset-failed sendmail

B. systemctl mask sendmail

C. systemctl stop sendmail

D. systemctl disable sendmail

Correct Answer: C

QUESTION 4

A new corporate policy states that Bluetooth should be disabled on all company laptops. Which of the following commands would disable the use of Bluetooth?

A. echo "blacklist bluetooth" > /etc/modprobe.d/blacklist-bluetooth

B. echo "kill bluetooth" > /etc/modprobe.d/kill-bluetooth

C. echo "modprobe bluetooth" > /etc/modprobe.d/modporbe-bluetooth

D. echo "rmmod bluetooth" > /etc/modprobe.d/rmmod-bluetooth

Correct Answer: C

QUESTION 5

A systems administrator wants to mount an ISO to access its content. Using /mnt as a mount point, which of the following is the correct syntax?

A. mount -o iso9660 /dev/sr0 /mnt

B. mount -o loop -t iso /mnt

C. mount -o loop /tmp/image.iso /mnt

D. mount -o loop /dev/kvm /mnt

Correct Answer: D

Reference: https://www.cyberciti.biz/tips/how-to-mount-iso-image-under-linux.html

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QUESTION 6

A junior Linux administrator is setting up system-wide configuration settings. The goal is to ensure the PATH environment variable includes the following locations for all users who log into a Linux system:

```
/usr/local/bin
/usr/local/sbin
```

The administrator issues the following commands at the terminal:

```
echo $PATH

cat /etc/profile
```

Respectively, the output of these commands is as follows:

```
/usr/bin:/usr/sbin:/sbin:/bin


# /etc/profile: system-wide .profile file for the Bourne shell (sh(1))

# and Bourne compatible shells (bash(1), ksh(1), ash(1), …).


if [ `id -u` -eq 0 ]; then

PATH="usr/bin:/usr/sbin:/sbin:/bin"

else

PATH="/usr/local/games"

fi

export PATH
```

Given this output, which of the following would be the BEST action for the administrator to perform to address this issue?

A. Update the /etc/profile.d file using a text editor, navigate to the PATH element, add the missing locations, and run the bash_completion.sh script to update the changes.

B. Update the /etc/profile file using a text editor, navigate to the PATH element, add the missing locations and run the . /etc/profile command to update the changes.

C. Update the /etc/profile.d file using a text editor, navigate to the PATH element, add the missing locations, and reboot to update the changes.

D. Update the /etc/profile file using a text editor navigate to the PATH element, add the missing locations, and restart the bash process to update the changes.

Correct Answer: B

QUESTION 7

Given the output below:

[root@appserver ~]# rm config.txt rm: remove regular file \\'config.txt\\'? yes rm: cannot remove \\'config.txt\\': Operation not permitted

Which of the following might be the cause?

A. The file config.txt does not have the user write bit set.

B. The file config.txt does not exist.

C. The file config.txt has the immutable attribute set.

D. The file config.txt has an ACL that does not permit deletion by others.

Correct Answer: A

QUESTION 8

An administrator has modified the configuration file for a service. The service is still running but is not using the new configured values. Which of the following will BEST remediate this issue?

A. kill -HUP

B. init 0

C. service start

D. renice -10

Correct Answer: A

QUESTION 9

A new user has been added to a Linux machine. Which of the following directories would contain the user\\'s default files?

A. /etc/login.defs

B. /etc/passwd

C. /etc/skel

D. /etc/inittab

Correct Answer: C

Reference: https://linuxize.com/post/how-to-create-users-in-linux-using-the-useradd-command/

QUESTION 10

A server is almost out of free memory and is becoming unresponsive. Which of the following sets of commands will BEST mitigate the issue?

A. free, fack, partprobe

B. lsof, lvcreate, mdadm

C. df, du, rmmod

D. fdisk, mkswap, swapon -a

Correct Answer: D

QUESTION 11

A four-drive Linux NAS has been improperly configured. Each drive has a capacity of 6TB, for a total storage capacity of 24TB. To reconfigure this unit to be not pluggable for drive replacement and provide total storage of 11TB to 12TB, which of the following would be the correct RAID configuration?

A. RAID 01

B. RAID 03

C. RAID 10

D. RAID 50

Correct Answer: C

QUESTION 12

A Linux administrator opens a ticket to have an external hard drive mounted. As a security policy, external storage kernel modules are disabled.

Which of the following is the BEST command for adding the proper kernel module to enable external storage modules?

A. rmmod /lib/modules/3.6.12-100-generic/kernel/drivers/usb/storage/usb- storage.ko

B. modinfo /lib/modules/3.6.12-100-generic/kernel/drivers/usb/storage/usb- storage.ko

C. depmod /lib/modules/3.6.12-100-generic/kernel/drivers/usb/storage/usb- storage.ko

D. insmod /lib/modules/3.6.12-100-generic/kernel/drivers/usb/storage/usb- storage.ko

Correct Answer: D

Reference: https://www.cyberciti.biz/faq/linux-how-to-load-a-kernel-module-automatically-at-boot-time/