

CompTIA

Exam Questions XK0-004

CompTIA Linux+ Certification Exam



NEW QUESTION 1

A Linux administrator needs to switch from text mode to GUI. Which of the following runlevels will start the GUI by default?

- A. Runlevel 3
- B. Runlevel 4
- C. Runlevel 5
- D. Runlevel 6

Answer: C

NEW QUESTION 2

A Linux administration is using a Linux system as a router. During the tests, the administrator discovers that IP packets are not being sent between the configured interfaces.

Which of the following commands enables this feature for IPv4 networks?

- A. `cat /proc/sys/net/ipv4/ip_route > 1`
- B. `echo "1" > /proc/sys/net/ipv4/ip_forward`
- C. `echo "1" > /proc/sys/net/ipv4/ip_route`
- D. `echo "1" > /proc/sys/net/ipv4/ip_net`

Answer: B

NEW QUESTION 3

A Linux administrator has installed a web application firewall in front of a web server running on HTTP port 8080 and successfully started the HTTP server. However, after opening the application URL in an Internet browser, the administrator discovered that the application does not work. The administrator performed the following diagnostic steps:

Output of `sysctl -a` command:

```
kernel.sched_child_runs_first = 0
kernel.panic = 0
kernel.ftrace_enabled = 1
kernel.sysrq = 1
net.ipv4.icmp_echo_ignore_all = 0
```

Output of `iptables -L` command:

```
Chain INPUT (policy ACCEPT)

target    prot opt source destination tcp dpt:webcache

Chain FORWARD (policy ACCEPT)

target    prot opt source destination dpt:webcache

Chain OUTPUT (policy ACCEPT)

target    prot opt source destination
```

Output of `netstat -nltop | grep "8080"`:

```
tcp 0.0.0.0:8080 0.0.0.0* Listen 12801/httpd
```

Which of the following is the NEXT step the administrator should perform to permanently fix the issue at the kernel level?

- A. `sysctl -w net.ipv4.ip_forward=1` then run `sysctl -w /etc/sysctl.conf` to enable the change
- B. Edit `/etc/sysctl.conf` file and add `net.ipv4.ip_forward = 1` then run `sysctl -p /etc/sysctl.conf` to enable the change
- C. Add iptables rule `iptables -A INPUT -m state --state NEW -p tcp --dport 8080 -j` then restart httpd daemon
- D. Add iptables rule `iptables -A FORWARD -m state --state NEW -p tcp --dport 8080 -j ACCEPT` then restart httpd daemon

Answer: D

NEW QUESTION 4

A Linux administrator is testing a new web application on a local laptop and consistently shows the following 403 errors in the laptop's logs"

```
type=AVC msg=audit(126552035:37232) :avc:denied [read] for pid=24941 com=nginx
nme="/home/user1" /dev/sda1 ino=2 scontext=unconfined_u:system_r:httpd_t:s0
tcontext=syssetm_u:object_r:httpd_sys_content:s0
```

The web server starts properly, but an error is generated in the audit log. Which of the following settings should be enabled to prevent this audit message?

- A. `httpd_can_network_connect = 1`
- B. `httpd_enable_scripting = 1`

- C. httpd_enable_homedirs = 1
- D. httpd_enable_cgi = 1

Answer: A

NEW QUESTION 5

A Linux administrator is testing connectivity to a remote host on a shared terminal. The administrator wants to allow other users to access the terminal while the command is executing.

Which of the following commands should the administrator use?

- A. bg ping remotehost
- B. fg ping remotehost
- C. ping remotehost < results
- D. ping remotehost &

Answer: C

NEW QUESTION 6

A user has connected a Bluetooth mouse to a computer, but it is not working properly. Which of the following commands should the systems administrator use to fix the issue?

- A. lsmod -i bluetooth
- B. insmod bluetooth
- C. modprobe -r bluetooth
- D. depmod -i bluetooth

Answer: C

NEW QUESTION 7

Given that a company's policy states that users cannot install third-party tools on Windows servers, which of the following protocols will allow a Linux GUI to connect to a Windows server?

- A. VNC
- B. NX
- C. RDP
- D. X11

Answer: A

NEW QUESTION 8

An administrator is tasked with increasing the size of the volume /dev/vg/lv to 20GB. Which of the following BEST illustrates the steps the administrator should take?

- A. vgextend -L20G /dev/vg/lv; resizelv /dev/vg/lv
- B. parted -L20G /dev/vg/lv; remount /dev/vg/lv
- C. mkfs -L20G /dev/vg/lv; tune2fs /dev/vg/lv
- D. lvextend -L20G /dev/vg/lv; resize2fs /dev/vg/lv

Answer: D

NEW QUESTION 9

A systems administrator must clean up all application files in the directory /var/log/app. However, the company's security policy requires the files to be kept on the backup server for one year. The Linux server has only the tar and bzip2 packages installed.

Which of the following commands will package and compress the files?

- A. tar -zcvf applicationfiles.tar.bz2 /var/log/app/*
- B. tar -jcvf applicationfiles.tar.bz2 /var/log/app/*
- C. tar -cvf applicationfiles.tar.bz2 /var/log/app/*
- D. tar -xvf applicationfiles.tar.bz2 /var/log/app/*

Answer: C

NEW QUESTION 10

A Linux administrator needs the "tech" account to have the option to run elevated commands as root. Which of the following commands would BEST meet this goal?

- A. \$ su - tech -c "/bin/bash"
- B. # usermod -aG wheel tech
- C. # sudo -l tech
- D. # groupadd -u tech -g root

Answer: C

NEW 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

Answer: A

NEW QUESTION 13

A Linux systems administrator installed a new web server, which failed while attempting to start. The administrator suspects that SELinux is causing an issue and wants to temporarily put the system into permissive mode. Which of the following would allow the administrator to accomplish this?

- A. echo SELINUX=PERMISSIVE >> /etc/sysconfig/selinux
- B. setenforce 0
- C. sestatus 0
- D. chcon httpd_sys_content_t /var/

Answer: B

NEW QUESTION 18

A Linux administrator wants to fetch a Git repository from a remote Git server. Which of the following is the BEST command to perform this task?

- A. git checkout
- B. git clone
- C. git merge
- D. git config

Answer: B

NEW QUESTION 20

Which of the following statements BEST represents what the term “agentless” means regarding orchestration?

- A. Installation of a tool is not required on the remote system to perform orchestration tasks
- B. It facilitates version control when using infrastructure as code during orchestration
- C. It automatically removes malware from the remote system during orchestration
- D. A tool can only be accessed remotely to perform orchestration tasks

Answer: A

NEW QUESTION 24

A networked has been crashing intermittently. A Linux administrator would like to write a shell script that will attempt to ping the server and email an alert if the server fails to respond. The script will later be scheduled via cron job.

Which of the following scripts would BEST accomplish this task?

```

A
SERVER='192.168.1.50'
RESULT='ping -C 2 $SERVER'
if [ ! $RESULT ]; then
    echo "Server is down" | mail -s "Server down" admin@email_address.com
fi

B
SERVER="192.168.1.50"
ping -c 2 $SERVER >/dev/null 2>/dev/null
if [ $? -ge 1 ]; then
    echo "Server is down" | mail -s "Server down" admin@email_address.com
fi

```

C

```
SERVER="192.168.1.50"
RESULT='ping -c 2 $SERVER >/dev/null 2>/dev/null'
while [ $RESULT != 1 ];
do
    echo "Server is down" | mail -s "Server down" admin@email_address.com
done
```

D

```
SERVER="192.168.1.50"
ping -c 2 $SERVER >/dev/null 2>/tmp/fail.log
if [ -f /tmp/fail/log ]; then
    echo "Server is down" | mail -s "Server down" admin@email_address.com
fi
```

- A. Option A
- B. Option B
- C. Option C
- D. Option D

Answer: D

NEW QUESTION 26

A Linux administrator must identify a user with high disk usage. The administrator runs the # du -s /home/* command and gets the following output:

```
43      /home/User1
2701    /home/User2
133089  /home/User3
3611    /home/User4
```

Based on the output, User3 has the largest amount of disk space used. To clean up the file space, the administrator needs to find out more information about the specific files that are using the most disk space.

Which of the following commands will accomplish this task?

- A. df -k /home/User/files.txt
- B. du -a /home/User3/*
- C. du -sh /home/User/
- D. find . -name /home/User3 -print

Answer: C

NEW QUESTION 30

A systems administrator needs to retrieve specific fields from a csv file. Which of the following tools would accomplish this task?

- A. awk
- B. sort
- C. print
- D. echo

Answer: A

NEW QUESTION 34

A configuration management tool running every minute is enforcing the service HTTPd to be started. To perform maintenance, which of the following series of commands can be used to prevent the service from being started?

- A. systemctl stop httpd && systemctl mask httpd
- B. systemctl disable httpd && systemctl mask httpd
- C. systemctl stop httpd && systemctl hide httpd
- D. systemctl disable httpd && systemctl hide httpd

Answer: A

NEW QUESTION 37

A junior Linux administrator is trying to verify connectivity to the remote host host1 and display round-trip statistics for ten ICMP. Which of the following commands should the administrator execute?

- A. ping -c 10 host1
- B. traceroute -c 10 host1
- C. netstat host1
- D. pathping -c 10 host1

Answer: A

NEW QUESTION 40

A Linux administrator is using a public cloud provider to host servers for a company's website. Using the provider's tools, the administrator wrote a JSON file to define how to deploy the servers. Which of the following techniques did the administrator use?

- A. Infrastructure as code
- B. Build automation
- C. Platform as a service
- D. Automated configuration

Answer: B

NEW QUESTION 44

An administrator needs to deploy 100 identical CentOS workstations via PXE boot. Which of the following should the administrator use to minimize the amount of interaction with the consoles needed?

- A. Kickstart script
- B. Ghost image on a distribution server
- C. Hard disk duplicator
- D. Hard disk duplicator
- E. Ubiquity script

Answer: A

NEW QUESTION 45

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?
D18912E1457D5D1DDCBD40AB3BF70D5D

- A. RAID 01
- B. RAID 03
- C. RAID 10
- D. RAID 50

Answer: C

NEW QUESTION 48

A Linux administrator has configured a Linux system to be used as a router. The administrator confirms that two network adapters are properly installed and functioning correctly. In addition, the output of the iptables -L command appears to contain a complete firewall configuration. Which of the following commands does the administrator need to issue for the router to be fully functional?

- A. echo "1" > /proc/sys/net/ipv4/ip_forward
- B. echo "0" > /proc/sys/net/ipv4/tcp_abort_on_overflow
- C. echo "0" > /proc/sys/net/ipv4/max_connections
- D. echo "1" > /proc/sys/net/ipv4/ip_default_ttl

Answer: A

NEW QUESTION 53

A Linux server has multiple IPs. A Linux administrator needs to verify if the HTTP server port is bound to the correct IP. Which of the following commands would BEST accomplish this task?

- A. route
- B. host
- C. nslookup
- D. netstat
- E. ip

Answer: D

NEW QUESTION 58

A Linux administrator needs to remotely update the contents of the www.comptia.org/contacts URL. Which of the following commands would allow the administrator to download the current contents of the URL before updating?

- A. curl www.comptia.org/contacts
- B. dig www.comptia.org/contacts
- C. apt-get www.comptia.org/contacts
- D. yum list www.comptia.org/contacts

Answer: A

NEW QUESTION 63

Which of the following is the purpose of the monitoring server role?

- A. To aggregate web traffic to watch which websites employees are visiting
- B. To collect status and performance information about the servers in an environment
- C. To provide user authentication services to a network
- D. To provide real-time analysis of potential threats to the organization

Answer: B

NEW QUESTION 67

After starting a long-running script, a systems administrator needs to verify the frequency of what is filling up the /var partition and kill it because it is consuming too much space.

Which of the following is the correct sequence given only a terminal is available?

- A. 1. CTRL-C2. bg3. watch df /var4. CTRL-C5. fg6. CTRL-Z
- B. 1. CTRL-C2. fg3. watch df /var4. CTRL-Z5. bg6. CTRL-Z
- C. 1. CTRL-Z2. bg3. watch df /var4. CTRL-C5. fg6. CTRL-C
- D. 1. CTRL-Z2. bg3. watch df /var4. CTRL-Z5. fg6. CTRL-C

Answer: D

NEW QUESTION 71

A Linux systems administrator needs to provision multiple web servers into separate regional datacenters. The systems architect has instructed the administrator to define the server infrastructure using a specific tool that consumes a text-based file.

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

- A. To document the infrastructure so it can be included in the system security plan
- B. To ensure the administrator follows the planning phase of the system development life cycle
- C. To define the infrastructure so it can be provisioned consistently with minimal manual tasks
- D. To validate user requirements have been met within each regional datacenter for compliance

Answer: B

NEW QUESTION 73

An administrator needs to mount the shared NFS file system testhost:/testvolume to mount point /mnt/testvol and make the mount persistent after reboot.

Which of the following BEST demonstrates the commands necessary to accomplish this task?

- A.

```
# mkdir -p /mnt/testvol
# echo "testhost:/testvolume /mnt/testvol nfs defaults 0 0" >> /etc/fstab
# mount -a
```
- B.

```
# mkdir /mnt/testvol
# mount testhost:/testvolume /mnt/testbol
```
- C.

```
# mkdir testhost:/testvolume at /mnt/testvol
# mount -a
```
- D.

```
# mkdir /mnt/testvol
# echo "testhost:/testvolume /mnt/testvol" >> /mnt/mnttab
# mount -a
```

Answer: C

NEW QUESTION 76

A systems administrator configured a new kernel module, but it stopped working after reboot. Which of the following will allow the systems administrator to check for module problems during server startup?

- A. lsmod
- B. modprobe
- C. modinfo
- D. dmesg

Answer: C

NEW QUESTION 77

Ann, a junior systems administrator, is required to add a line to the /etc/yum.conf file. However, she receives the following error message when she tries to add the line:

```
root@comptia:~# echo "line" > /etc/yum.conf
-su: /etc/yum.conf: Operation not permitted
```

Ann performs some diagnostics to attempt to find the root cause:

```
root@comptia:~# ls -l /etc/yum.conf
-rw-r--r-- root root 970 Jan 30 2018 /etc/yum.conf
```

```
root@comptia:~# lsattr /etc/yum.conf
----i-----e-- /etc/yum.conf
```

```
root@comptia:~# df -i /etc/yum/conf

Filesystem      Inodes    IUsed     IFree   IUse%  Mounted on
/dev/sda1        524288    192861   331427   37%    /
```

Which of the following commands should Ann execute to write content to /etc/yum?

- A. chmod 755 /etc/yum.conf
- B. setfacl -m m:rw /etc/yum.conf
- C. chattr -l /etc/yum.conf
- D. setenforce 0

Answer: A

NEW QUESTION 80

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

Answer: C

NEW QUESTION 81

While creating a file on a volume, the Linux administrator receives the following message: No space left on device. Running the df -m command, the administrator notes there is still 50% of usage left. Which of the following is the NEXT step the administrator should take to analyze the issue without losing data?

- A. Run the df -i command and notice the inode exhaustion
- B. Run the df -h command and notice the space exhaustion
- C. Run the df -B command and notice the block size
- D. Run the df -k command and notice the storage exhaustion

Answer: A

NEW QUESTION 84

Which of the following are Linux desktop managers? (Choose two.)

- A. KDE
- B. GNOME
- C. GUI
- D. VNC
- E. X11
- F. SPICE

Answer: AB

NEW QUESTION 88

A junior Linux administrator is installing patches using YUM. The administrator issues the following command:

```
yum list installed
```

The output of the command is as follows:

```
Loaded plugins: fastmirror, langpacks
Existing lock /var/run/yum.pid: another copy is running as pid 5180.
Another app is currently holding the yum lock; waiting for it to exit...
The other application is yum
Memory: 26 M RSS (r415 MB VSZ)
Started: Fri Jun 15 08:05:15 2018 - 2:18:48 ago
State: Traced/Stopped pid: 5180
```

Given this scenario and the output, which of the following should the administrator do to address this issue?

- A. renice -n 9 -p 5180
- B. killall yum
- C. ps -ef | grep yum
- D. top | grep yum

Answer: C

NEW QUESTION 91

A member of the production group issues the following command:

```
echo "Monday through Friday" > /production_docs/days
```

The command fails to execute, so the user obtains the following output: drwxr--r-- root production 0 Jun 16 2018 production

```
-rw-r--r-- production production 4096 Jun 14 2018 days
```

Which of the following commands should the user execute to BEST fix the issue?

- A. chmod g+w production to change the permissions of the days file
- B. chgrp root production_docs/days to change the group ownership of the production_docs/ days file
- C. chmod g+S production to set the GUID on the production_docs directory
- D. chown production to change the ownership of the production_docs directory

Answer: D

NEW QUESTION 93

A systems administrator has received reports of intermittent network connectivity to a particular website. Which of the following is the BEST command to use to characterize the location and type of failure over the course of several minutes?

- A. mtr www.comptia.org
- B. traceroute www.comptia.org
- C. ping www.comptia.org
- D. netstat www.comptia.org

Answer: B

NEW QUESTION 97

A Linux systems administrator needs to set permissions on an application with the following parameters: The owner of the application should be able to read, write, and execute the application.

Members of the group should be able to read and execute the application. Everyone else should not have access to the application.

Which of the following commands would BEST accomplish these tasks?

- A. chmod 710 <application name>
- B. chmod 730 <application name>
- C. chmod 750 <application name>
- D. chmod 760 <application name>

Answer: D

NEW QUESTION 100

Which of the following server roles would assign a host IP address?

- A. DHCP
- B. NTP
- C. DNS
- D. SSH

Answer: A

NEW QUESTION 105

A junior administrator needs to unload an older video kernel module. Which of the following commands would BEST accomplish this task?

- A. modprobe
- B. insmod
- C. rmmod
- D. chmod

Answer: A

NEW QUESTION 110

After installing a new web server, you are unable to browse to the default web page. INSTRUCTIONS

Review all the command output and select the command needed to remediate the issue.

If at any time you would like to bring back the initial state of the simulation, please click the Reset All button.

Commands	Answer
<pre>[root@webserver log]# getenforce [root@webserver log]# getsebool -a grep httpd [root@webserver log]# netstat -antp [root@webserver log]# ss -antp [root@webserver log]# ps -ef grep nginx [root@webserver log]# grep avc /var/log/audit/audit.log [root@webserver log]# more /var/log/web/access_log [root@webserver log]# more /var/log/web/error_log [root@webserver log]# ls -la [root@webserver log]# journalctl -u nginx -1 [root@webserver log]# systemctl status webserver [root@webserver log]# sealer</pre>	<pre>[root@webserver log]# systemctl restart nginx setsebool -P httpd_read_user_content =1 restorecon -rv /home/comptia/html kill -HUP 3431 sysctl -w net.ipv4 ip_forward = 1 chown -R comptia: /home/comptia/html/ firewall-cmd --zone=public --service=http --permanent chmod 777 /home/comptia/html/ setfacl -m g:comptia:rwX /home/comptia/html/ cp -R /home/comptia/html /var/www/html</pre>
Output	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Commands	Answer
<pre>[root@webserver log]# getenforce [root@webserver log]# getsebool -a grep httpd [root@webserver log]# netstat -antp [root@webserver log]# ss -antp [root@webserver log]# ps -ef grep nginx [root@webserver log]# grep avc /var/log/audit/audit.log [root@webserver log]# more /var/log/web/access_log [root@webserver log]# more /var/log/web/error_log [root@webserver log]# ls -la [root@webserver log]# journalctl -u nginx -1 [root@webserver log]# systemctl status webserver [root@webserver log]# sealer</pre>	<pre>[root@webserver log]# systemctl restart nginx setsebool -P httpd_read_user_content =1 restorecon -rv /home/comptia/html kill -HUP 3431 sysctl -w net.ipv4 ip_forward = 1 chown -R comptia: /home/comptia/html/ firewall-cmd --zone=public --service=http --permanent chmod 777 /home/comptia/html/ setfacl -m g:comptia:rwX /home/comptia/html/ cp -R /home/comptia/html /var/www/html</pre>
Output	

NEW QUESTION 111

A systems administrator is configuring options on a newly installed Linux VM that will be deployed to the Pacific time zone. Which of the following sets of commands should the administrator execute to accurately configure the correct time settings?

- A. cd /etc ln -s /usr/share/zoneinfo/US/Pacific localtime
- B. cd /usr/local ln -s /usr/share/zoneinfo/US/Pacific zoneinfo
- C. cd /etc/local ln -s /usr/share/zoneinfo/US/Pacific localtime
- D. cd /usr/share/local ln -s /usr/share/zoneinfo/US/Pacific localecl

Answer: A

NEW QUESTION 114

A systems administrator is enabling quotas on the /home directory of a Linux server. The administrator makes the appropriate edits to the /etc/fstab file and attempts to issue the commands to enable quotas on the desired directory. However, the administrator receives an error message stating the filesystem does not support quotas. Which of the following commands should the administrator perform to proceed?

- A. mount -o remount /home
- B. quotacheck -cg
- C. edquota /home
- D. quotaon /home

Answer: D

NEW QUESTION 117

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` -eg 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.

Answer: B

NEW QUESTION 121

A systems administrator observes high latency values when reaching a remote web server. Which of the following commands will help determine and isolate issues on the network side?

- A. mtr
- B. dig
- C. netstat
- D. route

Answer: A

NEW QUESTION 123

A system administrator has deployed a Linux server based on an Anaconda process with all packages and custom configurations necessary to install a web server role.

Which of the following could be used to install more Linux servers with the same characteristics?

- A. /etc/sysconfig/anaconda/cfg
- B. /root/anaconda.auto
- C. /root/anaconda-ks.cfg
- D. /etc/sysconfig/installation.cfg

Answer: C

NEW QUESTION 128

A Linux administrator built a GitLab server. Later that day, a software engineer tried to access the server to upload the repository during the final step of installation. The software engineer could not access the website. Which of the following firewall rules would allow access to this site?

- A. iptables -A INPUT -p tcp -m multiport --dports 80,443 -m conntrack -cstate NEW, ESTABLISHED -j ACCEPT
- B. iptables -A INPUT -p tcp -m multiport --dports 80,443 -m conntrack -cstate ESTABLISHED -j ACCEPT
- C. iptables -A INPUT -p tcp -m multiport --dports 80,443 -m conntrack -cstate RELATED, ESTABLISHED -j ACCEPT
- D. iptables -A INPUT -p tcp -m multiport --dports 80,443 -m conntrack -cstate NEW, ESTABLISHED -j REJECT

Answer: C

NEW QUESTION 130

A junior Linux administrator is updating local name resolution to support IPv6. The administrator issues the command `cat /etc/hosts` and receives the following output: `127.1.1.1 localhost`

Which of the following actions should the administrator perform to accomplish this task?

- A. Modify the `/etc/hosts` file, and add the `ipv6 localhost` entry to the file.
- B. Modify the `/etc/hosts` file, and add the `::1 localhost` entry to the file.
- C. Modify the `/etc/hosts` file, and add the `ipv4 localhost` entry to the file.
- D. Modify the `/etc/hosts` file, and add the `0.0.0.0 localhost` entry to the file.

Answer: D

NEW QUESTION 135

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

NEW QUESTION 136

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