



CompTIA

Exam Questions XK0-004

CompTIA Linux+ Certification Exam

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NEW QUESTION 1

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 2

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
ACCEPT    tcp  -- anywhere anywhere      tcp dpt:webcache

Chain FORWARD (policy ACCEPT)

target    prot opt source destination
ACCEPT    tcp  -- anywhere anywhere      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 3

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 4

A systems administration team has decided to their systems as immutable instances. They keep the desired state of each of their systems in version control and apply automation whenever they provision a new instance. If there is an issue with one of their servers, instead of troubleshooting the issue they terminate the instance and rebuild it using automation.

Which of the following is this an example of?

- A. Inventory
- B. Orchestration

- C. Infrastructure as code
- D. Agentless deployment

Answer: C

NEW QUESTION 5

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 6

A systems administrator needs to append output of `ls -lha /opt` command to the contents of a `test.txt` file. Which of the following commands will accomplish this?

- A. `ls -lha /opt > test.txt`
- B. `ls -lha /opt < test.txt`
- C. `ls -lha /opt >> test.txt`
- D. `ls -lha /opt << test.txt`

Answer: C

NEW QUESTION 7

A junior systems administrator is upgrading a package that was installed on a Red Hat-based system. The administrator is tasked with the following: Update and install the new package.

Verify the new package version is installed.

Which of the following should be done to BEST accomplish these task? (Choose two.)

- A. `yum install <package name>`
- B. `yum upgrade`
- C. `rpm -e <package name>`
- D. `rpm -qa`
- E. `apt-get <package name>`
- F. `apt-get upgrade`

Answer: AD

NEW QUESTION 8

A junior systems is configuring localization option environment variables. The administrator is given a checklist of tasks with the following requirements: View current settings of the `LC_ALL` environment variable only. Modify the `LANG` environment variable to US English Unicode.

Given this scenario, which of the following should be performed to meet these requirements? (Choose two.)

- A. `echo $LC_ALL`
- B. `locale`
- C. `cat $LC_ALL`
- D. `export LANG = en_US.UTF-8`
- E. `export $LANG = en_US.UTF`
- F. `stty`

Answer: BD

NEW QUESTION 9

A user, `jsmith`, needs access to database files located on a server. Which of the following will add `jsmith` to the "dba" group and preserve existing group memberships?

- A. `usermod -a -G dba jsmith`
- B. `usermod -g dba jsmith`
- C. `useradd -g dba jsmith`
- D. `groupmod dba -u jsmith`

Answer: AC

Explanation:

According to the reference given below. Both AC is correct.

NEW QUESTION 10

A Linux server needs to be accessed, but the root password is not available.

Which of the following would BEST allow an administrator to regain access and set a new known password at the same time?

- A. Boot into a single-user mode and reset the password via the `passwd` command.
- B. Boot into a single-user mode and reset the password by editing the `/etc/passwd` file.
- C. Boot into a single-user mode and reset the password by editing the `/etc/shadow` file.
- D. Boot into a single-user mode and reset the password via the `chage` command.

Answer: A

NEW QUESTION 10

Which of the following is a difference between YAML and JSON?

- A. Users can comment in YAML but not in JSON
- B. JSON only curly brackets, while YAML only uses square brackets
- C. JSON is used in web development, while YAML is used solely in back-end systems.
- D. YAML has been deprecated for JSON.

Answer: A

NEW QUESTION 14

A system administrator has set up third-party log aggregation agents across several cloud instances. The systems administrator wants to create a dashboard of failed SSH attempts and the usernames used.

Which of the following files should be watched by the agents?

- A. /var/log/audit/audit.log
- B. /var/log/kern.log
- C. /var/log/monitor
- D. /etc/rsyslog.conf

Answer: D

NEW QUESTION 19

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 24

Which of the following commands would show the default printer on a Linux system?

- A. lpr
- B. lpq
- C. lpstat
- D. lspci

Answer: B

NEW QUESTION 26

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 31

Which of the following is the purpose of the vmlinux file on a Linux system?

- A. To prevent a Linux kernel panic
- B. To start a Linux virtual machine
- C. To provide the executable kernel for the system
- D. To enable resource access to the network

Answer: C

NEW QUESTION 34

A Linux administrator needs to back up the folder /usr/domain, and the output must be a gzip compressed tar. Which of the following commands should be used?

- A. tar -cv domain.tar.gz /usr/domain
- B. tar -cvf /usr/domain domain.tar.gz
- C. tar -czvf domain.tar.gz /usr/domain
- D. tar -cxzv /usr/domain domain.tar.gz

Answer: C

NEW QUESTION 37

A technical support engineer receives a ticket from a user who is trying to create a 1KB file in the /tmp directory and is getting the following error No space left on device. The support engineer checks the /tmp directory, and it has 20GB of free space.

Which of the following BEST describes a possible cause for this error?

- A. The /tmp directory is not mounted.
- B. The filesystem is formatted with a 4MB block size.
- C. the filesystem ran out of inodes.
- D. The /tmp directory has been set with an immutable attribute.

Answer: C

NEW QUESTION 38

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

Answer: A

NEW QUESTION 41

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 42

A junior systems administrator is creating a cron job. The cron job requirements are as follows: Run the hello.sh script every hour (24 times in one day). Run it on Monday only.

Given this scenario, which of the following crontab options should be configured to meet these requirements?

- A. 0 *** 1 hello.sh
- B. 0 24 ** Monday hello.sh
- C. 24 *** Monday hello.sh
- D. 1 *** 0 hello.sh

Answer: C

NEW QUESTION 47

An administrator has written the following Bash script:

```
/home/user/test.sh

#!/usr/bin/sh
for i in `cat /home/user/iplist.txt`
do
    nslookup $i
done
echo
```

All necessary files exist in the correct locations. However, when the administrator executes /home/user/test.sh the following error is received:

No such file or directory

Which of the following is the MOST likely cause of the error?

- A. The shebang points to the wrong path.
- B. The script is not executable.
- C. The formatting of the file is incorrect.
- D. Nslookup is not installed.

Answer: A

NEW QUESTION 51

A company wants to ensure that all newly created files can be modified only by their owners and that all new directory content can be changed only by the creator of the directory. Which of the following commands will help achieve this task?

- A. umask 0022
- B. umask 0012
- C. chmod -R 0644 /
- D. chmod -R 0755 /

Answer: A

NEW QUESTION 53

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 57

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 61

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

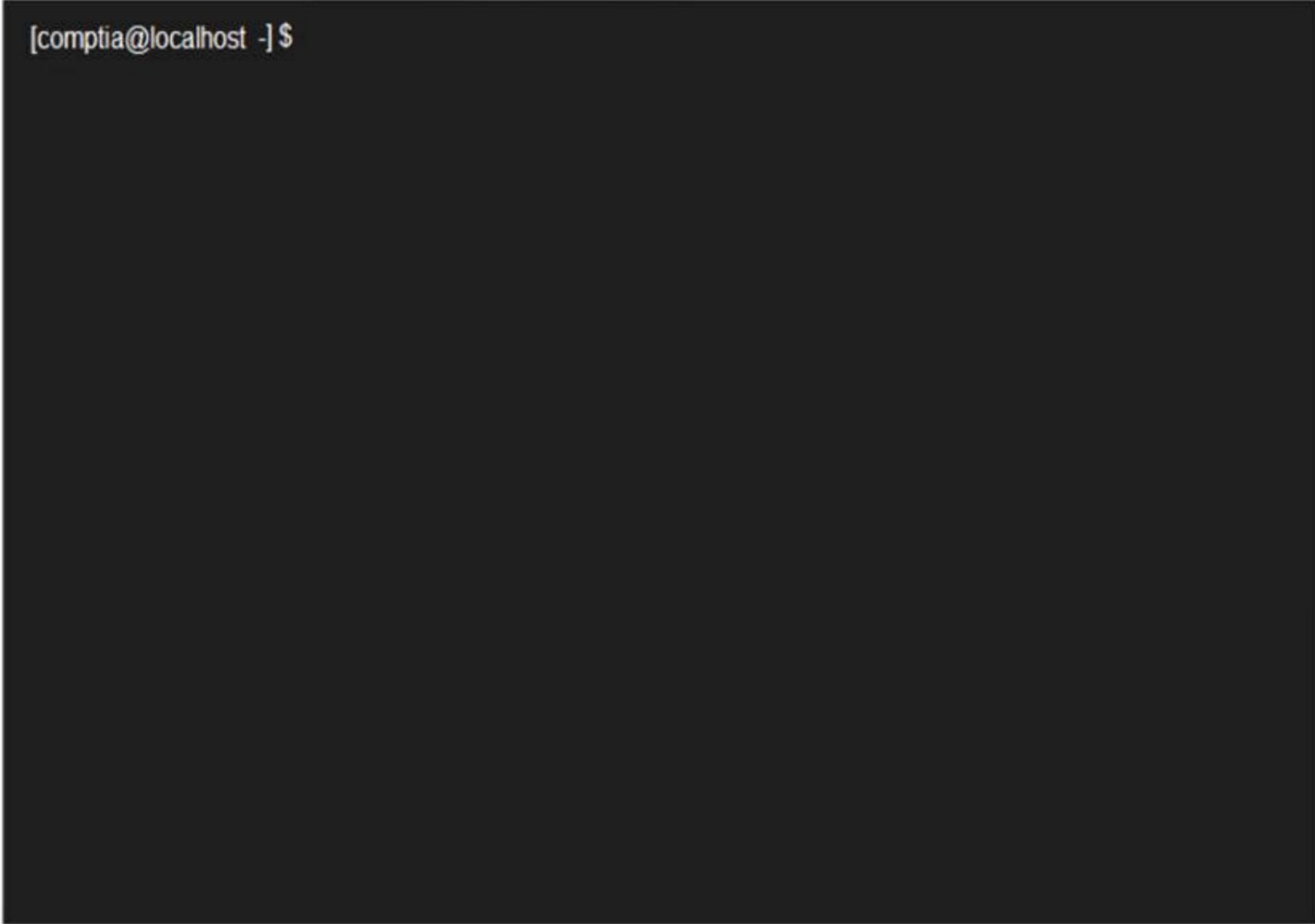
Answer: B

NEW QUESTION 66

Find the file named core and remove it from the system. INSTRUCTIONS

Type "help" to display a list of available commands.

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

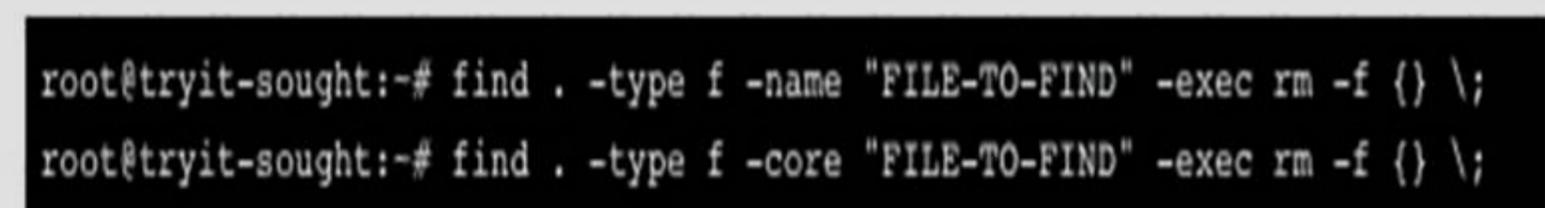


```
[comptia@localhost ~]$
```

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



```
root@tryit-sought:~# find . -type f -name "FILE-TO-FIND" -exec rm -f {} \;  
root@tryit-sought:~# find . -type f -core "FILE-TO-FIND" -exec rm -f {} \;
```

NEW QUESTION 68

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 72

A Linux administrator wants to obtain a list of files and subdirectories in the /etc directory that contain the word "services". Once the files and subdirectories are discovered, they should be listed alphabetically in the /var/tmp/foundservices file. Which of the following shell scripts will accomplish this task?

- A. #/bin/bashfind /etc -name services | sort > /var/tmp/foundservices
- B. #/bin/bashlocate /etc -sort -name services > /var/tmp/foundservices
- C. #/bin/bashfind -name services -sort </var/tmp/foundservices
- D. #/bin/bashfind /etc -name services -sort > /var/tmp/foundservices

Answer: B

NEW QUESTION 75

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 76

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/sdal        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 78

An administrator notices that a long-running script, /home/user/script.sh, is taking up a large number of system resources. The administrator does not know the script's function. Which of the following commands should the administrator use to minimize the script's impact on system resources?

- A. renice
- B. kill
- C. bg
- D. nohup

Answer: A

NEW QUESTION 82

A systems administrator suspects a process with a PID of 2864 is consuming resources at an alarming rate. The administrator uses the command renice -n -5 -p2864, but it does not solve the issue. Which of the following commands should the administrator execute to correct the issue?

- A. nice -n 5 -p 2864
- B. nice -n -5 -p 2864
- C. renice -n 10 -p 2864
- D. renice -n -10 -p 2864

Answer: D

NEW QUESTION 86

An administrator reviews the following configuration file provided by a DevOps engineer:

Tasks:

```
- name:Install php-fpm from repo
  yum:
    name: php-fpm
    state: present
- name:Install mysql from repo
  yum:
    name: mysql-server
    state: present
```

Which of the following would the application parsing this file MOST likely have to support?

- A. YAML
- B. AJAX
- C. JSON
- D. SOAP

Answer: C

NEW QUESTION 89

A junior Linux administrator needs to ensure a service will start on system boot. Which of the following commands should be used to accomplish this task?

- A. chkconfig <service> on
- B. systemctl <service> bootup
- C. service <service> enable
- D. crontab install <service>

Answer: A

NEW QUESTION 94

A user wants to list the lines of a log, adding a correlative number at the beginning of each line separated by a set of dashes from the actual message. Which of the following scripts will complete this task?

```
A. #!/bin/bash
LOG='/var/log/auth.log'
nrlines=0
while read LINE
do
    nrlines=$((nrlines + 1))
    echo $nrlines --- ${LINE}
done < ${LOG}

B. #!/bin/bash
LOG='/var/log/auth.log'
nrlines=0
while read LINE
do
    nrlines=$((nrlines + 1))
    echo $nrlines --- ${LINE}
done

C. #!/bin/bash
LOG='/var/log/auth.log'
nrlines=0
while read LINE
do
    nrlines=$((nrlines + 1))
    echo $nrlines --- ${LINE}
done < ${LOG}

D. #!/bin/bash
LOG='/var/log/auth.log'
nrlines=0
while read LINE
do
    nrlines=$((nrlines + 1))
    echo $nrlines --- ${LINE}
done < ${LOG}
```

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

Answer: D

NEW QUESTION 97

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 102

A new HTTPS web service is being deployed on a server. Which of the following commands should the Linux administrator use to ensure traffic is able to flow through the system firewall to the new service?

- A. `iptables -I OUTPUT -p tcp --sport 443 -j ACCEPT`
- B. `iptables -A INPUT -p tcp --dport 443 -j ACCEPT`
- C. `iptables -I INPUT --dport 443 -j ACCEPT`
- D. `iptables -A OUTPUT -p tcp --dport 443 -j ACCEPT`

Answer: C

NEW QUESTION 105

A Linux systems administrator wants the ability to access systems remotely over SSH using RSA authentication. to which of the following files should the RSA token be added to allow this access?

- A. `authorized_keys`
- B. `~/.ssh/ssh_config`
- C. `id_rsa.pub`
- D. `known_hosts`

Answer: C

NEW QUESTION 106

A junior Linux administrator needs to access production servers using a secure SSH protocol. Which of the following files should contain the public key to gain remote access to the server?

- A. `~/ssh/authorized-keys`
- B. `/etc/authorized_keys`
- C. `/etc/sshd/ssh.conf`
- D. `~/ssh/authorized_keys`

Answer: D

NEW QUESTION 111

An administrator needs to see a list of the system user's encrypted passwords. Which of the following Linux files does the administrator need to read?

- A. `/etc/shadow`
- B. `/etc/skel`
- C. `/etc/passwd`
- D. `/etc/pw`

Answer: C

NEW QUESTION 116

Which of the following configuration files should be modified to disable Ctrl-Alt-Del in Linux?

- A. `/etc/inittab`
- B. `~/.bash_profile`
- C. `/etc/securetty`
- D. `/etc/security/limits.conf`

Answer: A

NEW QUESTION 121

A Linux storage administrator wants to create a logical volume group. Which of the following commands is required to start the process?

- A. `pvcreate`
- B. `vgcreate`

- C. lvcreate
- D. mkfs.xfs

Answer: B

NEW QUESTION 123

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

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

Answer: A

NEW QUESTION 124

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 129

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 -l [root@webserver log]# systemctl status webserver [root@webserver log]# sealer</pre>	<pre>[root@webserver log]#</pre>
	<pre>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 -l [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>
<p>Output</p>	

NEW QUESTION 131

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 localectl`

Answer: A

NEW QUESTION 134

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 137

A junior administrator is migrating a virtual machine from a Type 1 hypervisor to a Type 2 hypervisor. To ensure portability, which of the following formats should the administrator export from the Type 1 hypervisor to ensure compatibility?

A. OWASP

B. VDI

C. VMDK

D. OVA

Answer: D

NEW QUESTION 141

Two specific users need access to a directory owned by root where backups are located. Which of the following commands would BEST ensure the specified users can access the backup files?

A. `umask`

B. `chcon`

C. `chmod`

D. `setfacl`

Answer: D

NEW QUESTION 145

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 147

An engineer is working on a production application deployment that requires changing a web application property file called `server.property` that is managed by the Git version control system. A cloned copy of the remote repository in which the `server.property` file exists is on the local desktop computer. The engineer makes appropriate changes to the files, saves it as `server.property`, and executes `git commit -m "changed the property file" server.property`. Which of the following commands did the engineer fail to perform?

A. `git init server.property`

B. `git merge server.property`

C. `git add server.property`

D. `git push server.property`

Answer: D

NEW QUESTION 151

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 153

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