

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 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 5

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 6

A systems administrator is unable to reach other devices on the network and the Internet. The server is configured with the IP address 192.169.1.50/24 on eth0. The server’s router is 192.168.1.1. The administrator reviews the output of `route -n`:

Kernel IP routing table

| Destination | Gateway | Genmask | Flags | Metric | Ref | Use | Iface |
|-------------|-------------|---------------|-------|--------|-----|-----|-------|
| 0.0.0.0 | 192.168.2.1 | 0.0.0.0 | UG | 1024 | 0 | 0 | eth0 |
| 192.168.1.0 | 0.0.0.0 | 255.255.255.0 | U | 0 | 0 | 0 | eth0 |

Which of the following commands should the administrator run to correct the issue?

- A. `route del default gw 192.168.2.1 eth0; route add default gw 192.168.1.1 eth0`
- B. `route add -net 192.168.10.0 netmask 255.255.255.0 gw 192.168.2.1 eth0`
- C. `route add 192.168.1.1 default 192.168.1.50 eth0`
- D. `route host gw 192.168.1.1 eth0`

Answer: B

NEW QUESTION 7

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 8

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 9

A junior Linux administrator is installing a new application with CPU architecture requirements that have the following specifications:

x64 bit 3.0GHz speed

Minimum quad core

The administrator wants to leverage existing equipment but is unsure whether the requirements of these systems are adequate. The administrator issues the following command `cat /proc/cpuinfo`. The output of the command is as follows:

```
processor:      0
vendor_id:     GenuineIntel
cpu_family:    x64
model:         58
model name:    Intel (R) Core(TM) i7-3687U @2.10 GHz
stepping:      9
microcode:     0x1c
cpu MHz:       2593.84
cache size:    4096KB
siblings:      1
core id:       0
cpd cores:     4
```

Which of the following is the recommended course of action the administrator should take based on this output?

- A. Install the application, as the system meets the application requirements
- B. Procure new equipment that matches the recommended specifications
- C. Recompile the Linux kernel to support the installation.
- D. Reconfigure lib modules to support the new application.

Answer: A

NEW QUESTION 10

As a Systems Administrator, to reduce disk space, you were tasked to create a shell script that does the following:
Add relevant content to /tmp/script.sh, so that it finds and compresses rotated files in /var/log without recursion.

INSTRUCTIONS

Fill the blanks to build a script that performs the actual compression of rotated log files.

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

Snippets

| | | |
|--------------|--------|----------------|
| tar | until | zip |
| egrep | awk | \$log |
| "\$@" | pgrep | repeat |
| /tmp/tmpfile | locate | filename |
| rar | then | "log.[1-6]f" |
| in | done | /var/log |
| for | xz | "\$1" |
| sed | gzip | "\$log.[1-6]f" |
| while | | |

```
#!/bin/bash

#name: script.sh

find /var/log -type f -maxdepth 1 | grep [?] > /tmp/tmpfile

[?] filename [?] $(cat [?])

do

[?] $filename

[?]
```

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Snippets

| | | |
|--------------|--------|-----------------|
| tar | until | zip |
| egrep | awk | \$log |
| "\$o" | pgrep | repeat |
| /tmp/tmpfile | locate | filename |
| rar | then | "log.[1-6]\$" |
| in | done | /var/log |
| for | xz | "\$1" |
| sed | gzip | "\$log.[1-6]\$" |
| while | | |

```
#!/bin/bash

#name: script.sh

find /var/log -type f -maxdepth 1 | grep "$1" > /tmp/tmpfile

for filename in $(cat /tmp/tmpfile)
do
    gzip $filename
done
```

NEW QUESTION 10

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 11

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 12

Which of the following would be the BEST solution for a systems administrator to access the graphical user environment of a Linux machine remotely?

- A. VNC
- B. KDE
- C. X11
- D. RPC

Answer: A

NEW QUESTION 15

An administrator is attempting to block SSH connections to 192.168.10.24 using the Linux firewall. After implementing a rule, a connection refused error is displayed when attempting to SSH to 192.168.10.24.

Which of the following rules was MOST likely implemented?

- A. iptables -A -p tcp -d 192.168.10.24 -dropt 22 -j REJECT
- B. iptables -A -p tcp -d 192.168.10.24 -dropt 22 -j DROP

- C. iptables -A -p tcp -d 192.168.10.24 -dropt 22 -j FORWARD
D. iptables -A -p tcp -d 192.168.10.24 -dropt 22 -j REFUSE

Answer: A

NEW QUESTION 20

Ann, a junior Linux administrator, needs to copy software from her local machine to assist in developing a software application on a remote machine with the IP address 192.168.3.22. The file needs to be placed on the /tmp directory. After downloading the RPM to the local machine, which of the following commands would be BEST to use to copy the software?

- A. scp ~/software.rpm USER@192.168.3.22:/tmp
B. scp ~/software.rpm USER@192.168.3.22: /tmp
C. wget USER@192.168.3.22:/tmp -f ~/software.rpm
D. scp USER@192.168.3.22 ~/software.rpm :/tmp

Answer: C

NEW QUESTION 24

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 25

Given the output below:

```
drwxr-xr-x. 4096 user1 user1 Documents
drwxr-xr-x. 4096 user1 user1 Music
lrwxrwxrwx. 1 root root MyPhoto.jpg ->/Pictures/photo.jpg
drwxr-xr-x. 4096 user1 user1 Pictures
-rw-r--r--. 256 user1 user1 text.txt
-rw-r--r--. 35 user1 user1 tmp.tmp
```

Which of the following commands can be used to remove MyPhoto.jpg from the current directory?

- A. unlink ./MyPhoto.jpg
B. del Pictures/photo.jpg
C. rm -rf ./Pictures
D. rm -f MyPhoto.jpg
E. ln -rm ./Pictures/photo.jpg

Answer: E

NEW QUESTION 30

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 31

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 34

In order to comply with new security policies, an administrator needs to prevent the SSH server from using insecure algorithms. Which of the following files should be edited to accomplish this?

- A. /etc/ssh/sshd_config
B. /etc/ssh/ssh_config

- C. ~/.ssh/ssh_config
- D. /etc/ssh/known_hosts

Answer: A

NEW QUESTION 36

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 41

A junior Linux administrator is optimizing a system in which an application needs to take priority 0 when running the process. The administrator runs the ps command and receives the following output:

| PID | PPID | TTY | Time | CMD |
|------|------|--------|----------|-----|
| 8481 | 2 | pts/17 | 16:40:00 | app |
| 9854 | 0 | pts/17 | 16:40:00 | ps |

Given this scenario, which of the following steps will address this issue?

- A. Issue the command rnice -n 0 -p 8481
- B. Issue the command renice -p 8481
- C. Issue the command renice -p 0 ~n 8481
- D. Issue the command renice -n 8481

Answer: D

NEW QUESTION 45

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 47

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 51

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 53

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 56

Which of the following BEST describes running on a Linux system?

- A. Containers only need the namespaces functionality to run on a Linux system available since kernel 2.6.
- B. Containers need a hypervisor to run a Linux system
- C. Cgroups namespaces are functionalities used for the kernel but not for running containers.
- D. Containers only need the cgroups functionality for running on a Linux system
- E. Namespaces is not a Linux kernel functionality needed for creating and managing containers.
- F. Containers use the cgroups and namespaces functionalities to isolate processes and assign hardware resources to each of those isolated processes.

Answer: D

NEW QUESTION 57

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 62

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 65

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 69

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 74

An operator finds a user is having issues with opening certain files. Which of the following commands would allow the security administrator to list and check the SELinux context?

- A. ls -D
- B. ls -a
- C. ls -Z
- D. ls -l

Answer: C

NEW QUESTION 79

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 83

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 86

A Linux system is running normally when the systems administrator receives an alert that one application spawned many processes. The application is consuming a lot of memory, and it will soon cause the machine to become unresponsive. Which of the following commands will stop each application process?

- A. kill 'pidof application'
- B. killall application
- C. kill -9 'ps -aux | grep application'
- D. pkill -9 application

Answer: B

NEW QUESTION 87

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 88

An administrator receives a warning about a file system filling up, and then identifies a large file located at /tmp/largelogfile. The administrator deletes the file, but no space is recovered on the file system.

Which of the following commands would BEST assists the administrator in identifying the problem?

- A. lsof | grep largelogfile
- B. pkill /tmp/largelogfile
- C. pgrep largelogfile
- D. ps -ef | grep largelogfile

Answer: A

NEW QUESTION 93

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

Answer: C

NEW QUESTION 98

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 102

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 104

A Linux administrator needs to take stock of USB devices attached to the system. Which of the following commands would be BEST to complete this task?

- A. `lspci`
- B. `lsusb`
- C. `cat /proc/USB`
- D. `modprobe --usb`

Answer: B

NEW QUESTION 106

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 108

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 109

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 113

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`

Answer: D

NEW QUESTION 115

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 119

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 121

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 123

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 124

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> |
| Output | <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> |

- 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]#</pre> |
| Output | <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> |

NEW QUESTION 127

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 /etcln -s /usr/share/zoneinfo/US/Pacific localtime
B. cd /usr/localn -s /usr/share/zoneinfo/US/Pacific zoneinfo
C. cd /etc/localn -s /usr/share/zoneinfo/US/Pacific localtime
D. cd /usr/share/localn -s /usr/share/zoneinfo/US/Pacific localect

Answer: A

NEW QUESTION 131

A junior administrator of a physical server receives log messages indicating the out-of-memory killer has been active. All memory slots are in use on the motherboard, but additional disk space is available. Space has been allocated for a swap file.

Which of the following should the administrator use to reduce the output of memory messages?

- A. free : swapoff / swapfile ; swapon -a
- B. mkswap /swapfile; swapon -a
- C. fallocate -l 2G /swapfile && swapon -a
- D. echo "1" > /proc/meminfo ; swapon / swapfile

Answer: A

NEW QUESTION 135

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 138

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 140

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