

# CompTIA

## Exam Questions XK0-005

CompTIA Linux+ Certification Exam



**NEW QUESTION 1**

A Linux administrator is reviewing changes to a configuration file that includes the following section:

```
tls:
  certificates:
    - certFile: /etc/ssl/cert.cer
      keyFile: /etc/ssl/cert.key
      stores: default
    - certFile: /etc/ssl/expired.cer
      keyFile: /etc/ssl/expired.key
      stores: expired
```

The Linux administrator is trying to select the appropriate syntax formatter to correct any issues with the configuration file. Which of the following should the syntax formatter support to meet this goal?

- A. Markdown
- B. XML
- C. YAML
- D. JSON

**Answer: C**

**NEW QUESTION 2**

Which of the following tools is BEST suited to orchestrate a large number of containers across many different servers?

- A. Kubernetes
- B. Ansible
- C. Podman
- D. Terraform

**Answer: A**

**NEW QUESTION 3**

A Linux administrator reviews a set of log output files and needs to identify files that contain any occurrence of the word denied. All log files containing entries in uppercase or lowercase letters should be included in the list. Which of the following commands should the administrator use to accomplish this task?

- A. `find . -type f -print | xargs grep -ln denied`
- B. `find . -type f -print | xargs grep -nv denied`
- C. `find . -type f -print | xargs grep -wL denied`
- D. `find . -type f -print | xargs grep -li denied`

**Answer: A**

**NEW QUESTION 4**

A Linux administrator was asked to run a container with the httpd server inside. This container should be exposed at port 443 of a Linux host machine while it internally listens on port 8443. Which of the following commands will accomplish this task?

- A. `podman run -d -p 443:8443 httpd`
- B. `podman run -d -p 8443:443 httpd`
- C. `podman run -d -e 443:8443 httpd`
- D. `podman exec -p 8443:443 httpd`

**Answer: A**

**NEW QUESTION 5**

A Linux administrator needs to expand a volume group using a new disk. Which of the following options presents the correct sequence of commands to accomplish the task?

- A. `partprobe vgcreate lvextend`
- B. `lvcreate fdisk partprobe`
- C. `fdiskpartprobe mkfs`
- D. `fdiskpvcreate vgextend`

**Answer: D**

**NEW QUESTION 6**

Which of the following technologies can be used as a central repository of Linux users and groups?

- A. LDAP
- B. MFA
- C. SSO
- D. PAM

**Answer:** A

#### NEW QUESTION 7

At what point is the Internal Certificate Authority (ICA) created?

- A. During the primary Security Management Server installation process.
- B. Upon creation of a certificate.
- C. When an administrator decides to create one.
- D. When an administrator initially logs into SmartConsole.

**Answer:** A

#### NEW QUESTION 8

A Linux administrator needs to create an image named sda.img from the sda disk and store it in the /tmp directory. Which of the following commands should be used to accomplish this task?

- A. dd of=/dev/sda if=/tmp/sda.img
- B. dd if=/dev/sda of=/tmp/sda.img
- C. dd --if=/dev/sda --of=/tmp/sda.img
- D. dd --of=/dev/sda --if=/tmp/sda.img

**Answer:** B

#### NEW QUESTION 9

A Linux administrator is adding a new configuration file to a Git repository. Which of the following describes the correct order of Git commands to accomplish the task successfully?

- A. pull -> push -> add -> checkout
- B. pull -> add -> commit -> push
- C. checkout -> push -> add -> pull
- D. pull -> add -> push -> commit

**Answer:** B

#### NEW QUESTION 10

Which of the following files holds the system configuration for journal when running systemd?

- A. /etc/systemd/journald.conf
- B. /etc/systemd/systemd-journalctl.conf
- C. /usr/lib/systemd/journalctl.conf
- D. /etc/systemd/systemd-journald.conf

**Answer:** A

#### NEW QUESTION 10

A systems administrator is tasked with setting up key-based SSH authentication. In which of the following locations should the administrator place the public keys for the server?

- A. ~/.sshd/authkeys
- B. ~/.ssh/keys
- C. ~/.ssh/authorized\_keys
- D. ~/.ssh/keyauth

**Answer:** C

#### NEW QUESTION 14

An administrator installed an application from source into /opt/operations1/ and has received numerous reports that users are not able to access the application without having to use the full path /opt/operations1/bin/\*. Which of the following commands should be used to resolve this issue?

- A. echo 'export PATH=\$PATH:/opt/operations1/bin' >> /etc/profile
- B. echo 'export PATH=/opt/operations1/bin' >> /etc/profile
- C. echo 'export PATH=\$PATH/opt/operations1/bin' >> /etc/profile
- D. echo 'export \$PATH:/opt/operations1/bin' >> /etc/profile

**Answer:** A

#### Explanation:

It would be better to put the directory before \$PATH, so that way the directory is searched before the rest of the pathing options in \$PATH.

#### NEW QUESTION 19

A systems administrator is tasked with creating an Ansible playbook to automate the installation of patches on several Linux systems. In which of the following languages should the playbook be written?

- A. SQL
- B. YAML

- C. HTML
- D. JSON

**Answer: B**

#### NEW QUESTION 20

A Linux systems administrator is setting up a new web server and getting 404 - NOT FOUND errors while trying to access the web server pages from the browser. While working on the diagnosis of this issue, the Linux systems administrator executes the following commands:

```
# getenforce
Enforcing

# matchpathcon -V /var/www/html/*
/var/www/html/index.html has context unconfined_u:object_r:user_home_t:s0, should be system_u:object_r:httpd_sys_content_t:s0
/var/www/html/page1.html has context unconfined_u:object_r:user_home_t:s0, should be system_u:object_r:httpd_sys_content_t:s0
```

Which of the following commands will BEST resolve this issue?

- A. sed -i 's/SELINUX=enforcing/SELINUX=disabled/' /etc/selinux/config
- B. restorecon -R -v /var/www/html
- C. setenforce 0
- D. setsebool -P httpd\_can\_network\_connect\_db on

**Answer: B**

#### NEW QUESTION 22

Which of the following commands is used to configure the default permissions for new files?

- A. setenforce
- B. sudo
- C. umask
- D. chmod

**Answer: C**

#### NEW QUESTION 23

A Linux administrator has set up a new DNS forwarder and is configuring all internal servers to use the new forwarder to look up external DNS requests. The administrator needs to modify the firewall on the server for the DNS forwarder to allow the internal servers to communicate to it and make the changes persistent between server reboots. Which of the following commands should be run on the DNS forwarder server to accomplish this task?

- A. ufw allow out dns
- B. systemctl reload firewalld
- C. iptables -A OUTPUT -p udp -ra udp -dport 53 -j ACCEPT
- D. firewall-cmd --zone-public --add-port-53/udp --permanent

**Answer: D**

#### NEW QUESTION 25

When trying to log in remotely to a server, a user receives the following message:

```
Password:
Last failed login: Wed Sep 15 17:23:45 CEST 2021 from 10.0.4.3 on ssh:notty
There were 3 failed login attempts since the last successful login.
Connection to localhost closed.
```

The server administrator is investigating the issue on the server and receives the following outputs:

Output 1:

```
user:x:1001:1001::/home/user:/bin/false
```

Output 2:

```
drwx-----. 2 user 62 Sep 15 17:17 /home/user
```

Output 3:

```
Sep 12 14:14:05 server sshd[22958]: Failed password for user from 10.0.2.8
Sep 15 17:24:03 server sshd[1460]: Accepted keyboard-interactive/pam for user from 10.0.6.5 port 50928 ssh2
Sep 15 17:24:03 server sshd[1460]: pam_unix(sshd:session): session opened for user testuser
Sep 15 17:24:03 server sshd[1460]: pam_unix(sshd:session): session closed for user testuser
```

Which of the following is causing the issue?

- A. The wrong permissions are on the user's home directory.
- B. The account was locked out due to three failed logins.
- C. The user entered the wrong password.

D. The user has the wrong shell assigned to the account.

**Answer:** D

#### NEW QUESTION 27

A systems administrator received a notification that a system is performing slowly. When running the top command, the systems administrator can see the following values:

```
%Cpu(s): 2.7 us, 1.9 sy, 0.0 ni, 0.4 id, 95 wa, 0.0 hi, 0.0 si 0.0 st
```

Which of the following commands will the administrator most likely run NEXT?

- A. vmstat
- B. strace
- C. htop
- D. lsof

**Answer:** A

#### NEW QUESTION 32

A Linux administrator was tasked with deleting all files and directories with names that are contained in the sobelete.txt file. Which of the following commands will accomplish this task?

- A. xargs -f cat toDelete.txt -rm
- B. rm -d -r -f toDelete.txt
- C. cat toDelete.txt | rm -frd
- D. cat toDelete.txt | xargs rm -rf

**Answer:** B

#### NEW QUESTION 33

A Linux administrator needs to determine whether a hostname is in the DNS. Which of the following would supply the information that is needed?

- A. nslookup
- B. rsyn
- C. netstat
- D. host

**Answer:** A

#### NEW QUESTION 34

A Linux administrator created a new file system. Which of the following files must be updated to ensure the filesystem mounts at boot time?

- A. /etc/sysctl
- B. /etc/filesystems
- C. /etc/fstab
- D. /etc/nfsmount.conf

**Answer:** C

#### NEW QUESTION 36

A Linux systems administrator needs to persistently enable IPv4 forwarding in one of the Linux systems. Which of the following commands can be used together to accomplish this task? (Choose two.)

- A. sysctl net.ipv4.ip\_forward
- B. sysctl -w net.ipv4.ip\_forward=1
- C. echo "net.ipv4.ip\_forward=1" >> /etc/sysctl.conf
- D. echo 1 > /proc/sys/net/ipv4/ip\_forward
- E. sysctl -p
- F. echo "net.ipv6.conf.all.forwarding=1" >> /etc/sysctl.conf

**Answer:** BC

#### NEW QUESTION 39

A Linux systems administrator receives reports from various users that an application hosted on a server has stopped responding at similar times for several days in a row. The administrator logs in to the system and obtains the following output:

Output 1:

```
[Tue Aug 31 16:36:42 2021] OOM: Kill process 43805 (java) score 249 or sacrifice child
[Tue Aug 31 16:36:42 2021] killed process 43805 (java) total-vms: 4446352kB, anon-rss: 4053140kB, file-rss: 68kB
```

Output 2:



```
Linux 3.10.0-328.13.1.x86_64 #1 (hostname) 31/08/2021 _x86_64_ (8 CPU)
16:00:01 PM      CPU      %user   %nice   %system   %iowait   %steal     %idle
16:10:01 PM      all      17.58    0.00     9.36     0.00     0.00    73.06
16:20:01 PM      all      22.34    0.00    11.75     0.00     0.00    65.91
16:30:01 PM      all      25.49    0.00    11.69     0.00     0      62.82
```

Output 3:

```
$ free -m
              total        used        free   shared  buff/cache   available
Mem:         16704      15026         174        92         619         793
Swap:           0           0           0
```

Which of the following should the administrator do to provide the BEST solution for the reported issue?

- A. Configure memory allocation policies during business hours and prevent the Java process from going into a zombie state while the server is idle.
- B. Configure a different nice value for the Java process to allow for more users and prevent the Java process from restarting during business hours.
- C. Configure more CPU cores to allow for the server to allocate more processing and prevent the Java process from consuming all of the available resources.
- D. Configure the swap space to allow for spikes in usage during peak hours and prevent the Java process from stopping due to a lack of memory.

**Answer: A**

#### NEW QUESTION 42

A Linux administrator needs to remove software from the server. Which of the following RPM options should be used?

- A. rpm -s
- B. rm -d
- C. rpm -q
- D. rpm -e

**Answer: D**

#### NEW QUESTION 46

A Linux administrator is alerted to a storage capacity issue on a server without a specific mount point or directory. Which of the following commands would be MOST helpful for troubleshooting? (Choose two.)

- A. parted
- B. df
- C. mount
- D. du
- E. fdisk
- F. dd
- G. ls

**Answer: BD**

#### NEW QUESTION 49

A systems administrator is receiving tickets from users who cannot reach the application app that should be listening on port 9443/tcp on a Linux server. To troubleshoot the issue, the systems administrator runs netstat and receives the following output:

```
# netstat -anp | grep appd | grep -w LISTEN
tcp 0 0 127.0.0.1:9443 0.0.0.0:* LISTEN 1234/appd
```

Based on the information above, which of the following is causing the issue?

- A. The IP address 0.0.0.0 is not valid.
- B. The application is listening on the loopback interface.
- C. The application is listening on port 1234.
- D. The application is not running.

**Answer: B**

#### Explanation:

The server is in a "Listen" state on port 9943 using its loopback address. The "1234" is a process-id

#### NEW QUESTION 52

A Linux systems administrator is configuring a new filesystem that needs the capability to be mounted persistently across reboots. Which of the following commands will accomplish this task? (Choose two.)

- A. df -h /data
- B. mkfs.ext4 /dev/sdc1
- C. fsck /dev/sdc1
- D. fdisk -l /dev/sdc1
- E. echo "/data /dev/sdc1 ext4 defaults 0 0" >> /etc/fstab

F. echo "/dev/sdc1 /data ext4 defaults 0 0" >> /etc/fstab

**Answer:** BF

**Explanation:**

"modify the /etc/fstab text file to automatically mount the new partition by opening it in an editor and adding the following line:

/dev/xxx 1 /data ext4 defaults 1 2

where xxx is the device name of the storage device" <https://learning.oreilly.com/library/view/mastering-linux-system/9781119794455/b01.xhtml>

**NEW QUESTION 53**

A systems administrator wants to be sure the sudo rules just added to /etc/sudoers are valid. Which of the following commands can be used for this task?

- A. visudo -c
- B. test -f /etc/sudoers
- C. sudo vi check
- D. cat /etc/sudoers | tee test

**Answer:** A

**NEW QUESTION 56**

A user generated a pair of private-public keys on a workstation. Which of the following commands will allow the user to upload the public key to a remote server and enable passwordless login?

- A. scp ~/.ssh/id\_rsa user@server:~/
- B. rsync ~ /.ssh/ user@server:~/
- C. ssh-add user server
- D. ssh-copy-id user@server

**Answer:** D

**NEW QUESTION 60**

A Linux administrator is providing a new Nginx image from the registry to local cache. Which of the following commands would allow this to happen?

- A. docker pull nginx
- B. docker attach nginx
- C. docker commit nginx
- D. docker import nginx

**Answer:** A

**NEW QUESTION 65**

A developer is trying to install an application remotely that requires a graphical interface for installation. The developer requested assistance to set up the necessary environment variables along with X11 forwarding in SSH. Which of the following environment variables must be set in remote shell in order to launch the graphical interface?

- A. \$RHOST
- B. SETENV
- C. \$SHELL
- D. \$DISPLAY

**Answer:** D

**NEW QUESTION 67**

A Linux administrator is trying to remove the ACL from the file /home/user/data.txt but receives the following error message:

```
setfacl: data.txt: operation not permitted
```

Given the following analysis:

```
/dev/mapper/linux-home on /home type xfs (rw,relatime,seclabel,attr2,inode64,usrquota)

-rw-rw-r--+ 1 user staff 2354 Sep 15 16:33 data.txt
-rw-rw-r--+ user staff unconfined_u:object_r:user_home_t:s0 data.txt

# file: data.txt
# owner: user
# group: staff
user::rw-
user:accounting:rw-
group::r-
mask::rw-
other::r-

Attributes:
-----a-----
```

Which of the following is causing the error message?

- A. The administrator is not using a highly privileged account.
- B. The filesystem is mounted with the wrong options.
- C. SELinux file context is denying the ACL changes.
- D. File attributes are preventing file modification.

**Answer: D**

#### NEW QUESTION 72

A Linux administrator wants to set the SUID of a file named dev\_team.txt with 744 access rights. Which of the following commands will achieve this goal?

- A. chmod 4744 dev\_team.txt
- B. chmod 744 --setuid dev\_team.txt
- C. chmod -c 744 dev\_team.txt
- D. chmod -v 4744 --suid dev\_team.txt

**Answer: A**

#### NEW QUESTION 74

Joe, a user, is unable to log in to the Linux system Given the following output:

```
# grep joe /etc/passwd /etc/shadow
/etc/passwd:joe:x:1001:1001::/home/joe:/bin/nologin
/etc/shadow:joe:$6$3uOw6qWx9876jGhgKJsdfH987634534voj.:18883:0:99999:7:::
```

Which of the following command would resolve the issue?

- A. usermod -s /bin/bash joe
- B. pam\_tally2 -u joe -r
- C. passwd -u joe
- D. chage -E 90 joe

**Answer: A**

#### NEW QUESTION 75

Junior system administrator had trouble installing and running an Apache web server on a Linux server. You have been tasked with installing the Apache web server on the Linux server and resolving the issue that prevented the junior administrator from running Apache.

##### INSTRUCTIONS

Install Apache and start the service. Verify that the Apache service is running with the defaults. Typing “help” in the terminal will show a list of relevant event commands.

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



#### CentOS Command Prompt

```
[root@centos7]#
```

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

```
yum install httpd
systemctl --now enable httpd systemctl status httpd
netstat -tunlp | grep 80 pkill <processname> systemctl restart httpd systemctl status httpd
```

#### NEW QUESTION 80

After installing some RPM packages, a systems administrator discovers the last package that was installed was not needed. Which of the following commands can be used to remove the package?

- A. dnf remove packagename
- B. apt-get remove packagename
- C. rpm -i packagename
- D. apt remove packagename

**Answer:** A

#### NEW QUESTION 82

An administrator deployed a Linux server that is running a web application on port 6379/tcp. SELinux is in enforcing mode based on organization policies. The port is open on the firewall.

Users who are trying to connect to a local instance of the web application receive Error 13, Permission denied. The administrator ran some commands that resulted in the following output:

```
# semanage port -l | egrep '(`http_port_t|6379) '
http_port_t tcp 80, 81, 443, 488, 8008, 8009, 8443, 9000

# curl http://localhost/App.php
Cannot connect to App Server.
```

Which of the following commands should be used to resolve the issue?

- A. semanage port -d -t http\_port\_t -p tcp 6379
- B. semanage port -a -t http\_port\_t -p tcp 6379
- C. semanage port -a http\_port\_t -p top 6379
- D. semanage port -l -t http\_port\_tcp 6379

**Answer:** B

#### NEW QUESTION 85

A Linux administrator found many containers in an exited state. Which of the following commands will allow the administrator to clean up the containers in an exited state?

- A. docker rm --all
- B. docker rm \$(docker ps -aq)
- C. docker images prune \*
- D. docker rm --state exited

**Answer:** D

#### NEW QUESTION 90

A Linux engineer needs to create a custom script, cleanup.sh, to run at boot as part of the system services. Which of the following processes would accomplish this task?

- A. Create a unit file in the /etc/default/ director
- B. systemctl enable cleanupsystemctl is-enabled cleanup
- C. Create a unit file in the /etc/ske1/ director
- D. systemctl enable cleanupsystemctl is-enabled cleanup
- E. Create a unit file in the /etc/systemd/system/ director
- F. systemctl enable cleanupsystemctl is-enabled cleanup
- G. Create a unit file in the /etc/sysctl.d/ director
- H. systemctl enable cleanupsystemctl is-enabled cleanup

**Answer:** C

#### NEW QUESTION 92

A developer has been unable to remove a particular data folder that a team no longer uses. The developer escalated the issue to the systems administrator. The following output was received:

```
# rmdir data/
rmdir: failed to remove 'data/': Operation not permitted
# rm -rf data/
rm: cannot remove 'data': Operation not permitted
# mv data/ mydata
mv: cannot move 'data/' to 'mydata': Operation not permitted
# cd data/
# cat > test.txt
bash: test.txt: Permission denied
```

Which of the following commands can be used to resolve this issue?

- A. chgrp -R 755 data/
- B. chmod -R 777 data/
- C. chattr -R -i data/
- D. chown -R data/

**Answer:** C

#### NEW QUESTION 94

Using AD Query, the security gateway connections to the Active Directory Domain Controllers using what protocol?

- A. Windows Management Instrumentation (WMI)
- B. Hypertext Transfer Protocol Secure (HTTPS)
- C. Lightweight Directory Access Protocol (LDAP)
- D. Remote Desktop Protocol (RDP)

**Answer:** A

#### NEW QUESTION 99

A systems administrator created a new Docker image called test. After building the image, the administrator forgot to version the release. Which of the following will allow the administrator to assign the v1 version to the image?

- A. docker image save test test:v1
- B. docker image build test:vl
- C. docker image tag test test:vl
- D. docker image version test:v1

**Answer:** C

#### NEW QUESTION 103

A systems administrator installed a new software program on a Linux server. When the systems administrator tries to run the program, the following message appears on the screen.

```
Hardware virtualization support is not available on this system.  
Either is not present or disabled in the system's BIOS
```

Which of the following commands will allow the systems administrator to check whether the system supports virtualization?

- A. dmidecode -s system-version
- B. lscpu
- C. sysctl -a
- D. cat /sys/device/system/cpu/possible

**Answer: B**

#### NEW QUESTION 106

A systems administrator is deploying three identical, cloud-based servers. The administrator is using the following code to complete the task:

```
resource "aws_instance" "ec2_instance" {  
  
    ami                = data.aws_ami.vendor-Linux-2.id  
    associate_public_ip_address = true  
    count              = 3  
    instance_type      = "instance_type"  
    vpc_security_group_ids = [aws_security_group.allow_ssh.id]  
    key_name            = aws_key_pair.key_pair.key_name  
  
    tags = {  
        Name = "${var.namespace} ${count.index}"  
    }  
}
```

Which of the following technologies is the administrator using?

- A. Ansible
- B. Puppet
- C. Chef
- D. Terraform

**Answer: D**

#### NEW QUESTION 109

A systems administrator is checking the system logs. The administrator wants to look at the last 20 lines of a log. Which of the following will execute the command?

- A. tail -v 20
- B. tail -n 20
- C. tail -c 20
- D. tail -l 20

**Answer: B**

#### NEW QUESTION 112

A server is experiencing intermittent connection issues. Some connections to the Internet work as intended, but some fail as if there is no connectivity. The systems administrator inspects the server configuration:

## Routing table:

```
default via 89.107.157.129 dev ens3 proto static metric 100
default via 10.0.5.1 dev ens11 proto dhcp metric 101
10.0.0.0/16 dev sn11 proto kernel scope link src 10.0.6.225 metric 101
89.107.157.128/26 via 89.107.157.129 dev ens3 proto static metric 100
89.107.157.129 dev ens3 proto static scope link metric 100
89.107.157.160/29 dev ens3 proto kernel scope link src 89.107.157.161 metric 100
```

## IP configuration:

```
ens3:
  inet 89.107.157.161/29 brd 89.107.157.167 scope global noprefixroute ens3
ens11:
  inet 10.0.6.225/16 brd 10.0.255.255 scope global noprefixroute dynamic ens11
```

## ARP table:

Address	Hwtype	Hwaddress	Flags	Mask	Iface
10.0.5.1	ether	64:d1:54:c4:75:cb	C		ens11
89.107.157.129	ether	5c:5e:ab:01:85:cf	C		ens3
89.107.157.162	ether	52:54:00:e1:44:0a	C		ens3
10.0.255.1	ether	00:50:7f:e3:aa:1c	C		ens11

```
/etc/resolv.conf:
Generated by NetworkManager
search company.com
nameserver 10.0.5.1
```

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

- A. An internal-only DNS server is configured.
- B. The IP netmask is wrong for ens3.
- C. Two default routes are configured.
- D. The ARP table contains incorrect entries.

**Answer: C**

**NEW QUESTION 116**

A Linux administrator is scheduling a system job that runs a script to check available disk space every hour. The Linux administrator does not want users to be able to start the job. Given the following:

```
[Unit]
Description=Check available disk space
RefuseManualstart=yes
RefuseManualStop=yes

[Timer]
Persistent=true
OnCalendar=*-*-* *:00:00
Unit=checkdiskspace.service

[Install]
WantedBy=timers.target
```

The Linux administrator attempts to start the timer service but receives the following error message:

```
Failed to start checkdiskspace.timer: Operation refused ...
```

Which of the following is MOST likely the reason the timer will not start?

- A. The checkdiskspace.timer unit should be enabled via systemctl.
- B. The timers.target should be reloaded to get the new configuration.
- C. The checkdiskspace.timer should be configured to allow manual starts.
- D. The checkdiskspace.timer should be started using the sudo command.



Answer: C

#### NEW QUESTION 118

A Linux administrator is troubleshooting a memory-related issue. Based on the output of the commands:

```
$ vmstat -s --unit M

968 M total memory
331 M used memory
482 M active memory
279 M inactive memory
99 M free memory

$ free -h

              total        used        free      shared  buff/cache   available
Mem:          968M        331M        95M         13M         540M         458M
Swap:           0           0           0

$ ps -aux | grep script.sh
USER  PID   %CPU  %MEM  VSZ   RSS     TTY  STAT  START  TIME  COMMAND
user   8321  2.8   40.5 3224846 371687  7    SN    16:49  2:09  /home/user/script.sh
```

Which of the following commands would address the issue?

- A. top -p 8321
- B. kill -9 8321
- C. renice -10 8321
- D. free 8321

Answer: C

#### NEW QUESTION 120

A systems administrator was tasked with assigning the temporary IP address/netmask 192.168.168.1/255.255.255.255 to the interface eth0 of a Linux server. When adding the address, the following error appears:

```
# ip address add 192.168.168.1/33 dev eth0
```

Error: any valid prefix is expected rather than "192.168.168.1/33".

Based on the command and its output above, which of the following is the cause of the issue?

- A. The CIDR value /33 should be /32 instead.
- B. There is no route to 192.168.168.1/33.
- C. The interface eth0 does not exist.
- D. The IP address 192.168.168.1 is already in use.

Answer: C

#### NEW QUESTION 125

A systems administrator requires that all files that are created by the user named web have read-only permissions by the owner. Which of the following commands will satisfy this requirement?

- A. chown web:web /home/web
- B. chmod -R 400 /home/web
- C. echo "umask 377" >> /home/web/.bashrc
- D. setfacl read /home/web

Answer: B

#### NEW QUESTION 127

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