

# CompTIA

## Exam Questions XK0-005

CompTIA Linux+ Certification Exam



#### NEW QUESTION 1

In order to copy data from another VLAN, a systems administrator wants to temporarily assign IP address 10.1.6.5/24 to the newly added network interface enp1s0f1. Which of the following commands should the administrator run to achieve the goal?

- A. `ip addr add 10.0.6.5/24 dev enp1s0f1`
- B. `echo "IPV4_ADDRESS=10.0.6.5/24" > /etc/sysconfig/network-scripts/ifcfg-enp1s0f1`
- C. `ifconfig 10.0.6.5/24 enp1s0f1`
- D. `nmcli conn add ipv4.address-10.0.6.5/24 ifname enp1s0f1`

**Answer:** A

#### NEW QUESTION 2

A systems administrator pressed Ctrl+Z after starting a program using the command line, and the shell prompt was presented. In order to go back to the program, which of the following commands can the administrator use?

- A. `fg`
- B. `su`
- C. `bg`
- D. `ed`

**Answer:** A

#### Explanation:

Ctrl+Z suspended the process, and "fg" will bring it back into the foreground of the shell

#### NEW QUESTION 3

A Linux system is getting an error indicating the root filesystem is full. Which of the following commands should be used by the systems administrator to resolve this issue? (Choose three.)

- A. `df -h /`
- B. `fdisk -l /dev/sdb`
- C. `growpart /dev/mapper/rootvg-rootlv`
- D. `pvcreate /dev/sdb`
- E. `lvresize -L +10G -r /dev/mapper/rootvg-rootlv`
- F. `lsblk /dev/sda`
- G. `parted -l /dev/mapper/rootvg-rootlv`
- H. `vgextend /dev/rootvg /dev/sdb`

**Answer:** DEH

#### NEW QUESTION 4

Users have been unable to reach [www.comptia.org](http://www.comptia.org) from a Linux server. A systems administrator is troubleshooting the issue and does the following:

**Output 1:**

```
2: eth0: <BROADCAST,MULTICAST,UP, LOWER_UP> mtu 1500 qdisc noqueue state UP group default qlen 1000
    link/ether ac:11:22:33:44:cd brd ff:ff:ff:ff:ff:ff
    inet 192.168.168.10/24 brd 192.168.169.255 scope global dynamic noprefixroute eth0
        valid_lft 8097sec preferred_lft 8097sec
    inet fe80::4daf:8c7c:a6ff:2771/64 scope link noprefixroute
        valid_lft forever preferred_lft forever
```

**Output 2:**

```
nameserver 192.168.168.53
```

**Output 3:**

```
FING 192.168.168.53 (192.168.168.53) 56(84) bytes of data.
64 bytes from 192.168.168.53: icmp_seq=1 ttl=64 time=2.85 ms

--- 192.168.168.53 ping statistics ---
1 packets transmitted, 1 received, 0% packet loss, time 0ms
rtt min/avg/max/mdev = 2.847/2.847/2.847/0.000 ms
```

**Output 4:**

```
192.168.168.0/24 dev eth0 proto kernel scope link src 192.168.168.10 metric 600
```

**Output 5:**

```
...
;; QUESTION SECTION:
;www.comptia.org. IN A

;; ANSWER SECTION:
. 0 CLASS4096 OPT 10 8 LqmNvk0AazU=

;; ADDITIONAL SECTION:
www.comptia.org. 3385 IN A 23.96.239.26
...
```

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

- A. The name www.comptia.org does not point to a valid IP address.
- B. The server 192.168.168.53 is unreachable.
- C. No default route is set on the server.
- D. The network interface eth0 is disconnected.

**Answer: C**

**NEW QUESTION 5**

A cloud engineer needs to change the secure remote login port from 22 to 49000. Which of the following files should the engineer modify to change the port number to the desired value?

- A. /etc/host.conf
- B. /etc/hostname
- C. /etc/services
- D. /etc/ssh/sshd\_config

**Answer: D**

**NEW QUESTION 6**

A systems administrator is implementing a new service task with systems at startup and needs to execute a script entitled test.sh with the following content:

```
TIMESTAMP=$(date '+%Y-%m-%d %H:%M:%S')
echo "helpme.service: timestamp $(Timestamp)" | systemd-cat -p info
sleep 60
done
```

The administrator tries to run the script after making it executable with chmod +x; however, the script will not run. Which of the following should the administrator do to address this issue? (Choose two.)

- A. Add #!/bin/bash to the bottom of the script.
- B. Create a unit file for the new service in /etc/systemd/system/ with the name helpme.service in the location.
- C. Add #!/bin/bash to the top of the script.
- D. Restart the computer to enable the new service.
- E. Create a unit file for the new service in /etc/init.d with the name helpme.service in the location.
- F. Shut down the computer to enable the new service.

**Answer: BC**

**NEW QUESTION 7**

Some servers in an organization have been compromised. Users are unable to access to the organization's web page and other services. While reviewing the system log, a systems administrator notices messages from the kernel regarding firewall rules:

```
Oct 20 03:45:50 hostname kernel: iptables denied: IN=eth0 OUT=
MAC=xx:xx:xx:xx:xx:xx:xx:xx:xx:xx:xx:xx:xx:xx:xx:xx SRC=x.x.x.x DST=x.x.x.x LEN=1059 TOS=0x00
PREC=0x00 TTL=115 ID=31368 DF PROTO=TCP
SPT=17992 DPT=80 WINDOW=16477 RES=0x00 ACK PSH URGP=0
Oct 20 03:46:02 hostname kernel: iptables denied: IN=eth0 OUT=
MAC=xx:xx:xx:xx:xx:xx:xx:xx:xx:xx:xx:xx:xx:xx:xx:xx SRC=x.x.x.x DST=x.x.x.x LEN=52 TOS=0x00
PREC=0x00 TTL=52 ID=763 DF PROTO=TCP SPT=20229 DPT=22 WINDOW=15598 RES=0x00 ACK URGP=0
Oct 20 03:46:14 hostname kernel: iptables denied: IN=eth0 OUT=
MAC=xx:xx:xx:xx:xx:xx:xx:xx:xx:xx:xx:xx:xx:xx:xx:xx SRC=x.x.x.x DST=x.x.x.x LEN=324 TOS=0x00
PREC=0x00 TTL=49 ID=64245 PROTO=TCP SPT=47237 DPT=80 WINDOW=470 RES=0x00 ACK PSH URGP=0
Oct 20 03:46:26 hostname kernel: iptables denied: IN=eth0 OUT=
MAC=xx:xx:xx:xx:xx:xx:xx:xx:xx:xx:xx:xx:xx:xx:xx:xx SRC=x.x.x.x DST=x.x.x.x LEN=52 TOS=0x00
PREC=0x00 TTL=45 ID=2010 PROTO=TCP SPT=48322 DPT=80 WINDOW=380 RES=0x00 ACK URGP=0
```

Which of the following commands will remediate and help resolve the issue?

A. C:\Users\Admin\Desktop\Data\Odt data\Untitled.jpg

```
Iptables -A FORWARD -i eth0 -p tcp --dport 80 -j ACCEPT
Iptables -A FORWARD -i eth0 -p tcp --dport 22 -j ACCEPT
```

B. C:\Users\Admin\Desktop\Data\Odt data\Untitled.jpg

```
Iptables -A INPUT -i eth0 -p tcp --dport 80 -j ACCEPT
Iptables -A INPUT -i eth0 -p tcp --dport 22 -j ACCEPT
```

C. C:\Users\Admin\Desktop\Data\Odt data\Untitled.jpg

```
Iptables -A INPUT -i eth0 -p tcp --sport 80 -j ACCEPT
Iptables -A INPUT -i eth0 -p tcp --sport 22 -j ACCEPT
```

D. C:\Users\Admin\Desktop\Data\Odt data\Untitled.jpg

```
Iptables -A INPUT -i eth0 -p tcp --dport :80 -j ACCEPT
Iptables -A INPUT -i eth0 -p tcp --dport :22 -j ACCEPT
```

**Answer: B**

**NEW QUESTION 8**

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 9**

Based on an organization's new cybersecurity policies, an administrator has been instructed to ensure that, by default, all new users and groups that are created fall within the specified values below.

```
# Min/max values for automatic uid selection in useradd
#
UID_MIN 1000
UID_MAX 60000
# Min/max values for automatic gid selection in groupadd
#
GID_MIN 1000
GID_MAX 60000
```

To which of the following configuration files will the required changes need to be made?

- A. /etc/login.defs
- B. /etc/security/limits.conf
- C. /etc/default/useradd
- D. /etc/profile

**Answer:** A

#### NEW QUESTION 10

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

A Linux system fails to start and delivers the following error message:

```
Checking all file systems.
/dev/sda1 contains a file system with errors, check forced.
/dev/sda1: Inodes that were part of a corrupted orphan linked list found.
/dev/sda1: UNEXPECTED INCONSISTENCY;
```

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

- A. fsck.ext4 /dev/sda1
- B. partprobe /dev/sda1
- C. fdisk /dev/sda1
- D. mkfs.ext4 /dev/sda1

**Answer:** A

#### NEW QUESTION 11

A cloud engineer needs to launch a container named web-01 in background mode. Which of the following commands will accomplish this task?

- A. docker builder -f --name web-01 httpd
- B. docker load --name web-01 httpd
- C. docker ps -a --name web-01 httpd
- D. docker run -d --name web-01 httpd

**Answer:** D

#### NEW QUESTION 12

A systems administrator is troubleshooting connectivity issues and trying to find out why a Linux server is not able to reach other servers on the same subnet it is connected to. When listing link parameters, the following is presented:

```
# ip link list dev eth0
2: etho: <NO-CARRIER, BROADCAST, MULTICAST, UP> mtu 1500, qdisc
fq_codel state DOWN mode DEFAULT group default qlen 1000
link/ether ac:00:11:22:33:cd brd ff:ff:ff:ff:ff:ff
```

Based on the output above, which of following is the MOST probable cause of the issue?

- A. The address ac:00:11:22:33:cd is not a valid Ethernet address.
- B. The Ethernet broadcast address should be ac:00:11:22:33:ff instead.
- C. The network interface eth0 is using an old kernel module.
- D. The network interface cable is not connected to a switch.

**Answer: D**

#### NEW QUESTION 13

A development team asks an engineer to guarantee the persistency of journal log files across system reboots. Which of the following commands would accomplish this task?

- A. `grep -i auto /etc/systemd/journald.conf && systemctl restart systemd-journald.service`
- B. `cat /etc/systemd/journald.conf | awk '(print $1,$3)'`
- C. `sed -i 's/auto/persistent/g' /etc/systemd/journald.conf && sed -i 'persistent/s/^##/q/' /etc/systemd/journald.conf`
- D. `journalctl --list-boots && systemctl restart systemd-journald.service`

**Answer: A**

#### NEW QUESTION 14

A systems administrator is tasked with mounting a USB drive on a system. The USB drive has a single partition, and it has been mapped by the system to the device /dev/sdb. Which of the following commands will mount the USB to /media/usb?

- A. `mount /dev/sdb1 /media/usb`
- B. `mount /dev/sdb0 /media/usb`
- C. `mount /dev/sdb /media/usb`
- D. `mount -t usb /dev/sdb1 /media/usb`

**Answer: A**

#### NEW QUESTION 17

A systems administrator needs to clone the partition /dev/sdc1 to /dev/sdd1. Which of the following commands will accomplish this task?

- A. `tar -cvzf /dev/sdd1 /dev/sdc1`
- B. `rsync /dev/sdc1 /dev/sdd1`
- C. `dd if=/dev/sdc1 of=/dev/sdd1`
- D. `scp /dev/sdc1 /dev/sdd1`

**Answer: C**

#### NEW QUESTION 21

Developers have requested implementation of a persistent, static route on the application server. Packets sent over the interface eth0 to 10.0.213.5/32 should be routed via 10.0.5.1. Which of the following commands should the administrator run to achieve this goal?

- A. `route -i etho -p add 10.0.213.5 10.0.5.1`
- B. `route modify eth0 +ipv4.routes "10.0.213.5/32 10.0.5.1"`
- C. `echo "10.0.213.5 10.0.5.1 eth0" > /proc/net/route`
- D. `ip route add 10.0.213.5/32 via 10.0.5.1 dev eth0`

**Answer: D**

#### NEW QUESTION 22

A junior Linux administrator is tasked with installing an application. The installation guide states the application should only be installed in a run level 5 environment.

```
$ systemctl get-default
getty.target
```

Which of the following commands would ensure the server is set to runlevel 5?

- A. `systemctl isolate multi-user.target`
- B. `systemctl isolate graphical.target`
- C. `systemctl isolate network.target`
- D. `systemctl isolate basic.target`

**Answer: B**

#### NEW QUESTION 26

A Linux systems administrator receives a notification that one of the server's filesystems is full. Which of the following commands would help the administrator to identify this filesystem?

- A. lsblk
- B. fdisk
- C. df -h
- D. du -ah

**Answer: C**

#### NEW QUESTION 28

A cloud engineer is installing packages during VM provisioning. Which of the following should the engineer use to accomplish this task?

- A. Cloud-init
- B. Bash
- C. Docker
- D. Sidecar

**Answer: A**

#### NEW QUESTION 31

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 34

A Linux engineer set up two local DNS servers (10.10.10.10 and 10.10.10.20) and was testing email connectivity to the local mail server using the mail command on a local machine when the following error appeared:

```
Send-mail: Cannot open mail:25
```

The local machine DNS settings are:

```
$ cat /etc/resolv.conf
nameserver 10.10.10.10 #web records
nameserver 10.10.10.20 #email records
```

```
Mail server: mail.example.com
```

Which of the following commands could the engineer use to query the DNS server to get mail server information?

- A. dig @example.com 10.10.10.20 a
- B. dig @10.10.10.20 example.com mx
- C. dig @example.com 10.10.10.20 ptr
- D. dig @10.10.10.20 example.com ns

**Answer: B**

#### NEW QUESTION 37

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 administrator is creating a primary partition on the replacement hard drive for an application server. Which of the following commands should the administrator issue to verify the device name of this partition?

- A. sudo fdisk /dev/sda

- B. sudo fdisk -s /dev/sda
- C. sudo fdisk -l
- D. sudo fdisk -h

**Answer: C**

#### NEW QUESTION 42

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 45

A Linux administrator is troubleshooting SSH connection issues from one of the workstations.

When users attempt to log in from the workstation to a server with the IP address 104.21.75.76, they receive the following message:

```
ssh: connect to host 104.21.75.76 port 22: Connection refused
```

The administrator reviews the information below:

Workstation output 1:

```
eth0: <BROADCAST,MULTICAST, UP, LOWER_UP> mtu 1500 qdisc mq state UP group default  
link/ether 00:15:5d:e9:e9:fb brd 5.189.153.255 scope global eth0  
inet 5.189.153.89/24 brd 5.189.153.255 scope global eth0
```

Workstation output 2:

```
default via 5.189.153.1 dev eth0  
5.189.153.0/24 dev eth0 proto kernel scope link src 5.189.153.89
```

Server output 1:

```
target    prot    opt    source          destination
REJECT    tcp    --    101.68.78.194  0.0.0.0/0      tcp dpt:22 ctstate NEW, UNTRACKED
           reject-with icmp-port-unreachable
REJECT    tcp    --    222.186.180.130 0.0.0.0/0      tcp dpt:22 ctstate NEW, UNTRACKED
           reject-with icmp-port-unreachable
REJECT    tcp    --    104.131.1.39    0.0.0.0/0      tcp dpt:22 ctstate NEW, UNTRACKED
           reject-with icmp-port-unreachable
REJECT    tcp    --    68.183.196.11   0.0.0.0/0      tcp dpt:22 ctstate NEW, UNTRACKED
           reject-with icmp-port-unreachable
REJECT    tcp    --    5.189.153.89    0.0.0.0/0      tcp dpt:22 ctstate NEW, UNTRACKED
           reject-with icmp-port-unreachable
REJECT    tcp    --    41.93.32.148   0.0.0.0/0      tcp dpt:22 ctstate NEW, UNTRACKED
           reject-with icmp-port-unreachable
```

Server output 2:

```
sshd.service - OpenSSH server daemon
Loaded: loaded (/usr/lib/systemd/system/sshd.service; disabled; vendor preset: enabled)
Active: active (running) since Thu 2021-08-26 18:50:19 CEST; 2 weeks 5 days ago
```

Server output 3:

```
eth0: <BROADCAST, MULTICAST, UP, LOWER_UP> mtu 1500 qdisc mg state UP group default
link/ether 52:52:00:2a:bb:98 brd 104.21.75.255 scope global eth0
inet 104.21.75.76/24 brd 104.21.75.255 scope global eth0
```

Server output 4:

```
default via 104.21.75.254 dev eth0
104.21.75.0/24 dev eth0 proto kernel scope link src 104.21.75.76
```

Which of the following is causing the connectivity issue?

- A. The workstation has the wrong IP settings.
- B. The sshd service is disabled.
- C. The server's firewall is preventing connections from being made.
- D. The server has an incorrect default gateway configuration.

**Answer: B**

#### NEW QUESTION 49

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 53

A cloud engineer needs to remove all dangling images and delete all the images that do not have an associated container. Which of the following commands will help to accomplish this task?

- A. docker images prune -a
- B. docker push images -a
- C. docker rmi -a images
- D. docker images rmi --all

**Answer: A**

#### NEW QUESTION 57

A systems administrator made some unapproved changes prior to leaving the company. The newly hired administrator has been tasked with revealing the system to a compliant state. Which of the following commands will list and remove the correspondent packages?

- A. dnf list and dnf remove last

- B. dnf remove and dnf check
- C. dnf info and dnf upgrade
- D. dnf history and dnf history undo last

**Answer: D**

**NEW QUESTION 62**

A Linux administrator wants to set the SUID of a file named dev\_team.text 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 64**

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 66**

A Linux administrator needs to create a new user named user02. However, user02 must be in a different home directory, which is under /comptia/projects. Which of the following commands will accomplish this task?

- A. useradd -d /comptia/projects user02
- B. useradd -m /comptia/projects user02
- C. useradd -b /comptia/projects user02
- D. useradd -s /comptia/projects user02

**Answer: A**

**NEW QUESTION 70**

A Linux administrator wants to find out whether files from the wget package have been altered since they were installed. Which of the following commands will provide the correct information?

- A. rpm -i wget
- B. rpm -qf wget
- C. rpm -F wget
- D. rpm -V wget

**Answer: D**

**NEW QUESTION 72**

A Linux engineer has been notified about the possible deletion of logs from the file /opt/app/logs. The engineer needs to ensure the log file can only be written into without removing previous entries.

```
# lsattr /opt/app/logs
-----e--- logs
```

Which of the following commands would be BEST to use to accomplish this task?

- A. chattr +a /opt/app/logs
- B. chattr +d /opt/app/logs
- C. chattr +i /opt/app/logs
- D. chattr +c /opt/app/logs

**Answer: A**

**NEW QUESTION 77**

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 81

An administrator accidentally deleted the `/boot/vmlinuz` file and must resolve the issue before the server is rebooted. Which of the following commands should the administrator use to identify the correct version of this file?

- A. `rpm -qa | grep kernel; uname -a`
- B. `yum -y update; shutdown -r now`
- C. `cat /etc/centos-release; rpm -Uvh --nodeps`
- D. `telinit 1; restorecon -Rv /boot`

**Answer:** A

#### NEW QUESTION 82

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 83

Users report that connections to a MariaDB service are being closed unexpectedly. A systems administrator troubleshoots the issue and finds the following message in `/var/log/messages`:

```
dbserver kernel: out of Memory: Killed process 1234 (mysqld).
```

Which of the following is causing the connection issue?

- A. The process `mysqld` is using too many semaphores.
- B. The server is running out of file descriptors.
- C. Something is starving the server resources.
- D. The amount of RAM allocated to the server is too high.

**Answer:** D

#### NEW QUESTION 88

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 91

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 92**

A new Linux systems administrator just generated a pair of SSH keys that should allow connection to the servers. Which of the following commands can be used to copy a key file to remote servers? (Choose two.)

- A. wget
- B. ssh-keygen
- C. ssh-keyscan
- D. ssh-copy-id
- E. ftpd
- F. scp

**Answer: DF**

**NEW QUESTION 95**

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 97

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