Exam Questions XK0-005

CompTIA Linux+ Certification Exam

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NEW QUESTION 1
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 2
An administrator attempts to rename a file on a server but receives the following error.

```
mv: cannot move 'files/readme.txt' to 'files/readme.txt.orig': Operation not permitted.
```

The administrator then runs a few commands and obtains the following output:

```
$ ls -ld files/
    drwxrwxrwt.1    users    users    20    Sep 10     files/
                                            15:15
$ ls -a files/
    drwxrwxrwt.1    users    users    20    Sep 10     _
                                            15:15

    drwxr-xr-x.1    users    users    32    Sep 10     ..
                                            15:15

    -rw-rw-r--.1    users    users    4     Sep 12     readme.txt
                                            10:34
```

Which of the following commands should the administrator run NEXT to allow the file to be renamed by any user?

A. chgrp reet files
B. chacl -R 644 files
C. chown users files
D. chmod -t files

Answer: D

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 -1 /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
A Linux administrator is tasked with adding users to the system. However, the administrator wants to ensure the users' access will be disabled once the project is over. The expiration date should be 2021-09-30. Which of the following commands will accomplish this task?

A. sudo useradd -e 2021-09-30 Project_user
B. sudo useradd -c 2021-09-30 Project_user
C. sudo modinfo -F 2021-09-30 Project_uses
D. sudo useradd -m -d 2021-09-30 Project_user

Answer: A

NEW QUESTION 5
A systems administrator wants to back up the directory /data and all its contents to /backup/data on a remote server named remote. Which of the following commands will achieve the desired effect?

A. scp -p /data remote:/backup/data
B. ssh -i /remote:/backup/ /data

C. rsync -a /data remote:/backup/
D. cp -r /data /remote/backup/

Answer: C

NEW QUESTION 6
Users have been unable to reach 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 7
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 8
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 | xrags grep -ln denied
B. find . -type f -print | xrags grep -nv denied
C. find . -type f -print | xrags grep -wL denied
D. find . -type f -print | xrags grep -li denied

Answer: A

NEW QUESTION 9

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 10

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 10

An administrator recently updated the BIND software package and would like to review the default configuration that shipped with this version. Which of the following files should the administrator review?

A. /etc/named.conf.rpmnew
B. /etc/named.conf.rpmsave
C. /etc/named.conf
D. /etc/bind/bind.conf

Answer: C

NEW QUESTION 15

A systems administrator needs to reconfigure a Linux server to allow persistent IPv4 packet forwarding. Which of the following commands is the correct way to accomplish this task?

A. echo 1 > /proc/sys/net/ipv4/ipv_forward
B. sysctl -w net.ipv4.ip_forward=1
C. firewall-cmd --enable ipv4_forwarding
D. systemctl start ipv4_forwarding

Answer: B

NEW QUESTION 16

An administrator needs to make some changes in the IaC declaration templates. Which of the following commands would maintain version control?

A. git clone https://github.com/comptia/linux+-.git git push origin
B. git clone https://qithub.com/comptia/linux+-.git git fetch New-Branch
C. git clone https://github.com/comptia/linux+-.git git status
D. git clone https://github.com/comptia/linuxt+-.gitgit checkout -b <new-branch>

Answer: D

NEW QUESTION 21

A Linux administrator is tasked with creating resources using containerization. When deciding how to create this type of deployment, the administrator identifies some key features, including portability, high availability, and scalability in production. Which of the following should the Linux administrator choose for the new design?

A. Docker
B. On-premises systems
C. Cloud-based systems
D. Kubernetes

Answer: D

NEW QUESTION 23

A systems administrator is tasked with installing GRUB on the legacy MBR of the SATA hard drive. Which of the following commands will help the administrator accomplish this task?

A. grub-install /dev/hda
B. grub-install /dev/sda
C. grub-install /dev/sr0
D. grub-install /dev/hd0,0

Answer: B

NEW QUESTION 26
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 28
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 32
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 36
A Linux system is failing to boot. The following error is displayed in the serial console: [[1;33mDEPEND[Om] Dependency failed for /data.
[[1;33mDEPEND[Om] Dependency failed for Local File Systems
...
Welcome to emergency mode! After logging in, type "journalctl -xb" to viewsystem logs, "systemctl reboot" to reboot, "systemctl default" to try again to boot into default mode.
Give root password for maintenance (or type Control-D to continue}
Which of the following files will need to be modified for this server to be able to boot again?

A. /etc/mtab
B. /dev/sda
C. /etc/fstab
D. /ete/grub.conf

Answer: C

NEW QUESTION 37
A junior systems administrator has just generated public and private authentication keys for passwordless login. Which of the following files will be moved to the remote servers?

A. id_dsa.pem
B. id_rsa
C. id_ecdsa
D. id_rsa.pub

Answer: D

NEW QUESTION 38
After listing the properties of a system account, a systems administrator wants to remove the expiration date of a user account. Which of the following commands will accomplish this task?

A. chgrp system accountname
B. passwd –s accountname
C. chmod -G system account name
D. chage -E -1 accountname

Answer: D

NEW QUESTION 39
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 42
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 44
A systems administrator frequently connects to a remote host via SSH and a non-standard port. The systems administrator would like to avoid passing the port parameter on the command line every time. Which of the following files can be used to set a different port value for that host?

A. /etc/ssh/sshd_config
B. /etc/ssh/moduli
C. ~/.ssh/config
D. ~/.ssh/authorized_keys

Answer: C

NEW QUESTION 49
A Linux administrator needs to redirect all HTTP traffic temporarily to the new proxy server 192.0.2.25 on port 3128. Which of the following commands will accomplish this task?

A. iptables -t nat -D PREROUTING -p tcp --sport 80 -j DNAT - -to-destination 192.0.2.25:3128
B. iptables -t nat -A PREROUTING -p top --dport 81 -j DNAT –-to-destination 192.0.2.25:3129
C. iptables -t nat -I PREROUTING -p top --sport 80 -j DNAT –-to-destination 192.0.2.25:3129
D. iptables -t nat -A PREROUTING -p tcp --dport 80 -j DNAT –-to-destination 192.0.2.25:3128

Answer: D

NEW QUESTION 53
A Linux administrator recently downloaded a software package that is currently in a compressed file. Which of the following commands will extract the files?

A. unzip -v
B. bzip2 -z
C. gzip
D. funzip

Answer: C

NEW QUESTION 58
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 59
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. flrewall-cmd --zone-public --add-port-53/udp --permanent

Answer: D

NEW QUESTION 63
A Linux system is failing to start due to issues with several critical system processes. Which of the following options can be used to boot the system into the single user mode? (Choose two.)

A. Execute the following command from the GRUB rescue shell: mount -o remount, ro/sysroot.
B. Interrupt the boot process in the GRUB menu and add systemd.unit=single in the kernel line.
C. Interrupt the boot process in the GRUB menu and add systemd.unit=rescue.target in the kernel line.
D. Interrupt the boot process in the GRUB menu and add single=user in the kernel line.
E. Interrupt the boot process in the GRUB menu and add init=/bin/bash in the kernel line.
F. Interrupt the boot process in the GRUB menu and add systemd.unit=single.target in the kernel line.

Answer: CE

NEW QUESTION 65
A DevOps engineer needs to download a Git repository from https://git.company.com/admin/project.git. Which of the following commands will achieve this goal?

A. git clone https://git.company.com/admin/project.git
B. git checkout https://git.company.com/admin/project.git
C. git pull https://git.company.com/admin/project.git
D. git branch https://git.company.com/admin/project.git

Answer: A

Explanation:
git clone is the best option if its a new project. git pull would work best if it was an ongoing project that had multiple team members that had pushed their updates to the main repository

NEW QUESTION 69
A Linux administrator created the directory /project/access2all. By creating this directory, the administrator is trying to avoid the deletion or modification of files from non-owners. Which of the following will accomplish this goal?

A. chmod +t /project/access2all
B. chmod +rws /project/access2all
C. chmod 2770 /project/access2all
D. chmod ugo+rwx /project/access2all

Answer: A

NEW QUESTION 74
A Linux systems administrator needs to copy files and directories from Server A to Server B. Which of the following commands can be used for this purpose? (Select TWO)

A. rsyslog
B. cp
C. rsync
D. reposync
E. scp
F. ssh

Answer: CE

NEW QUESTION 75
A user is asking the systems administrator for assistance with writing a script to verify whether a file exists. Given the following:

```
#1/bin/bash
filename=$1
<CONDITIONAL>
echo "File exists"
else
echo "File does not exist"
fi
```

Which of the following commands should replace the <CONDITIONAL> string?

A. if [-f "$filename"]; then
B. if [-d "$filename"]; then

C. if [-f "$filename"] then
D. if [-f "$filename"]; while

Answer: A

NEW QUESTION 77
A Linux administrator needs to resolve a service that has failed to start. The administrator runs the following command:

```
ls -1 startup file
```

The following output is returned

```
----------. root root 81k Sep 13 19:01 startupfile
```

Which of the following is MOST likely the issue?

A. The service does not have permissions to read write the startupfile.
B. The service startupfile size cannot be 81k.
C. The service startupfile cannot be owned by root.
D. The service startupfile should not be owned by the root group.

Answer: A

NEW QUESTION 81
A Linux administrator is troubleshooting the root cause of a high CPU load and average.

```
$ uptime
07:30:43 up 20 days, 3 min, 1 user, load average: 2.98, 3.62, 5.21

$ top
PID   USER PR  NI  VIRT RES    SHR  S %CPU %MEM TIME+   COMMAND
6295 user1 30 -10 5465 56465 8254 R 86.5 1.5 7:35.25 app1

$ ps -ef | grep user1
user1 6295 1 7:42:19 tty/1   06:48:29 /usr/local/bin/app1
```

Which of the following commands will permanently resolve the issue?

A. renice -n -20 6295
B. pstree -p 6295
C. iostat -cy 1 5
D. kill -9 6295

Answer: A

NEW QUESTION 86
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 91
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 96
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=l" >> /etc/sysctl.conf

Answer: BC

NEW QUESTION 98
What is the main objective when using Application Control?

A. To filter out specific content.
B. To assist the firewall blade with handling traffic.
C. To see what users are doing.
D. Ensure security and privacy of information.

Answer: C

NEW QUESTION 102
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 106
Which of the following is a function of a bootloader?

A. It initializes all the devices that are required to load the OS.
B. It mounts the root filesystem that is required to load the OS.
C. It helps to load the different kernels to initiate the OS startup process.
D. It triggers the start of all the system services.

Answer: C

NEW QUESTION 108
A Linux administrator needs to ensure that Java 7 and Java 8 are both locally available for developers to use when deploying containers. Currently only Java 8 is available. Which of the following commands should the administrator run to ensure both versions are available?

A. docker image load java:7
B. docker image pull java:7
C. docker image import java:7
D. docker image build java:7

Answer: B

NEW QUESTION 111
A Linux administrator needs to correct the permissions of a log file on the server. Which of the following commands should be used to set filename.log permissions to -rwxr—r--. ?

A. chmod 755 filename.log
B. chmod 640 filename.log
C. chmod 740 filename.log
D. chmod 744 filename.log

Answer: D

NEW QUESTION 114
A systems administrator is tasked with creating a cloud-based server with a public IP address.

```
---
-name: start an instance with a public IP address
 community.abc.ec2_instance:
     name: "public-compute-instance"
     key_name: "comptia-ssh-key"
     vpc_subnet_id: subnet-5cjssh1
     instance_type: instance.type
     security_group: comptia
     network:
         assign_public_ip: true
     image_id: ami-1234568
     tags:
         Environment: Comptia-Items-Writing-Workshop
...
```

Which of the following technologies did the systems administrator use to complete this task?

A. Puppet
B. Git
C. Ansible
D. Terraform

Answer: D

NEW QUESTION 116
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 118
A Linux system is failing to boot with the following error:

```
error: no such partitions
Entering rescue mode...
grub rescue>
```

Which of the following actions will resolve this issue? (Choose two.)

A. Execute grub-install --root-directory=/mnt and reboot.
B. Execute grub-install /dev/sdX and reboot.
C. Interrupt the boot process in the GRUB menu and add rescue to the kernel line.
D. Fix the partition modifying /etc/default/grub and reboot.
E. Interrupt the boot process in the GRUB menu and add single to the kernel line.
F. Boot the system on a LiveCD/ISO.

Answer: BD

NEW QUESTION 121
A database administrator requested the installation of a custom database on one of the servers. Which of the following should the Linux administrator configure so the requested packages can be installed?

A. /etc/yum.conf
B. /etc/ssh/sshd.conf
C. /etc/yum.repos.d/db.repo
D. /etc/resolv.conf

Answer: C

NEW QUESTION 125
Which of the following commands will display the operating system?

A. uname -n
B. uname -s

C. uname -o
D. uname -m

Answer: C

NEW QUESTION 127
A cloud engineer needs to check the link status of a network interface named eth1 in a Linux server. Which of the following commands can help to achieve the goal?

A. ifconfig hw eth1
B. netstat -r eth1
C. ss -ti eth1
D. ip link show eth1
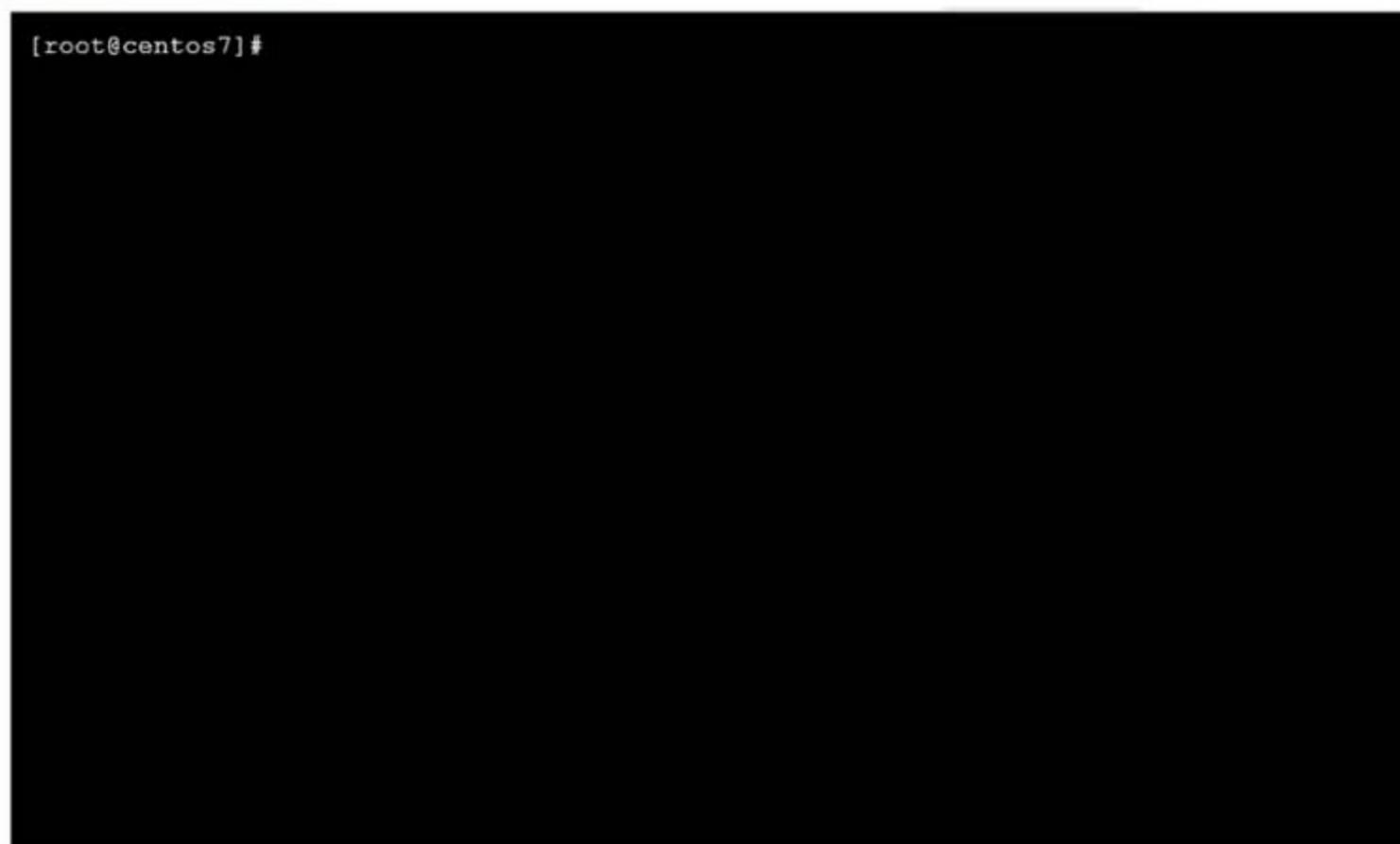
Answer: D

NEW QUESTION 130
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 133
In which of the following filesystems are system logs commonly stored?

A. /var
B. /tmp
C. /etc
D. /opt

Answer: A

NEW QUESTION 135
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.

```
# lsattz /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 140
An administrator transferred a key for SSH authentication to a home directory on a remote server. The key file was moved to .ssh/authorized_keys location in order to establish SSH connection without a password. However, the SSH command still asked for the password. Given the following output:

```
[admin@linux ~ ]$ -ls -lhZ .ssh/auth*
-rw-r--r--. admin unconfined_u:object_r:user_home_t:s0 .ssh/authorized_keys
```

Which of the following commands would resolve the issue?

A. restorecon .ssh/authorized_keys
B. ssh_keygen -t rsa -o .ssh/authorized_keys
C. chown root:root .ssh/authorized_keys
D. chmod 600 .ssh/authorized_keys

Answer: A

NEW QUESTION 143
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 144
An administrator is trying to diagnose a performance issue and is reviewing the following output:

```
avg-cpu:  %user  %nice  %system  %iowait  %steal  %idle
           2.00   0.00    3.00     32.00    0.00   63.00


Device          tps   kB_read/s  kB_wrtn/s    kB_read    kB_wrtn
sdb          345.00       0.02       0.04  4739073123   23849523
sdb1         345.00   32102.03   12203.01  4739073123   23849523
```

System Properties: CPU: 4 vCPU
Memory: 40GB
Disk maximum IOPS: 690
Disk maximum throughput: 44Mbps | 44000Kbps
Based on the above output, which of the following BEST describes the root cause?

A. The system has reached its maximum IOPS, causing the system to be slow.
B. The system has reached its maximum permitted throughput, therefore iowait is increasing.
C. The system is mostly idle, therefore the iowait is high.
D. The system has a partitioned disk, which causes the IOPS to be doubled.

Answer: B

NEW QUESTION 148
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 150
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 153
A Linux engineer needs to download a ZIP file and wants to set the nice of value to -10 for this new process. Which of the following commands will help to accomplish the task?

A. $ nice -v -10 wget https://foo.com/installation.zip
B. $ renice -v -10 wget https://foo.com/installation.2ip
C. $ renice -10 wget https://foo.com/installation.zip
D. $ nice -10 wget https://foo.com/installation.zip

Answer: D

NEW QUESTION 158
A cloud engineer is asked to copy the file deployment.yaml from a container to the host where the container is running. Which of the following commands can accomplish this task?

A. docker cp container_id/deployment.yaml deployment.yaml
B. docker cp container_id:/deployment.yaml deployment.yaml
C. docker cp deployment.yaml local://deployment.yaml
D. docker cp container_id/deployment.yaml local://deployment.yaml

Answer: A

NEW QUESTION 160
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 164
A systems administrator is investigating why one of the servers has stopped connecting to the internet.

```
#curl http://google.com
curl: (6) Could not resolve host: google.com

#cat /etc/resolv.conf
search user.company.com company.com
#nameserver 10.10.10.10

#ip route
0.0.0.0/0 via 10.0.5.1 dev eth0 proto static metric 100
10.0.0.0/16 dev eth0 proto kernel scope link src 10.0.3.60 metric 101

#nmcli connection show
NAME                       UUID                                    TYPE       DEVICE
eth0                       ba4a3d30-efdc-4fa5-83d3-3721fd4aff75    ethernet   eth0
Wired connection 1         8d569d5a-22a2-356d-8532-9a2638f11b5a5   ethernet   --
```

Which of the following is causing the issue?

A. The DNS address has been commented out in the configuration file.
B. The search entry in the /etc/resolv.conf file is incorrect.
C. Wired connection 1 is offline.
D. No default route is defined.

Answer: A

NEW QUESTION 168
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 170
A systems administrator is deploying three identical, cloud-based servers. The administrator is using the following code to complete the task:

```
resource "abc_instance" "ec2_instance" {
    ami                          = data.abc_ami.vendor-Linux-2.id
    associate_public_ip_address  = true
    count                        = 3
    instance_type                = "instance_type"
    vpc_security_group_ids       = [abc.security_group.allow_ssh.
                                    id]
    key_name                     = abc_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 171
Users have been unable to save documents to /home/tmp/temp and have been receiving the following error: Path not found
A junior technician checks the locations and sees that /home/tmp/tempa was accidentally created instead of /home/tmp/temp. Which of the following commands should the technician use to fix this issue?

A. cp /home/tmp/tempa /home/tmp/temp

B. mv /home/tmp/tempa /home/tmp/temp
C. cd /temp/tmp/tempa
D. ls /home/tmp/tempa

Answer: B

NEW QUESTION 173
A Linux administrator has logged in to a server for the first time and needs to know which services are allowed through the firewall. Which of the following options will return the results for which the administrator is looking?

A. firewall-cmd —get-services
B. firewall-cmd —check-config
C. firewall-cmd —list-services
D. systemctl status firewalld

Answer: C

NEW QUESTION 177
A systems administrator is encountering performance issues. The administrator runs 3 commands with the following output

```
09:10:18  up  457 days, 32min,  5 users,  load average:  4.22  6.63  5.98
```

The Linux server has the following system properties CPU: 4 vCPU
Memory: 50GB
Which of the following accurately describes this situation?

A. The system is under CPU pressure and will require additional vCPUs
B. The system has been running for over a year and requires a reboot.
C. Too many users are currently logged in to the system
D. The system requires more memory

Answer: B

NEW QUESTION 178
A junior administrator is setting up a new Linux server that is intended to be used as a router at a remote site. Which of the following parameters will accomplish this goal?

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

```
echo 1 > /proc/sys/net/ipv4/ip_forward
iptables -t nat -A PREROUTING -i eth0 -j MASQUERADE
```

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

```
echo 1 > /proc/sys/net/ipv4/ip_forward
iptables -t nat -D POSTROUTING -o eth0 -j MASQUERADE
```

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

```
echo 1 > /proc/sys/net/ipv4/ip_forward
iptables -t nat -A POSTROUTING -o eth0 -j MASQUERADE
```

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

```
echo 1 > /proc/sys/net/ipv4/ip_forward
iptables -t nat -A PREROUTING -o eth0 -j MASQUERADE
```

Answer: A

NEW QUESTION 183
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 185
Due to low disk space, a Linux administrator finding and removing all log files that were modified more than 180 days ago. Which of the following commands will accomplish this task?

A. find /var/log -type d -mtime +180 -print -exec rm {} \;
B. find /var/log -type f -modified +180 -rm
C. find /var/log -type f -mtime +180 -exec rm {} \
D. find /var/log -type c -atime +180 –remove

Answer: A

NEW QUESTION 190
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