CompTIA.XK0-004.v2022-12-18.q278

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NEW QUESTION: 1
Due to security policies, a restriction was implemented that forbids direct access to the database server. The junior administrator needs to connect using SSH tunneling. Which of the following commands allows the junior administrator to connect from a desktop?
A. ssh -L dbserver.local:5432:localhost:95432 postgres@dbserver.local
B. ssh -L 5432:localhost dbserver.local:5432 postgres
C. ssh -L 9432:localhost:5432 postgres@dbserver.local
D. ssh -L 95432:localhost postgres@dbserver.local
Answer: C (LEAVE A REPLY)

NEW QUESTION: 2
A systems engineer scheduled an at job that will reboot a critical server. A developer states the processes will not complete for another three hours.
Which of the following will help the systems engineer to remove the job?
A. at -q
atrm <at job number>
B. atq
atrm <PID>
C. atq
atrm <at job number>
D. at -q
atrm <PID>
Answer: B (LEAVE A REPLY)

NEW QUESTION: 3
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 renice -p 0 -n 8481

B. Issue the command renice -p 8481

C. Issue the command renice -n 8481

D. Issue the command renice -n 0 -p 8481

Answer: D (LEAVE A REPLY)

NEW QUESTION: 4

Which of the following files would a junior systems administrator check to verify DNS server settings?

A. /etc/network

B. /etc/hosts

C. /etc/rsolveconf

D. /etc/nsswitch,conf

Answer: C (LEAVE A REPLY)

NEW QUESTION: 5

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 (LEAVE A REPLY)

Reference:

https://www.linuxtechi.com/disable-reboot-using-ctrl-alt-del-keys/

NEW QUESTION: 6

A 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

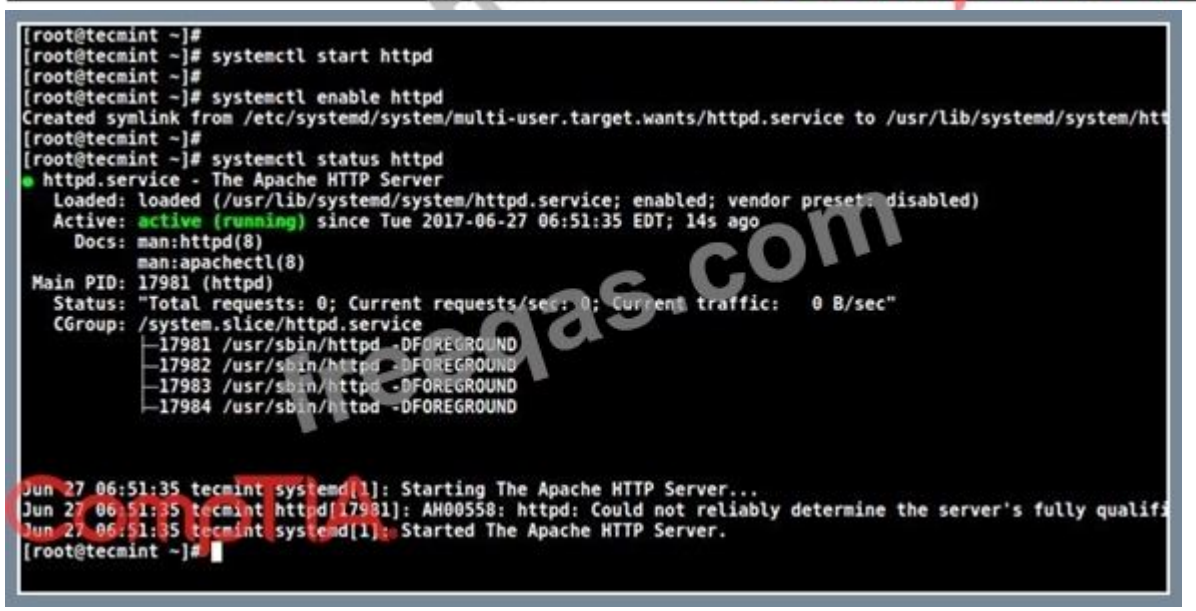
Install Apache and start the service. Verify that the Apache service is running with the defaults.

Typing "help" in the terminal will show a list of relevant 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

A. Solution below.



B. Solution below.

```
root@tecmint ~]# yum install httpd
oaded plugins: fastestmirror, refresh-packagekit
etting up Install Process
oading mirror speeds from cached hostfile
* base: centos.excellmedia.net
* epel: epel.scopesky.iq
* extras: centos.excellmedia.net
* updates: centos-hn.viettelidc.com.vn
esolving Dependencies
here are unfinished transactions remaining. You might consider running yum-com
ete-transaction first to finish them.
```

```
[root@tecmint ~]#
[root@tecmint ~]# systemctl start httpd
[root@tecmint ~]#
[root@tecmint ~]# systemctl enable httpd
Created symlink from /etc/systemd/system/multi-user.target.wants/httpd.service to /usr/lib/systemd/system/htt
[root@tecmint ~]#
[root@tecmint ~]# systemctl status httpd
● httpd.service - The Apache HTTP Server
   Loaded: loaded (/usr/lib/systemd/system/httpd.service; enabled; vendor preset: disabled)
   Active: active (running) since Tue 2017-06-27 06:51:35 EDT; 14s ago
     Docs: man:httpd(8)
           man:apachectl(8)
 Main PID: 17981 (httpd)
   Status: "Total requests: 0; Current requests/sec: 0; Current traffic:   0 B/sec"
   CGroup: /system.slice/httpd.service
           ├─17981 /usr/sbin/httpd -DFOREGROUND
           ├─17982 /usr/sbin/httpd -DFOREGROUND
           ├─17983 /usr/sbin/httpd -DFOREGROUND
           ├─17984 /usr/sbin/httpd -DFOREGROUND
           ├─17985 /usr/sbin/httpd -DFOREGROUND
           └─17986 /usr/sbin/httpd -DFOREGROUND

Jun 27 06:51:35 tecmint systemd[1]: Starting The Apache HTTP Server...
Jun 27 06:51:35 tecmint httpd[17981]: AH00558: httpd: Could not reliably determine the server's fully qualifi
Jun 27 06:51:35 tecmint systemd[1]: Started The Apache HTTP Server.
[root@tecmint ~]#
```

Answer: B (LEAVE A REPLY)

NEW QUESTION: 7

A Linux administrator installed a new network adapter and temporarily disabled the network service from starting on boot. The partial output of chkconfig is as follows:

```
network 0:off   1:off   2:off   3:off   4:off   5:off   6:off
```

Which of the following commands BEST describes how the administrator should re-enable the network service?

A. chkconfig --level 0-6 network on

B. chkconfig --level 12 network on

C. chkconfig --level 345 network on

D. chkconfig --level 0 network on

E. chkconfig --level 6 network on

Answer: C (LEAVE A REPLY)

NEW QUESTION: 8

A systems administrator wants to increase the existing drive space on a Linux server with a software RAID.

After physically adding the new drive to the system, and then adding the drive to the RAID array, the administrator notices the available drive space has not increased. A status of the array shows the new drive and the original storage space:
md0 : active Raid sdd1[3]S sdc1[2] sdb1[1] sda1[0]
954585654 blocks level5 64K chunk algorithm 2 [3/3] [UUU]
Which of the following should the administrator do to make all storage space available on the RAID array?
A. Grow the array size to four members.
B. Set the RAID type to a RAID 1.
C. Run hdparm to alert the kernel to a new drive.
D. Convert the new drive to a hot spare.
Answer: B (LEAVE A REPLY)

NEW QUESTION: 9
A Linux administrator must identify a user with high disk usage. The administrator runs the # du -s /home/* command and gets the following output:

Based on the output, User3 has the largest amount of disk space used. To clean up the file space, the administrator needs to find out more information about the specific files that are using the most disk space.
Which of the following commands will accomplish this task?
A. find . -name /home/User3 -print
B. df -k /home/User/files.txt
C. du -a /home/User3/*
D. du -sh /home/User/
Answer: D (LEAVE A REPLY)

NEW QUESTION: 10
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. C
B. A
C. B.
Answer: (SHOW ANSWER)

NEW QUESTION: 11
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
```

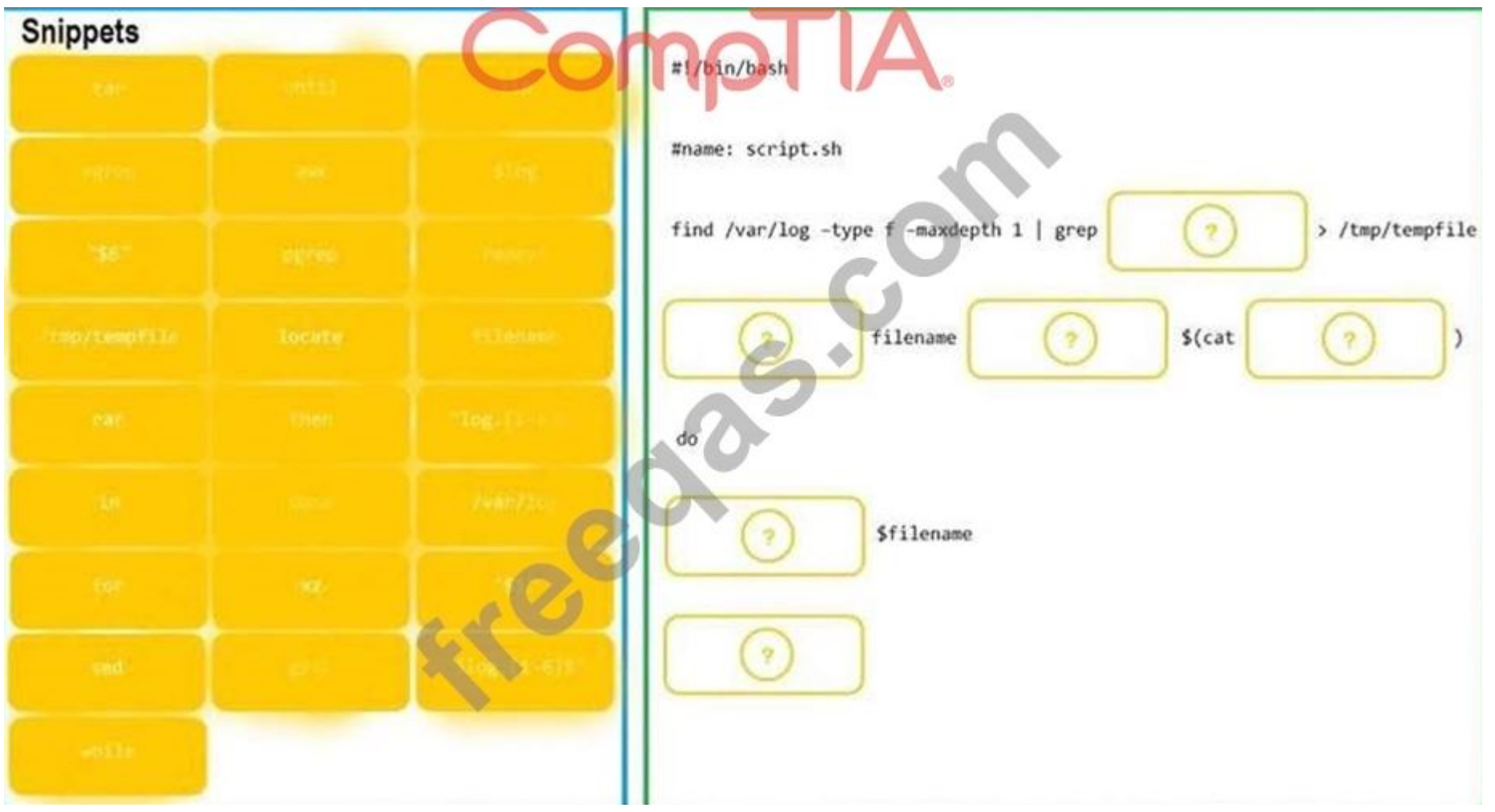
D)

```
# mkdir /mnt/testvol
# echo "testhost:/testvolume /mnt/testvol" >> /mnt/mnttab
# mount -a
```

A. Option B
B. Option D
C. Option C
D. Option A
Answer: C (LEAVE A REPLY)

NEW QUESTION: 12
A systems administrator wants to deploy several applications to the same server quickly. Each application should be abstracted from the host with its own dependencies and libraries and utilize a minimal footprint.
Which of the following would be BEST in this scenario?
A. Type 2 hypervisor
B. Containers
C. Chroot jails
D. Virtual machines
Answer: B (LEAVE A REPLY)

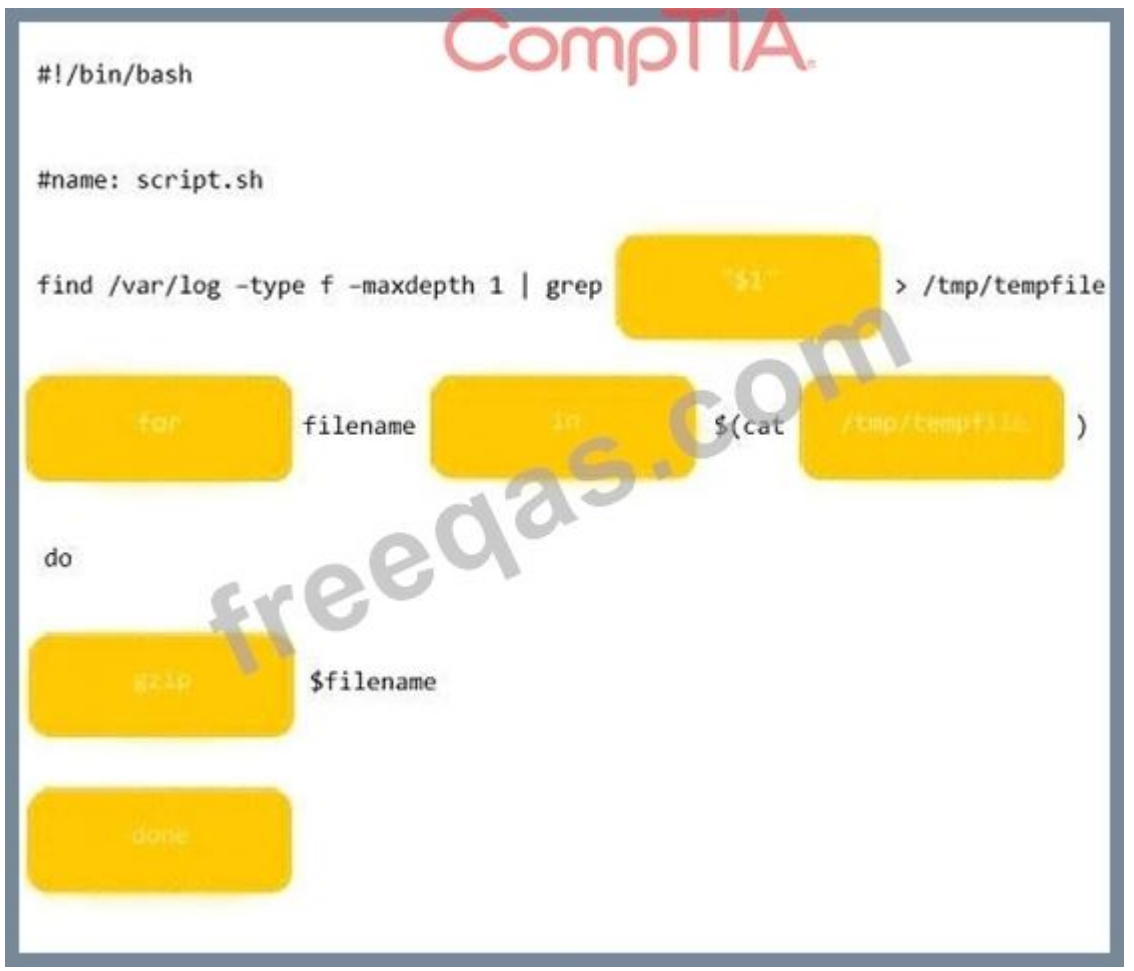
NEW QUESTION: 13
As a Systems Administrator, to reduce disk space, you were tasked to create a shell script that does the following:
Add relevant content to /tmp/script.sh, so that it finds and compresses rotated files in /var/log without recursion.
INSTRUCTIONS
Fill the blanks to build a script that 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
#!/bin/bash
#name: script.sh
find /var/log -type f -maxdepth 1 | grep
> /tmp/tempfile
filename
$(cat
)
do
$filename

Answer:

Snippets

```
#!/bin/bash

#name: script.sh

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

[          ] filename [          ] $(cat [          ] )

do

[          ] $filename

[          ]
```



NEW QUESTION: 14

Users are reporting collaborate.company.com is inaccessible from the user VLAN, but there is no issue connecting to the system's web page from the DMZ. Given the following outputs from commands run on the system:

```
2: enp0s3: inet 10.10.2.15/24 User VLAN
3: enpos4: inet 10.20.2.15/24 DMZ

Kernel IP routing table
Destination Gateway     Genmask         Flags   Metric  Ref     Use  Iface
default     10.10.2.2   0.0.0.0         UG      100     0       0    enp0s3
10.10.2.0   *           255.255.255.0   U       100     0       0    enp0s3
10.20.2.0   *           255.255.255.0   U       100     0       0    enp0s4

Non-authoritative answer:
Name: collaborate.company.com
Address: 10.20.2.15

Proto    Recv-Q    Send-Q    Local Address   Foreign Address   State
tcp      0         0         10.20.2.15:80   0.0.0.0:*         LISTEN
tcp      0         0         10.20.2.15:443  0.0.0.0:*         LISTEN
tcp      0         0         127.0.0.1:22    0.0.0.0:*         LISTEN
tcp      0         0         0.0.0.0:53      0.0.0.0:*         LISTEN
tcp      0         0         0.0.0.0:8080    0.0.0.0:*         LISTEN
```


Which of the following explains why users are unable to access the system from the user VLAN, and how can the administrator remediate this issue?

A. Users cannot access the system because the default gateway has the wrong interface. The remediation for this issue is to set the default gateway to the proper interface.
B. Users cannot access the system because the IP subnet mask is /24. The remediation for this issue is to set the IP subnet mask to /16.
C. Users cannot access the system because the connectivity port is running on the incorrect IP. The remediation for this issue is to edit the configuration file to listen on all interfaces.
D. Users cannot access the system because the DNS server has the incorrect IP address. The remediation for this issue is to edit the DNS configuration to point to the correct IP.
Answer: C (LEAVE A REPLY)

NEW QUESTION: 15
An administrator needs to generate a list of services that are listening on TCP and/or UDP ports. Which of the following tools should the administrator use?
A. route
B. portmap
C. ethtool
D. netstat
Answer: D (LEAVE A REPLY)
Reference:
https://www.tecmint.com/find-open-ports-in-linux/

NEW QUESTION: 16
The lead Linux has added a disk, /dev/sdd, to a VM that is running out of disk space. Place the following steps in the correct order from first (1) to last (4) to add the disk to the existing LVM.

Answer:

NEW QUESTION: 17
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. nohup
D. bg
Answer: A (LEAVE A REPLY)

NEW QUESTION: 18
A Linux administrator must identify a user with high disk usage. The administrator runs the # du -s /home/* command and gets the following output:

Based on the output, User3 has the largest amount of disk space used. To clean up the file space, the administrator needs to find out more information about the specific files that are using the most disk space.
Which of the following commands will accomplish this task?
A. du -sh /home/User/
B. du -a /home/User3/*
C. df -k /home/User/files.txt
D. find . -name /home/User3 -print
Answer: (SHOW ANSWER)

NEW QUESTION: 19
An administrator needs to set the time of a VM that has no network connectivity to an NTP server. The VM's host, however, is synchronized with NTP.
Which of the following allows the administrator to synchronize the time of the VM with the host?
A. date
B. hwclock
C. time
D. ntpdate
Answer: (SHOW ANSWER)

NEW QUESTION: 20
While creating a file on a volume, the Linux administrator receives the following message: No space left on device. Running the df -mcommand, 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 -icommand 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 (LEAVE A REPLY)
Explanation/Reference: https://www.tecmint.com/how-to-check-disk-space-in-linux/

NEW QUESTION: 21
A systems administrator is attempting to access a server by SSH. The Linux administrator ensures that the SSH keys on the remote server were unable to connect. The following error message is being displayed:

```
Comptia@username
last login: Wed Feb 17 5:56:34 UTC 2021 form User on pts/1
last login: Wed Feb 17 5:56:34 UTC 2021 form User on pts/1
/bin/shell:Permission denied
Connection to User Closed.
```

Which of the following needs to be changed on order for the administrator to access the server via SSH?

A. Password

B. OpenSSH

C. SSL

D. SELinux

Answer: A (LEAVE A REPLY)

NEW QUESTION: 22

A Linux administrator recently reprovisioned a new corporate web server to replace a legacy one. To minimize the impact on the company's users, the administrator modified the network and DNS settings of the new server to be the same as the legacy server.

When attempting to log in to the new server remotely over SSH, the following error message is displayed:

WARNING: REMOTE HOST IDENTIFICATION HAS CHANGED!

Which of the following should the administrator do to resolve the issue?

A. Remove the entry for the web server from the known_hosts file on the local machine.

B. Update the /etc/hosts file on the remote server and local machine.

C. Add the administrator's public key to the authorized_keys on the remote server.

D. Restart the network services on both the remote server and the local machine.

Answer: C (LEAVE A REPLY)

NEW QUESTION: 23

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. killall yum

B. ps -ef | grep yum

C. renice -n 9 -p 5180

D. top | grep yum

Answer: (SHOW ANSWER)

NEW QUESTION: 24

Which of the following commands will let a Linux user know the PCI devices that are installed in the system?

A. cat /proc/devices/pci
B. lspci
C. lsdev
D. cat /proc/sys/dev
Answer: (SHOW ANSWER)
Reference:
https://opensource.com/article/19/9/linux-commands-hardware-information

NEW QUESTION: 25
All users are reporting that they cannot connect to the SFTP server. The administrator runs a scan:

```
starting nmap 4.11 at 2018-06-16 EST
not shown: 1456 closed ports

PORT      STATE    SERVICE
53/tcp    open     dns
80/tcp    open     http
957/tcp   open     unknown

MAC Address 08:00:00:00:00:00 ( computer systems )
nmap finished = 1 ip address ( 1 host up ) scanned in 1.497 seconds
You have mail in /var/spool/mail/root
```


Which of the following would allow the administrator to fix the problem?
A. Allow SFTP connections on port 25 using /etc/sysconfig/iptables.
B. Allow SFTP connections on port 1456 using /etc/sysconfig/iptables.
C. Allow SFTP connections on port 20 and 21 using /etc/sysconfig/iptables.
D. Allow SFTP connections on port 22 using /etc/sysconfig/iptables.
Answer: (SHOW ANSWER)

NEW QUESTION: 26
A Linux administrator suspects unauthorized users are attempting to log in to the Linux server remotely. Which of the following should the administrator check FIRST?
A. /var/log/messages
B. /var/log/secure
C. /var/log/dmesg
D. /var/log/kern.log
Answer: B (LEAVE A REPLY)
What's logged?

RedHat and CentOS based systems use this log file instead of /var/log/auth.log. It is mainly used to track the usage of authorization systems. It stores all security related messages including authentication failures. It also tracks sudo logins, SSH logins and other errors logged by system security services daemon.

NEW QUESTION: 27
A user is reporting unusual slowness when trying to transfer a large file to an NFS server from a workstation.
The administrator runs tracepath and gets the following output:

```
1?:  [LOCALHOST]              pmtu 9000
1:   192.168.5.15             9.238ms
2:   192.168.10.1             10.233ms
3:   192.168.3.1              8.882ms          pmtu 1500
4:   storage.localhost        10.234ms
```

Which of the following BEST describes the issue and a possible solution?
A. There is latency at the storage device. Work with the storage team to correct the issue.
B. The path MTU is lower than the source MTU. Reduce the source MTU setting.
C. There is latency on an intermediate router. Increase the path MTU to compensate.
D. There are dropped packets at an intermediate router. Work with the network team to correct the issue.
Answer: B (LEAVE A REPLY)

NEW QUESTION: 28
An administrator receives the following message on a remote server: Cannot open display. Which of the following should the administrator have used to log in to the server?
A. xrdp -h server.company.com
B. xvnc server.company.com
C. rdesktop server.company.com
D. ssh -X server.company.com
Answer: (SHOW ANSWER)

NEW QUESTION: 29
A junior systems administrator created a new filesystem /dev/sda1with mountpoint /dataand added it to the /etc/fstabfor auto-mounting.
When the systems administrator tries to mount the file system, the system refuses. Given the output below:

```
/dev/mapper/VolGroup00-Log-Vol00 / xfs defaults 0 0
/dev/sda1                 /data    xfs     noauto,dev,sync,ro,nosuid          0 0
/dev/mapper/VolGroup00-Log-Vol101 swap     swap    defaults0 0
/dev/sda2                 /mine    ext4    auto,suid,sync,rw,dev    0 0
```

Which of the following steps is necessary?
A. Change the dump column to 1 and run the mount -acommand.
B. Change the mount point to data and reboot.
C. Change the filesystem from /dev/sda1to /dev/sda2and reboot.
D. Change the options to auto,dev,sync,rw,nosuidand run the mount -acommand.

Answer: (SHOW ANSWER)

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: (SHOW ANSWER)
https://staff.eecis.udel.edu/docs/printing/linux/#:~:text=To%20find%20the%20default%20printer,want%20Asto%20make%20the%20default.
https://www.computerhope.com/unix/ulpstat.htm

NEW QUESTION: 31
A junior systems is configuring localization option environment variables. The administrator is given a checklist of tasks with the following requirements:
* View current settings of the LC_ALL environment variable only.
* Modify the LANGenvironment variable to US English Unicode.
Given this scenario, which of the following should be performed to meet these requirements? (Choose two.)
A. echo $LC_ALL
B. locale
C. cat $LC_ALL
D. export LANG = en_US.UTF-8
E. export $LANG = en_US.UTF
F. stty
Answer: B,D (LEAVE A REPLY)
Explanation/Reference: https://www.tecmint.com/set-system-locales-in-linux/

NEW QUESTION: 32
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:

```
ChainINPUT (policyACCEPT)

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. Add iptables rule iptables -A INPUT -m state --state NEW -p tcp --dport 8080 -j then restart httpd daemon

C. Add iptables rule iptables -A FORWARD-m state --state NEW -p tcp --dport 8080 -j ACCEPT then restart httpd daemon

D. Edit /etc/sysctl.conf file and add net.ipv4.ip_forward = 1 then run sysctl -p /etc/ sysctl.conf to enable the change

Answer: C (LEAVE A REPLY)

NEW QUESTION: 33

A systems administrator has received reports of intermittent network connectivity to a particular website. Which of the following is the BEST command to use to characterize the location and type of failure over the course of several minutes?

A. mtr www.comptia.org

B. tracert www.comptia.org

C. ping www.comptia.org

D. netstat www.comptia.org

Answer: (SHOW ANSWER)

Explanation/Reference: https://www.lifewire.com/traceroute-linux-command-4092586

NEW QUESTION: 34

A Linux administrator retrieved a repository of files from a Git server using git clone. The administrator wants to see if a configuration file was added to the repository. Which of the following Git arguments should be used to see the recent modifications?

A. init
B. log
C. fetch
D. pull
Answer: D (LEAVE A REPLY)

NEW QUESTION: 35
A Linux administrator needs to add some files in a directory to the Git repository but must exclude some local .tmp files that are occasionally created by the scripts.
Which of the following is the BEST way to accomplish this task?
A. git rm .tmp
B. git add -x .tmp *
C. echo .tmp >> .gitignore
D. rm -rf .tmp
Answer: C (LEAVE A REPLY)
Explanation/Reference: https://stackoverflow.com/questions/46383506/add-files-to-gitignore-directly-from-git-shell

NEW QUESTION: 36
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. Build automation
B. Infrastructure as code
C. Automated configuration
D. Platform as a service
Answer: A (LEAVE A REPLY)

NEW QUESTION: 37
A Linux systems administrator needs to copy the contents of a directory named "working" on the local working system to a folder /var/www/htmlon a server named "corporate-web".
Which of the following commands will allow the administrator to copy all the contents to the web server?
A. scp -r working/* webuser@corporate-web:/var/www/html
B. tar working/* webuser@corporate-web:/var/www/html
C. cp -r working/* webuser@corporate-web:/var/www/html
D. mv working webuser@corporate-web:/var/www/html
Answer: (SHOW ANSWER)
Explanation/Reference: https://unix.stackexchange.com/questions/232946/how-to-copy-all-files-from-a-directory-to-a- remote-directory-using-scp

NEW QUESTION: 38
Which of the following BEST describes running on a Linux system?
A. Containers only need the namespaces functionally to run on a Linux system available since kernel 2.6.

B. Containers need a hypervisor to run a Linux system. Cgroups namespaces are functionalities used for the kernel but not for running containers.
C. Containers only need the cgroups functionality for running on a Linux system. Namespaces is not a Linux kernel functionality needed for creating and managing containers.
D. Containers use the cgroups and namespaces functionalities to isolate processes and assign hardware resources to each of those isolated processes.
Answer: (SHOW ANSWER)
Reference:
https://www.linuxjournal.com/content/everything-you-need-know-about-linux-containers-part-ii-working-linux-containers-lxc

NEW QUESTION: 39
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 (LEAVE A REPLY)
Explanation/Reference: https://www.thegeekdiary.com/yum-command-fails-with-another-app-is-currently-holding-the-yum- lock-in-centos-rhel-7/

NEW QUESTION: 40
A junior Linux administrator needs to access production servers using a secure SSH protocol. Which of the following files should contain the public key to gain remote access to the server?
A. ~/ssh/authorized-keys
B. /etc/authorized_keys
C. /etc/sshd/ssh.conf
D. ~/.ssh/authorized_keys
Answer: (SHOW ANSWER)
Explanation/Reference: https://www.linode.com/docs/security/securing-your-server/

NEW QUESTION: 41
A Linux user needs to create a file named newfile in the home directory that mirrors the contents of the /

etc/resolv.conf file.
Which of the following commands would accomplish this task?
A. cat /etc/resolv.conf > /home/user/newfile
B. echo /etc/resolv.conf > /home/user/newfile
C. printf /etc/resolv.conf > /home/user/newfile
D. grep /etc/resolv.conf < /home/user/newfile
Answer: (SHOW ANSWER)

NEW QUESTION: 42
A systems administrator needs to install a new piece of hardware that requires a new driver. The driver should be manually installed. Which of the following describes the order of commands required to obtain module information, install the module, and check the log for any errors during module installation?
A. lsmod, modprobe, modinfo
B. lsmod, insmod, dmesg
C. modinfo, insmod, dmesg
D. modinfo, insmod, modprobe
Answer: (SHOW ANSWER)

NEW QUESTION: 43
A junior systems administrator needs to make a packet capture file that will only capture HTTP protocol data to a file called test.pcap.
Which of the following commands would allow the administrator to accomplish this task?
A. netcat -p 80 -w test.pcap
B. tshark -r test.pcap -o http
C. tcpdump -i eth0 port 80 -r test.pcap
D. tcpdump -i eth0 port 80 -w test.pcap
Answer: D (LEAVE A REPLY)
https://opensource.com/article/18/10/introduction-tcpdump
https://www.wireshark.org/docs/man-pages/tshark.html

NEW QUESTION: 44
Users in the sales department are unable to create new files in the shared directory /Sales. A junior Linux administrator determines the permissions on the /Sales directory are set to rwxr-----, and sales is the group owner of the directory.
Which of the following is the BEST command for the junior administrator to issue to allow the users to create new files?
A. chmod 770 /Sales
B. umask 002
C. chmod 777 /Sales
D. chmod g+s /Sales
Answer: A (LEAVE A REPLY)

NEW QUESTION: 45

A technician wants to secure a sensitive workstation by ensuring network traffic is kept within the local subnet. To accomplish this task, the technician executes the following command:
echo 0 > /proc/sys/net/ipv4/ip_default_ttl
Which of the following commands can the technician use to confirm the expected results? (Choose two.)
A. arp
B. tcpdump
C. route
D. ip
E. iperf
F. traceroute
Answer: B,F (LEAVE A REPLY)

NEW QUESTION: 46
A junior systems is configuring localization option environment variables. The administrator is given a checklist of tasks with the following requirements:
* View current settings of the LC_ALL environment variable only.
* Modify the LANGenvironment variable to US English Unicode.
A. Given this scenario, which of the following should be performed to meet these requirements? (Choose two.) echo $LC_ALL
B. locale
C. cat $LC_ALL
D. export LANG = en_US.UTF-8
E. export $LANG = en_US.UTF
F. stty
Answer: B,D (LEAVE A REPLY)
Explanation/Reference: https://www.tecmint.com/set-system-locales-in-linux/

NEW QUESTION: 47
A systems administrator notices several intensive tasks executing from users Joe and Ann. These processes are impacting server operations but must be allowed to continue running.
Which of the following commands should the systems administrator run to reduce the impact on the server?
A. strace -u joe ann
B. renice 11 -u joe ann
C. nohup -u joe ann
D. pkill -u joe ann

Answer: B (LEAVE A REPLY)

NEW QUESTION: 48
An administrator needs to change the DNS domain search order of a single Linux host to localize it better.
Which of the following files should the administrator edit?
A. /etc/hosts
B. /etc/nsswitch.conf
C. /etc/dhcpd.conf
D. /etc/resolv.conf
Answer: (SHOW ANSWER)

NEW QUESTION: 49
Which of the following commands would show the default printer on a Linux system?
A. lpr
B. lpq
C. lpstat
D. lspci
Answer: B (LEAVE A REPLY)
Reference:
https://superuser.com/questions/123576/show-default-linux-printer

NEW QUESTION: 50
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:

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

A. Reconfigure libmodules to support the new application.

B. Recompile the Linux kernel to support the installation.

C. Install the application, as the system meets the application requirements

D. Procure new equipment that matches the recommended specifications

Answer: C (LEAVE A REPLY)

NEW QUESTION: 51

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: A,C (LEAVE A REPLY)

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

Reference:

https://www.cyberciti.biz/faq/howto-linux-add-user-to-group/

NEW QUESTION: 52

Which of the following is modified to reconfigure the boot environment?

A. grub-mkconfig

B. grub.cfg

C. update-grub

D. grub2-mkconfig
Answer: C (LEAVE A REPLY)
Reference:
https://tipsonubuntu.com/2016/07/20/grub2-boot-order-ubuntu-16-04/

NEW QUESTION: 53
A Linux administrator needs to switch from text mode to GUI. Which of the following runlevels will start the GUI by default?
A. Runlevel 6
B. Runlevel 3
C. Runlevel 5
D. Runlevel 4
Answer: (SHOW ANSWER)

NEW QUESTION: 54
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 add -net 192.168.10.0 netmask 255.255.255.0 gw 192.168.2.1 eth0
B. route del default gw 192.168.2.1 eth0; route add default gw 192.168.1.1 eth0
C. route host gw 192.168.1.1 eth0
D. route add 192.168.1.1 default 192.168.1.50 eth0
Answer: (SHOW ANSWER)

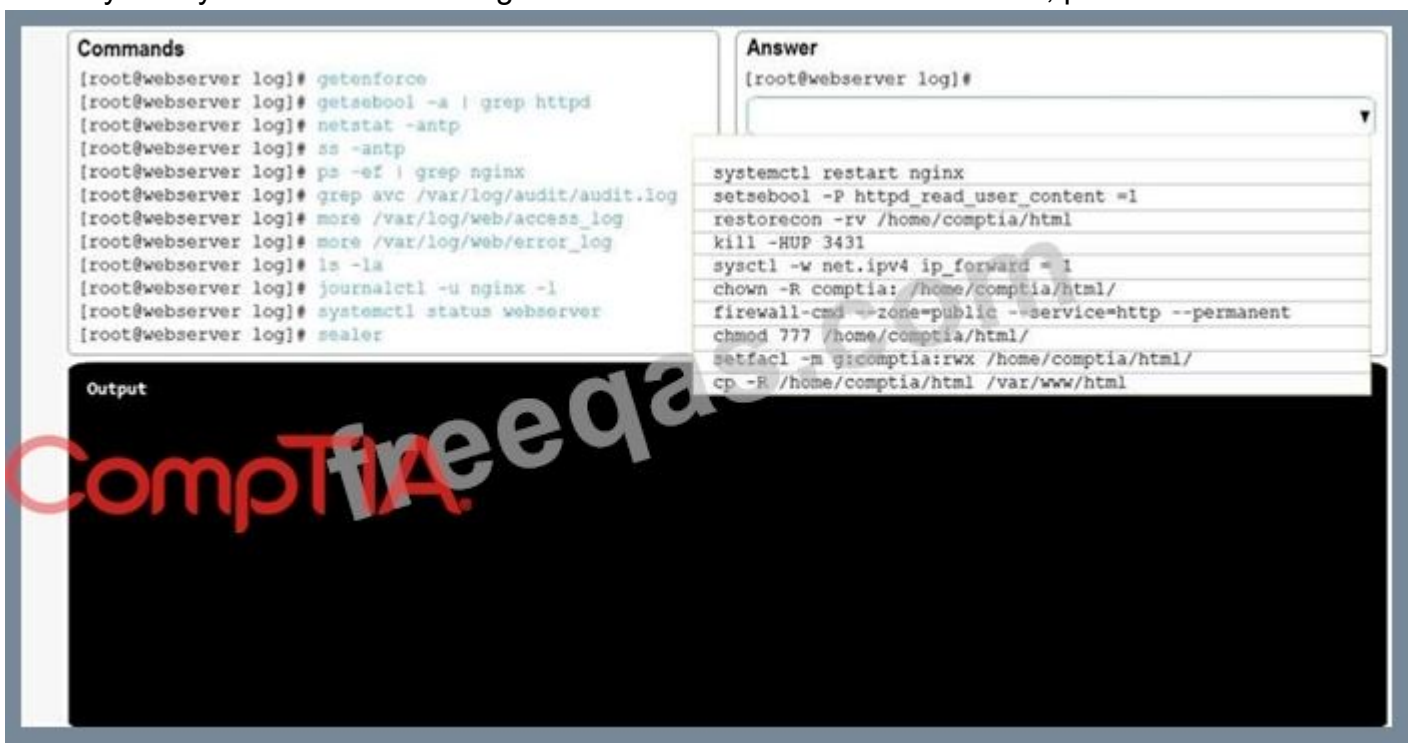
NEW QUESTION: 55
A Linux administrator receives the following while attempting to remove a file:

```
[root@localhost]# rm -rf test.txt
rm: cannot remove 'test.txt': Operation not permitted
[root@localhost]# ls -all test.txt
-rw-r--r-- 1 root root 13 Mar 12 10:02 test.txt
```

Which of the following commands will resolve the issue?
A. chcon -u system_u test.txt
B. setfacl -m u:root:x test.txt
C. chmod -0775 test.txt
D. cattr -i test.txt
Answer: C (LEAVE A REPLY)

NEW QUESTION: 56
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: (SHOW ANSWER)
Reference:
https://www.cyberciti.biz/faq/where-are-the-passwords-of-the-users-located-in-linux/

NEW QUESTION: 57
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.



Answer:

NEW QUESTION: 58
A configuration management tool running every minute is enforcing the service HTTPd to be started. To perform maintenance, which of the following series of commands can be used to prevent the service from being started?
A. systemctl stop httpd && systemctl mask httpd
B. systemctl disable httpd && systemctl mask httpd
C. systemctl stop httpd && systemctl hide httpd
D. systemctl disable httpd && systemctl hide httpd
Answer: A (LEAVE A REPLY)
Explanation

NEW QUESTION: 59
A Linux administrator looks at the /etc/timezone file and determines the need to change the time zone from California to New York temporarily. Which of the following commands will accomplish this?
A. sed -f TZ=America/New_York
B. cat TZ=America/New_York
C. export TZ=America/New_York
D. printf TZ=America/New_York
Answer: C (LEAVE A REPLY)
Reference:

https://www.thegeekstuff.com/2010/09/change-timezone-in-linux/

NEW QUESTION: 60

A Linux administrator is investigating an issue with an internal Linux server that is unable to resolve the following internal addresses:

```
fileshare.example.internal      192.168.10.100
dns1.example.internal           192.168.10.4
```

The administrator runs the following commands as part of troubleshooting:

Which of the following is MOST likely resolve the issue?

A. Install a caching DNS server on the local workstation.

B. Add a public DNS for fileshare, example, internal.

C. Allow outbound DNS traffic to the internal DNS server.

D. Update resolve, conf to use the internal DNS server.

Answer: C (LEAVE A REPLY)

NEW QUESTION: 61

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. pathping -c 10 host1

C. traceroute -c 10 host1

D. netstat host1

Answer: A (LEAVE A REPLY)

NEW QUESTION: 62

A Linux administrator is testing a new web application on a local laptop and consistently shows the following 403 errors in the laptop's logs:

```
type=AVC msg=audit(126552035:37232):avc:denied {read} for pid=24941 com=nginx nme="/home/user1" /dev/sda1
ino=2 scontext=unconfined_u:system_r:httpd_t:s0 tcontext=system_u:object_r:httpd_sys_content:s0
```

The web server starts properly, but an error is generated in the audit log. Which of the following settings should be enabled to prevent this audit message?

A. httpd_enable_scripting = 1

B. httpd_enable_homedirs = 1

C. httpd_can_network_connect = 1

D. httpd_enable_cgi = 1

Answer: (SHOW ANSWER)

NEW QUESTION: 63

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: A,C (LEAVE A REPLY)

Explanation

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

NEW QUESTION: 64

A user requested a USB serial device to be added to a desktop computer. The device has built-in kernel driver support. The administrator tested the device installation and access, but the user cannot access the serial port. Each time the user attempts to access the device, an error log is created that shows the user does not have permission to use the serial port. Which of the following will add a user to the group that has serial port capabilities?

A. usermod -a -G root $USER

B. usermod -a -G modem $USER

C. usermod -a -G serialport $USER

D. usermod -a -G dialout $USER

Answer: D (LEAVE A REPLY)

NEW QUESTION: 65

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:

```
ChainINPUT (policyACCEPT)

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. Add iptables rule iptables -A INPUT -m state --state NEW -p tcp --dport 8080 -j then restart httpd daemon

B. Add iptables rule iptables -A FORWARD-m state --state NEW -p tcp --dport 8080 -j ACCEPT then restart httpd daemon

C. sysctl -w net.ipv4.ip_forward=1 then run sysctl -w /etc/sysctl.conf to enable the change

D. Edit /etc/sysctl.conf file and add net.ipv4.ip_forward = 1 then run sysctl -p /etc/sysctl.conf to enable the change

Answer: B (LEAVE A REPLY)

NEW QUESTION: 66

While installing third-party software, a technician wants to monitor logs on the system continuously.

Which of the following commands should the technician issue to monitor the logs?

A. head -n /var/log/secure

B. tail -f /var/log/messages

C. grep -e /var/log/httpd/access.log

D. cat /var/log/kern.log

Answer: B (LEAVE A REPLY)

NEW QUESTION: 67
A systems administrator received a request to change the hostname to a new name. Which of the following file configurations should be changed to fix the hostname in the server?
A. /etc/sysconfig/network
B. /etc/hosts
C. /etc/resolv.conf
D. /etc/sysconfig/nsswitch.conf
Answer: B (LEAVE A REPLY)
Reference https://www.tecmint.com/set-hostname-permanently-in-linux/

NEW QUESTION: 68
A junior systems administrator needs to schedule a backup script named /scripts/backup.sh and make the correct changes to the crontab. Which of the following crontab entries would run the script every Monday at 2:05 a.m.?
A. 1 * * 5 2 /scripts/backup.sh
B. 2 5 * * 1 /scripts/backup.sh
C. 5 2 * * 1 /scripts/backup.sh
D. 1 * * 2 5 /scripts/backup.sh
E. 5 2 * * 0 /scripts/backup.sh
Answer: C (LEAVE A REPLY)
Minute (0 - 59) 0= every minute
Hour (0 - 23) 0= every hour
Day of month (1 - 31)
Month (1 - 12)
Day of week (0 - 7) (Sunday=0 or 7)
Reference:
https://tecadmin.net/crontab-in-linux-with-20-examples-of-cron-schedule/

NEW QUESTION: 69
Joe, a user, creates a short shell script, shortscript.sh, and saves it in his home directory with default permissions and paths. He then attempts to run the script by typing ./shortscript.sh, but the command fails to execute.
Which of the following commands would have allowed the script to run?
A. chmod u+x shortscript.sh
B. chgrp shortscript.sh Joe
C. chmod 155 ~/shortscript.sh
D. source ./shortscript.sh
Answer: (SHOW ANSWER)

NEW QUESTION: 70

A systems administrator has set up third-party log aggregation agents across several cloud instances. The systems administrator wants to create a dashboard of failed SSH attempts and the usernames used.
Which of the following files should be watched by the agents?
A. /var/log/monitor
B. /var/log/kern.log
C. /var/log/audit/audit.log
D. /etc/rsyslog.conf
Answer: (SHOW ANSWER)

NEW QUESTION: 71
A Linux administrator must identify a user with high disk usage. The administrator runs the # du -s /home/* command and gets the following output:

Based on the output, User3 has the largest amount of disk space used. To clean up the file space, the administrator needs to find out more information about the specific files that are using the most disk space.
Which of the following commands will accomplish this task?
A. du -sh /home/User/
B. du -a /home/User3/*
C. find . -name /home/User3 -print
D. df -k /home/User/files.txt
Answer: (SHOW ANSWER)

NEW QUESTION: 72
Which of the following is a difference between YAML and JSON?
A. Users can comment in YAML but not in JSON
B. JSON only uses 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: (SHOW ANSWER)
Explanation/Reference: https://www.json2yaml.com/yaml-vs-json

NEW QUESTION: 73
A Linux administrator recently changed the IP addresses of all the web servers from 10.10.50.x to 10.10.100.x. The administrator needs to update the serverlist.txt file to reflect the change.
The file contains the following:
10:WebSvr01:10.10.50.21:Main
11:WebSvr02:10.10.50.22:Acconting

12:WebSvr03:10.10.50.23:Intranet
20:NFS01:10.10.20.21:FileServer
30:SMTP01:10.10.30.31:Email
Which of the following commands will change the IP addresses and update the files in place?
A. sed -i 's|.50|.100|' serverlist.txt
B. sed -g 's|.50|.100|a' serverlist.txt
C. sed -i 's|.50|.100|g' serverlist.txt
D. sed 's|.50|.100|g' serverlist.txt
Answer: (SHOW ANSWER)

NEW QUESTION: 74
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. setenforce 0
B. chcon httpd_sys_content_t /var/
C. echo SELINUX=PERMISSIVE >> /etc/sysconfig/selinux
D. sestatus 0
Answer: A (LEAVE A REPLY)

NEW QUESTION: 75
A Linux 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 760 <application name>
B. chmod 750 <application name>
C. chmod 730 <application name>
D. chmod 710 <application name>
Answer: B (LEAVE A REPLY)

NEW QUESTION: 76
A systems administrator needs to install software packages on a server from an Internet-based repository. The server does not have Internet connectivity.
Which of the following can be used to allow the server to connect to the Internet through the systems administrator's desktop?
A. UUCP
B. Remote SSH port forwarding
C. Local package repository
D. X11 forwarding
Answer: B (LEAVE A REPLY)

NEW QUESTION: 77
An administrator has a CSV file named hosts.csv. The contents of hosts.csvinclude the following:
192.168.2.57,lnx1prd.example.com,Linux,Production
192.168.2.58,lnx2prd.example.com,Linux,Production
192.168.1.4,server15.example.com,Windows,Development
The administrator needs to create a second comma-separated list of only the Linux server IP addresses. Which of the following commands would achieve this need?
for ip in $(grep "Linux" hosts.csv | cut -d"," -f1); do echo -n "$ip,"; done
A. for ip in $(grep "Linux" hosts.csv | sed "/$1//'); do echo -n "$ip,"; done
B. for ip in $(cut -d"," -f1 hosts.csv | grep "Linux"); do echo -n "$ip,"; done
C. done
D. for ip in $(awk -F, '{print $1}' hosts.csv | grep "Linux"); do echo -n "$ip,";
Answer: D (LEAVE A REPLY)

NEW QUESTION: 78
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 (LEAVE A REPLY)
Explanation/Reference: https://www.computerhope.com/unix/uumask.htm

NEW QUESTION: 79
A systems administrator notices a large number of autoloaded device modules are no longer needed and decides to do a cleanup of them. Which of the following commands will accomplish this task?
A. rmmod -c
B. depmod -r
C. insmod -c
D. modprobe -r
Answer: D (LEAVE A REPLY)
Reference:

http://ccrma.stanford.edu/planetccrma/man/man8/modprobe.8.html

NEW QUESTION: 80
A junior systems is configuring localization option environment variables. The administrator is given a checklist of tasks with the following requirements:
View current settings of the LC_ALL environment variable only.
Modify the LANG environment variable to US English Unicode.
Given this scenario, which of the following should be performed to meet these requirements? (Choose two.)
A. stty
B. echo $LC_ALL
C. cat $LC_ALL
D. locale
E. export LANG = en_US.UTF-8
F. export $LANG = en_US.UTF
Answer: D,E (LEAVE A REPLY)

NEW QUESTION: 81
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 -1
C. ls -Z
D. ls -a
Answer: C (LEAVE A REPLY)

NEW QUESTION: 82
Which of the following are Linux desktop managers? (Choose two.)
A. GNOME
B. GUI
C. SPICE
D. KDE
E. X11
F. VNC
Answer: (SHOW ANSWER)

NEW QUESTION: 83
A Linux administrator needs to remove a USB drive from a system. The unmount command fails, stating the device is busy. Which of the following commands will show the reason for this error?
A. mount | grep /mnt/usb
B. ps aux | grep /mnt/usb
C. lsof | grep /mnt/usb

D. lsusb | grep /mnt/usb
Answer: C (LEAVE A REPLY)

NEW QUESTION: 84
Which of the following boot methods can a Linux administrator use to boot a Linux server remotely via a network interface card instead of a local disk?
A. NTP
B. PXE
C. NFS
D. Kickstart
Answer: B (LEAVE A REPLY)
Pixie, is a set of standards that enables a computer to load an operating system (OS) over a network connection. PXE can be used to quickly install an OS and is commonly used for both servers and clients. It may also be called PXE boot, boot from network, network boot or local area network boot.

NEW QUESTION: 85
An administrator is troubleshooting an application that has failed to start after the server was rebooted. Noticing the data volume is not mounted, the administrator attempts to mount it and receives this error:

```
[root@localhost comptia]# mount /dev/datavg/datalv /data
mount: special device /dev/datavg/datalv does not exist
```

Upon checking the logical volume status, the administrator receives this information:

```
[root@localhost comptia]# lvs
 LV VG Attr LSize Pool Origin Data% Meta% Move Log Cpy%Sync Convert
 root centos -wi-ao---- <6.20g
 swap centos -wi-ao---- 820.00m
 datalv datavg -wi------- 500.00m
[root@localhost comptia]#
```


Which of the following can be said about the data logical volume, and how can this problem be resolved?
A. The logical volume is OK but the /devspecial files are missing. The administrator should recreate them by running /dev/MAKEDEV.
B. The logical volume file system has become corrupted. The administrator should repair it with xfs_repair /dev/datavg/datalvand then mount it.
C. The file system is read-only. The administrator should remount it as read-write with the command mount - o remount.rw /data.
D. The logical volume is not active. The administrator should make it active with lvchange -ay /dev/ datavg/datalvand then mount it.
Answer: D (LEAVE A REPLY)

NEW QUESTION: 86
Joe, a user, reports there is data missing after a reboot of the system he is using. The data he was working on was located in /opt/data/user1. A Linux administrator runs the following commands and receives the resulting output.

```
 df
dev/sda1     20G   15G   5G   25   /
dev/sda2     10G   8G    2G   2    /home
dev/sdb2     5G    1G    4G   80   /opt/data/user2
 mount
dev/sda1 on / type ext4 (rw)
dev/sda2 on /home type ext4 (rw)
dev/sdb2 on /opt/data/user2 type ext4 (rw)
 cat /etc/fstab
dev/sda1    /                       ext4      defaults 0 0
dev/sda2    /home                   ext4      defaults 0 0
/dev/sdb1   /opt/data/user1         ext4      defaults 0 0
dev/sda3    swap                    swap      defaults 0 0
dev/sdb2    /opt/data/user2         ext4      defaults 0 0
/dev/sdb1   /opt/data/user1         xfs       defaults 0 0
 ls /opt/data
```


Which of the following should the administrator perform to resolve the issue?

A. The administrator can conclude Joe no longer has permissions to his data and needs to change the data ownership to Joe.

B. The administrator can conclude Joe has been using the wrong folder and should be using /opt/data/user2.

C. The administrator can conclude the data is gone from the system and needs to be restored from a backup.

D. The administrator can conclude the drive is not mounted properly and should be remounted.

Answer: (SHOW ANSWER)

NEW QUESTION: 87

A systems administrator wants to mount an ISO to access its content. Using /mnt as a mount point, which of the following is the correct syntax?

A. mount -o iso9660 /dev/sr0 /mnt

B. mount -o loop /dev/kvm /mnt

C. mount -o loop -t iso /mnt

D. mount -o loop /tmp/image.iso /mnt

Answer: B (LEAVE A REPLY)

NEW QUESTION: 88

An administrator is examining the public Git repository for a newly synchronized program.

```
Dockerfile      initial commit    1 hour ago
LICENSE.md      initial commit    1 hour ago
README.MD       initial commit    1 hour ago
install.sh      initial commit    1 hour ago
id_rsa          initial commit    1 hour ago
INSTALL.md      initial commit    1 hour ago
```

The administrator notices the repository has a file in it that does not belong in the public repository. The administrator locally creates a file that will exclude id_rsa in the public repository. Which of the following part of commands should the administrator run to correct this issue?

A)

```
git rm --cached id_rsa && \
git add . && git commit -am "initial update"
```

B)

```
git checkout id_rsa && git merge .gitignore && \
git push origin .gitignore
```

C)

```
git commit -m ".gitignore" && \
git push origin .gitignore
```

D)

```
git push origin .gitignore && \
git pull id_rsa
```

A. Option B
B. Option A
C. Option D
D. Option C
Answer: B (LEAVE A REPLY)

NEW QUESTION: 89
Joe, a user, is unable to log in to the server and contracts the systems administrator to look into the issue. The administrator examines the /etc/passwd file and discovers the following entry:
joe:x:505:505::/home/joe:/bin/false
Which of the following commands should the administrator execute to resolve the problem?
A. usermod -s /bin/bash joe
B. passwd -u joe
C. useradd -s /bin/bash joe
D. chage -E -1 joe
Answer: B (LEAVE A REPLY)
Reference:
https://doc.lagout.org/security/McGraw-Hill%20-%20Hacking%20Exposed%2C%203rd%20Ed%20-%20Hacking%20Exposed%20Win2.pdf (303)

NEW QUESTION: 90
Which of the following is used on the client to boot a Linux system from a TFTP server?
A. EFI
B. PXE
C. HTTP
D. GRUB
Answer: (SHOW ANSWER)

NEW QUESTION: 91

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/installation.cfg
B. /root/anaconda-ks.cfg
C. /root/anaconda.auto
D. /etc/sysconfig/anaconda/cfg
Answer: (SHOW ANSWER)

NEW QUESTION: 92
A junior systems administrator created a new filesystem /dev/sda1 with mountpoint /data and added it to the /etc/fstab for auto-mounting. When the systems administrator tries to mount the file system, the system refuses. Given the output below:

```
/dev/mapper/VolGroup00-Log-Vol00 / xfs defaults 0 0
/dev/sda1                /data    xfs     noauto,dev,sync,ro,nosuid         0 0
/dev/mapper/VolGroup00-Log-Vol101 swap    swap    defaults0 0
/dev/sda2                /mine    ext4    auto,suid,sync,rw,dev    0 0
```

Which of the following steps is necessary?
A. Change the options to auto,dev,sync,rw,nosuid and run the mount -a command.
B. Change the dump column to 1 and run the mount -a command.
C. Change the mount point to data and reboot.
D. Change the filesystem from /dev/sda1 to /dev/sda2 and reboot.
Answer: (SHOW ANSWER)

NEW QUESTION: 93
An administrator reviews the following configuration file provided by a DevOps engineer:

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

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

A. JSON
B. YAML
C. AJAX
D. SOAP
Answer: A (LEAVE A REPLY)

NEW QUESTION: 94
Ann, a junior systems administrator, is required to add a line to the /etc/yum.conffile. However, she receives the following error message when she tries to add the line:

```
root@comptia:~# echo "line" > /etc/yum.conf
-su: /etc/yum.conf: Operation not permitted
```

Ann performs some diagnostics to attempt to find the root cause:

```
root@comptia:~# ls -l /etc/yum.conf
-rw-r--r-- 1 root root 970 Jan 30 2018 /etc/yum.conf

root@comptia:~# lsattr /etc/yum.conf
----i---------e-- /etc/yum.conf

root@comptia:~# df -i /etc/yum/conf
Filesystem     Inodes   IUsed   IFree   IUse%  Mounted on
/dev/sda1      524288   192861  331427  37%    /
```

Which of the following commands should Ann execute to write content to /etc/yum?
A. chmod 755 /etc/yum.conf
B. setfacl -m m:rw /etc/yum.conf
C. setenforce 0
D. chattr -i /etc/yum.conf
Answer: A (LEAVE A REPLY)

NEW QUESTION: 95
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 "0" > /proc/sys/net/ipv4/tcp_abort_on_overflow
B. echo "1" > /proc/sys/net/ipv4/ip_forward
C. echo "1" > /proc/sys/net/ipv4/ip_default_ttl

D. echo "0" > /proc/sys/net/ipv4/max_connections
Answer: B (LEAVE A REPLY)

NEW QUESTION: 96
An administrator receives a warning about a filesystem filling up, and then identifies a large file located at / tmp/largelogfile. The administrator deletes the file, but no space is recovered on the filesystem.
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 (LEAVE A REPLY)
Explanation/Reference: https://access.redhat.com/solutions/2316

NEW QUESTION: 97
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. echo "1" > /proc/sys/net/ipv4/ip_net
B. echo "1" > /proc/sys/net/ipv4/ip_route
C. cat /proc/sys/net/ipv4/ip_route > 1
D. echo "1" > /proc/sys/net/ipv4/ip_forward
Answer: (SHOW ANSWER)

NEW QUESTION: 98
A Linux administrator needs to know the MAC address of the server's gateway.
Which of the following commands should the administrator run to obtain this information?
A. arp -gw
B. arp -a
C. arp -gwi
D. arp -gtw
Answer: B (LEAVE A REPLY)
https://osqa-ask.wireshark.org/questions/31505/how-to-find-mac-address-of-default-gateway/

NEW QUESTION: 99
A user cannot write files to the /home/user directory. The junior Linux administrator runs the following commands:

```
# df -i /home/user
        /dev/sda1       34567     34567    0          100%     /

# df -h /home/user
        /dev/sda1       22222     11111    11111G     50%      /

# ls -l /home/user
        d-wxr-xr-x      22        Ann      group      4096     Feb 16   11:22
```


Which of the following BEST represents why the user cannot write files?

A. The filesystem is out of file space.

B. The filesystem is not configured for the user to write to it.

C. The filesystem is out of inodes.

D. The filesystem does not have a group write permission.

Answer: C (LEAVE A REPLY)

NEW QUESTION: 100

A junior administrator is configuring local name lookups for fully qualified domain names in an isolated environment. The administrator is given a checklist and must accomplish the following tasks:

Add localhost with loopback address.

Add 192.168.192.12/24 to resolve to database01.comptia.org

Given this scenario, which of the following steps should the administrator perform to accomplish these tasks?

A. Open the /etc/nsswitch.conf file with a file editor and add the following lines:

127.0.0.1 localhost

192.168.192.12 database01.comptia.org

B. Open the /etc/dhcpd.conf file with a file editor and add the following lines:

127.0.0.1 localhost

192.168.192.12 database01.comptia.org

C. Open the /etc/hosts file with a file editor and add the following lines:

127.0.0.1 localhost

192.168.192.12 database01.comptia.org

D. Open the /etc/network file with a file editor and add the following lines:

127.0.0.1 localhost

192.168.192.12 database01.comptia.org

Answer: C (LEAVE A REPLY)

Open the /etc/hosts file with a file editor and add the following lines: 127.0.0.1 localhost 192.168.192.12 database01.comptia.org

Modify Hosts File in Linux

On Linux, the full path to the file is /etc/hosts.

In your terminal window, open the hosts file using your favorite text editor :

$ sudo nano /etc/hosts

NEW QUESTION: 101
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. depmod -i bluetooth
C. modprobe -r bluetooth
D. insmod bluetooth
Answer: C (LEAVE A REPLY)

NEW QUESTION: 102
The following represents a partial listing of a user's .bashrc file:
HISTSIZE=800
HISTFILESIZE=1000
umask 2002
HISTCONTROL=ignoreboth
When the user opens a terminal, an error message appears:
Octal number out of range
Which of the following lines in the partial .bashrc should be modified to prevent the error from occurring?
A. HISTCONTROL=ignoreboth
B. HISTFILESIZE=1000
C. HISTSIZE=800
D. umask 2002
Answer: D (LEAVE A REPLY)

NEW QUESTION: 103
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. ps -ef | grep yum
B. killall yum
C. renice -n 9 -p 5180
D. top | grep yum
Answer: A (LEAVE A REPLY)

NEW QUESTION: 104

A Linux administrator wants to configure log messages of critical or higher severity levels from the cron utility to be logged to the console.
Which of the following will accomplish this objective?
A. Edit the /etc/logrotate.d/cron file to include the line cron.emerg.* /dev/console
B. Edit the /etc/rsyslog.d/conf file to include the line cron.emerg.* /dev/console
C. Edit the /etc/rsyslog.conf file to include the line cron.emerg.* /dev/console
D. Edit the /etc/logrotate.conf file to include the line cron.emerg.* /dev/console
Answer: C (LEAVE A REPLY)

NEW QUESTION: 105
A Linux administrator has configured a local named caching server to reduce the amount of time to resolve common DNS addresses. The server resolves using the external server, however; the administrator wants to avoid this configuration. The administrator verifies the named, conf settings to confirm the following relevant settings:
The administrator then runs dig twice to look up an external address and receives the following relevant output the second time.

```
#dig google.com
...
;Querytime:
SERVER: 8.8.8.8
```

Which of the following should the administrator do to correct the configuration?
A. Configure the name service in system to be masked
B. Alias the dig commands to use nslookup instead.
C. Add 1270.0.1 to the forwards in the named confi file.
D. Modify /etc/resolve.config and set nameserver to 127.0.0.1
Answer: B (LEAVE A REPLY)

NEW QUESTION: 106
A Linux team is using Git to version a set of custom scripts. A team member has made an update to a script and published the changes to the repository.
Which of the following is the BEST way to retrieve the latest changes to the administrator's local working copy?
A. git fetch
B. git commit
C. git pull
D. git merge
Answer: C (LEAVE A REPLY)

NEW QUESTION: 107

A networked has been crashing intermittently. A Linux administrator would like to write a shell script that will attempt to ping the server and email an alert if the server fails to respond. The script will later be scheduled via cron job.
Which of the following scripts would BEST accomplish this task?

A.
```
SERVER="192.168.1.50"
ping -c 2 $SERVER >/dev/null 2>/tmp/fail.log
if [ -f /tmp/fail/log ]; then
      echo "Server is down" | mail -s "Server down" admin@email_address.com
fi
```

B.
```
SERVER="192.168.1.50"
RESULT='ping -c 2 $SERVER >/dev/null 2>/dev/null'
while [ $RESULT != 1 ];
do
      echo "Server is down" | mail -s "Server down" admin@email_address.com
done
```

C.
```
SERVER=''192.168.1.50''
RESULT='ping -C 2 $SERVER'
if [ !$RESULT ]; then
      echo "Server is down" | mail -s "Server down" admin@email_address.com
fi
```

D.
```
SERVER="192.168.1.50"
ping -c 2 $SERVER >/dev/null 2>/dev/null
if [ $? -ge 1 ]; then
      echo "Server is down" | mail -s "Server down" admin@email_address.com
fi
```

Answer: (SHOW ANSWER)

NEW QUESTION: 108

A networked has been crashing intermittently. A Linux administrator would like to write a shell script that will attempt to ping the server and email an alert if the server fails to respond. The script will later be scheduled via cron job.
Which of the following scripts would BEST accomplish this task?

A

```
SERVER=''192.168.1.50''
RESULT='ping -C 2 $SERVER'
if [ !$RESULT ]; then
      echo "Server is down" | mail -s "Server down" admin@email_address.com
fi
```

B

```
SERVER="192.168.1.50"
ping -c 2 $SERVER >/dev/null 2>/dev/null
if [ $? -ge 1 ]; then
      echo "Server is down" | mail -s "Server down" admin@email_address.com
fi
```

C

```
SERVER="192.168.1.50"
RESULT='ping -c 2 $SERVER >/dev/null 2>/dev/null'
while [ $RESULT != 1 ];
do
      echo "Server is down" | mail -s "Server down" admin@email address.com
done
```

D

```
SERVER="192.168.1.50"
ping -c 2 $SERVER >/dev/null 2>/tmp/fail.log
if [ -f /tmp/fail/log ]; then
      echo "Server is down" | mail -s "Server down" admin@email_address.com
fi
```


A. Option C
B. Option D
C. Option A
D. Option B
Answer: B (LEAVE A REPLY)

NEW QUESTION: 109
An administrator needs to generate a list of services that are listening on TCP and/or UDP ports. Which of the following tools should the administrator use?
A. ethtool

B. route
C. netstat
D. portmap
Answer: C (LEAVE A REPLY)
Explanation/Reference: https://www.tecmint.com/find-open-ports-in-linux/

NEW QUESTION: 110
A site reliability engineer updated the latest configuration management scripts and committed them to a workstream called either test or patch. A Linux administrator wants to ensure these latest workstreams are able to be retrieved to the server. Which of the following is the BEST Git attribute to use?
A. branch
B. fetch
C. pull
D. log
Answer: C (LEAVE A REPLY)

NEW QUESTION: 111
A user wants to use terminal services from a Windows workstation to manage a Linux server. Which of the following should be installed on the Linux server to enable this functionality?
A. VNC
B. rdesktop
C. SPICE
D. XRDP
Answer: B (LEAVE A REPLY)
Reference:
https://www.netadmintools.com/art237.html

NEW QUESTION: 112
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 0012
B. chmod -R 0755 /
C. umask 0022
D. chmod -R 0644 /
Answer: (SHOW ANSWER)

NEW QUESTION: 113
A systems administrator received a request to change the hostname to a new name. Which of the following file configurations should be changed to fix the hostname in the server?
A. /etc/sysconfig/network
B. /etc/hosts

C. /etc/resolv.conf
D. /etc/sysconfig/nsswitch.conf
Answer: B (LEAVE A REPLY)
Reference https://www.tecmint.com/set-hostname-permanently-in-linux/

NEW QUESTION: 114
A Linux administrator is adding a static IP address to a network interface on a Linux system. The administrator modifies the ifcfg- eth0 configuration file with the following settings:

```
DEVICE:     ETH0
BOOTPROTO:  DHCP
IPADDR:     192.16.20.10
NETMASK:    255.255.255.0
ONBOOT:     No
USERCTL:    No
```

After the administrator restarts the Linux server, the system is not connected to the network. Which of the following configuration settings needs to be changed?
A. Set USERCTL to yes and ONBOOT to no.
B. Set BOOTPROTO to BOOTP and USERCTL to yes.
C. Set BOOTPROTO to NONE and ONBOOT to yes.
D. Set NETMASK to 255.255.0.0 and ONBOOT to yes.
Answer: D (LEAVE A REPLY)

NEW QUESTION: 115
A security team informs the Linux administrator that a specific server is acting as an open relay.
To which of the following is the security team referring?
A. The server is acting as an unmanaged router, open to the Internet, and is allowing outside Internet traffic into the network with no filtering.
B. The server is acting as a web proxy and allowing outside unauthenticated sources to connect to the server, effectively hiding the source's IP address for malicious activities.
C. The server has an email service configured to allow outside sources to send email to other external parties on the Internet without validation.
D. The server is running the SSH service and is open to the Internet, allowing outside sources to log into the server without source IP address filtering.
Answer: C (LEAVE A REPLY)

NEW QUESTION: 116
A systems administrator has finished building a new feature for the monitoring software in a separate Git branch.
Which of the following is the BEST method for adding the new feature to the software's master branch?
A. Merge the changes from the feature branch to the master branch.
B. Save the changes to the master branch automatically with each Git commit.
C. Clone the feature branch into the master branch.

D. Pull the changes from the feature branch into the master branch.
Answer: (SHOW ANSWER)
Explanation/Reference: https://git-scm.com/book/en/v2/Git-Branching-Basic-Branching-and-Merging

NEW QUESTION: 117
An administrator needs to create a shared directory in which all users are able to read, write, and execute its content but none of the regular users are able to delete any content.
Which of the following permissions should be applied to this shared directory?
A. rwxrwxrws
B. rwxrwxrwt
C. rwxrwxrwx
D. rwxrwxrw*
Answer: B (LEAVE A REPLY)

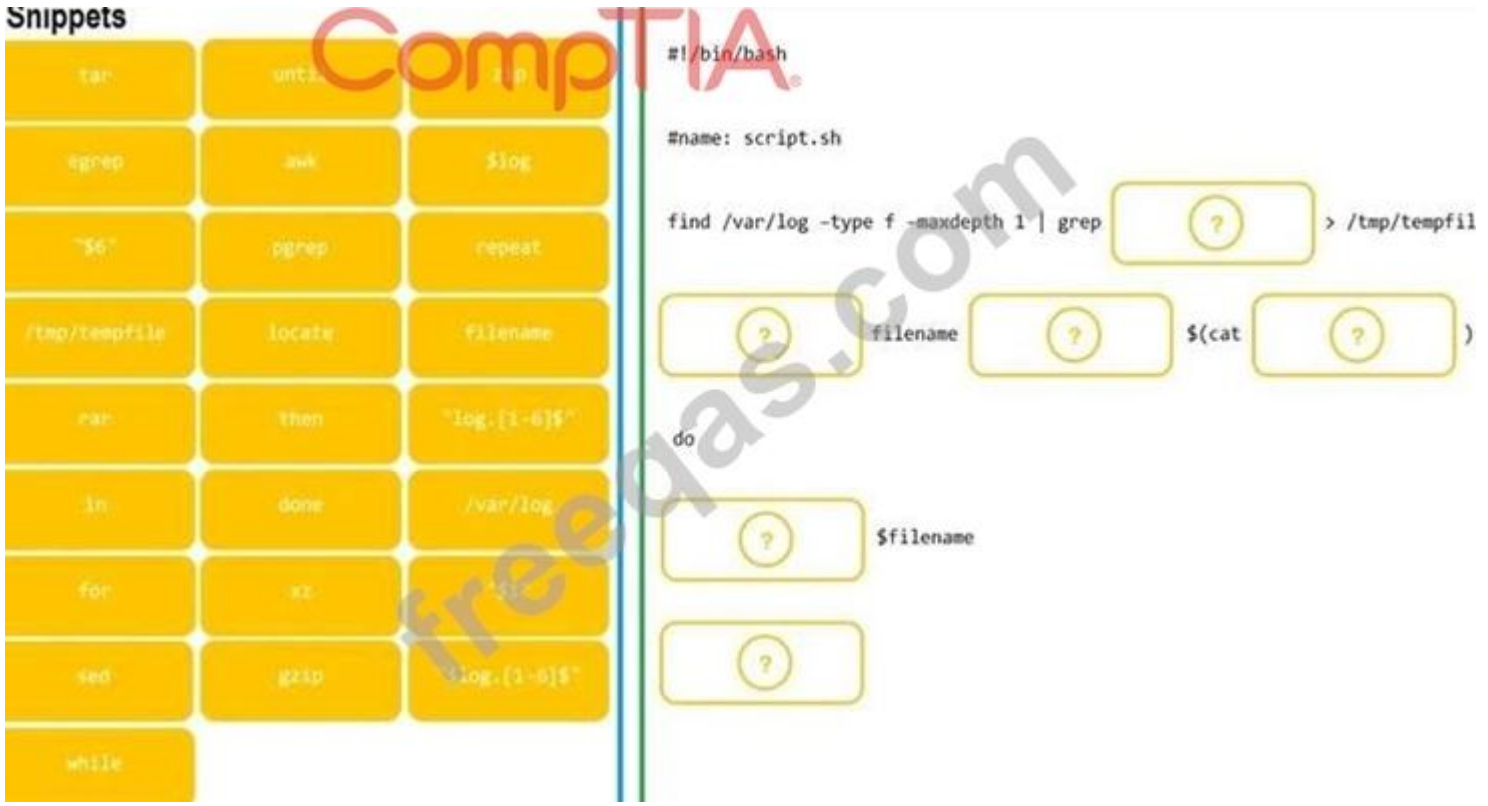
NEW QUESTION: 118
The lead Linux has added a disk, /dev/sdd, to a VM that is running out of disk space. Place the following steps in the correct order from first (1) to last (4) to add the disk to the existing LVM.

Answer:

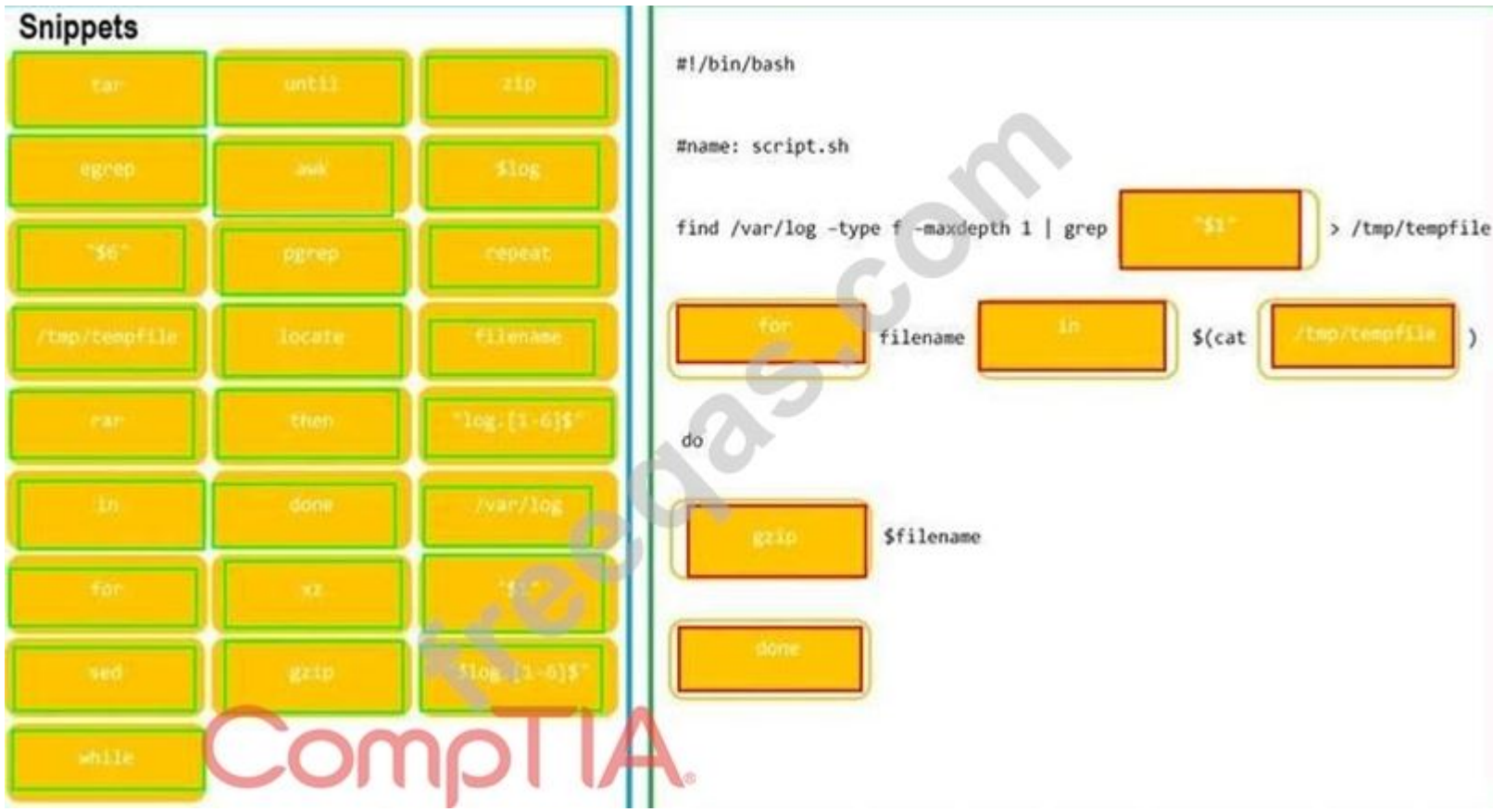
Reference:
https://www.rootusers.com/how-to-increase-the-size-of-a-linux-lvm-by-expanding-the-virtual-machine-disk/

NEW QUESTION: 119
An administrator clones a Git repository onto a local laptop. While inspecting the code, the administrator notices a bug and wants to fix it.
Which of the following is the BEST command for the administrator to use to test a patch for the prior to updating the version saved in master?
A. Branch
B. Stash
C. Comit
D. Init
E. merge
Answer: D (LEAVE A REPLY)

NEW QUESTION: 120
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.



Answer:



NEW QUESTION: 121

A server, which is used to collect data about the network and datacenter environment via SNMP, is running out of space. Which of the following should the server administrator implement to reduce disk utilization?

A. logrotate

B. tar -cvf
C. journald
D. Snapshots
Answer: D (LEAVE A REPLY)

NEW QUESTION: 122
An organization wants to consolidate its entire user information in centralized storage using an X.500-based protocol. Which of the following protocols should be used for this implementation?
A. LDAP
B. DNS
C. RADIUS
D. DHCP
Answer: A (LEAVE A REPLY)

NEW QUESTION: 123
A systems administrator notices several intensive tasks executing from users Joe and Ann. These processes are impacting server operations but must be allowed to continue running.
Which of the following commands should the systems administrator run to reduce the impact on the server?
A. pkill -u joe ann
B. renice 11 -u joe ann
C. nohup -u joe ann
D. strace -u joe ann
Answer: B (LEAVE A REPLY)
Reference:
20systems,the%20Linux%20version%20of%20renice

NEW QUESTION: 124
You have been asked to parse a log file of logins to determine various information about who is logging in and when.
INSTRUCTIONS
Open and inspect the Login log file.
Drag and drop the correct commands onto the output that was generated from that command.
Tokens can be used only once and not all will be used.
If at any time you would like to bring back the initial state of the simulation, please click the Reset All button.

Command Output

Answer:

Command Output

View Login Log

Commands:

```
grep "Mar 13" lastlog
tr "[a-z]" "[A-Z]" < lastlog | grep -i "Mar 12"
awk '{ print $1 }' lastlog
tr "[A-Z]" "[a-z]" < lastlog | grep -i "Mar 12"
awk '{ print $1 }' lastlog | sort | uniq
awk '{ print $1 }' lastlog | uniq
awk '{ print $1 }' lastlog | sort | uniq
grep lastlog "Mar 13"
grep Mar 13 lastlog
awk '{ print $1 }' lastlog | sort | uniq -c
grep "Mar13" lastlog
grep -i "Mar 13" lastlog | sort | uniq -c | sort -rn
```

```
[comptia@localhost exercise]$ last
eric     pts/3        :0           Mon Mar 13 10:52 - 08:48 (1+12:50)
david    pts/3        :0           Mon Mar 13 10:52 - 08:48 (1+12:50)
ann      pts/3        :0           Mon Mar 13 10:52 - 08:48 (1+12:50)
chris    pts/3        :0           Mon Mar 13 10:52 - 08:48 (1+12:50)
carl     pts/3        :0           Mon Mar 13 10:52 - 08:48 (1+12:50)
joe      pts/3        :0           Mon Mar 13 10:52 - 08:48 (1+12:50)
lee      pts/3        :0           Mon Mar 13 10:52 - 08:48 (1+12:50)
```

```
[comptia@localhost exercise]$ grep "Mar 12" lastlog
COMPTIA  pts/1        :0           Sun Mar 12 14:20 - 09:48 (1+19:28)
CHRIS    pts/2        :0           Sun Mar 12 14:52 - 09:48 (1+18:56)
REBOOT   system boot  3.10.0-693.21.1. Sun Mar 12 11:01 - 13:26 (2+02:24)
LEE      pts/2        :0           Sun Mar 12 14:52 - 09:48 (1+18:56)
COMPTIA  pts/0        :0           Sun Mar 12 14:14 - 14:22 (00:07)
ERIC     pts/2        :0           Sun Mar 12 14:52 - 09:48 (1+18:56)
COMPTIA  pts/0        :0           Sun Mar 12 11:32 - 11:52 (00:20)
REBOOT   system boot  3.10.0-693.21.1. Sun Mar 12 09:53 - 13:26 (2+02:32)
DAVID    pts/2        :0           Sun Mar 12 14:52 - 09:48 (1+18:56)
COMPTIA  pts/0        :0           Sun Mar 12 09:53 - 10:59 (01:05)
COMPTIA  :0           :0           Sun Mar 12 11:00 - 11:01 (00:00)
REBOOT   system boot  3.10.0-693.21.1. Sun Mar 12 10:59 - 13:26 (2+02:26)
COMPTIA  :0           :0           Sun Mar 12 11:00 - 13:26 (2+02:26)
COMPTIA  pts/2        :0           Sun Mar 12 14:52 - 09:48 (1+18:56)
ANN      pts/2        :0           Sun Mar 12 14:52 - 09:48 (1+18:56)
CARL     pts/2        :0           Sun Mar 12 14:52 - 09:48 (1+18:56)
REBOOT   system boot  3.10.0-693.EL7.X Sun Mar 12 09:39 - 10:59 (01:19)
JOE      pts/2        :0           Sun Mar 12 14:52 - 09:48 (1+18:56)
COMPTIA  :0           :0           Sun Mar 12 09:43 - DOWN  (01:16)
COMPTIA  pts/0        :0           Sun Mar 12 11:34 - 11:34 (00:00)
```

```
[comptia@localhost exercise]$ tr "[A-Z]" "[a-z]" < lastlog | grep -i "Mar 12"
ann
carl
chris
comptia
david
eric
joe
lee
reboot
```

NEW QUESTION: 125

A Linux administrator needs to disable the Sendmail service on a Linux server and prevent it from being started manually and during boot. Which of the following is the BEST command to do this?

A. systemctl stop sendmail

B. systemctl disable sendmail

C. systemctl reset-failed sendmail

D. systemctl mask sendmail
Answer: A (LEAVE A REPLY)

NEW QUESTION: 126
A user needs to modify the IP address of a laptop. Which of the following files can be used to configure the network interface named eth0?
A. /etc/sysconfig/network/interfaces.cnf
B. /system/config/interfaces
C. /etc/sysconfig/network-scripts/ifcfg-eth0
D. /system/networking/ifconfig
E. /etc/interfaces/eth0.conf
Answer: C (LEAVE A REPLY)
Explanation/Reference: https://opensource.com/life/16/6/how-configure-networking-linux

NEW QUESTION: 127
Find the file named core and remove it from the system.
INSTRUCTIONS
Type "help" to display a list of available commands.
If at any time you would like to bring back the initial state of the simulation, please click the Reset All button.

Answer:
Solution as

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

NEW QUESTION: 128
A systems administrator wants to disable the Linux Kernel WatchDog Timer Driver for security purposes.
Which of the following will accomplish this task?
A. Add watchdog=0 to the /etc/modprobe.conf file.
B. Rename the /etc/modprobe.d/watchdog file to watchdog.off instead.
C. Add blacklist watchdog to the /etc/modprobe.d/blacklist file.
D. Remove the watchdog=1 from the /usr/modules/watchdog.conf file.
Answer: (SHOW ANSWER)

NEW QUESTION: 129
Ann, a Linux administrator, wants to edit a configuration management file. When she opens the file to edit, her text editor reports that the file has been opened in read-only mode. She then tries to edit the file as root by elevating via sudo and is still unable to save any changes. The error message in her text editor says that the read-only option is set on the file. Ann checks the permissions on the file and sees the following:
-rw-rw-r-- 1 root wheel 30 Jun 13 15:38 infrastructure.yml
Which of the following commands is the BEST option to allow her to successfully modify the file?
A. chmod 600 infrastructure.yml
B. chown root: infrastructure.yml
C. chattr -i infrastructure.yml
D. chmod o+w infrastructure.yml
Answer: D (LEAVE A REPLY)
Reference:
https://cets.seas.upenn.edu/answers/chmod.html

NEW QUESTION: 130
An administrator is logged on as an unprivileged user and needs to compile and installed an application from source. Which of the following BEST represents how to complete this task?
A. cd <source>; sudo ./configure $$ make $$ make install
B. cd <source>; ./configure $$ make $$ make install
C. cd <source>; ./configure $$ sudo make $$ make install
D. cd <source>; ./configure $$ make $$ make install
Answer: A (LEAVE A REPLY)

NEW QUESTION: 131
A systems administrator wants to mount an ISO to access its content. Using /mnt as a mount point, which of the following is the correct syntax?
A. mount -o iso9660 /dev/sr0 /mnt

B. mount -o loop -t iso /mnt
C. mount -o loop /tmp/image.iso /mnt
D. mount -o loop /dev/kvm /mnt
Answer: D (LEAVE A REPLY)
Reference:
https://www.cyberciti.biz/tips/how-to-mount-iso-image-under-linux.html

NEW QUESTION: 132
An administrator is trying to access a server in a cloud via SSH but is unable to log in. The administrator determines the company's IP address has been blocklisted on the server.
Which of the following should the administrator do to prevent being blocked in the future?
A. Add the company's IP address from the /etc/hosts.allow.
B. Add the company's TLS certificate to the authorized_keys and known_hosts files.
C. Modify the cloud provider security rules to allow all connectors form the company's IP address.
D. Turn on SELinux and enable the SSH context.
Answer: A (LEAVE A REPLY)

NEW QUESTION: 133
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 (LEAVE A REPLY)
Reference:
https://stackoverflow.com/questions/19602181/how-to-extract-one-column-of-a-csv-file

NEW QUESTION: 134
Which of the following will boot from a network-hosted ISO image at power on?
A. NFS
B. FTP
C. iSCSI
D. PXE
Answer: D (LEAVE A REPLY)

NEW QUESTION: 135
A Linux administrator is checking connectivity between two servers in separate subnets:
Server A: 10.1.2.20 (source)
Server B: 10.2.1.10 (destination on port 8080)
The administrator tried to run the curl 10.2.1.10:8080 command on server A and received the following output:
curl: (7) Failed to connect to 10.2.1.10 port 8080: Connection refused.

The administrator checked on server B and confirmed nothing is listening on port 8080.
Which of the following commands, when run on server B, would have allowed the administrator to test the connection successfully?
A. nmap -v -p 8080 10.2.1.10
B. nc -l -p 8080 10.2.1.10
C. ss -l -p dport=8080 dst 10.2.1.10
D. tcpdump 'tcp port 8080'
Answer: (SHOW ANSWER)

NEW QUESTION: 136
A systems administrator is implementing disk quotas on /home. During the process, the administrator receives the following error:
Cannot find filesystem to check or filesystem not mounted with user quota option.
Which of the following is the correct order of steps the administrator should follow to resolve this error?
A. 1. Verify if /home has quotas enabled in /etc/fstaband, if not, enable it.
2. Remount /home.
3. Create the quota database files and generate the disk usage table.
4. Assign user quota policies.
B. 1. Create the quota database files and generate the disk usage table.
2. Verify if /home has quotas enabled in /etc/fstaband, if not, enable it.
3. Remount /home.
4. Assign user quota policies.
C. 1. Verify if /homehas quotas enabled in /etc/fstaband, if not, enable it.
2. Create the quota database files and generate the disk usage table.
3. Remount /home.
4. Assign user quota policies.
D. 1. Assign user quota policies.
2. Verify if /home has quotas enabled in /etc/fstaband, if not, enable it.
3. Create the quota database files and generate the disk usage table.
4. Remount /home.
Answer: A (LEAVE A REPLY)
Explanation/Reference: https://www.howtoforge.com/community/threads/quotacheck-cannot-find-filesystem-to- check.25954/

NEW QUESTION: 137
An issue was discovered on a testing branch of a Git repository. A file was inadvertently modified and needs to be reverted to the master branch version. Which of the following is the BEST option to resolve the issue?

A. git branch -b master file
B. git merge master testing
C. git stash branch master
D. git checkout master -- file
Answer: D (LEAVE A REPLY)
Explanation/Reference:
Reference: https://www.git-scm.com/book/en/v2/Git-Basics-Undoing-Things

NEW QUESTION: 138
A Linux administrator must identify a user with high disk usage. The administrator runs the # du -s /home/* command and gets the following output:

Based on the output, User3 has the largest amount of disk space used. To clean up the file space, the administrator needs to find out more information about the specific files that are using the most disk space.
Which of the following commands will accomplish this task?
A. find . -name /home/User3 -print
B. du -a /home/User3/*
C. df -k /home/User/files.txt
D. du -sh /home/User/
Answer: (SHOW ANSWER)

NEW QUESTION: 139
Which of the following BEST describes build automation?
A. Automatically categorizing servers in the infrastructure
B. Automating the creation of software and related processes
C. Bringing systems in line with the desired automated configuration
D. Managing and provisioning servers via automatic templates
Answer: B (LEAVE A REPLY)

NEW QUESTION: 140
An organization wants to consolidate its entire user information in centralized storage using an X.500-based protocol. Which of the following protocols should be used for this implementation?
A. LDAP
B. DNS
C. DHCP
D. RADIUS
Answer: A (LEAVE A REPLY)

NEW QUESTION: 141
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. Procure new equipment that matches the recommended specifications
B. Install the application, as the system meets the application requirements
C. Reconfigure lib modules to support the new application.
D. Recompile the Linux kernel to support the installation.
Answer: B (LEAVE A REPLY)

NEW QUESTION: 142
A systems administrator manually added a new library to the server. The administrator wants to rebuild the library cache for immediate use.
Which of the following commands should the systems administrator run to achieve this goal?
A. make install
B. ldconfig
C. make
D. ldd
Answer: (SHOW ANSWER)
Explanation/Reference:

NEW QUESTION: 143
Which of the following configuration management tools is considered agentless?
A. Puppet
B. Salt
C. Ansible
D. Chef
Answer: C (LEAVE A REPLY)
Explanation/Reference: https://www.intigua.com/blog/puppet-vs.-chef-vs.-ansible-vs.-saltstack

NEW QUESTION: 144
A systems administrator documents the instructions on the internal wiki regarding how to turn the company's code into Debian packages. The instructions include the commands used to compile, what tests need to be run, the commands to convert the raw code into a package that aptor dpkgcan manage, as well as an explanation of each command.
Which of the following is this an example of?
A. Configuration management
B. Procedures
C. Attributes
D. Infrastructure as code
Answer: (SHOW ANSWER)

NEW QUESTION: 145
Which of the following is the template for the grub.cfg file?
A. /etc/grub2.cfg
B. /etc/sysct1.conf
C. /boot/efi
D. /etc/default/grub
Answer: D (LEAVE A REPLY)

NEW QUESTION: 146
A networked has been crashing intermittently. A Linux administrator would like to write a shell script that will attempt to ping the server and email an alert if the server fails to respond. The script will later be scheduled via cron job.
Which of the following scripts would BEST accomplish this task?

```
SERVER=''192.168.1.50''
RESULT='ping -C 2 $SERVER'
if [ !$RESULT ]; then
      echo "Server is down" | mail -s "Server down" admin@email_address.com
fi
```

```
SERVER="192.168.1.50"
ping -c 2 $SERVER >/dev/null 2>/dev/null
if [ $? -ge 1 ]; then
      echo "Server is down" | mail -s "Server down" admin@email_address.com
fi
```

```
SERVER="192.168.1.50"
RESULT='ping -c 2 $SERVER >/dev/null 2>/dev/null'
while [ $RESULT != 1 ];
do
      echo "Server is down" | mail -s "Server down" admin@email_address.com
done
```

D

```
SERVER="192.168.1.50"
ping -c 2 $SERVER >/dev/null 2>/tmp/fail.log
if [ -f /tmp/fail/log ]; then
      echo "Server is down" | mail -s "Server down" admin@email_address.com
fi
```

A. Option B
B. Option A
C. Option C
D. Option D
Answer: (SHOW ANSWER)

NEW QUESTION: 147
A Linux administrator is restoring the SELinux contexts on an entire system. Which of the following commands is the BEST option to complete this task?
A. setenforce 0 && reboot
B. setfacl -bR / && reboot
C. touch /.autorelabel && reboot
D. restorecon / && reboot
Answer: (SHOW ANSWER)
Reference:
selinux_users_and_administrators_guide/sect-security-enhanced_linux-working_with_selinuxselinux_

contexts_labeling_files

NEW QUESTION: 148
A junior administrator is migrating a virtual machine from a Type 1 hypervisor to a Type 2 hypervisor. To ensure portability, which of the following formats should the administrator export from the Type 1 hypervisor to ensure compatibility?
A. OVA
B. OWASP
C. VDI
D. VMDK
Answer: A (LEAVE A REPLY)

NEW QUESTION: 149
A systems administrator receives a report that the web server is not running after a planned system reboot.
After starting the web server manually, which of the following commands should the administrator issue to ensure the web server starts at boot time?
A. systemctl service on
B. systemctl enable <name>.service
C. systemctl service enable
D. systemctl on <name>.service
Answer: B (LEAVE A REPLY)
Reference:
https://geekflare.com/how-to-auto-start-services-on-boot-in-linux/

NEW QUESTION: 150
Which of the following will provide a list of all flash, external, internal, and SSD drives?
A. lsblk
B. lspci
C. lsmod
D. lsusb
Answer: A (LEAVE A REPLY)

NEW QUESTION: 151
Given the output below:
[root@appserver ~]# rm config.txt
rm: remove regular file 'config.txt'? yes
rm: cannot remove 'config.txt': Operation not permitted
Which of the following might be the cause?
A. The file config.txt does not exist.
B. The file config.txt has an ACL that does not permit deletion by others.
C. The file config.txt does not have the user write bit set.
D. The file config.txt has the immutable attribute set.

Answer: C (LEAVE A REPLY)

NEW QUESTION: 152
An administrator needs to kill the oldest Bash shell running in the system. Which of the following commands should be issued to accomplish this task?
A. ps -eo pid,etime| grep bash (to obtain PID)
killall -9 PID
B. ps axjf | grep bash to obtain PID
kill -9 PID
C. ps -eo pid,etime,cmd | grep bash (to obtain PID)
kill -9 PID
D. killall -15 -o bash
Answer: D (LEAVE A REPLY)

NEW QUESTION: 153
When requesting SSH access to a remote system, a user accidentally emailed the id_rsa key to the administrator. Which of the following should the user do NEXT?
A. Stop using that key and run ssh-keygen to generate a new key pair.
B. Run the ssh-add command to add the remote system to known_hosts.
C. Delete id_rsa key file and send the id_rsa.pub key file instead.
D. Ask the administrator to run chmod 600 id_rsa on the remote system.
Answer: A (LEAVE A REPLY)

NEW QUESTION: 154
A systems administrator installs a simple package, but the Linux system returns the following error: rpmdb open fails. To verify if there is a problem in the RPM database, the systems administrator runs the following command:

```
# yum check
error: db4 error(11) from dbenv->open: Resource temporarily unavailable
error: cannot open Packages index using db4 - Resource temporarily unavailable (11)
error cannot open Packages database in /var/lib/rpm
CRITICAL:yum:main:
Error: rpmdb open fails
```


Which of the following commands should the systems administrator run NEXT to resolve this issue?

A. cd/var/lib/rpm; rpm -qd; rpm --rebuilddb; yum clean all
B. cd/var/lib/rpm; rm -f _db*; rpm --rebuilddb; yum clean all
C. cd/var/lib/rpm; rpm --rebuilddb ; rm -f _db*; yum clean all
D. cd/var/lib/rpm; rpm -qa; rm -f _db*; yum clean all
Answer: D (LEAVE A REPLY)

NEW QUESTION: 155
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 (LEAVE A REPLY)
Explanation
Explanation/Reference: https://help.ubuntu.com/community/BackupYourSystem/TAR

NEW QUESTION: 156
A junior systems administrator is configuring localization option environment variables. The administrator is given a checklist of tasks with the following requirements:
* View current settings of the LC_ALL environment variable only.
* Modify the LANGenvironment variable to US English Unicode.
Given this scenario, which of the following should be performed to meet these requirements? (Choose two.)
A. echo $LC_ALL
B. locale
C. cat $LC_ALL
D. export LANG = en_US.UTF-8
E. export $LANG = en_US.UTF
F. stty
Answer: B,D (LEAVE A REPLY)
Explanation/Reference: https://www.tecmint.com/set-system-locales-in-linux/

NEW QUESTION: 157
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:

```
ChainINPUT (policyACCEPT)

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. Add iptables rule iptables -A INPUT -m state --state NEW -p tcp --dport 8080 -j then restart httpd daemon

B. Add iptables rule iptables -A FORWARD-m state --state NEW -p tcp --dport 8080 -j ACCEPT then restart httpd daemon

C. Edit /etc/sysctl.conf file and add net.ipv4.ip_forward = 1 then run sysctl -p /etc/ sysctl.conf to enable the change

D. sysctl -w net.ipv4.ip_forward=1 then run sysctl -w /etc/sysctl.conf to enable the change

Answer: B (LEAVE A REPLY)

NEW QUESTION: 158

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 /tmpdirectory. 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 (LEAVE A REPLY)

Explanation/Reference: https://linuxize.com/post/wget-command-examples/

NEW QUESTION: 159
A Linux administrator installed a new network adapter and temporarily disabled the network service from starting on boot. The partial output of chkconfig is as follows:

```
network 0:off   1:off   2:off   3:off   4:off   5:off   6:off
```

Which of the following commands BEST describes how the administrator should re-enable the network service?
A. chkconfig --level 0 network on
B. chkconfig --level 345 network on
C. chkconfig --level 0-6 network on
D. chkconfig --level 6 network on
E. chkconfig --level 12 network on
Answer: B (LEAVE A REPLY)

NEW QUESTION: 160
A technician wants to secure a sensitive workstation by ensuring network traffic is kept within the local subnet.
To accomplish this task, the technician executes the following command:
echo 0 > /proc/sys/net/ipv4/ip_default_ttl
Which of the following commands can the technician use to confirm the expected results? (Choose two.)
A. ip
B. route
C. traceroute
D. arp
E. iperf
F. tcpdump
Answer: B,D (LEAVE A REPLY)

NEW QUESTION: 161
A newly installed desktop is unable to connect to networked resources. The systems administrator executes various commands and reviews the following output snippets:

```
Destination Gateway         Genmask   flags  MMS  Window  irtt  iface
0.0.0.0     192.168.1.254   0.0.0.0   U      0    0       0     wlo1

wlo1: <BROADCAST,MULTICAST> mtu 1500 qdisk mq state DOWN qlen 1000
      inet 192.168.1.10/24 brd 192.168.1.255 scope global dynamic wlo1
```

Which of the following should the systems administrator try NEXT to restore connectivity?
A. killall -HUP NetworkManager
B. arp -s 20:ad:1f:ab:10:0f 192.168.1.10
C. route add -net 192.168.1.0 netmask 255.255.255.0
D. ip link set wlo1 up
E. dig -x @127.0.0.1 192.168.1.10

Answer: D (LEAVE A REPLY)

NEW QUESTION: 162
A configuration management tool running every minute is enforcing the service HTTPd to be started. To perform maintenance, which of the following series of commands can be used to prevent the service from being started?
A. systemctl disable httpd && systemctl hide httpd
B. systemctl disable httpd && systemctl mask httpd
C. systemctl stop httpd && systemctl mask httpd
D. systemctl stop httpd && systemctl hide httpd
Answer: C (LEAVE A REPLY)

NEW QUESTION: 163
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 (LEAVE A REPLY)
Explanation/Reference: https://www.tecmint.com/find-listening-ports-linux/

NEW QUESTION: 164
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. wget USER@192.168.3.22:/tmp -f ~/software.rpm
B. scp ~/software.rpm USER@192.168.3.22: /tmp
C. scp ~/software.rpm USER@192.168.3.22:/tmp
D. scp USER@192.168.3.22 ~/software.rpm :/tmp
Answer: (SHOW ANSWER)

NEW QUESTION: 165
A Linux administrator receives the following while attempting to remove a file:

```
[root@localhost]# rm -rf test.txt
rm: cannot remove 'test.txt': Operation not permitted
[root@localhost]# ls -all test.txt
-rw-r--r-- 1 root root 13 Mar 12 10:02 test.txt
```


Which of the following commands will resolve the issue?

A. cattr -i test.txt
B. setfacl -m u:root:x test.txt
C. chmod -0775 test.txt
D. chcon -u system_u test.txt
Answer: (SHOW ANSWER)
Therefore 'chattr -i test.txt' will remove the immutable flag (remember that chattr uses - and + to turn off/on options unlike a normal command option which is only ever preceeded by a -) so that the file can then be deleted by rm.

NEW QUESTION: 166
A networked has been crashing intermittently. A Linux administrator would like to write a shell script that will attempt to ping the server and email an alert if the server fails to respond. The script will later be scheduled via cron job.
Which of the following scripts would BEST accomplish this task?

A

```
SERVER=''192.168.1.50''
RESULT='ping -C 2 $SERVER'
if [ !$RESULT ]; then
      echo "Server is down" | mail -s "Server down" admin@email_address.com
fi
```

B

```
SERVER="192.168.1.50"
ping -c 2 $SERVER >/dev/null 2>/dev/null
if [ $? -ge 1 ]; then
      echo "Server is down" | mail -s "Server down" admin@email_address.com
fi
```

C

```
SERVER="192.168.1.50"
RESULT='ping -c 2 $SERVER >/dev/null 2>/dev/null'
while [ $RESULT != 1 ];
do
      echo "Server is down" | mail -s "Server down" admin@email_address.com
done
```

D

```
SERVER="192.168.1.50"
ping -c 2 $SERVER >/dev/null 2>/tmp/fail.log
if [ -f /tmp/fail/log ]; then
      echo "Server is down" | mail -s "Server down" admin@email_address.com
fi
```

A. Option D
B. Option B
C. Option A
D. Option C
Answer: A (LEAVE A REPLY)

NEW QUESTION: 167
An administrator is uncomfortable allowing users to log in as root. Which of the following ensures that root logins are disallowed?
A. usermod -L root
B. usermod -G root
C. usermod -B root
D. usermod -U root
Answer: B (LEAVE A REPLY)
Explanation/Reference: https://web.mit.edu/rhel-doc/4/RH-DOCS/rhel-sg-en-4/s1-wstation-privileges.html

NEW QUESTION: 168
Find the file named core and remove it from the system.
INSTRUCTIONS
Type "help" to display a list of available commands.
If at any time you would like to bring back the initial state of the simulation, please click the Reset All button.

Answer:

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

NEW QUESTION: 169
A user receives an access_denied error when trying to modify a file, even though the file permissions are set to 777. Which of the following commands should be used to view additional file permissions?
A. getsebool
B. ps -z
C. getenforce
D. ls -z
Answer: D (LEAVE A REPLY)

NEW QUESTION: 170
A user has been locked out of an account due to too many failed password attempts. Which of the following commands will unlock the user's account?
A. pam_tally2 --user=user --reset
B. passwd -u user -G root

C. chage -1 user=user --reset

D. usermod -u user -G root

Answer: A (LEAVE A REPLY)

NEW QUESTION: 171

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

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

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

A. JSON

B. SOAP

C. YAML

D. AJAX

Answer: (SHOW ANSWER)

NEW QUESTION: 172

Users are unable to connect to a server using HTTPS. The administrator runs the following command on the remote system:

```
$ netstat
tcp  0    0    0.0.0.0:80     0.0.0.0:* LISTEN
tcp  0    0    0.0.0.0:443    0.0.0.0:* LISTEN
tcp  0    0    0.0.0.0:22     0.0.0.0:* LISTEN
```

Then, the administrator runs the following command from a local workstation:

```
$ nmap
PORT  STATE
80    open
443   closed
22    open
```

Which of the following steps should the administrator take to address the issue?

A. Update the self-signed certificate

B. Allow port 443 through the firewall

C. Configure the application to run on an active port

D. Start the application to run on port 443

Answer: (SHOW ANSWER)

NEW QUESTION: 173
A Linux administrator 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_net
C. echo "1" > /proc/sys/net/ipv4/ip_forward
D. echo "1" > /proc/sys/net/ipv4/ip_route
Answer: C (LEAVE A REPLY)

NEW QUESTION: 174
A systems administrator is receiving errors while trying to install a popular virtualization software. The software specifications state the processor needs to support virtualization with Intel instructions. Additional requirements state the processor must accelerate encryption/decryption and use hyperthreading. Given the following output about the processor:
fpu ume depse tsu msr pae mce cx8 apic sep mtrr pae mca cmov pat pse36 cflusm mmx fxsr sse sse2 ht syscall nx rdtscp lm constant_tsc rep_good nopl xtopology nonstop_tsc pni pclmulqdq ssse3 cx16 pcid sse4_1 sse4_2 x2apic popcnt aes xsave avx rdrand hypervisor lahf_lm fsgsbase Which of the following is the MOST likely reason for the errors?
A. The processor supports AMD instructions rather than Intel.
B. The processor cannot accelerate decryption.
C. The processor does not support hyperthreading.
D. The processor is running inside a virtual machine.
Answer: C (LEAVE A REPLY)

NEW QUESTION: 175
Which of the following default files are typically used to contain a list of public keys from other computers? (Choose two.)
A. ~/.ssh/authorized_keys
B. ~/.ssh/config
C. ~/.ssh/id_dsa.pub
D. ~/.ssh/known_hosts
E. ~/.ssh/id_rsa
F. ~/.ssh/id_rsa.pub
Answer: A,D (LEAVE A REPLY)
The OpenSSH application keeps track of any previously connected hosts in the ~/.ssh/known_hosts file. This data contains the remote servers' public keys.

NEW QUESTION: 176
A junior systems administrator needs to schedule a backup script named /scripts/backup.sh and make the correct changes to the crontab.
Which of the following crontab entries would run the script every Monday at 2:05 a.m.?
A. 1 * * 5 2 /scripts/backup.sh
B. 2 5 * * 1 /scripts/backup.sh

C. 5 2 * * 1 /scripts/backup.sh
D. 1 * * 2 5 /scripts/backup.sh
E. 5 2 * * 0 /scripts/backup.sh
Answer: C (LEAVE A REPLY)
Reference:
https://tecadmin.net/crontab-in-linux-with-20-examples-of-cron-schedule/

NEW QUESTION: 177
An administrator notices a website hosted on an httpd web server is not loading. Upon further inspection, the administrator learns there are no httpd processes running. When starting the service, the site operates correctly for a few minutes before the process disappears again.
Which of the following should the administrator consider as the MOST likely possibility before troubleshooting the issue?
A. Shared libraries, which were recently updated, are causing compatibility issues and httpd to die due to
B. An external database to which the web server connects is offline, causing httpd to die due to execution errors.
C. The CPU has too much load, causing it to overheat, and the kernel is automatically killing the processes to keep the CPU cool.
D. The server is intermittently losing access to the network, causing socket errors that trigger httpd to die.
E. The out-of-memory killer was activated due to low available memory, causing the kernel to kill the processes automatically.
Answer: E (LEAVE A REPLY)

NEW QUESTION: 178
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: (SHOW ANSWER)
Explanation/Reference:

NEW QUESTION: 179
An administrator needs to change the IP address on a server remotely. After updating the configuration files, a network restart is needed. However, the administrator fears that when the network connection drops, the network restart script will be killed before the new IP address has been set.
Which of the following commands would prevent the script from being killed?
A. bg service network restart
B. echo "service network restart" | at now
C. nohup service network restart

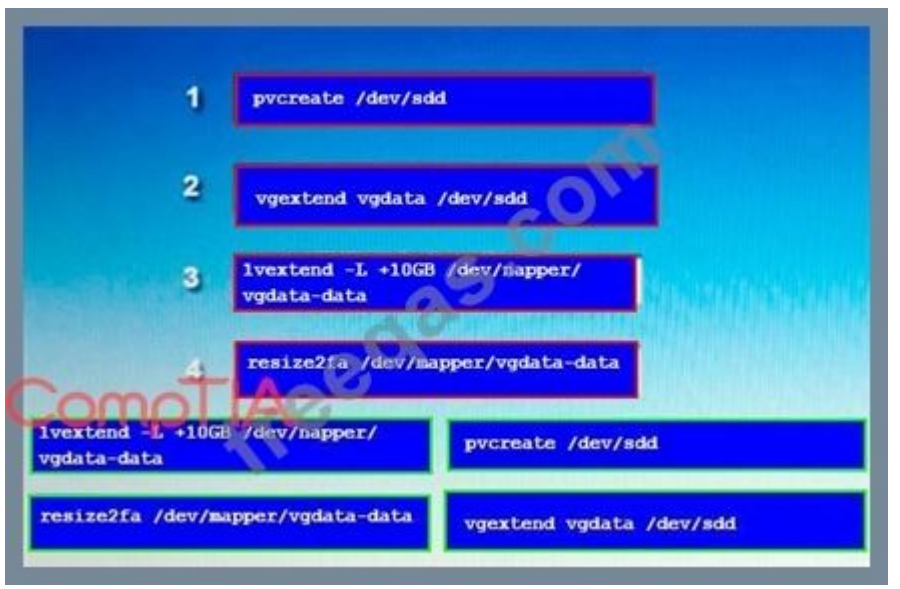
D. service network restart &
Answer: C (LEAVE A REPLY)

NEW QUESTION: 180
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 "modprobe bluetooth" > /etc/modprobe.d/modprbe-bluetooth
B. echo "rmod bluetooth" > /etc/modprobe.d/rmmod-bluetooth
C. echo "blacklist bluetooth" > /etc/modprobe.d/blacklist-bluetooth
D. echo "kill bluetooth" > /etc/modprobe.d/kill-bluetooth
Answer: (SHOW ANSWER)

NEW QUESTION: 181
A user requested a USB serial device to be added to a desktop computer. The device has built-in kernel driver support. The administrator tested the device installation and access, but the user cannot access the serial port.
Each time the user attempts to access the device, an error log is created that shows the user does not have permission to use the serial port.
Which of the following will add a user to the group that has serial port capabilities?
A. usermod -a -G serialport $USER
B. usermod -a -G modem $USER
C. usermod -a -G dialout $USER
D. usermod -a -G root $USER
Answer: (SHOW ANSWER)
Explanation/Reference: https://websistent.com/fix-serial-port-permission-denied-errors-linux/

NEW QUESTION: 182
The lead Linux has added a disk, /dev/sdd, to a VM that is running out of disk space. Place the following steps in the correct order from first (1) to last (4) to add the disk to the existing LVM.

Answer:



NEW QUESTION: 183

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 add 192.168.1.1 default 192.168.1.50 eth0

B. route add -net 192.168.10.0 netmask 255.255.255.0 gw 192.168.2.1 eth0

C. route host gw 192.168.1.1 eth0

D. route del default gw 192.168.2.1 eth0; route add default gw 192.168.1.1 eth0

Answer: B (LEAVE A REPLY)

NEW QUESTION: 184
A systems administrator configured a new kernel module, but it stopped working after reboot. Which of the following will allow the systems administrator to check for module problems during server startup?
A. dmesg
B. modinfo
C. modprobe
D. lsmod
Answer: B (LEAVE A REPLY)

NEW QUESTION: 185
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 (LEAVE A REPLY)
Reference:
https://www.sfu.ca/computing/about/support/tips/remote-to-linux-with-gui.html

NEW QUESTION: 186
A junior systems administrator needs to make a packet capture file that will only capture HTTP protocol data to a file called test.pcap. Which of the following commands would allow the administrator to accomplish this task?
A. netcat -p 80 -w test.pcap
B. tshark -r test.pcap -o http
C. tcpdump -i eth0 port 80 -r test.pcap
D. tcpdump -i eth0 port 80 -w test.pcap
Answer: B (LEAVE A REPLY)
Explanation/Reference:

NEW QUESTION: 187
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 (LEAVE A REPLY)
Explanation/Reference: https://www.linuxtechi.com/disable-reboot-using-ctrl-alt-del-keys/

NEW QUESTION: 188
A junior systems administrator is upgrading a package that was installed on a Red Hat-based system. The administrator is tasked with the following:
Update and install the new package.
Verify the new package version is installed.
Which of the following should be done to BEST accomplish these task? (Choose two.)
A. yum upgrade
B. apt-get upgrade
C. rpm -e <package name>
D. yum install <package name>
E. rpm -qa
F. apt-get <package name>
Answer: (SHOW ANSWER)

NEW QUESTION: 189
A new user has been added to a Linux machine. Which of the following directories would contain the user's default files?
A. /etc/login.defs
B. /etc/passwd
C. /etc/skel
D. /etc/inittab
Answer: C (LEAVE A REPLY)
Explanation/Reference: https://linuxize.com/post/how-to-create-users-in-linux-using-the-useradd-command/

NEW QUESTION: 190
An administrator is trying to optimize a connection to an off-site NFS server.
Which of the following commands would BEST display the problems with packet sizes between hops on the network?
A. tracepath
B. tracert
C. ping
D. nmap
Answer: A (LEAVE A REPLY)

NEW QUESTION: 191
Ann, a user, has created a new directory and noticed that permissions on the new directory are as follows:
drwx------. 1 ann ann 0 Jun 11 08:20 work
Which of the following should the administrator do to restore default permissions for newly created directories?
A. Run chmod command to update permissions.
B. Change umask value in /etc/profile.
C. Execute chattr command to restore default access.
D. Modify directory ownership to ann:ann with chown.
Answer: B (LEAVE A REPLY)

NEW QUESTION: 192
A system administrator needs to bootstrap a series of Ubuntu images for a public provider. The administrator must ensure at the images contain the exact same updates, custom. Configure files after their first and then automatically. Which of the following tools the administrator user?
A. Ansible
B. Cloud-init
C. Docker
D. Anaconda
Answer: C (LEAVE A REPLY)

NEW QUESTION: 193
An administrator wants to be able to access a remote server. After creating an SSH key pair, which of the following describes where the public key should be placed to allow for key-based authentication?
A. -/.ssh/config
B. -/.ssh/known_hosts
C. -/, ssh/authorized_keys
D. -/ssh/id_ras.pub
Answer: C (LEAVE A REPLY)

NEW QUESTION: 194
Which of the following commands would show the default printer on a Linux system?
A. lpq
B. lspci
C. lpstat
D. lpr
Answer: A (LEAVE A REPLY)

NEW QUESTION: 195
A systems administrator is enabling quotas on the /home directory of a Linux server. The administrator makes the appropriate edits to the /etc/fstab file and attempts to issue the commands to enable quotas on the desired directory. However, the administrator receives an error message stating the filesystem does not support quotas.
Which of the following commands should the administrator perform to proceed?
A. quotacheck -cg
B. edquota /home
C. quotaon /home
D. mount -o remount /home
Answer: C (LEAVE A REPLY)

NEW QUESTION: 196
A user attempts to use the mount -a command but gets the following error:

mount: mount point /mnt/test does not exist
Which of the following commands best describes the action the Linux administrator should take NEXT?
A. mount -a /mnt/test
B. mdadm -p /mnt/test
C. touch /mnt/test
D. mkfs /mnt/test
E. mkdir -p /mnt/test
Answer: E (LEAVE A REPLY)

NEW QUESTION: 197
A user receives an access_denied error when trying to modify a file, even though the file permissions are set to 777. Which of the following commands should be used to view additional file permissions?
A. getsebool
B. getenforce
C. ls -z
D. ps -z
Answer: C (LEAVE A REPLY)

NEW QUESTION: 198
Which of the following statements BEST represents what the term "agentless" means regarding orchestration?
A. Installation of a tool is not required on the remote system to perform orchestration tasks
B. It facilitates version control when using infrastructure as code during orchestration
C. It automatically removes malware from the remote system during orchestration
D. A tool can only be accessed remotely to perform orchestration tasks
Answer: A (LEAVE A REPLY)
Reference:
https://whatis.techtarget.com/definition/agentless

NEW QUESTION: 199
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. chown productionto change the ownership of the production_docsdirectory

B. chmod g+S productionto set the GUID on the production_docsdirectory

C. chgrp root production_docs/daysto change the group ownership of the production_docs/ daysfile

D. chmod g+w productionto change the permissions on the daysfile

Answer: A (LEAVE A REPLY)

NEW QUESTION: 200

A Linux administrator is testing a new web application on a local laptop and consistently shows the following 403 errors in the laptop's logs:

```
type=AVC msg=audit(126552035:37232):avc:denied {read} for pid=24941 com=nginx nme="/home/user1" /dev/sda1
ino=2 scontext=unconfined_u:system_r:httpd_t:s0 tcontext=system_u:object_r:httpd_sys_content:s0
```

The web server starts properly, but an error is generated in the audit log. Which of the following settings should be enabled to prevent this audit message?

httpd_can_network_connect = 1

A. httpd_enable_scripting = 1

B. httpd_enable_cgi = 1

C. httpd_enable_homedirs = 1

Answer: (SHOW ANSWER)

NEW QUESTION: 201

A security team informs the Linux administrator that a specific sever is acting as a n pen relay. To which of the following is the security team referring?

A. The server is acting as an unmanaged router, open to the internal and is allowing outside internet traffic into the network with on filtering.

B. The server has an email service configured to allow outside sources to send email to other external parties on the internet without validation.

C. The server it running the SSH service and is open to the internet allowing outside sources to log in to the server without source IP address filtering.

D. The server is acting as a web proxy and allowing outside unauthenticated sources to connect to the server, effectively hiding tie source's IP address for malicious activities.

Answer: (SHOW ANSWER)

NEW QUESTION: 202

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 /usr/localln -s /usr/share/zoneinfo/US/Pacific zoneinfo

B. cd /etcln -s /usr/share/zoneinfo/US/Pacific localtime

C. cd /usr/share/localln -s /usr/share/zoneinfo/US/Pacific localectl

D. cd /etc/localln -s /usr/share/zoneinfo/US/Pacific localtime

Answer: (SHOW ANSWER)

NEW QUESTION: 203
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. ~/.ssh/ssh_config
B. id_rsa.pub
C. known_hosts
D. authorized_keys
Answer: B (LEAVE A REPLY)

NEW QUESTION: 204
Find the file named core and remove it from the system.
INSTRUCTIONS
Type "help" to display a list of available commands.
If at any time you would like to bring back the initial state of the simulation, please click the Reset All button.

A. See below.
Solution as

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

B. See below.
Solution as

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

Answer: (SHOW ANSWER)

Reference:

https://www.cyberciti.biz/faq/linux-unix-how-to-find-and-remove-files/

NEW QUESTION: 205

Which of the following is modified to reconfigure the boot environment?

A. grub2-mkconfig

B. update-grub

C. grub-mkconfig

D. grub.cfg

Answer: (SHOW ANSWER)

NEW QUESTION: 206

A systems administrator is enabling quotas on the /home directory of a Linux server. The administrator makes the appropriate edits to the /etc/fstab file and attempts to issue the commands to enable quotas on the desired directory. However, the administrator receives an error message stating the filesystem does not support quotas. Which of the following commands should the administrator perform to proceed?

A. mount -o remount /home

B. quotacheck -cg

C. edquota /home

D. quotaon /home

Answer: D (LEAVE A REPLY)

Reference:

https://www.tecmint.com/set-filesystem-disk-quotas-on-ubuntu/

NEW QUESTION: 207

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

A.

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

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

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

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

Answer: A (LEAVE A REPLY)

NEW QUESTION: 208

A user attempts to use the mount -a command but gets the following error:

mount: mount point /mnt/test does not exist

Which of the following commands best describes the action the Linux administrator should take NEXT?

A. mount -a /mnt/test

B. mkdir -p /mnt/test

C. mdadm -p /mnt/test

D. mkfs /mnt/test

E. touch /mnt/test

Answer: B (LEAVE A REPLY)

Reference:

https://serverfault.com/questions/751113/mount-point-does-not-exist-despite-creating-it

NEW QUESTION: 209
An administrator receives an alarm because the disk of one of the sewers is running out of space. Which of the following commands can be used to see the space that each partition is using?
A. fsck /
B. df -h
C. fdisk -l
D. du -scg /
Answer: (SHOW ANSWER)

NEW QUESTION: 210
An administrator is troubleshooting to determine why backups are failing on a particular server. The administrator runs the ps command and analyzes the following output.

```
USER  PID    %CPU  %MEM  VSZ   RSS   TTY    STAT  START       TIME  COMMAND
bkup  13443  0.0   0.0   7628  918   pts/2  S+    14:30       0:00  grep --color
bkup  10112  0.0   0.0   0 0   ?? Z  09:22  0:00  backuputil
```

The administrator runs kill -9 10112 yet the process remains.
Which of the following BEST describes the issue and how to fix it?
A. The backup process is using 100% of system resources and needs to be rescheduled with renice.
B. The backup process is out of memory, and more memory needs to be added to the system.
C. The backup process is a zombie process, and the system needs to be rebooted.
D. The backup process is still running and needs to be killed with kill -9 --force 10112.
Answer: C (LEAVE A REPLY)

NEW QUESTION: 211
A Linux administrator is testing a new web application on a local laptop and consistently shows the following 403 errors in the laptop's logs"

```
type=AVC msg=audit(126552035:37232) :avc:denied [read] for pid=24941 com=nginx
nme="/home/user1" /dev/sda1 ino=2 scontext=unconfined_u:system_r:httpd_t:s0
tcontext=sysetm_u:object_r:httpd_sys_content:s0
```

The web server starts properly, but an error is generated in the audit log. Which of the following settings should be enabled to prevent this audit message?
A. httpd_enable_homedirs = 1
B. httpd_enable_cgi = 1
C. httpd_can_network_connect = 1
D. httpd_enable_scripting = 1
Answer: (SHOW ANSWER)

NEW QUESTION: 212
Joe, a system administrator, realizes that the time zone on a system is different than his local time zone. Joe runs the command export Tz-America .Chicago to resolve this. However the next Joe logs in, Joe notices the issue has returned. Which of the following is the BEST way for Joe to fix this issue so the solution persists across logins?
A. Add the export Tz=America/Chicage command to the bash_profile file.
B. Set the correct the zone with the date command.
C. Run the export Tz=/etc/localtime command
D. Run the export LC ALL=America/Chicago command
Answer: (SHOW ANSWER)

NEW QUESTION: 213
A systems administration team has decided to their systems as immutable instances. They keep the desired state of each of their systems in version control and apply automation whenever they provision a new instance. If there is an issue with one of their servers, instead of troubleshooting the issue they terminate the instance and rebuild it using automation.
Which of the following is this an example of?
A. Infrastructure as code
B. Orchestration
C. Agentless deployment
D. Inventory
Answer: A (LEAVE A REPLY)

NEW QUESTION: 214
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 config
C. git merge
D. git clone
Answer: D (LEAVE A REPLY)

NEW QUESTION: 215
A systems administrator is receiving errors while trying to install a popular virtualization software. The software specifications state the processor needs to support virtualization with Intel instructions. Additional requirements state the processor must accelerate encryption/decryption and use hyperthreading. Given the following output about the processor:
fpu ume depse tsu msr pae mce cx8 apic sep mtrr pae mca cmov pat pse36 cflusm mmx
fxsr sse sse2 ht syscall nx rdtscp lm constant_tsc rep_good nopl xtopology
nonstop_tsc pni pclmulqdq ssse3 cx16 pcid sse4_1 sse4_2 x2apic popcnt aes xsave

avx rdrand hypervisor lahf_lm fsgsbase
Which of the following is the MOST likely reason for the errors?
A. The processor supports AMD instructions rather than Intel.
B. The processor cannot accelerate decryption.
C. The processor is running inside a virtual machine.
D. The processor does not support hyperthreading.
Answer: D (LEAVE A REPLY)

NEW QUESTION: 216
A system ran out of storage space on a particular mount and will not allow anything to be written to disk. The df command shows there are 6GB free on the mount, and there is no inode exhaustion. This issue has happened before due to a known large log file that was not being rotated. The administrator remembers the file name but cannot remember the location of the log file or which process is writing to it. Which of the following would be the BEST solution to correct this issue while maintaining availability?
A. Use the du command to find where the large log file is located and delete it
B. Use the lsof command to find where the large log file is located and truncate it
C. Use the ps command to find which process is writing to the log file, and then kill and restart the process
D. Use the locate command to find where the large log file is located and delete it
Answer: C (LEAVE A REPLY)

NEW QUESTION: 217
An administrator has written the following Bash script:

```
/home/user/test.sh

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

All necessary files exist in the correct locations. However, when the administrator executes /home/user/test.sh the following error is received:
No such file or directory
Which of the following is the MOST likely cause of the error?
A. The script is not executable.
B. Nslookup is not installed.
C. The shebang points to the wrong path.
D. The formatting of the file is incorrect.
Answer: C (LEAVE A REPLY)

NEW QUESTION: 218
An administrator is troubleshooting an application that has failed to start after the server was rebooted. Noticing the data volume is not mounted, the administrator attempts to mount it and receives this error:

```
[root@localhost comptia]# mount /dev/datavg/datalv /data
mount: special device /dev/datavg/datalv does not exist
```

Upon checking the logical volume status, the administrator receives this information:

```
[root@localhost comptia]# lvs
 LV VG Attr LSize Pool Origin Data% Meta% Move Log Cpy%Sync Convert
 root centos -wi-ao---- <6.20g
 swap centos -wi-ao---- 820.00m
 datalv datavg -wi------- 500.00m
[root@localhost comptia]#
```

Which of the following can be said about the data logical volume, and how can this problem be resolved?

A. The logical volume is OK but the /dev special files are missing. The administrator should recreate them by running /dev/MAKEDEV.

B. The logical volume is not active. The administrator should make it active with lvchange -ay /dev/ datavg/datalv and then mount it.

C. The logical volume file system has become corrupted. The administrator should repair it with xfs_repair/dev/datavg/datalv and then mount it.

D. The file system is read-only. The administrator should remount it as read-write with the command mount - o remount.rw /data.

Answer: B (LEAVE A REPLY)

NEW QUESTION: 219

An analyst is trying to determine which public IP addresses are managed by Company A, but the script is not working correctly.

```
for ip in $(cat ip-list.txt)
do whois $ip | grep "Company A" > /dev/null
        if [ $? -ne 0 ]
                then echo "$ip"
        fi
done
```

Which of the following explains what is wrong with the script?

A. The -neflag should be changed to -eqin the ifstatement.

B. $(cat ip-list.txt)should be changed to `cat ip-list.txt`in the forstatement.

C. The forshould be changed to whilein the loop.

D. The >should be changed to 2>in the dostatement.

Answer: B (LEAVE A REPLY)

NEW QUESTION: 220

A networked has been crashing intermittently. A Linux administrator would like to write a shell script that will attempt to ping the server and email an alert if the server fails to respond. The script will later be scheduled via cron job.

Which of the following scripts would BEST accomplish this task?

A.
```
SERVER="192.168.1.50"
ping -c 2 $SERVER >/dev/null 2>/tmp/fail.log
if [ -f /tmp/fail/log ]; then
      echo "Server is down" | mail -s "Server down" admin@email_address.com
fi
```

B.
```
SERVER="192.168.1.50"
ping -c 2 $SERVER >/dev/null 2>/dev/null
if [ $? -ge 1 ]; then
      echo "Server is down" | mail -s "Server down" admin@email_address.com
fi
```

C.
```
SERVER=''192.168.1.50''
RESULT='ping -C 2 $SERVER'
if [ !$RESULT ]; then
      echo "Server is down" | mail -s "Server down" admin@email_address.com
fi
```

D.
```
SERVER="192.168.1.50"
RESULT='ping -c 2 $SERVER >/dev/null 2>/dev/null'
while [ $RESULT != 1 ];
do
      echo "Server is down" | mail -s "Server down" admin@email_address.com
done
```

Answer: A (LEAVE A REPLY)

NEW QUESTION: 221
An administrator is configuring a new Linux server and wants to boot the system to a file that was previously downloaded to locally install removable medi
a. Which of the following boot options should the administrator choose?
A. PXE
B. NFS
C. HTTP
D. ISO
Answer: D (LEAVE A REPLY)

NEW QUESTION: 222
Which of the following statements BEST represents what the term "agentless" means regarding orchestration?
A. Installation of a tool is not required on the remote system to perform orchestration tasks

B. It facilitates version control when using infrastructure as code during orchestration
C. It automatically removes malware from the remote system during orchestration
D. A tool can only be accessed remotely to perform orchestration tasks
Answer: A (LEAVE A REPLY)
Explanation/Reference: https://whatis.techtarget.com/definition/agentless

NEW QUESTION: 223
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 (LEAVE A REPLY)
Reference:
https://www.golinuxhub.com/2014/03/how-to-allowblock-ssh-connection-from.html

NEW QUESTION: 224
A junior Linux administrator needs to ensure a service will start on system boot. Which of the following commands should be used to accomplish this task?
A. chkconfig <service> on
B. crontab install <service>
C. service <service> enable
D. systemctl <service> bootup
Answer: A (LEAVE A REPLY)

NEW QUESTION: 225
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 (LEAVE A REPLY)
Reference:
https://access.redhat.com/documentation/en-us/red_hat_enterprise_linux/6/html/installation_guide/sn-automating-installation

NEW QUESTION: 226
When logging in, an administrator must use a temporary six-digit code that is displayed on a key fob.

Which of the following has been implemented?

A. PKI

B. Software token

C. HOTP

D. Biometrics

Answer: C (LEAVE A REPLY)

NEW QUESTION: 227

A new video card was added to a customer workstation. To get the new video card to work correctly, a systems administrator needs to remove support for the nouveau video driver on the Linux workstation.

Which of the following will accomplish this task?

A. Add blacklist nouveau to /etc/modprobe.d/blacklist.conf.

B. Use rmmod -f nouveau.

C. Use modprobe -R nouveau.

D. Add blacklist nouveau to /etc/modprobe.conf.

Answer: B (LEAVE A REPLY)

NEW QUESTION: 228

An administrator is troubleshooting an application that has failed to start after the server was rebooted.

Noticing the data volume is not mounted, the administrator attempts to mount it and receives this error:

```
[root@localhost comptia]# mount /dev/datavg/datalv /data
mount: special device /dev/datavg/datalv does not exist
```

Upon checking the logical volume status, the administrator receives this information:

```
[root@localhost comptia]# lvs
 LV VG Attr LSize Pool Origin Data% Meta% Move Log Cpy%Sync Convert
 root centos -wi-ao---- <6.20g
 swap centos -wi-ao---- 820.00m
 datalv datavg -wi------- 500.00m
[root@localhost comptia]#
```

Which of the following can be said about the data logical volume, and how can this problem be resolved?

A. The file system is read-only. The administrator should remount it as read-write with the command mount - o remount.rw /data.

B. The logical volume file system has become corrupted. The administrator should repair it with xfs_repair/dev/datavg/datalv and then mount it.

C. The logical volume is not active. The administrator should make it active with lvchange -ay /dev/ datavg/datalv and then mount it.
D. The logical volume is OK but the /dev special files are missing. The administrator should recreate them by running /dev/MAKEDEV.
Answer: C (LEAVE A REPLY)

NEW QUESTION: 229
Users are reporting collaborate.company.com is inaccessible from the user VLAN, but there is no issue connecting to the system's web page from the DMZ. Given the following outputs from commands run on the system:

```
2: enp0s3: inet 10.10.2.15/24 user VLAN
3: enpos4: inet 10.20.2.15/24 DMZ

Kernel IP routing table
Destination Gateway     Genmask         Flags   Metric  Ref     Use  Iface
default     10.10.2.2   0.0.0.0         UG      100     0       0    enp0s3
10.10.2.0   *           255.255.255.0   U       100     0       0    enp0s3
10.20.2.0   *           255.255.255.0   U       100     0       0    enp0s4

Non-authoritative answer:
Name: collaborate.company.com
Address: 10.20.2.15

Proto    Recv-Q    Send-Q    Local Address   Foreign Address  State
tcp      0         0         10.20.2.15:80   0.0.0.0:*        LISTEN
tcp      0         0         10.20.2.15:443  0.0.0.0:*        LISTEN
tcp      0         0         127.0.0.1:22    0.0.0.0:*        LISTEN
tcp      0         0         0.0.0.0:53      0.0.0.0:*        LISTEN
tcp      0         0         0.0.0.0:8080    0.0.0.0:*        LISTEN
```

Which of the following explains why users are unable to access the system from the user VLAN, and how can the administrator remediate this issue?
A. Users cannot access the system because the connectivity port is running on the incorrect IP. The remediation for this issue is to edit the configuration file to listen on all interfaces.
B. Users cannot access the system because the IP subnet mask is /24. The remediation for this issue is to set the IP subnet mask to /16.
C. Users cannot access the system because the default gateway has the wrong interface. The remediation for this issue is to set the default gateway to the proper interface.
D. Users cannot access the system because the DNS server has the incorrect IP address. The remediation for this issue is to edit the DNS configuration to point to the correct IP.
Answer: A (LEAVE A REPLY)

NEW QUESTION: 230
A Linux administrator needs to prevent the Postfix mail transfer agent from starting on boot.
Which of the following commands will accomplish this task?
A. systemctl stop postfix.service
B. /etc/init.d/postfix stop
C. systemctl disable postfix.service
D. /etc/init.d/postfix disable

Answer: B (LEAVE A REPLY)
Reference:
https://www.cyberciti.biz/faq/linux-unix-start-stop-restart-postfix/

NEW QUESTION: 231
A systems administrator has received reports of intermittent network connectivity to a particular website. Which of the following is the BEST command to use to characterize the location and type of failure over the course of several minutes?
A. tracert www.comptia.org
B. mtr www.comptia.org
C. ping www.comptia.org
D. netstat www.comptia.org
Answer: A (LEAVE A REPLY)

NEW QUESTION: 232
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
```

A. Option C
B. Option B
C. Option D
D. Option A
Answer: A (LEAVE A REPLY)

NEW QUESTION: 233
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 /tmpdirectory. 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 USER@192.168.3.22 ~/software.rpm :/tmp
C. scp ~/software.rpm USER@192.168.3.22: /tmp
D. wget USER@192.168.3.22:/tmp -f ~/software.rpm
Answer: A (LEAVE A REPLY)

NEW QUESTION: 234
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 (LEAVE A REPLY)
Reference:
https://www.cyberciti.biz/faq/linux-how-to-load-a-kernel-module-automatically-at-boot-time/

NEW QUESTION: 235
An administrator notices a directory on a web server named /var/www/html/old_reports that should no
longer be accessible on the web. Which of the following commands will accomplish this task?
A. chmod 000 /var/www/html/old_reports
B. chgrp root /var/www/html/old_reports
C. chown apache /var/www/html/old_reports
D. setenforce apache /var/www/html/old_reports
Answer: D (LEAVE A REPLY)

NEW QUESTION: 236
A new video card was added to a customer workstation. To get the new video card to work correctly, a systems administrator needs to remove support for the nouveau video driver on the Linux workstation.
Which of the following will accomplish this task?
A. Use rmmod -f nouveau.
B. Add blacklist nouveau to /etc/modprobe.d/blacklist.conf.
C. Add blacklist nouveau to /etc/modprobe.conf.
D. Use modprobe -R nouveau.
Answer: (SHOW ANSWER)

NEW QUESTION: 237
A Linux administrator needs to run a command in the background of a terminal, Which of the following commands will BEST accomplish this task?
A. ./run_application
B. ./run_application $
C. ./run_application +$
D. ./run_application $$ bg
Answer: D (LEAVE A REPLY)

NEW QUESTION: 238
A junior systems administrator is creating a cron job. The cron job requirements are as follows:
* Run the hello.shscript 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 (LEAVE A REPLY)
Explanation/Reference: https://www.debian.org/doc/manuals/system-administrator/ch-sysadmin-time.html

NEW QUESTION: 239
Which of the following BEST describes containers 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 on a Linux system. Cgroups namespaces are functionalities used for the kernel but not for running containers.
C. Containers only need the cgroups functionality for running on a Linux system. Namespaces is not a Linux kernel functionality needed for creating and managing containers.
D. Containers use the cgroups and namespaces functionalities to isolate processes and assign hardware resources to each of those isolated processes.
Answer: D (LEAVE A REPLY)
Explanation/Reference: https://www.linuxjournal.com/content/everything-you-need-know-about-linux-containers-part-ii- working-linux-containers-lxc

NEW QUESTION: 240
A Linux team is using Git to version a set of custom scripts. A team member has made an update to a script
and published the changes to the repository.
Which of the following is the BEST way to retrieve the latest changes to the administrator's local working copy?
A. git merge
B. git fetch

C. git commit

D. git pull

Answer: D (LEAVE A REPLY)

NEW QUESTION: 241

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

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

A. AJAX

B. JSON

C. YAML

D. SOAP

Answer: B (LEAVE A REPLY)

NEW QUESTION: 242

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 renice -p 0 ~n 8481

B. Issue the command renice -n 8481

C. Issue the command renice -p 8481

D. Issue the command ronice -n 0 -p 8481
Answer: (SHOW ANSWER)

NEW QUESTION: 243
A Linux systems administrator is implementing Source Code Management for the web application server configuration files located in /etc/httpd/. Which of the following steps should the administrator perform FIRST?
A. Clone the remote repository using 'git clone'
B. Create a new repository using 'git init'
C. Retrieve the remote changes using 'git commit'
D. Configure the directory for git using 'git config'
Answer: B (LEAVE A REPLY)
git-init - Create an empty Git repository or reinitialize an existing one git-config - Get and set repository or global options

NEW QUESTION: 244
A Linux engineer is troubleshooting a newly added SCSI device for a Linux server that needed more disk space without rebooting. The engineer discovers that the new device is not visible by the Linux kernel in fdisk -l output. Which of the following commands should be used to rescan the entire SCSI bus?
A. echo "- - -" > /sys/class/scsi_host/host0/scan
B. echo ' ' > /sys/class/scsi_host/host0/scan
C. echo "- - -" > /sys/scsi/scsi_host/host0/scan
D. echo "scan" > /sys/class/scsi_host/host0/scan
Answer: A (LEAVE A REPLY)
Explanation/Reference: https://geekpeek.net/rescan-scsi-bus-on-linux-system/

NEW QUESTION: 245
A junior Linux administrator is setting up system-wide configuration settings. The goal is to ensure the PATH environment variable includes the following locations for all users who log into a Linux system.

```
/usr/local/bin
/usr/local/sbin
```

The administrator issues the following commands at the terminal:

```
echo $PATH
cat /etc/profile
```

Respectively, the output of these commands is as follows:

```
/usr/bin:/usr/sbin:/sbin:/bin

# /etc/profile: system-wide .profile file for the Bourne shell (sh(1))
# and Bourne compatible shells (bash(1), ksh(1), ash(1), …).

if [ 'id -u' -eg 0 ]; then
PATH="usr/bin:/usr/sbin:/sbin:/bin"
else
PATH="/usr/local/games"
fi
export PATH
```


Given this output, which of the following would be the BEST action for the administrator to perform to address this issue?

A. Update the /etc/profile file using a text editor navigate to the PATH element, add the missing locations, and restart the bash process to update the changes.

B. Update the /etc/profile file using a text editor, navigate to the PATH element, add the missing locations and run the . /etc/profile command to update the changes.

C. Update the /etc/profile.d file using a text editor, navigate to the PATH element add the missing locations, and run the bash_completion.sh script to update the changes.

D. Update the /etc/profile.d file using a text editor, navigate to the PATH element, add the missing locations, and reboot to update the changes.

Answer: B (LEAVE A REPLY)

NEW QUESTION: 246

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 (LEAVE A REPLY)

NEW QUESTION: 247
A junior administrator needs to unload an older video kernel module.
Which of the following commands would BEST accomplish this task?
A. modprobe
B. insmod
C. rmmod
D. chmod
E. depmod
Answer: (SHOW ANSWER)
Explanation/Reference: https://access.redhat.com/documentation/en-US/Red_Hat_Enterprise_Linux/7/html/Kernel_Administration_Guide/sec-Unloading_a_Module.html

NEW QUESTION: 248
A Linux administrator tried to copy files to a remote server but received an error message indicating a lack of free space on the disk. The administrator issued a df command and verified adequate free space and inodes on the filesystem.
Which of the following commands is the BEST way to diagnose the issue?
A. cat /proc/meminfo
B. lsof -nP | grep deleted
C. du -a / | sort -n -r | head -n 30
D. find / -type f -size +50M
Answer: B (LEAVE A REPLY)

NEW QUESTION: 249
A Linux administrator is testing a new web application on a local laptop and consistently shows the following
403 errors in the laptop's logs"

```
type=AVC msg=audit(126552035:37232) :avc:denied [read] for pid=24941 com=nginx
nme="/home/user1" /dev/sda1 ino=2 scontext=unconfined_u:system_r:httpd_t:s0
tcontext=sysetm_u:object_r:httpd_sys_content:s0
```

The web server starts properly, but an error is generated in the audit log. Which of the following settings should be enabled to prevent this audit message?
A. httpd_can_network_connect = 1
B. httpd_enable_scripting = 1
C. httpd_enable_homedirs = 1
D. httpd_enable_cgi = 1
Answer: A (LEAVE A REPLY)

NEW QUESTION: 250
A Linux administrator needs to switch from text mode to GUI. Which of the following runlevels will start the GUI by default?
A. Runlevel 3
B. Runlevel 4

C. Runlevel 5
D. Runlevel 6
Answer: C (LEAVE A REPLY)
Explanation/Reference: http://www.linfo.org/runlevel_def.html

NEW QUESTION: 251
A systems administrator needs to run the yum update command two hours after employees log off and leave for the day on Friday.
Which of the following is the BEST command to complete the task, if the task only needs to be run once?
A. screen
B. cron
C. at
D. nohup
Answer: D (LEAVE A REPLY)

NEW QUESTION: 252
A systems administrator is implementing disk quotas on /home. During the process, the administrator receives the following error:
Cannot find filesystem to check or filesystem not mounted with user quota option.
Which of the following is the correct order of steps the administrator should follow to resolve this error?
A. 1. Verify if /home has quotas enabled in /etc/fstab and, if not, enable it.
2. Remount /home.
3. Create the quota database files and generate the disk usage table.
4. Assign user quota policies.
B. 1. Create the quota database files and generate the disk usage table.
2. Verify if /home has quotas enabled in /etc/fstab and, if not, enable it.
3. Remount /home.
4. Assign user quota policies.
C. 1. Verify if /home has quotas enabled in /etc/fstab and, if not, enable it.
2. Create the quota database files and generate the disk usage table.
3. Remount /home.
4. Assign user quota policies.
D. 1. Assign user quota policies.
2. Verify if /home has quotas enabled in /etc/fstab and, if not, enable it.
3. Create the quota database files and generate the disk usage table.
4. Remount /home.
Answer: (SHOW ANSWER)
Reference:
25954/

NEW QUESTION: 253

A four-drive Linux NAS has been improperly configured. Each drive has a capacity of 6TB, for a total storage capacity of 24TB. To reconfigure this unit to be not pluggable for drive replacement and provide total storage of 11TB to 12TB, which of the following would be the correct RAID configuration?

A. RAID 03
B. RAID 10
C. RAID 50
D. RAID 01
Answer: (SHOW ANSWER)

NEW QUESTION: 254
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. df, du, rmmod
C. lsof, lvcreate, mdadm
D. fdisk, mkswap, swapon -a
Answer: (SHOW ANSWER)

NEW QUESTION: 255
A junior systems administrator needs to make a packet capture file that will only capture HTTP protocol data to a file called test.pcap. Which of the following commands would allow the administrator to accomplish this task?

A. tcpdump -i eth0 port 80 -w test.pcap
B. tshark -r test.pcap -o http
C. netcat -p 80 -w test.pcap
D. tcpdump -i eth0 port 80 -r test.pcap
Answer: B (LEAVE A REPLY)

NEW QUESTION: 256
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 (LEAVE A REPLY)
Reference:
https://www.tecmint.com/how-to-check-disk-space-in-linux/

NEW QUESTION: 257
An administrator needs to kill the oldest Bash shell running in the system. Which of the following commands should be issued to accomplish this task?
A. ps axjf | grep bash to obtain PID
B. kill -9 PID
ps -eo pid,etime,cmd | grep bash (to obtain PID)
C. kill -9 PID
ps -eo pid,etime| grep bash (to obtain PID)
D. killall -9 PID
killall -15 -o bash
Answer: D (LEAVE A REPLY)
Explanation/Reference: https://phoenixnap.com/kb/how-to-kill-a-process-in-linux

NEW QUESTION: 258
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 -czvf domain.tar.gz /usr/domain
B. tar -cvf /usr/domain domain.tar.gz
C. tar -cxzv /usr/domain domain.tar.gz
D. tar -cv domain.tar.gz /usr/domain
Answer: A (LEAVE A REPLY)

NEW QUESTION: 259
A Linux administrator must identify a user with high disk usage. The administrator runs the # du -s /home/* command and gets the following output:

```
43      /home/User1
2701    /home/User2
133089  /home/User3
3611    /home/User4
```

Based on the output, User3 has the largest amount of disk space used. To clean up the file space, the administrator needs to find out more information about the specific files that are using the most disk space.
Which of the following commands will accomplish this task?
A. df -k /home/User3/files.txt

B. du -a /home/User3/*
C. du -sh /home/User/
D. find . -name /home/User3 -print
Answer: C (LEAVE A REPLY)
Explanation/Reference: https://unix.stackexchange.com/questions/37221/finding-files-that-use-the-most-disk-space

NEW QUESTION: 260
A Linux administrator is setting up a testing environment and needs to connect to a separate testing server using the production server name. The administrator needs to override the hostname that the DNS is returning in order to use the test environment. Which of the following commands should be run on each of the testing systems to BEST meet this goal?
A. # hostnamectl set-hostname "192.168.1.100 production.company.com"
B. # grep -i IP "${ip addr show} production.company.com" > /etc/resolv.conf
C. # ip addr add 192.168.1.100/24 dev eth0 && rndc reload production.company.com
D. # echo "192.168.1.100 production.company.com" >> /etc/hosts
Answer: (SHOW ANSWER)
Reference:
https://access.redhat.com/documentation/en-us/red_hat_enterprise_linux/7/html/networking_guide/sec_configuring_host_names_using_hostnamectl

NEW QUESTION: 261
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 (LEAVE A REPLY)
Explanation/Reference: https://linuxhint.com/list-usb-devices-linux/

NEW QUESTION: 262
When a technician plugs a USB flash drive into a server, the drive does not mount automatically.
Which of the following commands will provide the information needed to mount the drive manually?
A. mount
B. modinfo
C. lspci
D. lshw
Answer: (SHOW ANSWER)

NEW QUESTION: 263
Joe, a user, is unable to log in to the server and contracts the systems administrator to look into the issue. The administrator examines the /etc/passwdfile and discovers the following entry:

joe:x:505:505::/home/joe:/bin/false
Which of the following commands should the administrator execute to resolve the problem?
A. usermod -s /bin/bash joe
B. passwd -u joe
C. useradd -s /bin/bash joe
D. chage -E -1 joe
Answer: A (LEAVE A REPLY)

NEW QUESTION: 264
Which of the following is modified to reconfigure the boot environment?
A. grub-mkconfig
B. grub2-mkconfig
C. grub.cfg
D. update-grub
Answer: (SHOW ANSWER)

NEW QUESTION: 265
A systems administrator needs to connect to a remote Linux machine to run system updates from within a graphical interface. Which of the following should the administrator use?
A. VNC
B. Wayland
C. Unity
D. MATE
Answer: (SHOW ANSWER)

NEW QUESTION: 266
Which of the following boot methods can a Linux administrator use to boot a Linux server remotely via a network interface card instead of a local disk?
A. NFS
B. Kickstart
C. NTP
D. PXE
Answer: D (LEAVE A REPLY)

NEW QUESTION: 267
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 / tmpdirectory, and it has 20GB of free space.
Which of the following BEST describes a possible cause for this error?
A. The /tmpdirectory is not mounted.
B. The filesystem is formatted with a 4MB block size.
C. the filesystem ran out of inodes.

D. The /tmpdirectory has been set with an immutable attribute.

Answer: (SHOW ANSWER)

Explanation/Reference: https://www.maketecheasier.com/fix-linux-no-space-left-on-device-error/

NEW QUESTION: 268

A Linux administrator is testing a new web application on a local laptop and consistently shows the following 403 errors in the laptop's logs"

```
type=AVC msg=audit(126552035:37232) :avc:denied [read] for pid=24941 com=nginx
nme="/home/user1" /dev/sda1 ino=2 scontext=unconfined_u:system_r:httpd_t:s0
tcontext=sysetm_u:object_r:httpd_sys_content:s0
```

The web server starts properly, but an error is generated in the audit log. Which of the following settings should be enabled to prevent this audit message?

A. httpd_can_network_connect = 1

B. httpd_enable_cgi = 1

C. httpd_enable_homedirs = 1

D. httpd_enable_scripting = 1

Answer: A (LEAVE A REPLY)

NEW QUESTION: 269

Which of the following configuration management tools is considered agentless?

A. Chef

B. Ansible

C. Ouppet

D. Salt

Answer: (SHOW ANSWER)

NEW QUESTION: 270

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

INSTRUCTIONS

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

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

A. Solution as

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

B. Solution as

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

Answer: A (LEAVE A REPLY)

Reference:

https://www.cyberciti.biz/faq/linux-unix-how-to-find-and-remove-files/

NEW QUESTION: 271

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 (LEAVE A REPLY)

Reference:

https://vitux.com/7-commands-to-check-swap-space-in-debian-10/

NEW QUESTION: 272
Ann, a Linux administrator, is storing scripts in a private Git repository. Which of the following commands should Ann use to avoid entering the login and password every time Ann commits change?
A. Git init shared-true
B. Echo authe n tapprove ">> .git/config
C. Git config credential.help cache
D. Git credential approve
Answer: B (LEAVE A REPLY)

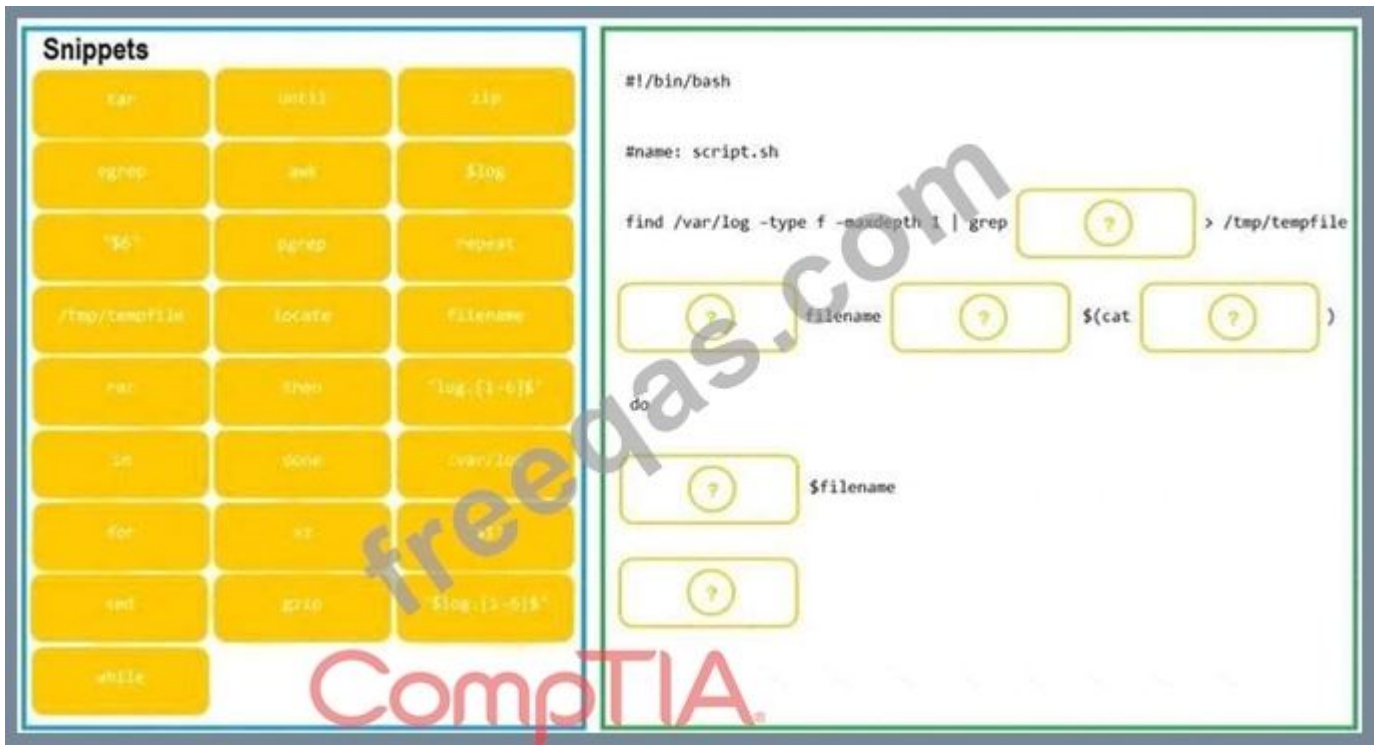
NEW QUESTION: 273
A systems administrator wants to download a package from a remote server. Which of the following are the BEST commands to use for this task? (Choose two.)
A. curl
B. wget
C. make
D. tar
E. zip
F. nc
Answer: (SHOW ANSWER)
Reference:
https://www.linuxtechi.com/nc-ncat-command-examples-linux-systems/
https://www.unifiedremote.com/tutorials/how-to-install-unified-remote-server-deb-via-terminal

NEW QUESTION: 274
An administrator notices the HISTSIZE variable is 50, using the commands below:
HISTSIZE=50
export HISTSIZE
The administrator rechecks the HISTSIZE value using echo HISTSIZE but gets no value. Which of the following commands should the administrator use to retrieve its value?
A. grep $HISTSIZE
B. echo HISTSIZE
C. printf HISTSIZE
D. printenv | grep $HISTSIZE
Answer: B (LEAVE A REPLY)

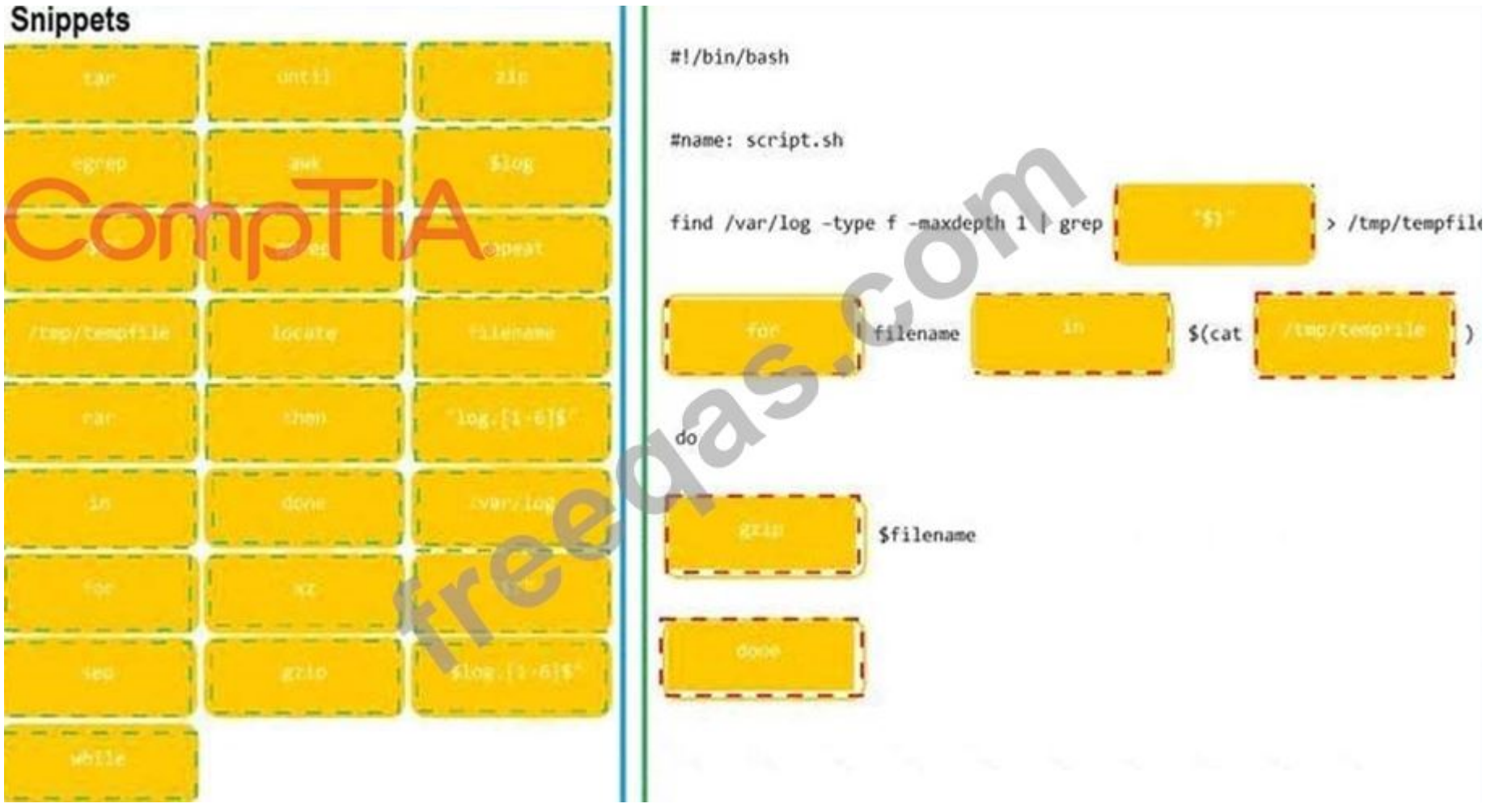
NEW QUESTION: 275
A Linux systems administrator is setting up SSH access with PKI for several using their newly created RSA keys. Which of the following MOST securely achieves this task?
A. Use curl to copy each user's public key file to the respective system
B. Use cp to copy each user's public key file to the respective system
C. Use ssh-copy-id to copy each user's public key file to the respective system
D. Use ssh-copy-id to copy each user's private key file to the respective system
Answer: C (LEAVE A REPLY)
Reference:
https://www.linode.com/docs/security/authentication/use-public-key-authentication-with-ssh/

NEW QUESTION: 276
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?
cd /etc
A. ln -s /usr/share/zoneinfo/US/Pacific localtime
cd /usr/local
B. ln -s /usr/share/zoneinfo/US/Pacific zoneinfo
cd /etc/local
C. ln -s /usr/share/zoneinfo/US/Pacific localtime
cd /usr/share/local
D. ln -s /usr/share/zoneinfo/US/Pacific localectl
Answer: A (LEAVE A REPLY)

NEW QUESTION: 277
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
"$6"
pgrep
repeat
/tmp/tempfile
locate
filename
var
then
"log.[1-6]$"
in
done
/var/log
for
xz
cat
sed
grep
$log.[1-6]$"
while
#!/bin/bash
#name: script.sh
find /var/log -type f -maxdepth 1 | grep
> /tmp/tempfile
filename
$(cat
)
do
$filename

Answer:


Snippets
tar
until
zip
egrep
awk
$log
"$6"
pgrep
repeat
/tmp/tempfile
locate
filename
var
then
"log.[1-6]$"
in
done
/var/log
for
xz
cat
sed
grep
$log.[1-6]$"
while
#!/bin/bash
#name: script.sh
find /var/log -type f -maxdepth 1 | grep
"$6"
> /tmp/tempfile
for
filename
in
$(cat
/tmp/tempfile
)
do
grep
$filename
done

```
#!/bin/bash

#name: script.sh

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

for filename in $(cat /tmp/tempfile )

do

gzip $filename

done
```


NEW QUESTION: 278
A Linux administrator needs to know the MAC address of the server's gateway.
Which of the following commands should the administrator run to obtain this information?
A. arp -a
B. arp -gw
C. arp -gwi
D. arp -gtw
Answer: (SHOW ANSWER)