CompTIA.XK0-004.v2022-04-14.q237

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NEW QUESTION: 1
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: A (LEAVE A REPLY)
Explanation/Reference:
Reference: https://git-scm.com/book/en/v2/Git-Branching-Basic-Branching-and-Merging

NEW QUESTION: 2
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: 3
An administrator has modified the configuration file for a service. The service is still running but is not using the new configured values.
Which of the following will BEST remediate this issue?
A. kill -HUP
B. init 0
C. renice -10
D. service start

Answer: (SHOW ANSWER)

NEW QUESTION: 4

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)

Reference:

https://www.thegeekdiary.com/yum-command-fails-with-another-app-is-currently-holding-the-yum-lock-in-centos-rhel-7/

NEW QUESTION: 5

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 155 ~/shortscript.sh

B. source ./shortscript.sh

C. chmod u+x shortscript.sh

D. chgrp shortscript.sh Joe

Answer: C (LEAVE A REPLY)

NEW QUESTION: 6

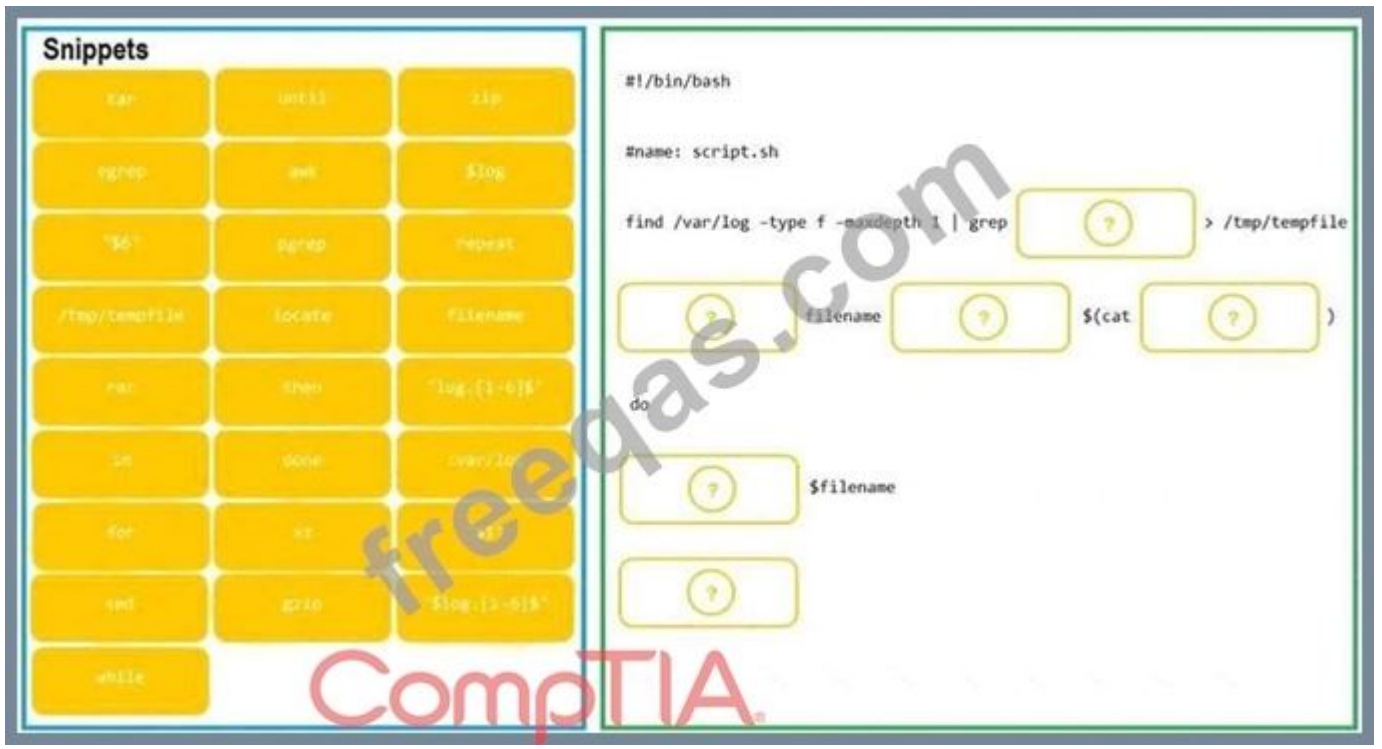
As a Systems Administrator, to reduce disk space, you were tasked to create a shell script that does the following:

Add relevant content to /tmp/script.sh, so that it finds and compresses rotated files in /var/log without recursion.

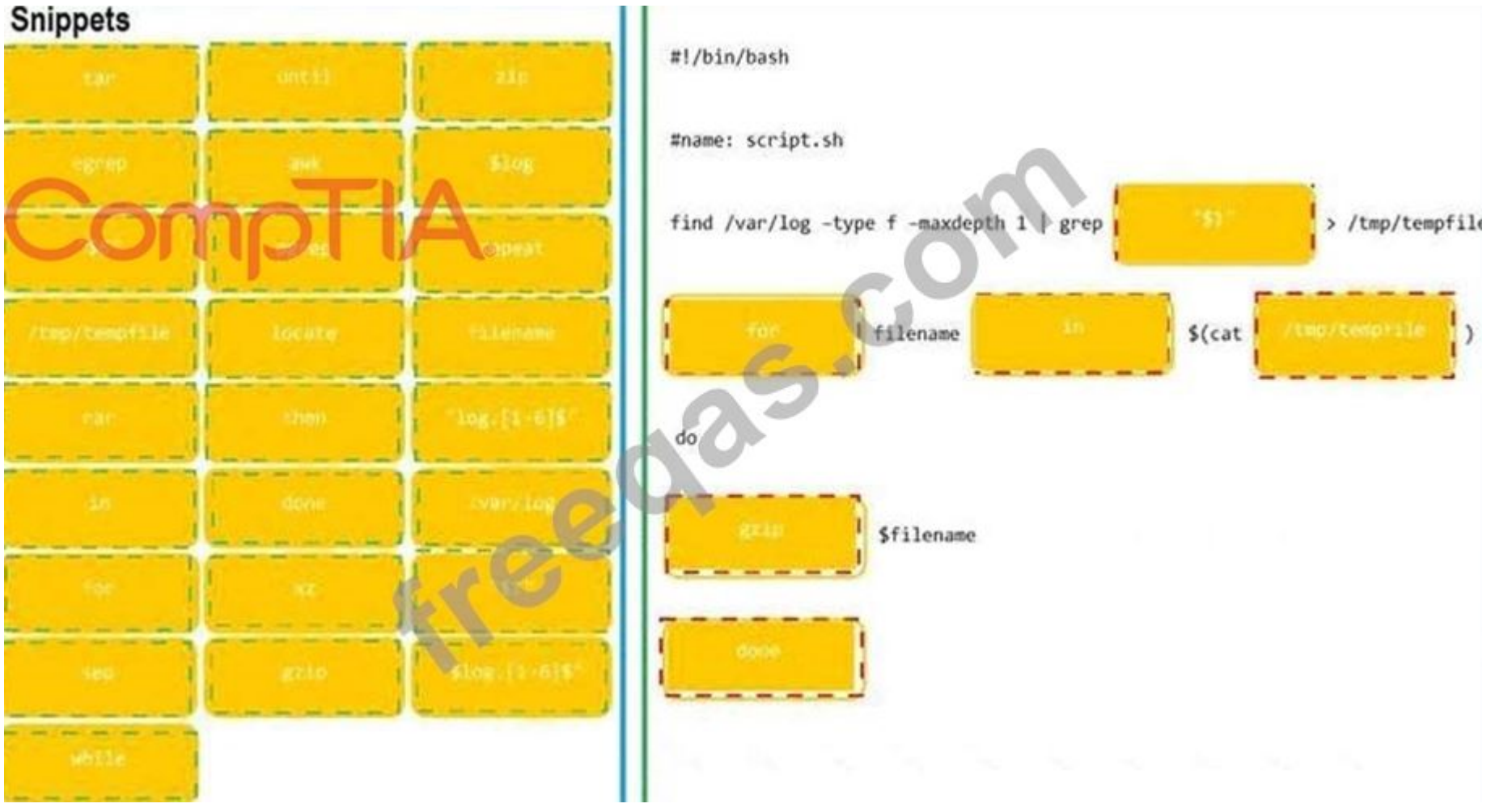
INSTRUCTIONS

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: 7

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 VS2)
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: (SHOW ANSWER)

Explanation/Reference: https://www.thegeekdiary.com/yum-command-fails-with-another-app-is-currently-holding-the-yum- lock-in-centos-rhel-7/

NEW QUESTION: 8
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)
Explanation/Reference: https://www.golinuxhub.com/2014/03/how-to-allowblock-ssh-connection-from.html

NEW QUESTION: 9
A systems administrator has retrieved the latest copy of the system backup files, which had been stored offsite at a third-party vendor. The systems administrator wants to validate that the data was not modified since the backup.
Which of the following would BEST verify that the data remained the same?
A. Perform a MD5 hash on the data.
B. Perform a SCP from the backup.
C. Restore from the last full backup.
D. Perform rsync.
Answer: A (LEAVE A REPLY)

NEW QUESTION: 10
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 install <package name>
B. yum upgrade
C. rpm -e <package name>
D. rpm -qa
E. apt-get <package name>
F. apt-get upgrade
Answer: A,D (LEAVE A REPLY)
Reference:
https://access.redhat.com/documentation/en-us/red_hat_enterprise_linux/6/html/deployment_guide/ch-yum

NEW QUESTION: 11
Which of the following is the BEST reason for not storing database files in the /var directory?
A. Files in /var do not have strict file permissions.
B. If log files fill up /var, it might corrupt the database.

C. The /var filesystem is not fast enough for database files.
D. The number of files in /var is limited by the available inodes.
Answer: (SHOW ANSWER)

NEW QUESTION: 12
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: 13
The following tools help maintain consistency across different systems in an infrastructure:
SUSE Manager
Red Hat Satellite
Spacewalk
If a system file is changed, the tools roll back the file to a predefined configuration.
Which of the following concepts BEST describes this behavior?

A. Agentless system management
B. Infrastructure as code
C. Automated configuration management
D. Build automation
Answer: D (LEAVE A REPLY)

NEW QUESTION: 14
A Linux system is running normally when the systems administrator receives an alert that one application spawned many processes. The application is consuming a lot of memory, and it will soon cause the machine to become unresponsive. Which of the following commands will stop each application process?
A. kill 'pidof application'
B. killall application
C. kill -9 'ps -aux | grep application'
D. pkill -9 application
Answer: B (LEAVE A REPLY)
Explanation/Reference: https://www.tecmint.com/how-to-kill-a-process-in-linux/

NEW QUESTION: 15
A junior systems administrator has generated a PKI certificate for SSH sessions. The administrator would like to configure authentication without passwords to remote systems. Which of the following should the administrator perform?
A. Add the content of id_rsa.pub file to the remote system ~/.ssh/known_hosts location.
B. Add the content of id_rsa file to the remote system ~/.ssh/authorized_keys location.
C. Add the content of id_rsa file to the remote system ~/.ssh/known_hosts location.
D. Add the content of id_rsa.pub file to the remote system ~/.ssh/authorized_keys location.
Answer: D (LEAVE A REPLY)

NEW QUESTION: 16
A junior systems administrator is tasked with providing the network_administratorsgroup the ability to perform sudowithout prompting for a password. Which of the following steps should the administrator perform to accomplish this task? (Choose two.)
A. Add the network_administrators=(ALL) NOEXEC: ALLdirective to the /etc/sudoersfile
B. Use vito edit the /etc/sudofile and add network_administratorsto the "wheel" group
C. Add the network_administrators ALL=(ALL) NOPASSWD: ALLdirective to the /etc/sudoersfile
D. Use visudoto edit the /etc/sudoersfile and add network_administratorsto the "wheel" group
E. Provide all network_administratorswith the "root" account password
Answer: C,E (LEAVE A REPLY)

NEW QUESTION: 17
A Linux systems administrator needs to set permissions on an application with the following parameters:
The owner of the application should be able to read, write, and execute the application.
Members of the group should be able to read and execute the application.
Everyone else should not have access to the application.
Which of the following commands would BEST accomplish these tasks?
A. chmod 760 <application name>
B. chmod 750 <application name>
C. chmod 730 <application name>
D. chmod 710 <application name>
Answer: A (LEAVE A REPLY)

NEW QUESTION: 18
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 95432:localhost postgres@dbserver.local
D. ssh -L 9432:localhost:5432 postgres@dbserver.local
Answer: D (LEAVE A REPLY)
Explanation

NEW QUESTION: 19
The Apache web server was recently installed on a Debian/Ubuntu server. The web server fails and a review of log messages on another partition reveals the installation was not completed properly due to lack of disk space.
After clearing the files, the systems administrator has requested the installation to be performed again.
Which of the following command lines will perform this task? (Choose two.)
A. apt-get install apache2
B. apt-get --purge remove acache2
C. apt-get --reinstall install apache2
D. apt-get --reinstall apache2
Answer: (SHOW ANSWER)
Explanation/Reference: https://askubuntu.com/questions/111770/how-reinstall-apache2

NEW QUESTION: 20
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. netstat www.comptia.org
C. tracert www.comptia.org
D. ping www.comptia.org
Answer: (SHOW ANSWER)

NEW QUESTION: 21
A junior systems administrator has generated a PKI certificate for SSH sessions. The administrator would like to configure authentication without passwords to remote systems. Which of the following should the administrator perform?
A. Add the content of id_rsa.pub file to the remote system ~/.ssh/authorized_keys location.
B. Add the content of id_rsa file to the remote system ~/.ssh/authorized_keys location.
C. Add the content of id_rsa file to the remote system ~/.ssh/known_hosts location.
D. Add the content of id_rsa.pub file to the remote system ~/.ssh/known_hosts location.
Answer: A (LEAVE A REPLY)
Reference:
https://kb.iu.edu/d/aews

NEW QUESTION: 22
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)
Explanation/Reference: https://superuser.com/questions/123576/show-default-linux-printer

NEW QUESTION: 23
Which of the following configuration files should be modified to disable Ctrl+Alt+Del in Linux?
/etc/inittab
A. ~/.bash_profile
B. /etc/securetty
C. /etc/security/limits.conf
Answer: A (LEAVE A REPLY)
Explanation/Reference: https://www.linuxtechi.com/disable-reboot-using-ctrl-alt-del-keys/

NEW QUESTION: 24
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 install <package name>

B. yum upgrade
C. rpm -e <package name>
D. rpm -qa
E. apt-get <package name>
F. apt-get upgrade
Answer: (SHOW ANSWER)
Explanation/Reference: https://access.redhat.com/documentation/en-us/red_hat_enterprise_linux/6/html/ deployment_guide/ch-yum

NEW QUESTION: 25
An administrator receives a warning about a file system filling up, and then identifies a large file located at /tmp/largelogfile. The administrator deletes the file, but no space is recovered on the file system.
Which of the following commands would BEST assists the administrator in identifying the problem?
A. pkill /tmp/largelogfile
B. lsof | grep largelogfile
C. ps -ef | grep largelogfile
D. pgrep largelogfile
Answer: B (LEAVE A REPLY)

NEW QUESTION: 26
A systems administrator needs to conduct maintenance on a server.
Which of the following commands will place the administrator in the appropriate runlevel?
A. init 0
B. telinit 1
C. telinit 6
D. init 3
Answer: (SHOW ANSWER)

NEW QUESTION: 27
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. cdu -scg /
B. fsck /
C. fdisk -l
D. df -h
Answer: D (LEAVE A REPLY)

NEW QUESTION: 28
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 01

B. RAID 03
C. RAID 50
D. RAID 10
Answer: D (LEAVE A REPLY)

NEW QUESTION: 29
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 dump column to 1 and run the mount -a command.
B. Change the filesystem from /dev/sda1 to /dev/sda2 and reboot.
C. Change the mount point to data and reboot.
D. Change the options to auto,dev,sync,rw,nosuid and run the mount -a command.
Answer: D (LEAVE A REPLY)

NEW QUESTION: 30
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 TLS certificate to the authorized_keys and known_hosts files.
B. Modify the cloud provider security rules to allow all connectors form the company's IP address.
C. Add the company's IP address from the /etc/hosts.allow.
D. Turn on SELinux and enable the SSH context.
Answer: (SHOW ANSWER)

NEW QUESTION: 31
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/User/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: 32
An administrator notices that a long-running script, /home/user/script.sh, is taking up a large number of system resources. The administrator does not know the script's function. Which of the following commands should the administrator use to minimize the script's impact on system resources?
A. renice
B. kill
C. bg
D. nohup
Answer: (SHOW ANSWER)
Explanation/Reference:

NEW QUESTION: 33
A technical support engineer receives a ticket from a user who is trying to create a 1KB file in the /tmp directory and is getting the following error No space left on device. The support engineer checks the /tmp directory, and it has 20GB of free space.
Which of the following BEST describes a possible cause for this error?
A. The filesystem is formatted with a 4MB block size.
B. the filesystem ran out of inodes.
C. The /tmp directory has been set with an immutable attribute.
D. The /tmp directory is not mounted.
Answer: B (LEAVE A REPLY)

NEW QUESTION: 34
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 6 network on
B. chkconfig --level 0-6 network on
C. chkconfig --level 12 network on
D. chkconfig --level 345 network on
E. chkconfig --level 0 network on
Answer: (SHOW ANSWER)

NEW QUESTION: 35
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: 36
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: 37
A Linux storage administrator wants to create a logical volume group. Which of the following commands is required to start the process?
A. pvcreate
B. lvcreate
C. vgcreate
D. mkfs.xfs
Answer: (SHOW ANSWER)

NEW QUESTION: 38
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. The path MTU is lower than the source MTU. Reduce the source MTU setting.

B. There is latency on an intermediate router. Increase the path MTU to compensate.

C. There are dropped packets at an intermediate router. Work with the network team to correct the issue.

D. There is latency at the storage device. Work with the storage team to correct the issue.

Answer: A (LEAVE A REPLY)

NEW QUESTION: 39

A user is unable to write data to an NFS datastore at /mnt/storage. A df command indicates 50% free inodes.

Which of the following commands should the user attempt NEXT to diagnose the situation?

A. du -sh /mnt

B. df -h /mnt/storage

C. fdisk -l /mnt/storage

D. df -i /mnt/storage

Answer: C (LEAVE A REPLY)

NEW QUESTION: 40

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 BOOTPROTO to BOOTP and USERCTL to yes.

B. Set BOOTPROTO to NONE and ONBOOT to yes.

C. Set USERCTL to yes and ONBOOT to no.

D. Set NETMASK to 255.255.0.0 and ONBOOT to yes.

Answer: D (LEAVE A REPLY)

Reference:

https://www.tecmint.com/set-add-static-ip-address-in-linux/

NEW QUESTION: 41

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: (SHOW ANSWER)

Reference:

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

NEW QUESTION: 42

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. PXE

B. NTP

C. Kickstart

D. NFS

Answer: A (LEAVE A REPLY)

NEW QUESTION: 43

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)

Reference:

https://www.git-scm.com/book/en/v2/Git-Basics-Undoing-Things

NEW QUESTION: 44

A Linux administrator is configuring a server to log security events for the ping command while allowing the request to occur. The Linux server is using AppArmor to manage its security services.

Which of the following commands is the BEST option?

A. aa-complain /bin/ping

B. aa-enforce /bin/ping

C. aa-unconfined /bin/ping

D. aa-disable /bin/ping

Answer: B (LEAVE A REPLY)

NEW QUESTION: 45
A Linux server needs to be accessed, but the root password is not available.
Which of the following would BEST allow an administrator to regain access and set a new known password at the same time?
A. Boot into a single-user mode and reset the password via the passwdcommand.
B. Boot into a single-user mode and reset the password by editing the /etc/passwdfile.
C. Boot into a single-user mode and reset the password by editing the /etc/shadowfile.
D. Boot into a single-user mode and reset the password via the chagecommand.
Answer: A (LEAVE A REPLY)
Explanation/Reference: https://phoenixnap.com/kb/how-to-change-root-password-linux

NEW QUESTION: 46
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 "rmod bluetooth" > /etc/modprobe.d/rmmod-bluetooth
B. echo "modprobe bluetooth" > /etc/modprobe.d/modprbe-bluetooth
C. echo "kill bluetooth" > /etc/modprobe.d/kill-bluetooth
D. echo "blacklist bluetooth" > /etc/modprobe.d/blacklist-bluetooth
Answer: B (LEAVE A REPLY)

NEW QUESTION: 47
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: 48
Which of the following will provide a list of all flash, external, internal, and SSD drives?
A. lspci
B. lsmod

C. lsblk
D. lsusb
Answer: C (LEAVE A REPLY)
Reference:
https://www.linux.com/learn/intro-to-linux/2017/3/how-format-storage-devices-linux

NEW QUESTION: 49
An engineer is working on a production application deployment that requires changing a web application property file called server.property that is managed by the Git version control system. A cloned copy of the remote repository in which the server.property file exists is on the local desktop computer. The engineer makes appropriate changes to the files, saves it as server.property, and executes git commit -m "changed the property file" server.property. Which of the following commands did the engineer fail to perform?
A. git init server.property
B. git merge server.property
C. git add server.property
D. git push server.property
Answer: (SHOW ANSWER)
Reference:
https://www.earthdatascience.org/workshops/intro-version-control-git/basic-git-commands/

NEW QUESTION: 50
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: 51
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. edquota /home
B. quotaon /home
C. mount -o remount /home
D. quotacheck -cg
Answer: B (LEAVE A REPLY)

NEW QUESTION: 52
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: (SHOW ANSWER)

NEW QUESTION: 53
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/User/files.txt
B. du -a /home/User3/*
C. du -sh /home/User/
D. find . -name /home/User3 -print
Answer: C (LEAVE A REPLY)
Reference:
https://unix.stackexchange.com/questions/37221/finding-files-that-use-the-most-disk-space

NEW QUESTION: 54
Which of the following default files are typically used to contain a list of public keys from other computers?
(Choose two.)
A. ~/.ssh/id_dsa.pub
B. ~/.ssh/id_rsa.pub
C. ~/.ssh/config
D. ~/.ssh/id_rsa
E. ~/.ssh/authorized_keys
F. ~/.ssh/known_hosts
Answer: B,D (LEAVE A REPLY)

NEW QUESTION: 55
A Linux storage administrator wants to create a logical volume group. Which of the following commands is required to start the process?
A. pvcreate
B. vgcreate
C. lvcreate
D. mkfs.xfs
Answer: B (LEAVE A REPLY)
Reference:
https://www.thegeekstuff.com/2010/08/how-to-create-lvm/

NEW QUESTION: 56
Which of the following statements BEST represents what the term "agentless" means regarding orchestration?
A. It facilitates version control when using infrastructure as code during orchestration
B. It automatically removes malware from the remote system during orchestration
C. Installation of a tool is not required on the remote system to perform orchestration tasks
D. A tool can only be accessed remotely to perform orchestration tasks
Answer: (SHOW ANSWER)

NEW QUESTION: 57
A Linux administrator built a GitLab server. Later that day, a software engineer tried to access the server to upload the repository during the final step of installation. The software engineer could not access the website.
Which of the following firewall rules would allow access to this site?
iptables -A INPUT -p tcp -m multiport --dports 80,443 -m conntrack -cstate NEW,
A. ESTABLISHED -j ACCEPT
iptables -A INPUT -p tcp -m multiport --dports 80,443 -m conntrack -cstate
B. ESTABLISHED -j ACCEPT
iptables -A INPUT -p tcp -m multiport --dports 80,443 -m conntrack -cstate
C. RELATED, ESTABLISHED -j ACCEPT
iptables -A INPUT -p tcp -m multiport --dports 80,443 -m conntrack -cstate NEW,
D. ESTABLISHED -j REJECT
Answer: (SHOW ANSWER)
Explanation/Reference: https://serverfault.com/questions/578730/when-using-iptables-firewall-rules-why-assert-new-state- on-all-allowed-ports

NEW QUESTION: 58
A Linux administrator wants to obtain a list of files and subdirectories in the /etc directory that contain the word "services". Once the files and subdirectories are discovered, they should be listed alphabetically in the / var/tmp/foundservicesfile. Which of the following shell scripts will accomplish this task?
#/bin/bash
A. find -name services -sort </var/tmp/foundservices

#/bin/bash
B. find /etc -name services | sort > /var/tmp/foundservices
#/bin/bash
C. locate /etc -sort -name services > /var/tmp/foundservices
#/bin/bash
D. find /etc -name services -sort > /var/tmp/foundservices
Answer: B (LEAVE A REPLY)

NEW QUESTION: 59
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. apt-get <package name>
B. rpm -qa
C. apt-get upgrade
D. yum install <package name>
E. yum upgrade
F. rpm -e <package name>
Answer: (SHOW ANSWER)

NEW QUESTION: 60
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
```

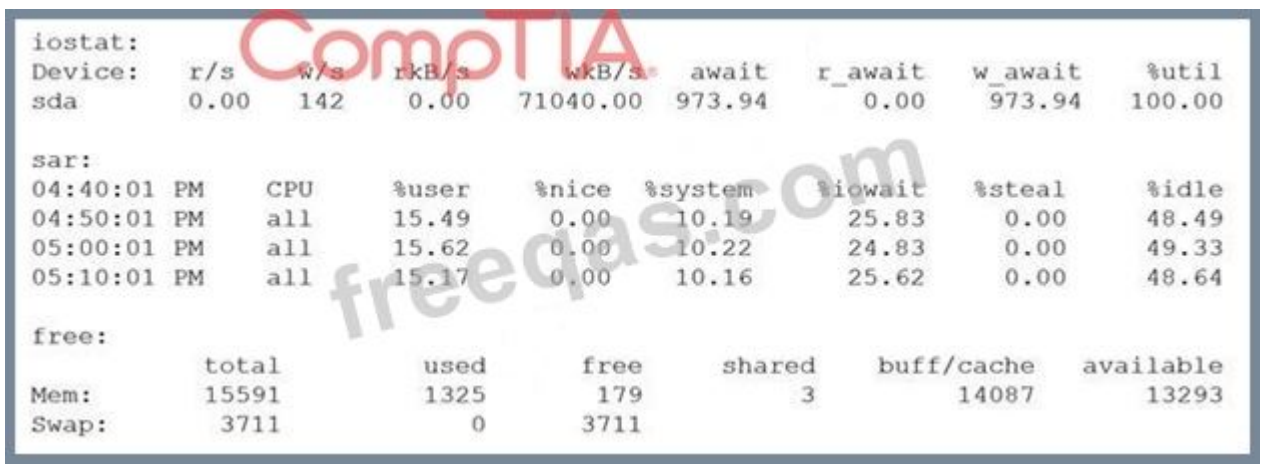
C.
```
SERVER=''192.168.1.50''
RESULT='ping -C 2 $SERVER'
if [ !$RESULT ]; then
      echo "Server is down" | mail -s "Server down" admin@email_address.com
fi
```
D.
```
SERVER="192.168.1.50"
RESULT='ping -c 2 $SERVER >/dev/null 2>/dev/null'
while [ $RESULT != 1 ];
do
      echo "Server is down" | mail -s "Server down" admin@email_address.com
done
```
Answer: A (LEAVE A REPLY)

NEW QUESTION: 61
An administrator notices the HISTSIZEvariable is 50, using the commands below:
HISTSIZE=50
export HISTSIZE
The administrator rechecks the HISTSIZEvalue using echo HISTSIZEbut gets no value. Which of the following commands should the administrator use to retrieve its value?
A. printenv | grep $HISTSIZE
B. echo HISTSIZE
C. printf HISTSIZE
D. grep $HISTSIZE
Answer: B (LEAVE A REPLY)
Explanation/Reference: https://superuser.com/questions/478926/histsize-not-being-set-in-bash

NEW QUESTION: 62
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 -k command and notice the storage exhaustion
D. Run the df -B command and notice the block size
Answer: A (LEAVE A REPLY)

NEW QUESTION: 63
A systems administrator is investigating low performance a server. After executing some diagnostic commands, the administrator analyzes the data:



Which of the following is the cause of low performance on the server?
A. Lack of swap space
B. Lack of available memory
C. High disk activity
D. User processes have taken up all the available CPU time
Answer: D (LEAVE A REPLY)

NEW QUESTION: 64
Which of the following BEST describes the purpose of the X11 system?
A. X11 provides graphical display capabilities
B. X11 provides command line capabilities
C. X11 provides networking capabilities
D. X11 provides telephony capabilities.
Answer: A (LEAVE A REPLY)
Reference:
https://en.wikipedia.org/wiki/X_Window_System

NEW QUESTION: 65
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. fdisk, mkswap, swapon -a
D. df, du, rmmod

Answer: C (LEAVE A REPLY)

NEW QUESTION: 66
A systems administrator wants to disable the Linux Kernel WatchDog Timer Driver for security purposes.
Which of the following will accomplish this task?
A. Rename the /etc/modprobe.d/watchdog file to watchdog.off instead.
B. Add blacklist watchdog to the /etc/modprobe.d/blacklist file.
C. Remove the watchdog=1 from the /usr/modules/watchdog.conf file.
D. Add watchdog=0 to the /etc/modprobe.conf file.
Answer: B (LEAVE A REPLY)

NEW QUESTION: 67
A Linux administrator implemented a new HTTP server using the default configuration. None of the users on the network can access the server. If there is no problem on the network or with the users' workstations, which of the following steps will BEST analyze and resolve the issue?
A. Run route to ensure the port is correctly bound, and configure the firewall to allow access on ports 80 and 443
B. Run netstat to ensure the port is correctly bound, and configure the firewall to allow access on ports 80 and 443
C. Run netcat to ensure the port is correctly bound, and configure a static route to the web to allow access on ports 80 and 443
D. Run route to ensure the port is correctly bound, and configure SELinux to allow access on ports 80 and
443
Answer: C (LEAVE A REPLY)

NEW QUESTION: 68
A Linux systems administrator needs to copy the contents of a directory named "working" on the local working system to a folder /var/www/html on 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)
Reference:
https://unix.stackexchange.com/questions/232946/how-to-copy-all-files-from-a-directory-to-a-remote-directory-using-scp

NEW QUESTION: 69
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. lsmod
B. modprobe
C. modinfo
D. dmesg

Answer: C (LEAVE A REPLY)
Explanation/Reference: https://access.redhat.com/documentation/en-us/red_hat_enterprise_linux/6/html/deployment_guide/ sec-displaying_information_about_a_module

NEW QUESTION: 70
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)

NEW QUESTION: 71
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. chcon httpd_sys_content_t /var/
B. echo SELINUX=PERMISSIVE >> /etc/sysconfig/selinux
C. sestatus 0
D. setenforce 0
Answer: D (LEAVE A REPLY)

NEW QUESTION: 72
A user issues the following command:
ls -l /var/log | egrep -e '^d[rwx]{3}.*[rw-]{3}.*'
The list of files in the system is shown below:

```
ls -l /var/log/
total 1156
-rw-r--r-- 1 root root 2877 Apr 24 14:14 alternatives.log
drwxr-xr-x 2 root root 4096 Apr 24 08:36 apt
-rw-r----- 1 syslog adm 37910 Jun 12 15:22 auth.log
-rw------- 1 root utmp 0 Apr 24 08:19 btmp
-rw-r--r-- 1 syslog adm 246139 Jun 12 15:21 cloud-init.log
-rw-r--r-- 1 root root 8872 Jun 12 15:21 cloud-init-output.log
drwxr-xr-x 2 root root 4096 Apr 9 14:25 dist-upgrade
-rw-r--r-- 1 root root 21326 Apr 24 14:14 dpkg.log
drwxr-xr-x 2 root root 4096 Apr 24 08:16 fsck
-rw-r----- 1 syslog adm 152618 Jun 12 15:21 kern.log
-rw-rw-r-- 1 root utmp 292876 Jun 12 15:21 lastlog
drwxr-xr-x 2 root root 4096 Dec 7 2017 lxd
-rw-r----- 1 syslog adm 388374 Jun 12 15:24 syslog
drwxr-x--- 2 root adm 4096 Apr 25 14:41 unattended-upgrades
drwxr-x--- 2 root adm 4096 Apr 25 15:41 attended-upgrades
-rw-r--r-- 1 root root 1 Apr 24 14:15 vboxadd-install.log
-rw-r--r-- 1 root root 255511 Apr 24 14:15 vboxadd-setup.log
-rw-rw-r-- 1 root utmp 10368 Jun 12 15:21 wtmp
```

Which of the following results matches the command issued?

A. drwxr-xr-x 2 root root 4096 Apr 24 08:36 apt
drwxr-xr-x 2 root root 4096 Apr 9 14:25 dist-upgrade
drwxr-x--- 2 root adm 4096 Apr 25 14:41 unattended-upgrades

B. drwxr-x--- 2 root adm 4096 Apr 25 14:41 unattended-upgrades
drwxr-x--- 2 root adm 4096 Apr 25 15:41 attended-upgrades

C. drwxr-xr-x 2 root root 4096 Apr 24 08:36 apt
drwxr-xr-x 2 root root 4096 Apr 9 14:25 dist-upgrade
drwxr-x--- 2 root adm 4096 Apr 25 15:41 attended-upgrades

D. -rw-r--r-- 1 root root 2877 Apr 24 14:14 alternatives.log
-rw-r--r-- 1 syslog adm 246139 Jun 12 15:21 cloud-init.log
-rw-r--r-- 1 root root 8872 Jun 12 15:21 cloud-init-output.log

Answer: D (LEAVE A REPLY)

NEW QUESTION: 73

A junior systems administrator is diagnosing an issue with latency. The administrator issues the command mtr www.comptia.orgat a terminal and receives the following output:

	Packets		Pings				
Host	Loss %	Sent	Last	Avg	Best	Worst	StDev
1. 10.0.5.2	3 %	345	0.6	0.7	0.3	19.6	1.2
2. 192.168.0.1	30 %	345	0.6	45	0.1	0.2	0.04
3. 216.239.14.33	100 %	0	0	0	0	0	0

Given this scenario and the output, which of the following should be reported to the network team for investigation? (Choose two.)

A. Host 1 is set to filter ICMP echo packets.

B. Host 3 is set to filter ICMP echo packets.

C. Host 2 is experiencing low bandwidth, indicating the ISP is blocking traffic.
D. Host 3 is set to filter ICMP reply packets.
E. Host 1 is set to filter ICMP reply packets.
F. Host 2 is experiencing high packet loss, indicating the link is overloaded.
Answer: B,F (LEAVE A REPLY)

NEW QUESTION: 74
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. YAML
B. SOAP
C. AJAX
D. JSON
Answer: D (LEAVE A REPLY)

NEW QUESTION: 75
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: 76
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. An external database to which the web server connects is offline, causing httpd to die due to execution errors.
B. Shared libraries, which were recently updated, are causing compatibility issues and httpd to die due to
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: 77
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/kern.log
B. /var/log/monitor
C. /var/log/audit/audit.log
D. /etc/rsyslog.conf
Answer: D (LEAVE A REPLY)

NEW QUESTION: 78
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. usermod -u user -G root
D. chage -1 user=user --reset
Answer: A (LEAVE A REPLY)
Reference:
https://www.tecmint.com/use-pam_tally2-to-lock-and-unlock-ssh-failed-login-attempts/

NEW QUESTION: 79
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. modprobe -r bluetooth
B. depmod -i bluetooth
C. lsmod -i bluetooth

D. insmod bluetooth
Answer: A (LEAVE A REPLY)

NEW QUESTION: 80
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. Edit /etc/sysctl.conf file and add net.ipv4.ip_forward = 1 then run sysctl -p /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. sysctl -w net.ipv4.ip_forward=1 then run sysctl -w /etc/sysctl.conf to enable the change
Answer: C (LEAVE A REPLY)

NEW QUESTION: 81
A file server is sharing a directory called /share between team members inside a company. The fileshare needs to be moved from serverA to /newshare located on serverB with all permissions and attributes preserved. Which of the following commands would BEST achieve this task?
A. dd if=/share/* of=serverB:/newshare

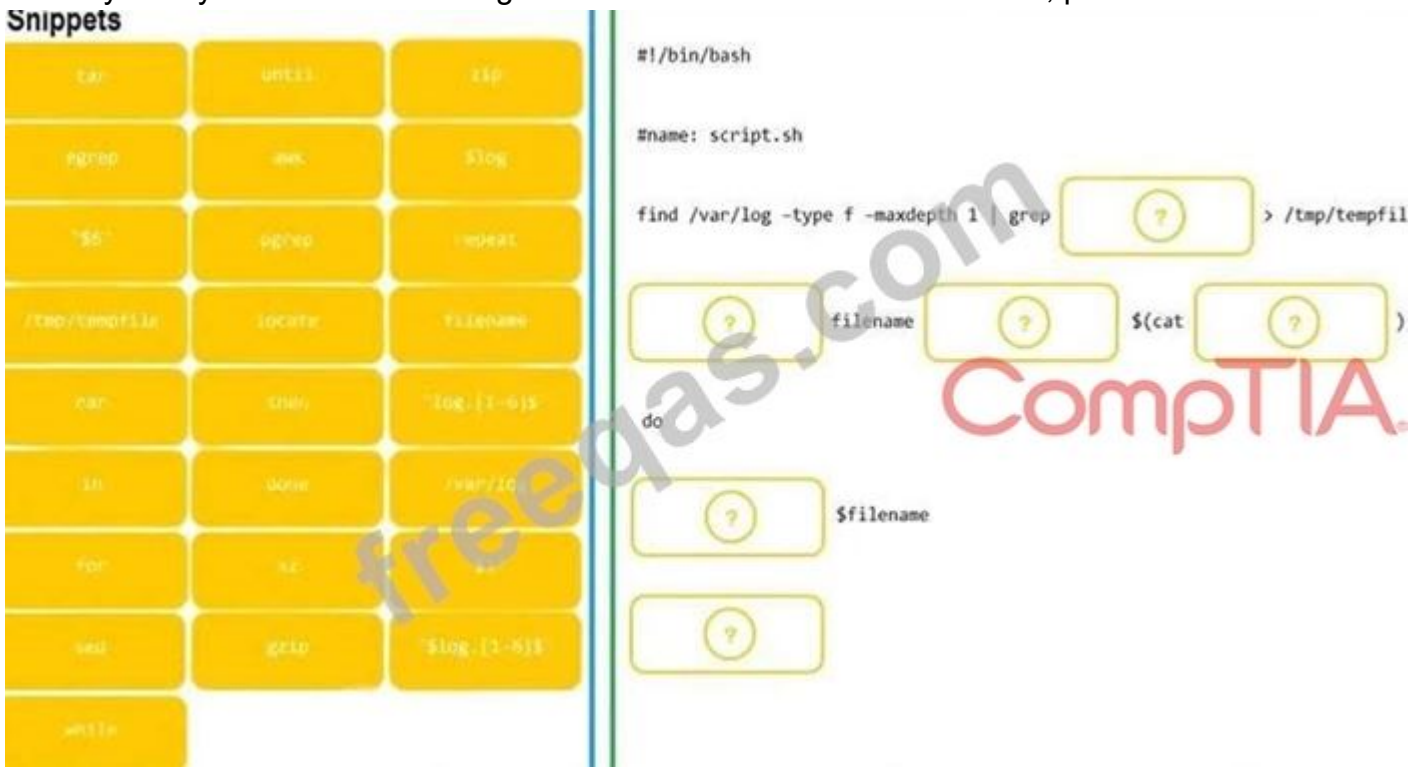
B. rsync -aHAX /share/* serverB:/newshare
C. tar -cvf /share/* serverB:/newshare
D. mirrorlv /share/* serverB:/newshare
Answer: (SHOW ANSWER)

NEW QUESTION: 82
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.

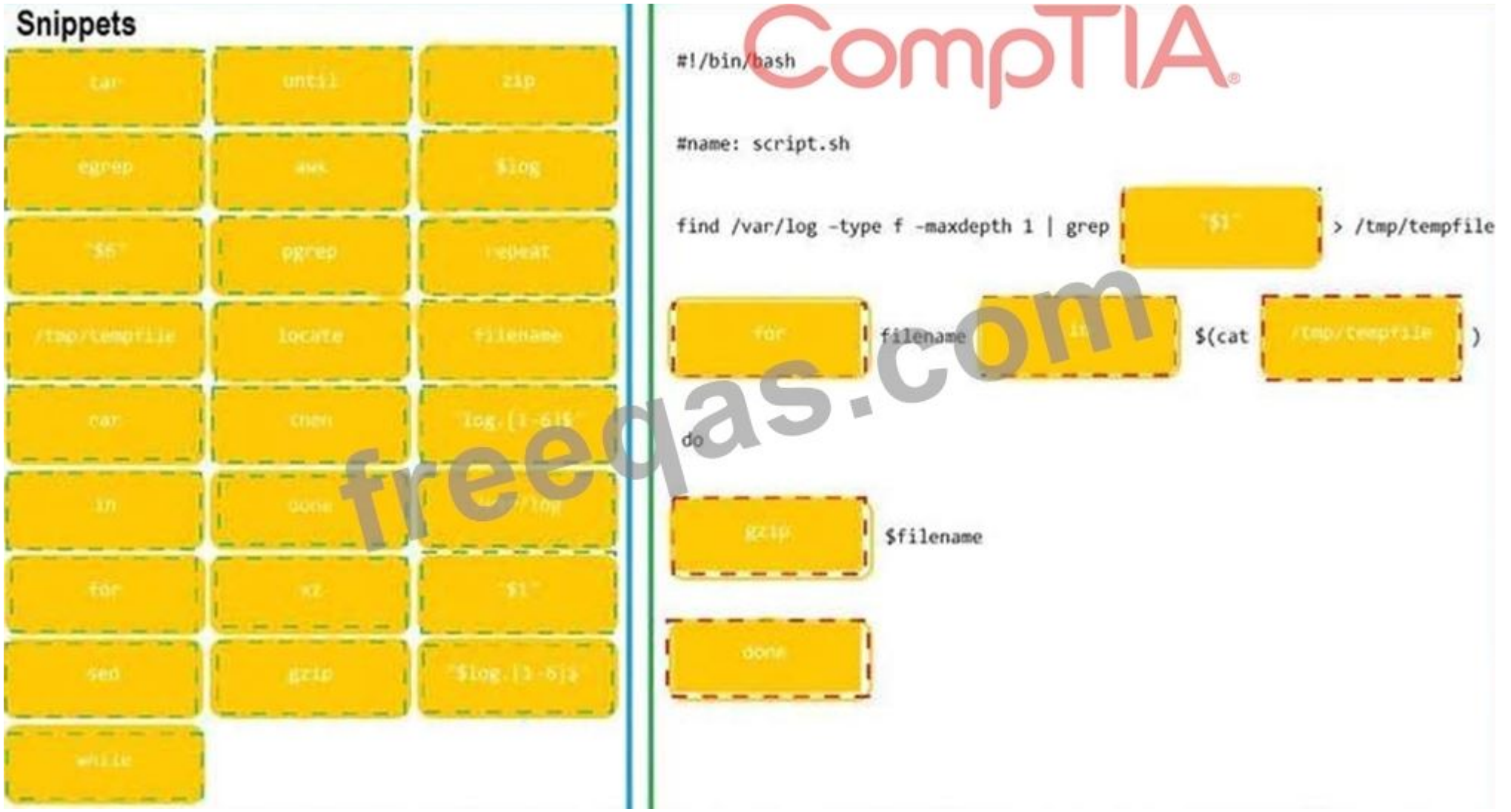
```
USER   PID    %CPU  %MEM  VSZ   RSS   TTY    STAT  START       TIME  COMMAND
bkup   13443  0.0   0.0   7628  918   pts/2  S+    14:30       0:00  grep --color
bkup   10112  0.0   0.0   0 0   ?? Z  09:22  0:00  backuputil
```

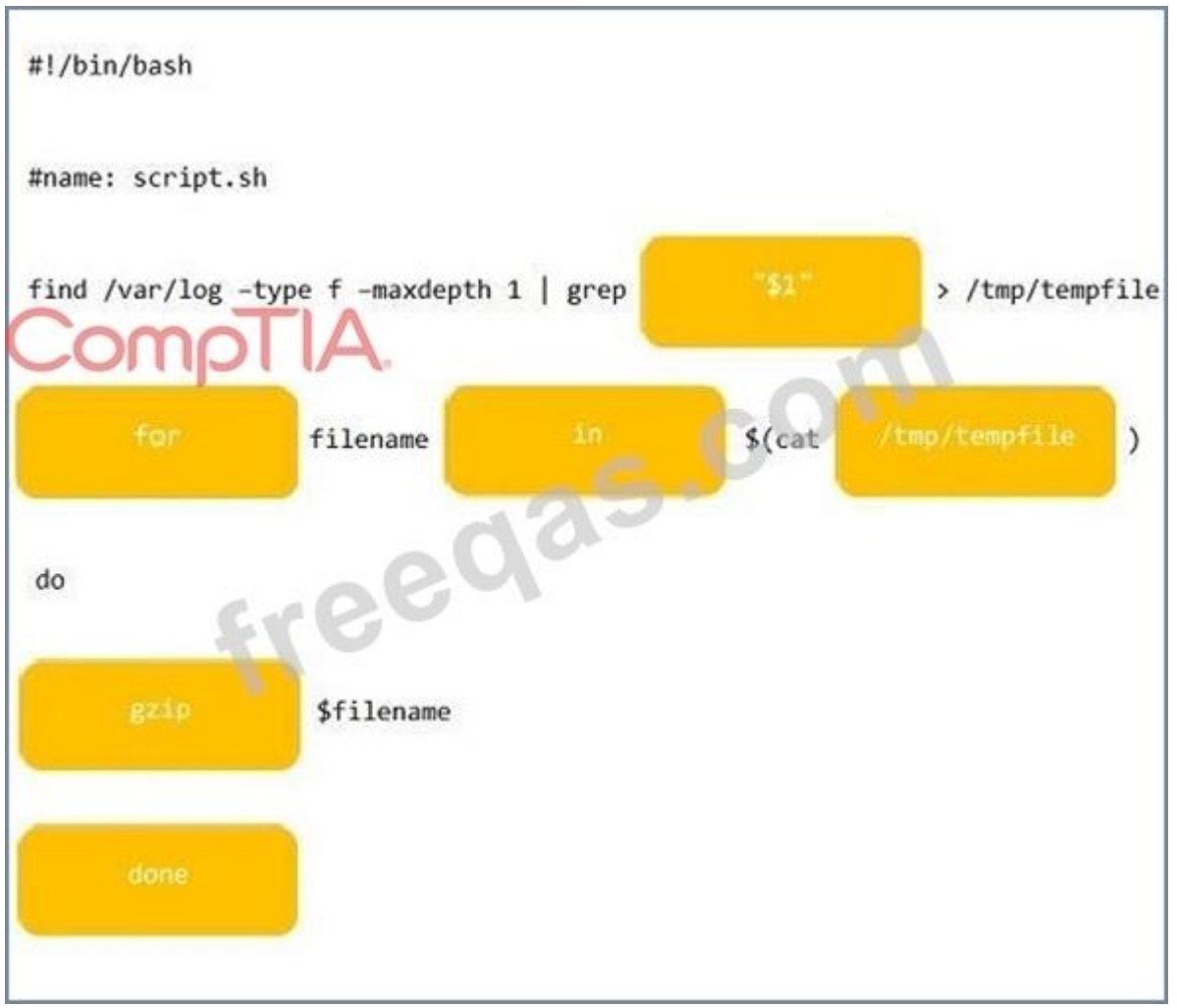
The administrator runs kill -9 10112 yet the process remains.
Which of the following BEST describes the issue and how to fix it?
A. The backup process is using 100% of system resources and needs to be rescheduled with renice.
B. The backup process is out of memory, and more memory needs to be added to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

NEW QUESTION: 83
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: 84
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: 85
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. Attributes
B. Procedures
C. Configuration management
D. Infrastructure as code

Answer: B (LEAVE A REPLY)

NEW QUESTION: 86
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. Start the application to run on port 443
B. Configure the application to run on an active port
C. Allow port 443 through the firewall
D. Update the self-signed certificate
Answer: C (LEAVE A REPLY)

NEW QUESTION: 87
A Linux administrator wants to obtain a list of files and subdirectories in the /etc directory that contain the word "services". Once the files and subdirectories are discovered, they should be listed alphabetically in the / var/tmp/foundservicesfile. Which of the following shell scripts will accomplish this task?
#/bin/bash
A. find /etc -name services | sort > /var/tmp/foundservices
#/bin/bash
B. locate /etc -sort -name services > /var/tmp/foundservices
#/bin/bash
C. find /etc -name services -sort > /var/tmp/foundservices
D. find -name services -sort </var/tmp/foundservices
#/bin/bash
Answer: B (LEAVE A REPLY)

NEW QUESTION: 88
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)
Reference:
https://www.computerhope.com/unix/uumask.htm

NEW QUESTION: 89
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 -acommand:

```
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 -Lcommand:

```
Chain INPUT (policy ACCEPT)
target     prot opt source               destination
ACCEPT     tcp  --  anywhere             anywhere            tcp dpt:webcache

Chain FORWARD (policy ACCEPT)

target     prot opt source               destination
ACCEPT     tcp  --  anywhere             anywhere            dpt:webcache

Chain OUTPUT (policy ACCEPT)

target     prot opt source               destination
```

Output of netstat -nltop | grep "8080":

```
tcp   0.0.0.0:8080    0.0.0.0*    Listen    12801/httpd
```

Which of the following is the NEXT step the administrator should perform to permanently fix the issue at the kernel level?
A. Edit /etc/sysctl.conffile and add net.ipv4.ip_forward = 1then run sysctl -p /etc/ sysctl.confto enable the change
B. Add iptables rule iptables -A INPUT -m state --state NEW -p tcp --dport 8080 -jthen restart httpddaemon
C. sysctl -w net.ipv4.ip_forward=1then run sysctl -w /etc/sysctl.confto enable the change

D. Add iptables rule iptables -A FORWARD-m state --state NEW -p tcp --dport 8080 -j ACCEPTthen restart httpddaemon
Answer: (SHOW ANSWER)

NEW QUESTION: 90
A junior Linux administrator is updating local name resolution to support IPv6. The administrator issues the command cat /etc/hostsand receives the following output:
127.0.0.1 localhost
Which of the following actions should the administrator perform to accomplish this task?
A. Modify the /etc/hostsfile, and add the ipv6 localhostentry to the file.
B. Modify the /etc/hostsfile, and add the ::1 localhostentry to the file.
C. Modify the /etc/hostsfile, and add the ipv4 localhostentry to the file.
D. Modify the /etc/hostsfile, and add the 0.0.0.0 localhostentry to the file.
Answer: (SHOW ANSWER)
Explanation/Reference:

NEW QUESTION: 91
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 0-6 network on
C. chkconfig --level 345 network on
D. chkconfig --level 12 network on
E. chkconfig --level 6 network on
Answer: (SHOW ANSWER)

NEW QUESTION: 92
Joe, a user, reports that he is no longer able to write files to his home directory. Upon inspection, the Linux administrator discovers that attempting to create a new file gives the following error: No space left on device. However, the disk and partition are not full. Which of the following commands would be BEST for the administrator to use to continue troubleshooting this problem?
A. rm -Rf ~/.*
B. fsck -y /dev/sda1
C. df -i

D. fdisk /dev/sda
Answer: C (LEAVE A REPLY)
Reference:
https://www.linuxtechi.com/11-df-command-examples-in-linux/

NEW QUESTION: 93
Which of the following configuration management tools is considered agentless?
A. Ouppet
B. Salt
C. Ansible
D. Chef
Answer: C (LEAVE A REPLY)
Reference:
https://www.intigua.com/blog/puppet-vs.-chef-vs.-ansible-vs.-saltstack

NEW QUESTION: 94
An administrator is reviewing updates in the master online Git repository and notices a file named .htaccess.
The file contains passwords and should only be in the administrator's local repository, not the online one.
Which of the following would prevent this file from appearing online in the future?
A. chown nobody:nodoby .htaccess
B. git commit -m "File Update" -x .htaccess
C. echo ".htaccess" >> .gitignore
D. sed -i 's/#Preserve Hidden=True/Preserve Hidden=True/g' .git/config
Answer: C (LEAVE A REPLY)

NEW QUESTION: 95
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: (SHOW ANSWER)
Reference:
https://www.golinuxhub.com/2014/03/how-to-allowblock-ssh-connection-from.html

NEW QUESTION: 96
A Linux administrator receives a call from the network operations team that one of the database applications is down on a Linux server. The Linux server is configured with RAID 1 for redundancy, and the array /dev/md0 consists of two devices called /dev/sda1and /dev/sdb1. After

looking at the status of the RAID 1 array in the /proc/mdstatfile, the administrator discovers the RAID 1 array is degraded and the disk /dev/sdb1on which the database application was installed appears to have failed.

```
cat /proc/mdstat

Personalities : [linear] [multipath] [raid1]
md0 : active raid1 sda1[0] sdb1[2]
      233456177 blocks [2/1] [U ]
```

Which of the following steps should the administrator take to remove the device /dev/sdb1from the RAID array md0? (Choose two.)

A. racadm --remove /dev/sdb1

B. mdadm /dev/sdb1 --fail /dev/md0

C. mdadm /dev/md0 --remove /dev/sdb1

D. mdadm /dev/sdb1 --remove /dev/md0

E. mdadm /dev/md0 --fail /dev/sdb1

F. racadm --fail /dev/sdb1

Answer: (SHOW ANSWER)

NEW QUESTION: 97

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

B. cd /usr/localln -s /usr/share/zoneinfo/US/Pacific zoneinfo

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

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

Answer: C (LEAVE A REPLY)

NEW QUESTION: 98

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 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 file system is read-only. The administrator should remount it as read-write with the command mount - o remount.rw /data.
Answer: C (LEAVE A REPLY)

NEW QUESTION: 99
An administrator needs to deploy 100 identical CentOS workstations via PXE boot. Which of the following should the administrator use to minimize the amount of interaction with the consoles needed?
A. Ubiquity script
B. Ghost image on a distribution server
C. Hard disk duplicator
D. Kickstart script
E. Hard disk duplicator
Answer: D (LEAVE A REPLY)

NEW QUESTION: 100
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. ping www.comptia.org
B. mtr www.comptia.org
C. tracert www.comptia.org
D. netstat www.comptia.org
Answer: (SHOW ANSWER)

NEW QUESTION: 101
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. insmod /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. rmmod /lib/modules/3.6.12-100-generic/kernel/drivers/usb/storage/usb-storage.ko
Answer: A (LEAVE A REPLY)

NEW QUESTION: 102
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. setenforce 0

C. setfacl -m m:rw /etc/yum.conf

D. chattr -I /etc/yum.conf

Answer: A (LEAVE A REPLY)

NEW QUESTION: 103

A systems administrator suspects a process with a PID of 2864 is consuming resources at an alarming rate.

The administrator uses the command renice -n -5 -p2864, but it does not solve the issue. Which of the following commands should the administrator execute to correct the issue?

A. nice -n 5 -p 2864

B. nice -n -5 -p 2864

C. renice -n 10 -p 2864

D. renice -n -10 -p 2864

Answer: D (LEAVE A REPLY)

Explanation/Reference:

NEW QUESTION: 104

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. 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: 105
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: (SHOW ANSWER)
Reference:
http://www.linfo.org/runlevel_def.html

NEW QUESTION: 106
A Linux administrator needs every new file created on a directory to maintain the group permissions of the same directory. Which of the following commands would satisfy this requirement?
A. chmod o+s <directory>
B. chmod u+s <directory>
C. chmod +s <directory>
D. chmod g+s <directory>
Answer: D (LEAVE A REPLY)
Explanation/Reference: https://unix.stackexchange.com/questions/115631/getting-new-files-to-inherit-group-permissions- on-linux

NEW QUESTION: 107
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. strace -u joe ann
C. renice 11 -u joe ann
D. nohup -u joe ann
Answer: C (LEAVE A REPLY)

NEW QUESTION: 108
An administrator is logged into a server remotely and wants to determine if the system is a VM. Which of the following commands would assist with this?
A. dmesg
B. ps
C. top
D. vmstat
Answer: D (LEAVE A REPLY)
Reference:
https://ostechnix.com/check-linux-system-physical-virtual-machine/

NEW QUESTION: 109
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. Recompile the Linux kernel to support the installation.
C. Reconfigure lib modules to support the new application.
D. Install the application, as the system meets the application requirements
Answer: D (LEAVE A REPLY)

NEW QUESTION: 110
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 still running and needs to be killed with kill -9 --force 10112.
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 using 100% of system resources and needs to be rescheduled with renice.
Answer: C (LEAVE A REPLY)

NEW QUESTION: 111
A systems administrator wants to verify the DNS information of a system that is in production.
Which of the following will provide this information?
A. dig -x 10.10.20.21 @10.10.1.10
B. whois -r -h 10.10.1.10 10.10.20.21
C. nmap -R 10.10.20.21 10.10.1.10
D. route 10.10.20.21 gw 10.10.1.10
Answer: (SHOW ANSWER)

NEW QUESTION: 112
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. X11
B. KDE
C. RPC
D. VNC
Answer: D (LEAVE A REPLY)

NEW QUESTION: 113
An operator finds a user is having issues with opening certain files.
Which of the following commands would allow the security administrator to list and check the SELinux context?
A. ls -D

B. ls -a
C. ls -Z
D. ls -1
Answer: C (LEAVE A REPLY)
Explanation/Reference:
Reference: https://access.redhat.com/documentation/en-us/red_hat_enterprise_linux/6/html/security- enhanced_linux/sect-security-enhanced_linux-working_with_selinux-selinux_contexts_labeling_files

NEW QUESTION: 114
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 host gw 192.168.1.1 eth0
B. route add 192.168.1.1 default 192.168.1.50 eth0
C. route del default gw 192.168.2.1 eth0; route add default gw 192.168.1.1 eth0
D. route add -net 192.168.10.0 netmask 255.255.255.0 gw 192.168.2.1 eth0
Answer: (SHOW ANSWER)

NEW QUESTION: 115
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)
Explanation/Reference: https://serverfault.com/questions/751113/mount-point-does-not-exist-despite-creating-it

NEW QUESTION: 116
A member of the production group issues the following command:
echo "Monday through Friday" > /production_docs/days
The command fails to execute, so the user obtains the following output:
drwxr--r-- root production 0 Jun 16 2018 production
-rw-r--r-- production production 4096 Jun 14 2018 days

Which of the following commands should the user execute to BEST fix the issue?
A. chmod g+w productionto change the permissions on the daysfile
B. chown productionto change the ownership of the production_docsdirectory
C. chmod g+S productionto set the GUID on the production_docsdirectory
D. chgrp root production_docs/daysto change the group ownership of the production_docs/ daysfile
Answer: B (LEAVE A REPLY)

NEW QUESTION: 117
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. modprobe --usb
D. cat /proc/USB
Answer: B (LEAVE A REPLY)

NEW QUESTION: 118
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. service <service> enable
C. crontab install <service>
D. systemctl <service> bootup
Answer: (SHOW ANSWER)

NEW QUESTION: 119
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: 120
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 -n 8481
B. Issue the command renice -p 8481
C. Issue the command ronice -n 0 -p 8481
D. Issue the command renice -p 0 ~n 8481
Answer: A (LEAVE A REPLY)

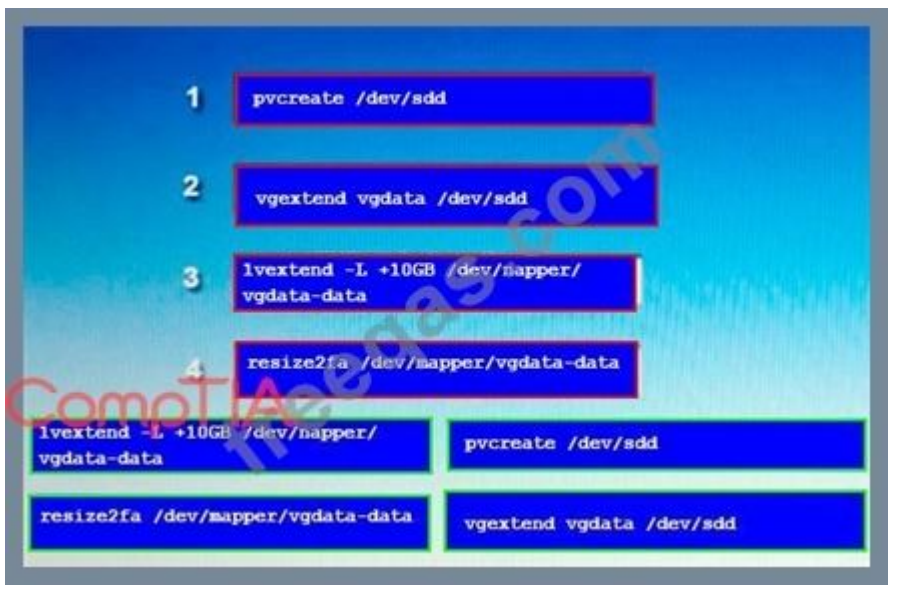
NEW QUESTION: 121
A user requested a USB serial device to be added to a desktop computer. The device has built-in kernel driver support. The administrator tested the device installation and access, but the user cannot access the serial port.
Each time the user attempts to access the device, an error 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 root $USER
C. usermod -a -G dialout $USER
D. usermod -a -G modem $USER
Answer: C (LEAVE A REPLY)

NEW QUESTION: 122
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: 123

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: 124

On a UEFI-based system, which of the following invokes GRUB2 from the EFI command prompt?

A. boot//EFI/grub2.efi

B. EFI/grub2.efi

C. /boot/EFI/grub2.efi

D. /grub2.efi

Answer: C (LEAVE A REPLY)

Explanation/Reference: https://docs.pagure.org/docs-fedora/the-grub2-bootloader.html

NEW QUESTION: 125

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 0 network on

C. chkconfig --level 345 network on

D. chkconfig --level 6 network on

E. chkconfig --level 12 network on

Answer: C (LEAVE A REPLY)

NEW QUESTION: 126

Which of the following is used in unattended server installation via PXE?

A. Cloud-init

B. Container image

C. Kickstart

D. YAML

Answer: C (LEAVE A REPLY)

NEW QUESTION: 127

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)

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

NEW QUESTION: 128

Which of the following techniques would BEST allow a client computer to connect to a server that is not normally accessible because the server's application port is blocked by a firewall?

A. RDP

B. SSH port forwarding

C. TCP wrappers

D. X11 forwarding

Answer: B (LEAVE A REPLY)

NEW QUESTION: 129

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=`$nrlines ++ 1`
    echo $nrlines --- ${LINES}
done
```

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

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

NEW QUESTION: 130
A systems administration team has decided to treat 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. Agentless deployment
B. Orchestration
C. Inventory
D. Infrastructure as code
Answer: (SHOW ANSWER)

NEW QUESTION: 131
A junior Linux administrator is updating local name resolution to support IPv6. The administrator issues the command cat /etc/hostsand receives the following output:
127.0.0.1 localhost
Which of the following actions should the administrator perform to accomplish this task?
A. Modify the /etc/hostsfile, and add the ipv6 localhostentry to the file.
B. Modify the /etc/hostsfile, and add the ::1 localhostentry to the file.
C. Modify the /etc/hostsfile, and add the ipv4 localhostentry to the file.
D. Modify the /etc/hostsfile, and add the 0.0.0.0 localhostentry to the file.
Answer: (SHOW ANSWER)
Explanation

NEW QUESTION: 132
A security administrator wants to display a warning banner before a user logs in. Which of the following files must be edited to make this happen?
A. /etc/services
B. /etc/motd
C. /etc/hosts
D. /etc/issue
Answer: (SHOW ANSWER)

NEW QUESTION: 133
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 9432:localhost:5432 postgres@dbserver.local
C. ssh -L 95432:localhost postgres@dbserver.local
D. ssh -L 5432:localhost dbserver.local:5432 postgres
Answer: (SHOW ANSWER)

NEW QUESTION: 134
An administrator completed the configuration of the in-addr.arpa zone files for an organization.
Which of the following commands should the administrator use to verify the configuration is working as expected?
A. nslookup in-addr.arpa
B. ping -n 192.168.1.100
C. dig -x 192.168.1.100
D. tracepath -n 192.168.1.100
E. host in-add.arpa
Answer: C (LEAVE A REPLY)

NEW QUESTION: 135

Which of the following is true about Type 2 hypervisors?
A. Only Type 2 hypervisors allow direct access to CPU virtualization features.
B. Type 2 hypervisors offer a performance increase to the guests in comparison to a Type 1 hypervisor.
C. Type 2 hypervisors run on top of another general purpose OS.
D. Type 2 hypervisors are often called bare-metal or native hypervisors.
Answer: (SHOW ANSWER)

NEW QUESTION: 136
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: A (LEAVE A REPLY)
Explanation/Reference: https://www.json2yaml.com/yaml-vs-json

NEW QUESTION: 137
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: 138
A systems administrator needs to append output of ls -lha /optcommand to the contents of a test.txt file.
Which of the following commands will accomplish this?
A. ls -lha /opt > test.txt
B. ls -lha /opt < test.txt
C. ls -lha /opt >> test.txt
D. ls -lha /opt << test.txt
Answer: (SHOW ANSWER)

Explanation/Reference: https://www.cyberciti.biz/faq/linux-append-text-to-end-of-file/

NEW QUESTION: 139
An administrator needs to mount the shared NFS file system testhost:/testvolumeto mount point /mnt/ testvoland make the mount persistent after reboot.
Which of the following BEST demonstrates the commands necessary to accomplish this task?

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


B.
```
# mkdir /mnt/testvol
# mount testhost:/testvolume /mnt/testbol
```

C.
```
# mkdir -p /mnt/testvol
# echo "testhost:/testvolume       /mnt/testvol    nfs  defaults   0  0" >> /etc/fstab
# mount -a
```

D.
```
# mkdir testhost:/testvolume at /mnt/testvol
# mount -a
```

Answer: D (LEAVE A REPLY)

NEW QUESTION: 140
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: (SHOW ANSWER)
Reference:
https://linuxize.com/post/how-to-create-users-in-linux-using-the-useradd-command/

NEW QUESTION: 141
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_homedirs = 1

C. httpd_enable_scripting = 1

D. httpd_enable_cgi = 1

Answer: A (LEAVE A REPLY)

NEW QUESTION: 142

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 -n 8481

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

C. Issue the command renice -p 8481

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

Answer: (SHOW ANSWER)

NEW QUESTION: 143

An administrator is using a configuration management tool to define a system's configuration. The defined configuration can be used to provision new systems, rebuild existing systems, or roll back systems to their original baseline configurations.

Which of the following BEST describes what the administrator is doing?

A. Test automation

B. Infrastructure as code

C. Build automation

D. Containerization

Answer: A (LEAVE A REPLY)

NEW QUESTION: 144

Which of the following BEST describes the difference between a container and a VM?

A. VMs share host libraries and a kernel, while containers have their own libraries and kernel.

B. Containers share host OS libraries and a kernel, while VMs have their own libraries and kernel.

C. VMs are larger than containers.

D. Containers are larger than VMs.

Answer: B (LEAVE A REPLY)

NEW QUESTION: 145

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 dfcommand 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. find / -type f -size +50M
D. du -a / | sort -n -r | head -n 30
Answer: B (LEAVE A REPLY)
Explanation/Reference:

NEW QUESTION: 146
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:
See explanation below.
Explanation
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: 147

A junior systems administrator is diagnosing an issue with latency. The administrator issues the command mtr www.comptia.org at a terminal and receives the following output:

	Packets			Pings			
Host	**Loss %**	**Sent**	**Last**	**Avg**	**Best**	**Worst**	**StDev**
1. 10.0.5.2	3 %	345	0.6	0.7	0.3	19.6	1.2
2. 192.168.0.1	30 %	345	0.6	45	0.1	0.2	0.04
3. 216.239.14.33	100 %	0	0	0	0	0	0

Given this scenario and the output, which of the following should be reported to the network team for investigation? (Choose two.)

A. Host 2 is experiencing high packet loss, indicating the link is overloaded.

B. Host 3 is set to filter ICMP echo packets.

C. Host 1 is set to filter ICMP echo packets.

D. Host 1 is set to filter ICMP reply packets.

E. Host 2 is experiencing low bandwidth, indicating the ISP is blocking traffic.

F. Host 3 is set to filter ICMP reply packets.

Answer: A,B (LEAVE A REPLY)

NEW QUESTION: 148

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. useradd -s /bin/bash joe

B. usermod -s /bin/bash joe

C. chage -E -1 joe

D. passwd -u joe

Answer: B (LEAVE A REPLY)

NEW QUESTION: 149

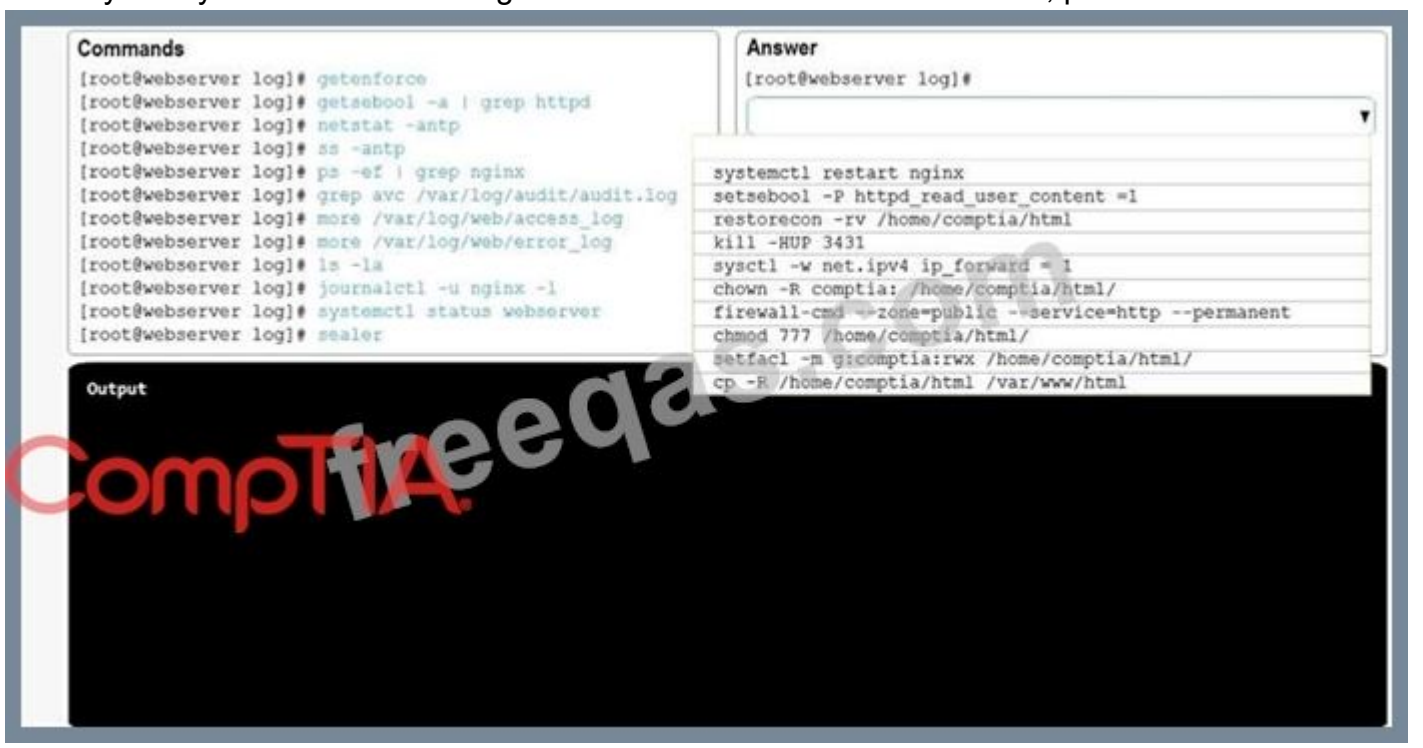
A systems administrator is unable to reach other devices on the network and the Internet. The server is configured with the IP address 192.169.1.50/24 on eth0. The server's router is 192.168.1.1. The administrator reviews the output of route -n:

```
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: D (LEAVE A REPLY)

NEW QUESTION: 150
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: 151
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?
rmmod /lib/modules/3.6.12-100-generic/kernel/drivers/usb/storage/usb-
A. storage.ko
modinfo /lib/modules/3.6.12-100-generic/kernel/drivers/usb/storage/usb-
B. storage.ko
depmod /lib/modules/3.6.12-100-generic/kernel/drivers/usb/storage/usb-
C. storage.ko
insmod /lib/modules/3.6.12-100-generic/kernel/drivers/usb/storage/usb-
D. storage.ko
Answer: D (LEAVE A REPLY)
Explanation/Reference: https://www.cyberciti.biz/faq/linux-how-to-load-a-kernel-module-automatically-at-boot-time/

NEW QUESTION: 152
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. HISTFILESIZE=1000
B. HISTCONTROL=ignoreboth
C. HISTSIZE=800
D. umask 2002
Answer: D (LEAVE A REPLY)

NEW QUESTION: 153
A junior systems administrator is creating a cron job. The cron job requirements are as follows:
Run the hello.sh script every hour (24 times in one day).
Run it on Monday only.
Given this scenario, which of the following crontab options should be configured to meet these requirements?
A. 0 *** 1 hello.sh
B. 0 24 ** Monday hello.sh
C. 24 *** Monday hello.sh
D. 1 *** 0 hello.sh
Answer: C (LEAVE A REPLY)
Reference:
https://www.debian.org/doc/manuals/system-administrator/ch-sysadmin-time.html

NEW QUESTION: 154
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: A (LEAVE A REPLY)

Reference:
25954/

NEW QUESTION: 155

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:

Explanation

Graphical user interface, application Description automatically generated

NEW QUESTION: 156

Which of the following is a difference between YAML and JSON?

A. Users can comment in YAML but not in JSON

B. JSON only curly brackets, while YAML only uses square brackets

C. JSON is used in web development, while YAML is used solely in back-end systems.

D. YAML has been deprecated for JSON.

Answer: A (LEAVE A REPLY)

Reference:

https://www.json2yaml.com/yaml-vs-json

NEW QUESTION: 157
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)
Reference:
https://opensource.com/life/16/6/how-configure-networking-linux

NEW QUESTION: 158
Which of the following is the purpose of the monitoring server role?
A. To aggregate web traffic to watch which websites employees are visiting
B. To collect status and performance information about the servers in an environment
C. To provide user authentication services to a network
D. To provide real-time analysis of potential threats to the organization
Answer: B (LEAVE A REPLY)
Explanation/Reference:

NEW QUESTION: 159
A Linux systems administrator is troubleshooting an issue with the /home directory running out of space. The administrator needs to determine which /home directories are using the most space. Which of the following commands should be used?
A. lvs
B. fsck
C. df
D. du
Answer: D (LEAVE A REPLY)

NEW QUESTION: 160
A systems administrator needs to allow the Linux server to receive HTTP connections from Internet hosts. By default, the port for HTTP connections is blocked. Which of the following rules should be added in the firewall to allow this type of connection?
A. firewall-cmd --zone=public --add-port=80/tcp --permanent
B. firewall-cmd --zone=public --add-port=443/tcp --permanent
C. firewall-cmd --zone=internal --add-port=443/tcp --permanent
D. firewall-cmd --zone=internal --add-port=80/tcp --permanent
Answer: A (LEAVE A REPLY)

NEW QUESTION: 161

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
```

```
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
```

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

NEW QUESTION: 162
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?
rmmod /lib/modules/3.6.12-100-generic/kernel/drivers/usb/storage/usb-storage.ko

A. modinfo /lib/modules/3.6.12-100-generic/kernel/drivers/usb/storage/usb-
B. storage.ko
depmod /lib/modules/3.6.12-100-generic/kernel/drivers/usb/storage/usb-
C. storage.ko
insmod /lib/modules/3.6.12-100-generic/kernel/drivers/usb/storage/usb-
D. storage.ko
Answer: D (LEAVE A REPLY)
Explanation/Reference: https://www.cyberciti.biz/faq/linux-how-to-load-a-kernel-module-automatically-at-boot-time/

NEW QUESTION: 163
A user issues the following command:
ls -l /var/log | egrep -e '^d[rwx]{3}.*[rw-]{3}.*'
The list of files in the system is shown below:

```
ls -l /var/log/
total 1156
-rw-r--r-- 1 root root 2877 Apr 24 14:14 alternatives.log
drwxr-xr-x 2 root root 4096 Apr 24 08:36 apt
-rw-r----- 1 syslog adm 37910 Jun 12 15:22 auth.log
-rw------- 1 root utmp 0 Apr 24 08:19 btmp
-rw-r--r-- 1 syslog adm 246139 Jun 12 15:21 cloud-init.log
-rw-r--r-- 1 root root 8872 Jun 12 15:21 cloud-init-output.log
drwxr-xr-x 2 root root 4096 Apr 9 14:25 dist-upgrade
-rw-r--r-- 1 root root 21326 Apr 24 14:14 dpkg.log
drwxr-xr-x 2 root root 4096 Apr 24 08:16 fsck
-rw-r----- 1 syslog adm 152618 Jun 12 15:21 kern.log
-rw-rw-r-- 1 root utmp 292876 Jun 12 15:21 lastlog
drwxr-xr-x 2 root root 4096 Dec 7 2017 lxd
-rw-r----- 1 syslog adm 388374 Jun 12 15:24 syslog
drwxr-x--- 2 root adm 4096 Apr 25 14:41 unattended-upgrades
drwxr-x--- 2 root adm 4096 Apr 25 15:41 attended-upgrades
-rw-r--r-- 1 root root 1 Apr 24 14:15 vboxadd-install.log
-rw-r--r-- 1 root root 255511 Apr 24 14:15 vboxadd-setup.log
-rw-rw-r-- 1 root utmp 10368 Jun 12 15:21 wtmp
```

Which of the following results matches the command issued?
A. -rw-r--r-- 1 root root 2877 Apr 24 14:14 alternatives.log
-rw-r--r-- 1 syslog adm 246139 Jun 12 15:21 cloud-init.log
-rw-r--r-- 1 root root 8872 Jun 12 15:21 cloud-init-output.log
B. drwxr-x--- 2 root adm 4096 Apr 25 14:41 unattended-upgrades
drwxr-x--- 2 root adm 4096 Apr 25 15:41 attended-upgrades
C. drwxr-xr-x 2 root root 4096 Apr 24 08:36 apt
drwxr-xr-x 2 root root 4096 Apr 9 14:25 dist-upgrade
drwxr-x--- 2 root adm 4096 Apr 25 15:41 attended-upgrades
D. drwxr-xr-x 2 root root 4096 Apr 24 08:36 apt

drwxr-xr-x 2 root root 4096 Apr 9 14:25 dist-upgrade
drwxr-x--- 2 root adm 4096 Apr 25 14:41 unattended-upgrades
Answer: (SHOW ANSWER)

NEW QUESTION: 164
A Linux systems administrator wants the ability to access systems remotely over SSH using RSA authentication. to which of the following files should the RSA token be added to allow this access?
A. authorized_keys
B. ~/.ssh/ssh_config
C. id_rsa.pub
D. known_hosts
Answer: (SHOW ANSWER)
Reference:
https://www.digitalocean.com/community/tutorials/how-to-configure-ssh-key-based-authentication-on-a-linux-server

NEW QUESTION: 165
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: 166
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 locate command to find where the large log file is located and delete it
D. Use the ps command to find which process is writing to the log file, and then kill and restart the process
Answer: (SHOW ANSWER)

NEW QUESTION: 167
A Linux administrator wants to obtain a list of files and subdirectories in the /etc directory that contain the word "services". Once the files and subdirectories are discovered, they should be listed alphabetically in the
/var/tmp/foundservices file. Which of the following shell scripts will accomplish this task?
A. #/bin/bashfind /etc -name services | sort > /var/tmp/foundservices
B. #/bin/bashlocate /etc -sort -name services > /var/tmp/foundservices
C. #/bin/bashfind /etc -name services -sort > /var/tmp/foundservices
D. #/bin/bashfind -name services -sort </var/tmp/foundservices
Answer: B (LEAVE A REPLY)

NEW QUESTION: 168
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_scripting = 1
B. httpd_enable_homedirs = 1
C. httpd_enable_cgi = 1
D. httpd_can_network_connect = 1
Answer: D (LEAVE A REPLY)

NEW QUESTION: 169
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: (SHOW ANSWER)

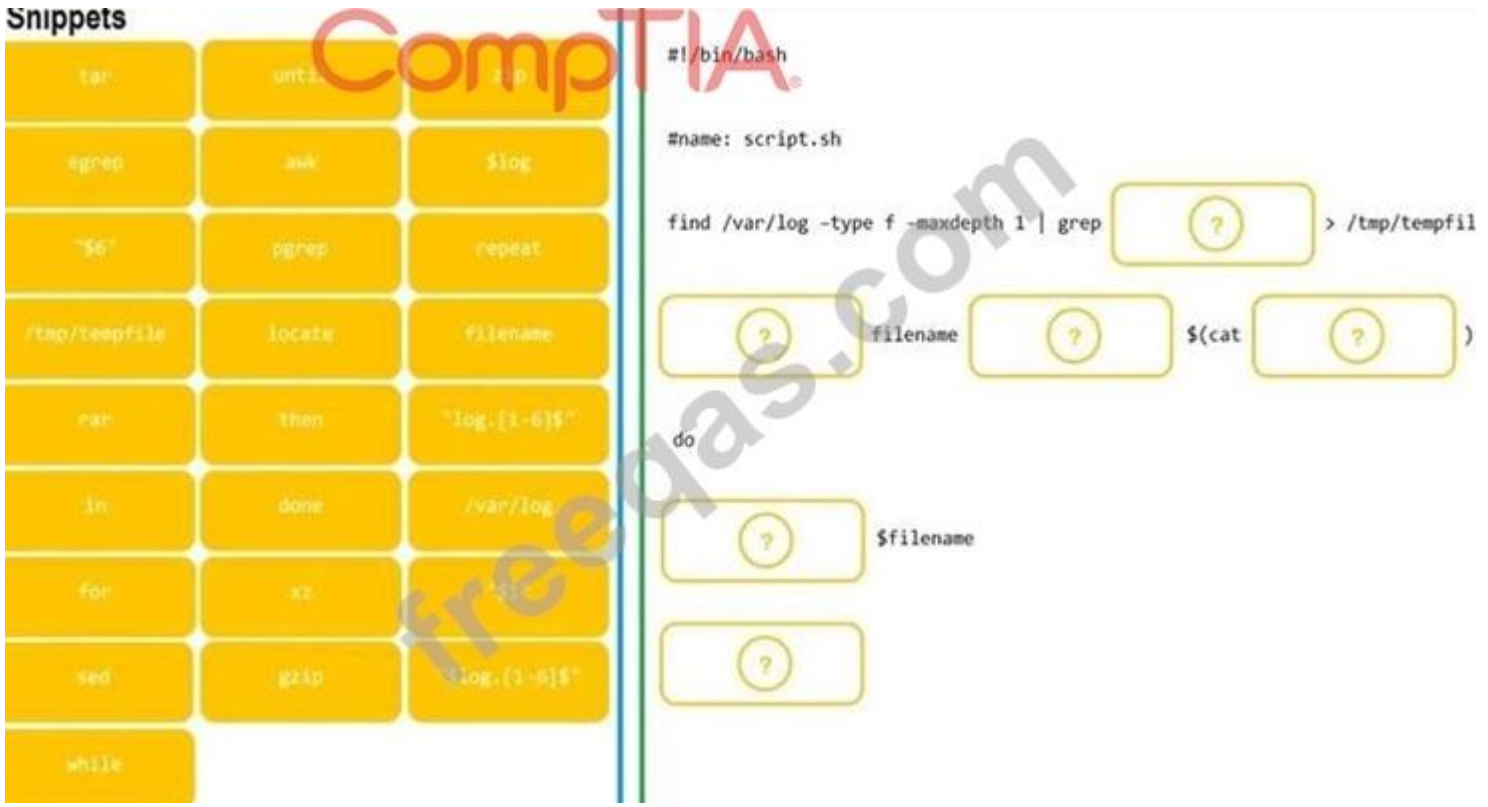
NEW QUESTION: 170
A systems administrator wants to download a package from a remote server. Which of the following are the BEST commands to use for this task? (Choose two.)
A. curl
B. wget

C. make
D. tar
E. zip
F. nc
Answer: B,F (LEAVE A REPLY)
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

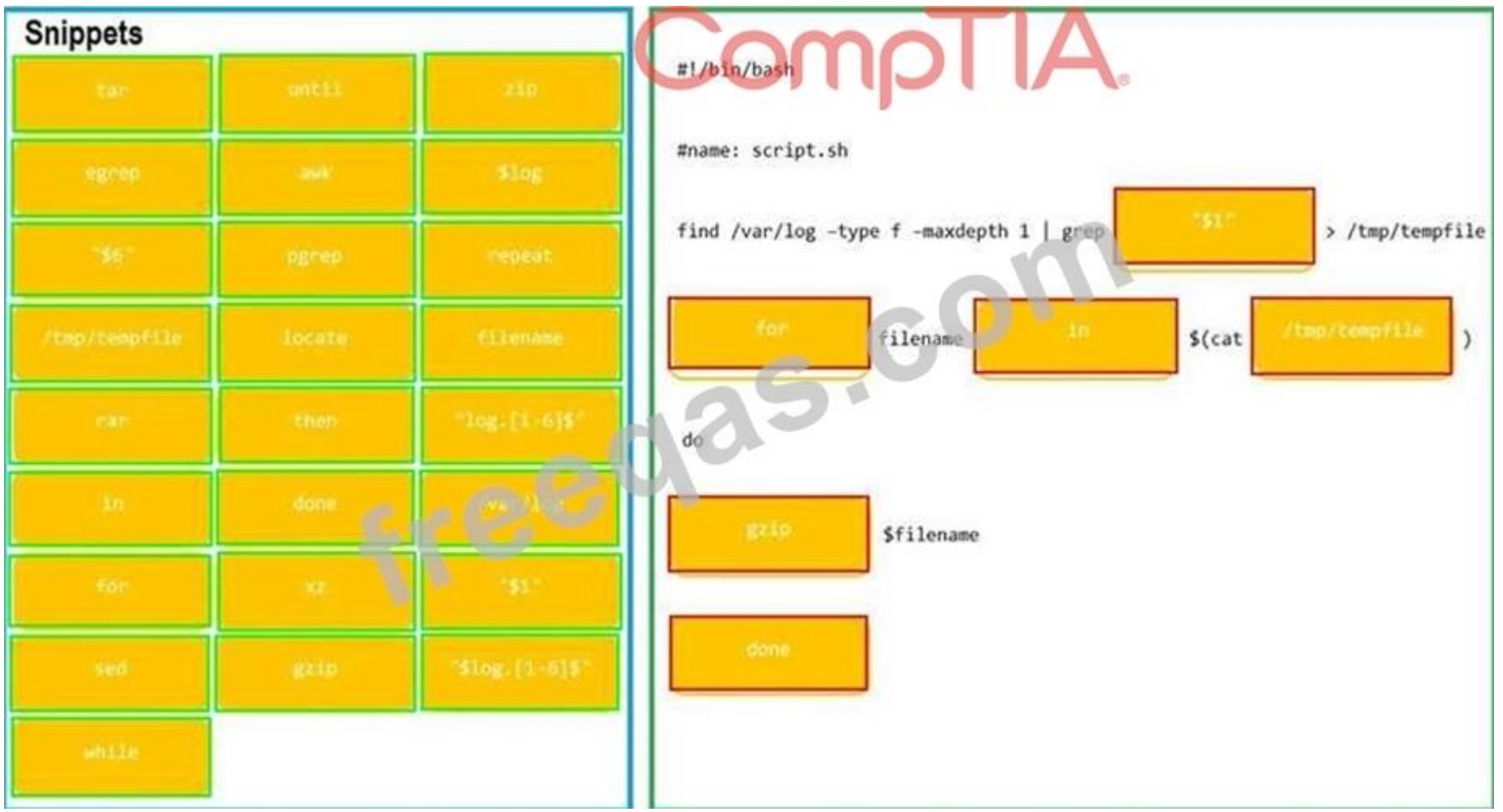
NEW QUESTION: 171
A Linux administrator must identify a user with high disk usage. The administrator runs the # du -s /home/* command and gets the following output:

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. df -k /home/User/files.txt
B. find . -name /home/User3 -print
C. du -sh /home/User/
D. du -a /home/User3/*
Answer: C (LEAVE A REPLY)

NEW QUESTION: 172
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: 173

Joe, a user, reports that he is no longer able to write files to his home directory. Upon inspection, the Linux administrator discovers that attempting to create a new file gives the following error: No space left on device.
However, the disk and partition are not full. Which of the following commands would be BEST for the administrator to use to continue troubleshooting this problem?
A. fdisk /dev/sda
B. rm -Rf ~/.*
C. fsck -y /dev/sda1
D. df -i
Answer: D (LEAVE A REPLY)

NEW QUESTION: 174
Which of the following is the template for the grub.cfg file?
A. /etc/grub2.cfg
B. /etc/default/grub
C. /boot/efi
D. /etc/sysct1.conf
Answer: B (LEAVE A REPLY)

NEW QUESTION: 175
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. Procure new equipment that matches the recommended specifications

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

D. Recompile the Linux kernel to support the installation.

Answer: C (LEAVE A REPLY)

NEW QUESTION: 176

An administrator wants to know the amount of memory installed on a Linux server. Which of the following commands can be used to accomplish this task?

A. cat /sys/proc/meminfo

B. cat /proc/meminfo

C. cat /proc/sys/meminfo

D. cat /sys/meminfo

Answer: D (LEAVE A REPLY)

Reference:
20command%20in,use%20the%20"free"%20command.&text=As%20you%20can%20see%2C%20the,(also%
20called%20virtual%20memory)

NEW QUESTION: 177

Which of the following is the purpose of the vmlinux file on a Linux system?

A. To provide the executable kernel for the system

B. To start a Linux virtual machine

C. To enable resource access to the network

D. To prevent a Linux kernel panic
Answer: (SHOW ANSWER)

NEW QUESTION: 178
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: 179
A Linux system is running normally when the systems administrator receives an alert that one application spawned many processes. The application is consuming a lot of memory, and it will soon cause the machine to become unresponsive. Which of the following commands will stop each application process?
A. kill 'pidof application'
B. killall application

C. kill -9 'ps -aux | grep application'
D. pkill -9 application
Answer: B (LEAVE A REPLY)
Reference:
https://www.tecmint.com/how-to-kill-a-process-in-linux/

NEW QUESTION: 180
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 file system has become corrupted. The administrator should repair it with xfs_repair/dev/datavg/datalv and then mount it.
B. The file system is read-only. The administrator should remount it as read-write with the command mount - o remount.rw /data.
C. The logical volume is OK but the /dev special files are missing. The administrator should recreate them by running /dev/MAKEDEV.
D. The logical volume is not active. The administrator should make it active with lvchange -ay /dev/ datavg/datalv and then mount it.
Answer: (SHOW ANSWER)

NEW QUESTION: 181
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: 182
A Linux administrator is helping the security team troubleshoot an SELinux policy violation incident. Which of the following would be the BEST utility command to display SELinux violation and AVC denial messages?
A. sealert -a /var/log/audit/audit.log
B. aureport | grep AVC
C. journalctl | grep sealert
D. cat /var/log/messages | grep selinux
Answer: (SHOW ANSWER)

NEW QUESTION: 183
A Linux administrator implemented a new HTTP server using the default configuration. None of the users on the network can access the server. If there is no problem on the network or with the users' workstations, which of the following steps will BEST analyze and resolve the issue?
A. Run netstat to ensure the port is correctly bound, and configure the firewall to allow access on ports 80 and 443
B. Run route to ensure the port is correctly bound, and configure the firewall to allow access on ports 80 and 443
C. Run netcat to ensure the port is correctly bound, and configure a static route to the web to allow access on ports 80 and 443
D. Run route to ensure the port is correctly bound, and configure SELinux to allow access on ports 80 and 443
Answer: (SHOW ANSWER)
Reference:
https://www.varonis.com/blog/netcat-commands/

NEW QUESTION: 184
A systems 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: (SHOW ANSWER)
Explanation/Reference: https://access.redhat.com/documentation/en-us/red_hat_enterprise_linux/6/html/installation_guide/ sn-automating-installation

NEW QUESTION: 185
A server administrator notices that one of the servers cannot connect to its gateway, which has the IP 10.10.10.1.
Which of the following commands should the administrator execute to determine the default gateway of the server?
A. route -n

B. nslookup
C. ip a default-gw
D. ifconfig
Answer: A (LEAVE A REPLY)

NEW QUESTION: 186
Which of the following servers provides encrypted tunnel SOCKS services?
A. VPN
B. SNMP
C. SSH
D. CA
Answer: C (LEAVE A REPLY)

NEW QUESTION: 187
A user issues the following command:
ls -l /var/log | egrep -e '^d[rwx]{3}.*[rw-]{3}.*'
The list of files in the system is shown below:

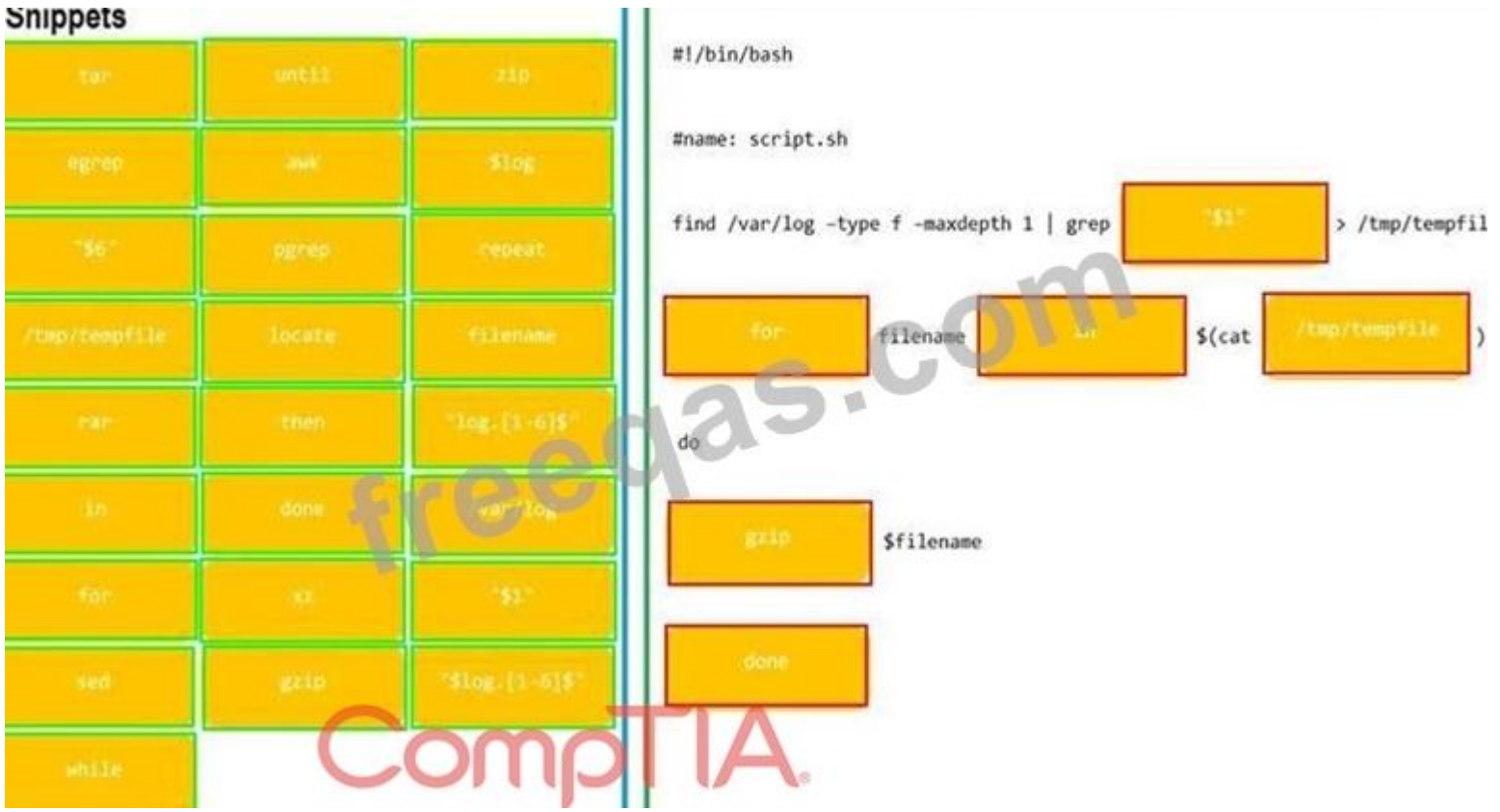
```
ls -l /var/log/
total 1156
-rw-r--r-- 1 root root 2877 Apr 24 14:14 alternatives.log
drwxr-xr-x 2 root root 4096 Apr 24 08:36 apt
-rw-r----- 1 syslog adm 37910 Jun 12 15:22 auth.log
-rw------- 1 root utmp 0 Apr 24 08:19 btmp
-rw-r--r-- 1 syslog adm 246139 Jun 12 15:21 cloud-init.log
-rw-r--r-- 1 root root 8872 Jun 12 15:21 cloud-init-output.log
drwxr-xr-x 2 root root 4096 Apr 9 14:25 dist-upgrade
-rw-r--r-- 1 root root 21326 Apr 24 14:14 dpkg.log
drwxr-xr-x 2 root root 4096 Apr 24 08:16 fsck
-rw-r----- 1 syslog adm 152618 Jun 12 15:21 kern.log
-rw-rw-r-- 1 root utmp 292876 Jun 12 15:21 lastlog
drwxr-xr-x 2 root root 4096 Dec 7 2017 lxd
-rw-r----- 1 syslog adm 388374 Jun 12 15:24 syslog
drwxr-x--- 2 root adm 4096 Apr 25 14:41 unattended-upgrades
drwxr-x--- 2 root adm 4096 Apr 25 15:41 attended-upgrades
-rw-r--r-- 1 root root 1 Apr 24 14:15 vboxadd-install.log
-rw-r--r-- 1 root root 255511 Apr 24 14:15 vboxadd-setup.log
-rw-rw-r-- 1 root utmp 10368 Jun 12 15:21 wtmp
```


Which of the following results matches the command issued?
A. drwxr-x--- 2 root adm 4096 Apr 25 14:41 unattended-upgrades
drwxr-x--- 2 root adm 4096 Apr 25 15:41 attended-upgrades
B. drwxr-xr-x 2 root root 4096 Apr 24 08:36 apt
drwxr-xr-x 2 root root 4096 Apr 9 14:25 dist-upgrade

drwxr-x--- 2 root adm 4096 Apr 25 14:41 unattended-upgrades
C. drwxr-xr-x 2 root root 4096 Apr 24 08:36 apt
drwxr-xr-x 2 root root 4096 Apr 9 14:25 dist-upgrade
drwxr-x--- 2 root adm 4096 Apr 25 15:41 attended-upgrades
D. -rw-r--r-- 1 root root 2877 Apr 24 14:14 alternatives.log
-rw-r--r-- 1 syslog adm 246139 Jun 12 15:21 cloud-init.log
-rw-r--r-- 1 root root 8872 Jun 12 15:21 cloud-init-output.log
Answer: (SHOW ANSWER)

NEW QUESTION: 188
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: 189
A systems administrator has scheduled a system update for a server. The update includes a resynchronization of the package database and updates to the current packages and the system distribution packages. Which of the following commands contains the proper order of this update?
A. apt-get upgrade, apt-get dist-upgrade, apt-get update
B. apt-get update, apt-get upgrade, apt-get dist-upgrade
C. apt-get update, apt-get dist-upgrade, apt-get upgrade
D. apt-get dist-upgrade, apt-get upgrade, apt-get update
Answer: B (LEAVE A REPLY)

NEW QUESTION: 190
Which of the following is the purpose of the vmlinux file on a Linux system?
A. To prevent a Linux kernel panic
B. To start a Linux virtual machine
C. To provide the executable kernel for the system
D. To enable resource access to the network
Answer: (SHOW ANSWER)
Reference:
https://en.wikipedia.org/wiki/Vmlinux

NEW QUESTION: 191

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: (SHOW ANSWER)

Explanation/Reference: https://www.sfu.ca/computing/about/support/tips/remote-to-linux-with-gui.html

NEW QUESTION: 192

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. lsusb | grep /mnt/usb

B. mount | grep /mnt/usb

C. lsof | grep /mnt/usb

D. ps aux | grep /mnt/usb

Answer: C (LEAVE A REPLY)

NEW QUESTION: 193

Which of the following BEST describes the purpose of the X11 system?

A. X11 provides graphical display capabilities

B. X11 provides telephony capabilities.

C. X11 provides command line capabilities

D. X11 provides networking capabilities

Answer: A (LEAVE A REPLY)

NEW QUESTION: 194

A junior systems administrator is diagnosing an issue with latency. The administrator issues the command mtr www.comptia.org at a terminal and receives the following output:

	Packets			Pings			
Host	Loss %	Sent	Last	Avg	Best	Worst	StDev
1. 10.0.5.2	3 %	345	0.6	0.7	0.3	19.6	1.2
2. 192.168.0.1	30 %	345	0.6	45	0.1	0.2	0.04
3. 216.239.14.33	100 %	0	0	0	0	0	0

Given this scenario and the output, which of the following should be reported to the network team for investigation? (Choose two.)

A. Host 2 is experiencing high packet loss, indicating the link is overloaded.

B. Host 1 is set to filter ICMP reply packets.

C. Host 1 is set to filter ICMP echo packets.

D. Host 2 is experiencing low bandwidth, indicating the ISP is blocking traffic.

E. Host 3 is set to filter ICMP reply packets.

F. Host 3 is set to filter ICMP echo packets.

Answer: (SHOW ANSWER)

NEW QUESTION: 195
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)
Explanation/Reference: https://www.computerhope.com/unix/renice.htm#:~:text=On%20Unix%2Dlike%20operating%20systems,the%20Linux%20version%20of%20renice

NEW QUESTION: 196
Which of the following Linux server roles should be installed to monitor and log local web traffic?
A. HTTP server
B. AAA server
C. Name server
D. Proxy server
E. SSH server
Answer: (SHOW ANSWER)

NEW QUESTION: 197
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 does not have a group write permission.

B. The filesystem is not configured for the user to write to it.
C. The filesystem is out of inodes.
D. The filesystem is out of file space.
Answer: (SHOW ANSWER)

NEW QUESTION: 198
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 merge master testing
B. git stash branch master
C. git branch -b master file
D. git checkout master -- file
Answer: D (LEAVE A REPLY)

NEW QUESTION: 199
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)
```

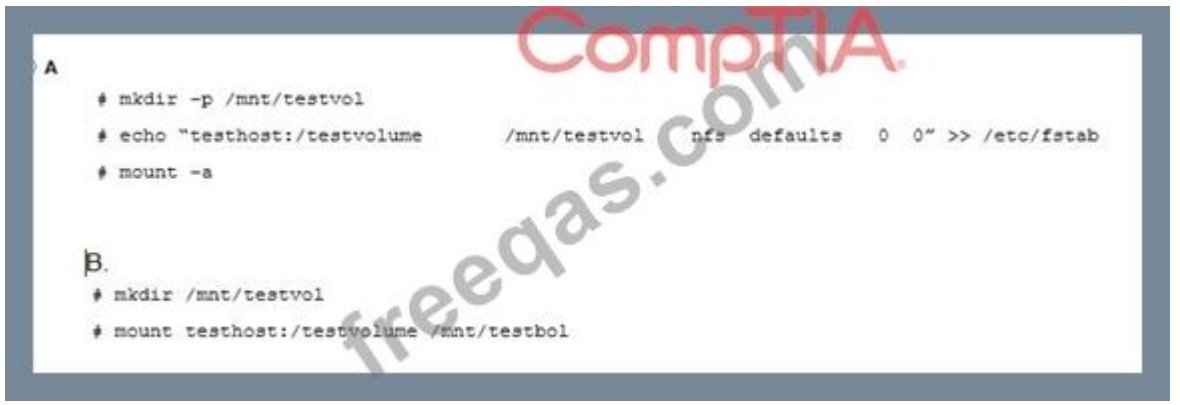
```
[comptia@localhost exercise]$ tr "[A-Z]" "[a-z]" < lastlog | grep -i "Mar 12"
ann
carl
chris
comptia
david
eric
joe
lee
reboot
```

```
[comptia@localhost exercise]$ awk '{ print $1 }' lastlog | uniq

  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 13" 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 11:37 - 11:58 (00:20)
  REBOOT   SYSTEM BOOT   3.10.0-693.21.1.   Sun Mar 12 11:02 - 13:26 (2+02:23)
  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 11:01 - 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 11:03 - 13:26 (2+02:22)
  COMPTIA  PTS/0         :0                 Sun Mar 12 11:04 - 11:34 (00:30)

[comptia@localhost exercise]$ tr "[A-Z]" "[a-z]" < lastlog | grep -i "mar 12"

  ann
  carl
  chris
  comptia
  david
  eric
  joe
  lee
  reboot
```

NEW QUESTION: 200

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?



C)

```
# mkdir testhost:/testvolume at /mnt/testvol
# mount -a
```

D)

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

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

NEW QUESTION: 201
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. D
B. B.
C. G
Answer: C (LEAVE A REPLY)

NEW QUESTION: 202
An administrator needs to see the type of CPU that a server is running. Which of the following files contains this information?
A. /proc/cpuinfo
B. /etc/devices/info.conf
C. /dev/proc/cpu
D. /sys/dev/cpuinfo
Answer: A (LEAVE A REPLY)
Reference:
https://www.binarytides.com/linux-cpu-information/

NEW QUESTION: 203
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: 204
An administrator needs to see the type of CPU that a server is running. Which of the following files contains this information?
A. /proc/cpuinfo
B. /etc/devices/info.conf
C. /dev/proc/cpu

D. /sys/dev/cpuinfo
Answer: (SHOW ANSWER)
Explanation/Reference: https://www.binarytides.com/linux-cpu-information/

NEW QUESTION: 205
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 o+w infrastructure.yml
B. chmod 600 infrastructure.yml
C. chown root: infrastructure.yml
D. chattr -i infrastructure.yml
Answer: A (LEAVE A REPLY)

NEW QUESTION: 206
A Linux administrator wants to fetch a Git repository from a remote Git server.
Which of the following is the BEST command to perform this task?
A. git checkout
B. git clone
C. git merge
D. git config
Answer: B (LEAVE A REPLY)
Reference:
https://git-scm.com/book/en/v2/Git-Basics-Working-with-Remotes

NEW QUESTION: 207
Which of the following can be used to boot a DVD from a remote device to initialize a Linux system setup on bare metal hardware as if it is a local DVD?
A. UEFI
B. PXE
C. NFS
D. GRUB
Answer: A (LEAVE A REPLY)
Explanation/Reference: https://access.redhat.com/documentation/en-us/red_hat_enterprise_linux/6/html/installation_guide/ ch-boot-x86

NEW QUESTION: 208
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: (SHOW ANSWER)
Explanation/Reference:
Reference: https://www.git-scm.com/book/en/v2/Git-Basics-Undoing-Things

NEW QUESTION: 209
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: 210
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: 211
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; rm -f _db*; rpm --rebuilddb; yum clean all
B. cd/var/lib/rpm; rpm --rebuilddb ; rm -f _db*; yum clean all
C. cd/var/lib/rpm; rpm -qa; rm -f _db*; yum clean all
D. cd/var/lib/rpm; rpm -qd; rpm --rebuilddb; yum clean all
Answer: C (LEAVE A REPLY)

NEW QUESTION: 212
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: D (LEAVE A REPLY)
Explanation/Reference: https://access.redhat.com/documentation/en-us/red_hat_enterprise_linux/7/html/selinux_users_and_administrators_guide/sect-security-enhanced_linux-working_with_selinux- selinux_contexts_labeling_files

NEW QUESTION: 213
Which of the following commands will let a Linux user know the PCI devices that are installed in the system?
A. lspci
B. cat /proc/devices/pci
C. lsdev
D. cat /proc/sys/dev
Answer: A (LEAVE A REPLY)

NEW QUESTION: 214
An administrator received a request from a security officer to eliminate a blacklisting set called internal-blocked the company is using in the iptables firewall.
Which of the following commands will complete the task?
A. ipset del internal-blocked
B. ipset destroy internal-blocked
C. ipset swap internal-blocked none
D. ipset remove internal-blocked

Answer: B (LEAVE A REPLY)

NEW QUESTION: 215
A systems administrator wants to know the current status of a series of dd jobs that were started in the background three hours ago.
Which of the following commands will achieve this task?
A. sudo killall -HUP dd
B. sudo killall dd
C. sudo killall -TERM dd
D. sudo killall -USR1 dd
Answer: D (LEAVE A REPLY)
Reference:
https://askubuntu.com/questions/215505/how-do-you-monitor-the-progress-of-dd

NEW QUESTION: 216
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. lsof, lvcreate, mdadm
B. fdisk, mkswap, swapon -a
C. free, fack, partprobe
D. df, du, rmmod
Answer: C (LEAVE A REPLY)

NEW QUESTION: 217
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 6 network on
B. chkconfig --level 12 network on
C. chkconfig --level 0 network on
D. chkconfig --level 345 network on
E. chkconfig --level 0-6 network on
Answer: D (LEAVE A REPLY)

NEW QUESTION: 218
A junior Linux administrator is updating local name resolution to support IPv6. The administrator issues the command cat /etc/hosts and receives the following output:
127.0.0.1 localhost
Which of the following actions should the administrator perform to accomplish this task?
A. Modify the /etc/hosts file, and add the ipv6 localhost entry to the file.
B. Modify the /etc/hosts file, and add the ::1 localhost entry to the file.
C. Modify the /etc/hosts file, and add the ipv4 localhost entry to the file.

D. Modify the /etc/hosts file, and add the 0.0.0.0 localhost entry to the file.
Answer: D (LEAVE A REPLY)

NEW QUESTION: 219
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: 220
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 -a /home/User3/*
B. df -k /home/User/files.txt
C. find . -name /home/User3 -print
D. du -sh /home/User/
Answer: (SHOW ANSWER)

NEW QUESTION: 221
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: 222

A Linux administrator created a new log file in /var/log/newlog to monitor a newly installed application. The administrator is now configuring parameters of the file so it will be rotated on a weekly basis or when it becomes larger than 1MB in size. In addition, five rotations of the file should exist in the /var/log directory.

Which of the following should be added to the /etc/logrotate.conf file to meet this objective?

A.
```
/var/log/newlog {
rotate 5
weekly
maxsize 1M
}
```

B.
```
/var/log/newlog {
rotate 4
weekly
maxsize 1
}
```

C.
```
/var/log/ {
rotate 5
create newlog 0664 root admin
maxsize 1M
}
```

D.
```
/var/log/ {
rotate 5
weekly
create 0644 root root
minsize 1M
}
```

Answer: (SHOW ANSWER)

NEW QUESTION: 223

Which of the following is a difference between YAML and JSON?
A. Users can comment in YAML but not in JSON
B. YAML has been deprecated for JSON.
C. JSON is used in web development, while YAML is used solely in back-end systems.
D. JSON only curly brackets, while YAML only uses square brackets
Answer: A (LEAVE A REPLY)

NEW QUESTION: 224
A Linux administrator implemented a new HTTP server using the default configuration. None of the users on the network can access the server. If there is no problem on the network or with the users' workstations, which of the following steps will BEST analyze and resolve the issue?
A. Run netstatto ensure the port is correctly bound, and configure the firewall to allow access on ports 80 and 443
B. Run routeto ensure the port is correctly bound, and configure the firewall to allow access on ports 80 and
443
C. Run netcat to ensure the port is correctly bound, and configure a static route to the web to allow access on ports 80 and 443
D. Run routeto ensure the port is correctly bound, and configure SELinux to allow access on ports 80 and
443
Answer: (SHOW ANSWER)
Explanation/Reference: https://www.varonis.com/blog/netcat-commands/

NEW QUESTION: 225
A systems administrator observes high latency values when reaching a remote web server. Which of the following commands will help determine and isolate issues on the network side?
A. mtr
B. dig
C. netsta
D. route
Answer: A (LEAVE A REPLY)
Explanation/Reference: https://www.keycdn.com/support/what-is-latency

NEW QUESTION: 226
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/dhcpd.conf
B. /etc/hosts
C. /etc/resolv.conf
D. /etc/nsswitch.conf
Answer: D (LEAVE A REPLY)

NEW QUESTION: 227
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: 228
An administrator has a CSV file named hosts.csv. The contents of hosts.csv include 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?
A. for ip in $(awk -F, '{print $1}' hosts.csv | grep "Linux"); do echo -n "$ip,"; done
B. for ip in $(cut -d"," -f1 hosts.csv | grep "Linux"); do echo -n "$ip,"; done
C. for ip in $(grep "Linux" hosts.csv | sed "/$1//'); do echo -n "$ip,"; done
D. for ip in $(grep "Linux" hosts.csv | cut -d"," -f1); do echo -n "$ip,"; done
Answer: C (LEAVE A REPLY)

NEW QUESTION: 229
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)
Reference:
https://www.linode.com/docs/security/securing-your-server/

NEW QUESTION: 230
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. 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)
Reference:
https://www.tecmint.com/set-system-locales-in-linux/

NEW QUESTION: 231
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. Change umask value in /etc/profile.
B. Execute chattr command to restore default access.
C. Modify directory ownership to ann:ann with chown.
D. Run chmod command to update permissions.
Answer: (SHOW ANSWER)

NEW QUESTION: 232
A Linux systems administrator wants the ability to access systems remotely over SSH using RSA authentication. to which of the following files should the RSA token be added to allow this access?
A. authorized_keys
B. id_rsa.pub
C. ~/.ssh/ssh_config
D. known_hosts
Answer: B (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 ~/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: 234
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 is not active. The administrator should make it active with lvchange -ay /dev/ datavg/datalv and then mount it.
C. The logical volume is OK but the /dev special files are missing. The administrator should recreate them by running /dev/MAKEDEV.
D. The logical volume file system has become corrupted. The administrator should repair it with xfs_repair/dev/datavg/datalv and then mount it.
Answer: (SHOW ANSWER)

NEW QUESTION: 235
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 -cvf /usr/domain domain.tar.gz
B. tar -cv domain.tar.gz /usr/domain
C. tar -cxzv /usr/domain domain.tar.gz
D. tar -czvf domain.tar.gz /usr/domain
Answer: (SHOW ANSWER)

NEW QUESTION: 236
Which of the following BEST describes the purpose of the X11 system?
A. X11 provides graphical display capabilities
B. X11 provides command line capabilities
C. X11 provides networking capabilities
D. X11 provides telephony capabilities.

Answer: (SHOW ANSWER)
Explanation/Reference: https://en.wikipedia.org/wiki/X_Window_System

NEW QUESTION: 237
An administrator wants to know the amount of memory installed on a Linux server. Which of the following commands can be used to accomplish this task?
A. cat /proc/sys/meminfo
B. cat /proc/meminfo
C. cat /sys/meminfo
D. cat /sys/proc/meminfo
Answer: C (LEAVE A REPLY)