

DUMPS ARENA

CompTIA Linux+ Certification Exam

CompTIA XK0-004

Version Demo

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QUESTION NO: 1

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**Explanation:**

Reference: <https://ostechnix.com/check-linux-system-physical-virtual-machine/>

QUESTION NO: 2

Some Bash scripts are being versioned and stored in a Git repository. Which of the following commands should the Linux administrator use to exclude tmp files from being added to the repository during any code adds and commits?

- A. `export GIT_IGNORE=tmp`
- B. `alias git=git commit --ignore=tmp`
- C. `echo .gitignore >> * tmp`
- D. `git config -- blacklist = tmp`

ANSWER: A**QUESTION NO: 3 - (SIMULATION)****SIMULATION**

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.

Linux Shell

```
[comptia@localhost ~]$ find / -name core
/tmp/core
[comptia@localhost ~]$ rm /tmp/core
rm: cannot remove '/tmp/core': Operation not permitted
[comptia@localhost ~]$ sudo rm /tmp/core
[comptia@localhost ~]$ find / -name core
[comptia@localhost ~]$
```

ANSWER: See explanation below.

Explanation:

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

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

QUESTION NO: 4

Which of the following is a file that can define how to build, deploy, and manage various components for a Linux application hosted in a cloud environment?

- A. OVF
- B. YAML
- C. Virsh
- D. VMM

ANSWER: B**QUESTION NO: 5**

Which of the following are classified as Linux GUI servers? (Choose two.)

- A. VNC
- B. KDE
- C. Gnome
- D. Wayland
- E. MATE
- F. X11

ANSWER: D F**QUESTION NO: 6**

A systems administrator would like to back up all of the '.conf' files on a server The administrator runs the command:

```
Find / --name "*"conf" > backup.tar
```

After investigating the backup, tar file the administrator realizes that the contents of the configuration files were not backed up properly. Which of the following would BEST accomplish this task?

- A. `find / -name "*"conf" | xargs -- verbose tar xvf backup.tar`
- B. `find/ -name "*"conf" exec echo { } \; > backup.tar`
- C. `find / -name "*"conf" | cpio -o --format=tar > backup.tar`
- D. `tar -jtf -<<$(find /-name "*"conf")`

ANSWER: A**QUESTION NO: 7**

Which of the following commands should a system administrator use to configure a passwordless login to remote system? (Select TWO.)

- A. Cp
- B. Ssh-agent
- C. Ssh-copy-id

- D. Ssh-keygen
- E. Ssh-add
- F. openssl

ANSWER: B C

QUESTION NO: 8

Which of the following are Linux desktop environments? (Select TWO).

- A. X11
- B. Wayland
- C. SPICE
- D. VNC
- E. MATE
- F. KDE

ANSWER: E F

QUESTION NO: 9

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

Explanation:

Reference: <https://stackoverflow.com/questions/19602181/how-to-extract-one-column-of-a-csv-file>

QUESTION NO: 10

Which of the following would allow remote users to access a corporate server? (Choose two.)

- A. VPN server
- B. SMTP server
- C. NTP server
- D. SSH server
- E. DHCP server
- F. File server

ANSWER: A D

QUESTION NO: 11

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

Explanation:

Reference: <https://askubuntu.com/questions/215505/how-do-you-monitor-the-progress-of-dd>

QUESTION NO: 12

A company requires all servers to be configured with the BIOS on Coordinated Universal Time and the OS on Central Standard Time.

Which of the following can be used to change the time according to these requirements? (Choose two.)

- A. `localectl`
- B. `LC_ALL`
- C. `date`
- D. `time`

E. hwclock

F. crontab

ANSWER: C E

QUESTION NO: 13

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

A. /etc/network

B. /etc/resolv.conf

C. /etc/nsswitch.conf

D. /etc/hosts

ANSWER: B

Explanation:

Reference: <https://www.tecmint.com/find-my-dns-server-ip-address-in-linux/>

QUESTION NO: 14

A systems administrator installed Git on a new workstation and wants to ensure all Git projects on this machine are initialized with the same username and email address. Which of the following should the administrator use to meet this goal? (Choose two.)

A. `git config --global user.name = "James Doe"`

B. `echo 'email.addr = "jdoe@comptia.org"' >> .git/.gitconfig`

C. `echo 'username' = "James Doe" >> .git/.gitconfig`

D. `git config username = "James Doe"`

E. `git config --global user.email = "jdoe@comptia.org"`

F. `git config email.addr = jdoe@comptia.org"`

ANSWER: A E

QUESTION NO: 15

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 apache2
- C. apt-get --reinstall install apache2
- D. apt-get --reinstall apache2

ANSWER: A B

QUESTION NO: 16

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 apache2
- C. apt-get --reinstall install apache2
- D. apt-get --reinstall apache2

ANSWER: A B

Explanation:

Reference: <https://askubuntu.com/questions/111770/how-reinstall-apache2>

QUESTION NO: 17

A Linux administrator needs to schedule a cron job to run at 1:15 p.m. every Friday to report the amount of free disk space on the system and to send the output to a file named "freespace". Which of the following would meet this requirement?

- A. 13 15 * * 5 df > /freespace
- B. 15 13 * * 5 df > /freespace
- C. 15 1 * * 6 df > /freespace
- D. 15 13 6 * * df > /freespace

ANSWER: A

QUESTION NO: 18 - (DRAG DROP)

DRAG DROP

The lead Linux admin 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.

Select and Place:

1

2

3

4

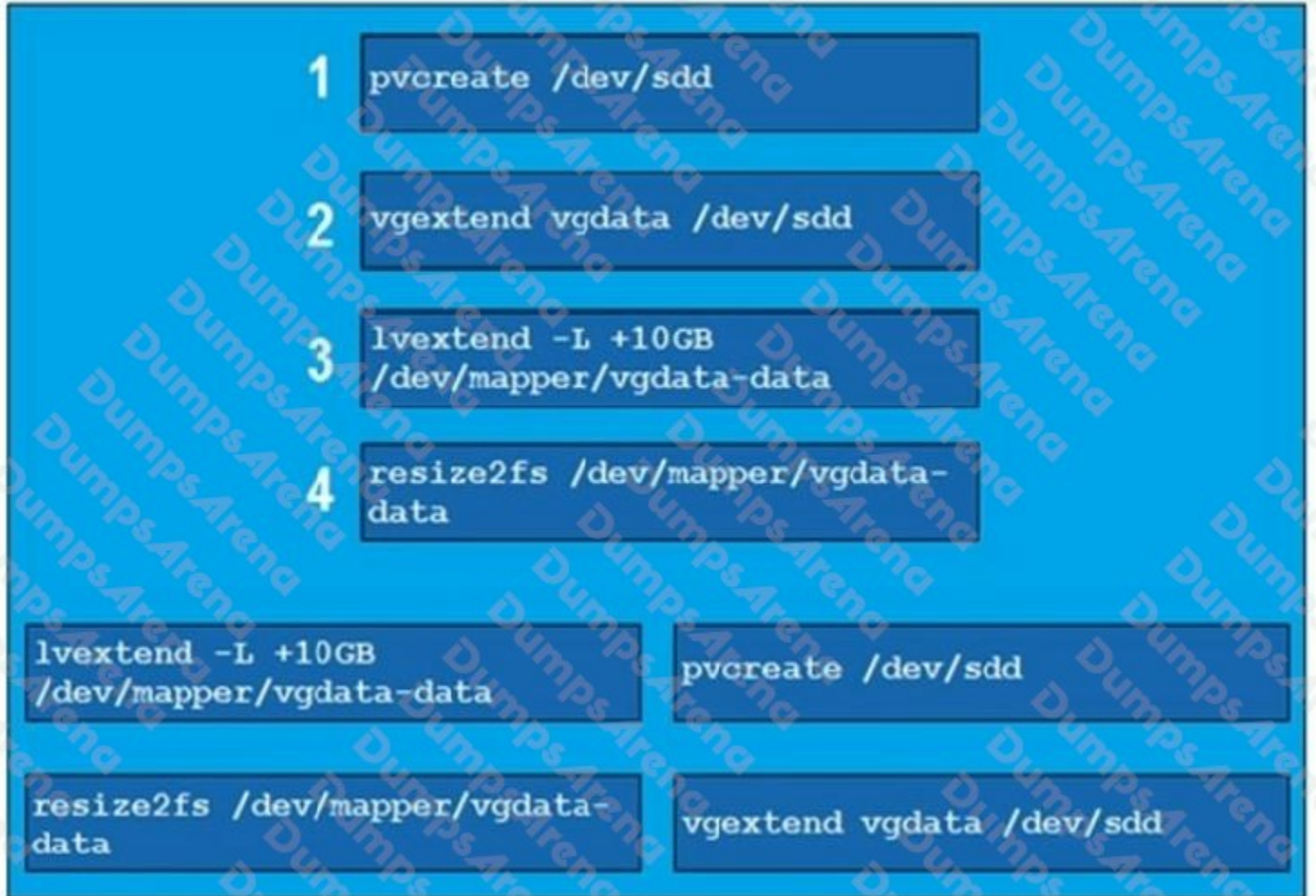
```
lvextend -L +10GB /dev/mapper/vgdata-data
```

```
pvcreate /dev/sdd
```

```
resize2fs /dev/mapper/vgdata-data
```

```
vgextend vgdata /dev/sdd
```

ANSWER:

**Explanation:**

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

QUESTION NO: 19

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**Explanation:**

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

QUESTION NO: 20

A technician wants to secure a sensitive workstation by ensuring network traffic is kept within the local subnet. To accomplish this task, the technician executes the following command:

```
echo 0 > /proc/sys/net/ipv4/ip_default_ttl
```

Which of the following commands can the technician use to confirm the expected results? (Choose two.)

- A. tcpdump
- B. traceroute
- C. route
- D. iperf
- E. ip
- F. arp

ANSWER: C F