



XK0-005^{Q&As}

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**QUESTION 1****CORRECT TEXT**

Junior system administrator had trouble installing and running an Apache web server on a Linux server. You have been tasked with installing the Apache web server on the Linux server and resolving the issue that prevented the junior administrator from running Apache.

INSTRUCTIONS

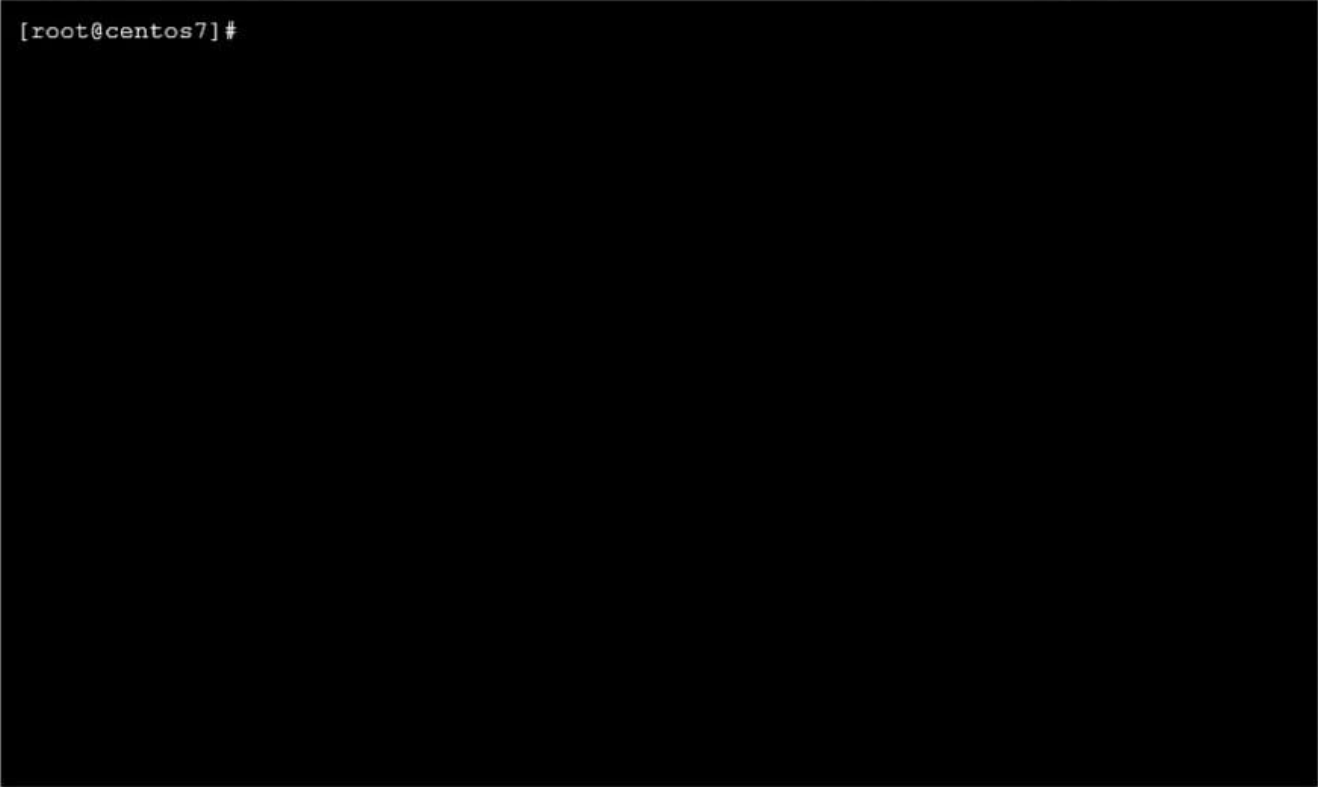
Install Apache and start the service. Verify that the Apache service is running with the defaults.

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

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

CentOS Command Prompt

```
[root@centos7]#
```



- A. See the explanation below.
- B. Placeholder
- C. Placeholder
- D. Placeholder

Correct Answer: A



```
yum install httpd systemctl --now enable httpd systemctl status httpd netstat -tunlp | grep 80 pkill systemctl restart httpd systemctl status httpd
```

QUESTION 2

A systems administrator detected corruption in the /data file system. Given the following output:

```
root@localhost ~]# lsblk -f
```

NAME	FSTYPE	LABEL/UUID	MOUNTPOINT
sda			
sda1	vfat	4E7D-9539	/boot/efi
sda2	xf	98442caf-473d-448e-ae5-561a82297314	/boot
sda3	swap	19f064e4-7c51-4b02-8219-99362a3c45ec	[SWAP]
sda4	xf	25d96ada-4289-4def-9202-6ab11affbed3	/
sda5	xf	61435ee9-855d-4de9-9c67-39aeb7f3edb5	/home
sdc			
sdc1	ext4	92435ff9-745e-4fg9-9c67-39aeb7f3exf5	/data

Which of the following commands can the administrator use to BEST address this issue?

- A. `umount /data mkfs.xfs /dev/sdc1 mount /data`
- B. `umount /data xfs repair /dev/sdc1 mount /data`
- C. `umount /data fsck /dev/sdc1 mount /data`
- D. `umount /data vs /dev/sdc1 mount /data`

Correct Answer: C

QUESTION 3



The security team has identified a web service that is running with elevated privileges. A Linux administrator is working to change the systemd service file to meet security compliance standards. Given the following output: Which of the following remediation steps will prevent the web service from running as a privileged user?

```
[Unit]
Description=CompTIA server daemon
Documentation=man:webserver(8) man:webserver_config(5)
After=network.target

[Service]
Type=notify
EnvironmentFile=/etc/webserver/config
ExecStart=/usr/sbin/webserver -D $OPTIONS
ExecReload=/bin/kill -HUP $MAINPID
KillMode=process
Restart=on-failure
RestartSec=42s

[Install]
WantedBy=multi-user.target
```

- A. Removing the ExecStarWusr/sbin/webserver -D \$OPTIONS from the service file
- B. Updating the Environment File line in the [Service] section to /home/websevice/config
- C. Adding the User=websevice to the [Service] section of the service file
- D. Changing the:multi-user.target in the [Install] section to basic.target

Correct Answer: A

QUESTION 4

A Linux administrator needs to create a new cloud.cpio archive containing all the files from the current directory. Which of the following commands can help to accomplish this task?

- A. ls | cpio -iv > cloud.epio
- B. ls | cpio -iv
- C. ls | cpio -ov > cloud.cpio
- D. ls cpio -ov

Correct Answer: C

- C. ls | cpio -ov > cloud.cpio



The `cpio` command is used to create and extract archive files in the `cpio` format. The `-o` option is used to create an archive file, and the `-v` option provides verbose output during the creation process. This will pipe the output of the `ls` command (which lists the files in the current directory) into the `cpio` command, which will create a new archive file `cloud.cpio` containing all the listed files. The `>` symbol is used to redirect the output of the `cpio` command to the `cloud.cpio` file, overwriting any existing file with the same name.

QUESTION 5

A senior Linux administrator has created several scripts that will be used to install common system applications. These scripts are published to a repository to share with the systems team. A junior Linux administrator needs to retrieve the scripts and make them available on a local workstation. Which of the following Git commands should the junior Linux administrator use to accomplish this task?

- A. `fetch`
- B. `checkout`
- C. `clone`
- D. `branch`

Correct Answer: C

Reference: <https://stackoverflow.com/questions/18525152/git-clone-and-checkout-in-a-single-command>

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