



# XK0-004<sup>Q&As</sup>

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**QUESTION 1**

A systems administrator is editing a service file for the web server. In order to continue testing, all web server processes must be shut down. The administrator accomplishes this with the following commands:

```
root@linux:~# ps -ef | grep apache
root 1629 1 1 14:41 ? 00:00:00 /usr/sbin/apache2 -k start
www-data 1630 1629 0 14:41 ? 00:00:00 /usr/sbin/apache2 -k start
www-data 1631 1629 0 14:41 ? 00:00:00 /usr/sbin/apache2 -k start
www-data 1632 1629 0 14:41 ? 00:00:00 /usr/sbin/apache2 -k start
www-data 1633 1629 0 14:41 ? 00:00:00 /usr/sbin/apache2 -k start
www-data 1634 1629 0 14:41 ? 00:00:00 /usr/sbin/apache2 -k start
www-data 1635 1629 0 14:41 ? 00:00:00 /usr/sbin/apache2 -k start
root 1637 1371 0 14:41 pts/0 00:00:00 grep apache
root@linux:~# kill -15 1629
root@linux:~# ps -ef | grep apache
root 1650 1371 0 14:41 pts/0 00:00:00 grep apache
root@linux:~#
```

Based on the command output above, which of the following BEST explains how this was accomplished?

- A. Killing the parent process with -15 gives it a chance to kill all of the child processes.
- B. The -15 signal will allow the kill command to automatically seek out all child processes and kill them as well.
- C. The -15 signal tells the kill command to kill all processes matching the Apache string.
- D. The -15 signal gracefully kills the process and all its parent and child processes.

Correct Answer: A

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**QUESTION 2**

A Linux user needs to connect to a remote email server named mail.foo.com through the SMTP port.

Which of the following commands will accomplish this task?

- A. traceroute mail.foo.com 25
- B. netcat mail.foo.com 25
- C. traceroute mail.foo.com 110
- D. netcat mail.foo.com 110

Correct Answer: B

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**QUESTION 3**

When requesting SSH access to a remote system, a user accidentally emailed the `id_rsa` key to the administrator. Which of the following should the user do NEXT?

- A. Run the `ssh-add` command to add the remote system to `known_hosts`.
- B. Ask the administrator to run `chmod 600 id_rsa` on the remote system.
- C. Delete `id_rsa` key file and send the `id_rsa.pub` key file instead.
- D. Stop using that key and run `ssh-keygen` to generate a new key pair.

Correct Answer: D

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**QUESTION 4**

A Linux administrator is troubleshooting an issue with a shell script. Users in the accounting department are unable to run the script, but users in the sales department are not having issues. Users in both departments should be able to run the

script. The administrator checks the permissions on the script and receives the following information:

```
-r-xr-xr-- joe sales script.sh
```

Which of the following commands should the administrator execute to resolve the problem?

- A. `chgrp accounting script.sh`
- B. `chmod 644 script.sh`
- C. `chown accounting script.sh`
- D. `chmod a+x script.sh`

Correct Answer: B

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**QUESTION 5**

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

Correct Answer: BF

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>

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