



# XK0-005<sup>Q&As</sup>

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### QUESTION 1

A systems administrator made some changes in the `~/.bashrc` file and added an alias command. When the administrator tried to use the alias command, it did not work. Which of the following should be executed FIRST?

- A. `source ~/.bashrc`
- B. `read ~/.bashrc`
- C. `touch ~/.bashrc`
- D. `echo ~/.bashrc`

Correct Answer: A

- A. `source ~/.bashrc`

The `source` command is used to re-read a shell configuration file and make its changes effective immediately in the current shell session. In this case, the administrator made changes to the `~/.bashrc` file and added an alias command, but the alias is not working. To make the changes in the `~/.bashrc` file effective, the administrator should run the following command: `source ~/.bashrc`

This will cause the shell to re-read the `~/.bashrc` file and apply the changes, including the new alias. After running this command, the administrator should be able to use the alias as expected.

Option B is incorrect because the `read` command is used to read input from the user, not to re-read a configuration file. Option C is incorrect because the `touch` command is used to update the modification time of a file, not to re-read a configuration file. Option D is incorrect because the `echo` command is used to display text on the screen, not to re-read a configuration file.

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### QUESTION 2

A Linux administrator recently downloaded a software package that is currently in a compressed file. Which of the following commands will extract the files?

- A. `unzip -v`
- B. `bzip2 -z`
- C. `gzip`
- D. `funzip`

Correct Answer: A

opposite of `gzip` is `gunzip`...`gzip` compresses, `gunzip` uncompresses ... just because `.gz` suffix on a file, it will not uncompress with `gzip`...needs `gunzip # gzip file.gz gzip: file.gz already has .gz suffix -- unchanged`

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### QUESTION 3

A Linux engineer is setting the sticky bit on a directory called `devops` with `755` file permission. Which of the following



commands will accomplish this task?

- A. chown -s 755 devops
- B. chown 1755 devops
- C. chmod -s 755 devops
- D. chmod 1755 devops

Correct Answer: D

- D. chmod 1755 devops

The sticky bit is a special permission that can be set on directories, and it is represented by the number "1" in the binary representation of the file permission mode. To set the sticky bit and keep the 755 file permission, you would set the permission mode to 1755. The "chmod 1755 devops" command sets the file permission mode to 1755, which includes the sticky bit and the 755 file permissions.

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#### QUESTION 4

A Linux administrator is tasked with adding users to the system. However, the administrator wants to ensure the users' access will be disabled once the project is over. The expiration date should be 2021-09-30. Which of the following commands will accomplish this task?

- A. sudo useradd -e 2021-09-30 Project\_user
- B. sudo useradd -c 2021-09-30 Project\_user
- C. sudo modinfo -F 2021-09-30 Project\_uses
- D. sudo useradd -m -d 2021-09-30 Project\_user

Correct Answer: A

The correct command to accomplish the task is A: sudo useradd -e 2021-09-30 Project\_user. The -e option is used to specify the expiration date for the user account.

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#### QUESTION 5

Joe, a user, is unable to log in to the Linux system Given the following output:

```
# grep joe /etc/passwd /etc/shadow
/etc/passwd:joe:x:1001:1001::/home/joe:/bin/nologin
/etc/shadow:joe:$6$3u0w6qWx9876jGhgKJsdFh987634534voj.:18883:0:99999:7:::
```

Which of the following command would resolve the issue?

- A. usermod -s /bin/bash joe
- B. pam\_tally2 -u joe -r



C. passwd -u joe

D. chage -E 90 joe

Correct Answer: A

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