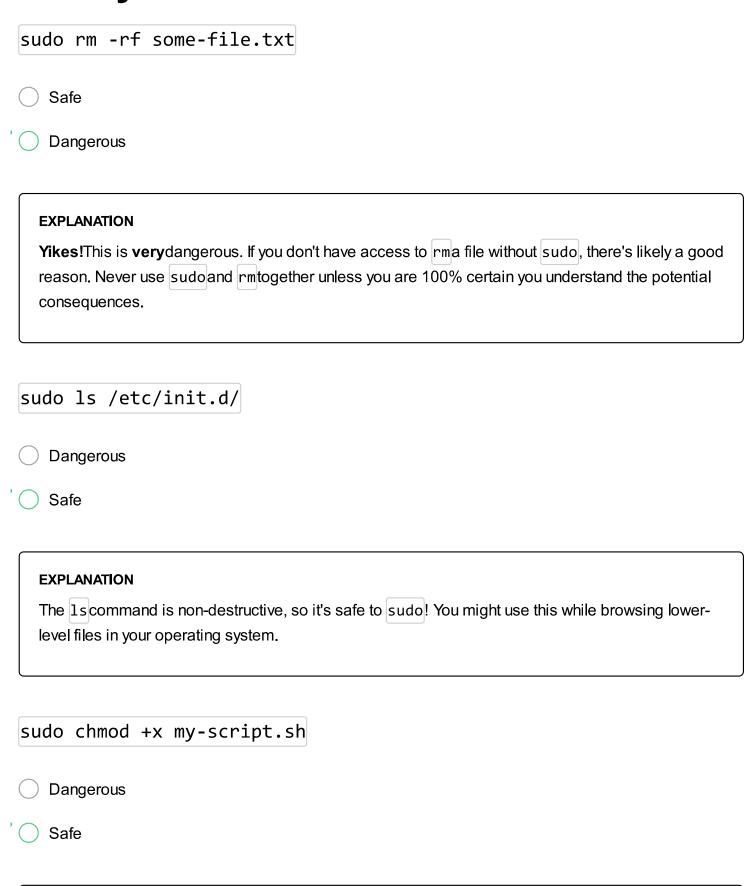
Safety with sudo Quiz

EXPLANATION



Using chmod to update the executable permission of a file is generally safe, but it's up to you to understand what that file will do when executed. You should never make scripts you've downloaded from the Internet executable unless you've read & understand the file's contents.

sudo chmod 777 ~/my-private-file
Safe
Dangerous
EXPLANATION
777 is the octal permissions notation for "everyone can do everything to this file". It's very unlikely that you want any file totally accessible to every person that uses your system! Whenever you see this command, think carefully: is there a less-permissive way to grant access to only the users that need this file, maybe by adding them to a group?
<pre>sudo cp /var/www/index.html /var/www/index.js</pre>
Safe
○ Dangerous
EXPLANATION The cpcommand changes the filesystem, but it doesn't remove any existing files - it just adds a new one! This is safe to sudo as you're very unlikely to cause negative side effects.
<pre>sudo mv /var/www/index.html /var/www/index.js</pre>

Safe

' Dangerous

EXPLANATION

Using mv moves a file and might cause problems with other applications that depend on the original file. This is destructive behavior; you should never sudo destructive behavior.