

chmod 0700 file.txt

- 0 – Use set setuid, setgid, or sticky bit
- 7 – Full permission for owner (rwx = 4+2+1=7)
- 0 – Remove group permission (— = 0+0+0=0)
- 0 – Remove world permission (— = 0+0+0=0)

### File protection with chmod

Command	Meaning
<b>chmod 400 file</b>	To protect a file against accidental overwriting.
<b>chmod 500 directory</b>	To protect yourself from accidentally removing, renaming or moving files from this directory.
<b>chmod 600 file</b>	A private file only changeable by the user who entered this command.
<b>chmod 644 file</b>	A publicly readable file that can only be changed by the issuing user.
<b>chmod 660 file</b>	Users belonging to your group can change this file, others don't have any access to it at all.
<b>chmod 700 file</b>	Protects a file against any access from other users, while the issuing user still has full access.
<b>chmod 755 directory</b>	For files that should be readable and executable by others, but only changeable by the issuing user.
<b>chmod 775 file</b>	Standard file sharing mode for a group.
<b>chmod 777 file</b>	Everybody can do everything to this file.