Special Permissions - SUID (Set User ID)

- Besides r, w and x for the owner, group and others there are 3 extra special permissions for each file or directory: **SUID** or Set User ID, **SGID** or Set Group ID and **Sticky Bit**.
- These special permissions are for a file or directory overall, not just for a user category.
- When an executable file with SUID is executed then the resulting process will have the permissions of the owner of the command, not the permissions of the user who executes the command.

Setting SUID:

- Absolute Mode: chmod 4XXX file
- Relative Mode: chmod u+s file

ls -l /usr/bin/passwd

-rw**s**r-xr-x 1 root root 68208 apr 16 15:36 /usr/bin/passwd