

Q.1 How to change umask value permanently?

A.2 write a new umask value in your shell's configuration file (~bashrc for bash) or in the /etc/profile file.

Q.2 Add new user without using adduser or useradd.

A.2 1) add an entry for user in /etc/passwd file.

2) add an entry for group in etc/grp file.

3) create the home directory for the added user.

4) set the new user password using the passwd command.

Q.3 Can we the umask value to 0888. If yes then how. If not then why?

A.3 No , we cannot change the value to 0888 because r=4 , w=2 , x=1 . Maximum value is 7 i.e rwx=7. Max value is 0777.

Q.4 How to add a new user with a unique id(e.g. 1345) & check out the unique id of that user.

A.4 sudo useradd -u 1500 username

id -u username

1500 output

Q.5 How to change the group of any folder.

A.5 command to change the group:

chgrp group file

5(a) After this checkout the groupname of the files present in that folder.

ls -l

5(b) Try to change the group of the folder & the files present in the same folder using a single command.

sudo chgrp -R groupname filename