**How to create a group?**

sudo groupadd group\_name

**How to assign a user to a group?**

sudo usermod -aG group\_name username

//-aG: append the user to a group without removing them from other groups

**What is sudoers group?**

-We assign a user to sudoers group to allow them to execute commands with root privileges using sudo command

**How to assign a user to a sudoers group?**

sudo usermod -aG sudo username

<https://chatgpt.com/share/67ac614a-7b14-8010-b862-181b5d7e0107>

<https://www.youtube.com/watch?v=K3RlggVgkrY>

<https://youtu.be/8NxbmCkuX14?si=tl3HRFq2PKL1E6WT>

**What is the difference between chmod and ACL (Access control list)?**

-chmod is only able to give permission to user owner, group owner, and others, while ACL is able to give permission to special users or special groups.

**To set ACL for a file or directory:**

setfacl -m u:name:permission file\_name // setfacl -m g:name:permission file\_name

-m: to modify or add ACL

u: user

g: group

name: user or group name

permission: r for read, w for write, x for execute

**To view the ACL for a file or directory:** getfacl file\_name **A computer screen shot of a program

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<https://chatgpt.com/share/67ac764c-f474-8010-b6da-92eb96570bee>

https://www.youtube.com/watch?v=aIIgtFmWfzo