**Linux Useful Hacks**

1. **Creating user: -**

sudo adduser username

1. **Updating Password**

passwd username

1. **Sudo Privilege:**

**Opening the sudo file: -** username ALL=(ALL:ALL) ALL

**Ex: -** root ALL=(ALL:ALL) ALL

From any Group

Any Command

Any User

means any host or machine

Ex:- somesh localhost= somesh:somesh /bin/ls

This indicates that the somesh user can execute /bin/ls on localhost as a somesh user from the somesh group.

**Simple command: -**

Sudo usermod -aG groupname username

**sudo usermod -aG sudo somesh**

1. **Ssh over EC2 instance using Password**

* Create a User and password
* Update the **/etc/ssh/sshd\_config** file
* Set **PasswordAuthentication** **Yes**
* Update the **/etc/ssh/sshd\_config.d** file
* Set **PasswordAuthentication** **Yes**
* Verify using ssh username@Ip

**Important Directories:-**

**/etc/sudoers.d**

**/etc/sudoers**

**/etc/sudo**

**Sudo visudo**

**Screen**

The screen is the utility in Linux that allows you to open multiple bash terminals or windows for a user to work and monitor that continuously. Every command or shortcut in screen works after ctrl a then + any key.

Install Screen

**sudo apt install screen**

verify that screen has been installed

**which screen 🡺** /usr/bin/screen

Start the screen session

**Screen**

Press **space\_bar**

Screen has been started.

Create a New Screen

Hit **ctrl a + c**

Check which screen you are currently

**ctrl a + w 🡺** look below the screen you will see the window number 0\*$ bash 1$ bash 2-$ bash

**\*** Denotes the current screen

**-**  Denotes the previous screen

Toggle between screens

For forward screen use ctrl a + n

For backward screen use ctrl a + p

For a particular screen use ctrl a + no. (ex-0)

Set window name

**ctrl a + A**

Terminate the window or kill

**ctrl a + k 🡺 y**

Detach from the scrcteen

**ctrl a + d**

Rejoin the detached window

**screen -r**

Sharing the terminal with others

**screen -x**

Terminate all screen windows in one go

**ctrl a + \ 🡺 y**

copy text and paste to any screen

**ctrl a + [ 🡺 Enter 🡺 select by moving curse using hjkl 🡺 Enter at end of curser 🡺 ctrl a + ] for paste.**