Born2beroot

Instrucciones

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- Working with users and groups
  - Listing users → **cat /etc/passwd**
  - *Listing groups → **cat /etc/group***
  - Adding users → **sudo useradd -aG <urser login>**
  - *Adding gooups → **sudo addgroup <group name>***
  - *Assign users to groups: **usermod -aG <group> <user>***
- General packages to install
  - **sudo apt install vim**
  - **sudo apt install git**
  - **sudo apt install wget**
  - **sudo apt install zsh** (easy bash system it is optional.
  - **sh –c "$(wget https://raw.github.com/robbyrussell/oh-my-zsh/master/tools/install.sh -O-)"**
  - **sudo apt install build-essential dkms linux-headers-$(uname-r)** (to activate copy paste)

    Install special packages
  - ssh
    - **sudo apt install openssh-server**
    - **sudo systemstatus ssh**
    - **service ssh restart**
    - ***vim /etc/ssh/sshd_config*** → change port 22 to 4242
    - ***vim /etc/ssh/ssh_config*** → change port 22 to 4242
    - **sudo service ssh status**
    - **sudo service ssh restart**
    - **ssh <user>@<ipadress> -p port** → to connect with machine
  - sfw
    - **sudo apt install sfw**
    - **sudo ufw enable**
    - **sudo status numbered**
    - **sudo ufw allow ssh**
    - **sudo ufw allow 4242**
    - **Sudo ufw delete <number>**

- Password quality tool
  - **sudo apt install libpam-pwquality**
  - Edit & modufy **/ect/pam.d/common-password** *(minlen=10 lcredit =-1 ucredit =-1 dcredit=-1 maxrepeat =3 reject_username difok = 7 enforce_for_root)*
  - Edit & modify **/etc/login refs** (PASS_MAX_CODE 30 , PASS_MIN-CODE 2 , PASS_WARN_CODE 7)
  - Edit **/etc/sudoers**
    - **Defautls scure path = „…"**
    - **Defaults passwd_tries = 3**
    - **Defaults badpass_message = „Password wrong. Please try again"**
  - Edit **/var/log/sudo**
    - **Defaults logfile = „/var/log/sudo/sudo.log"**
    - **Defaults log_input, log_output**
    - **Defaults requiretty**
    - **Defaults secure_path = "/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin:/snap/bin"**
  - Change hostname
    - **hostnamectl**
    - **hostnamectl set_hostmane <newhostname> --static**
    - Edit **/ect/hosts**
      - **127.0.0.1 <localhost>**
      - **127.0.1.1 <newhostname>**
    - **sudo reboot**
  - Chrontab
    - **sudo apt install net-tools**
    - **sudo crontab -u root -e**
    - Edit **/usr/local/bin/monitoring.sh**
      - **127.0.0.1 <localhost>**
      - **127.0.1.1 <newhostname>**
    - **sudo reboot**