

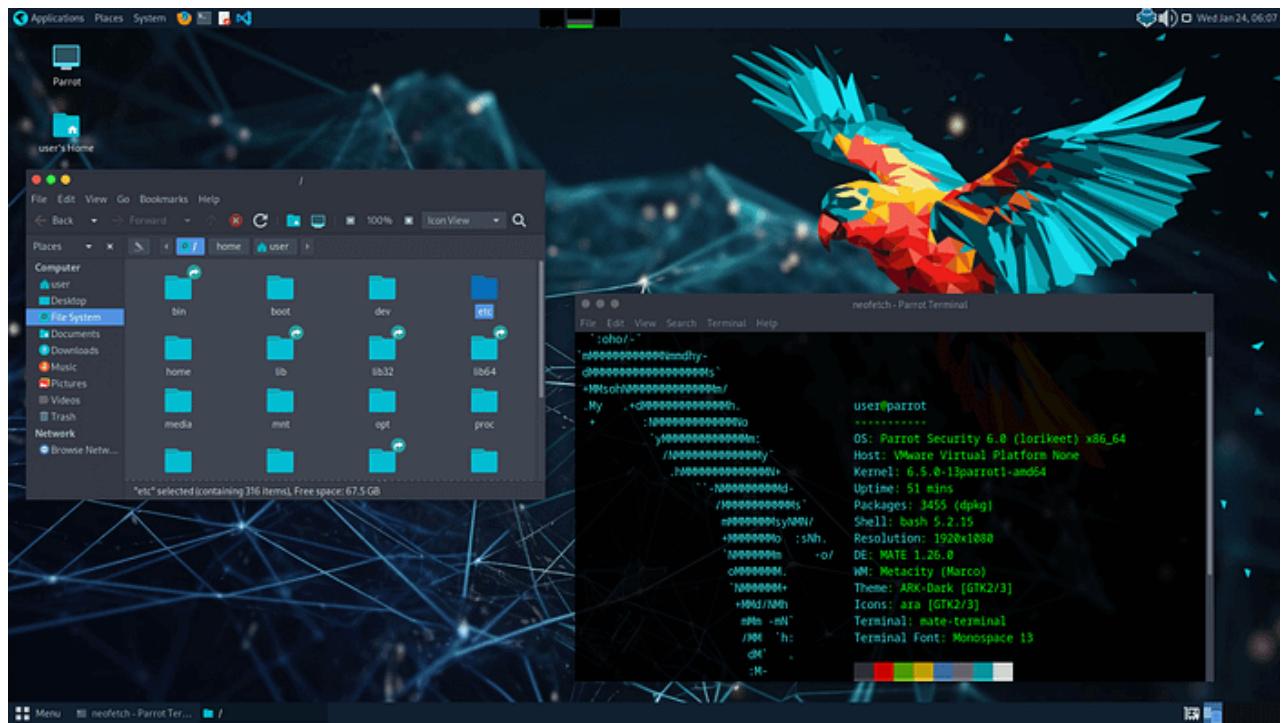
Install Parrot OS 6

 infosecwriteups.com/install-parrot-os-6-d377660205cd

Cyb3r-Kr4k3s

2 февраля 2024 г.

Looking to hide highlights? You can now hide them from the “...” menu.



A few days ago Parrot OS version 6 was released and in this new post we are going to install it in a VM and see what's the latest features of this new version.

Parrot Security

Parrot Security website

www.parrotsec.org

What we will learn in this Post



For this Post we are going to learn the following Parrot installation methods and their main new features

What's new in Parrot OS 6

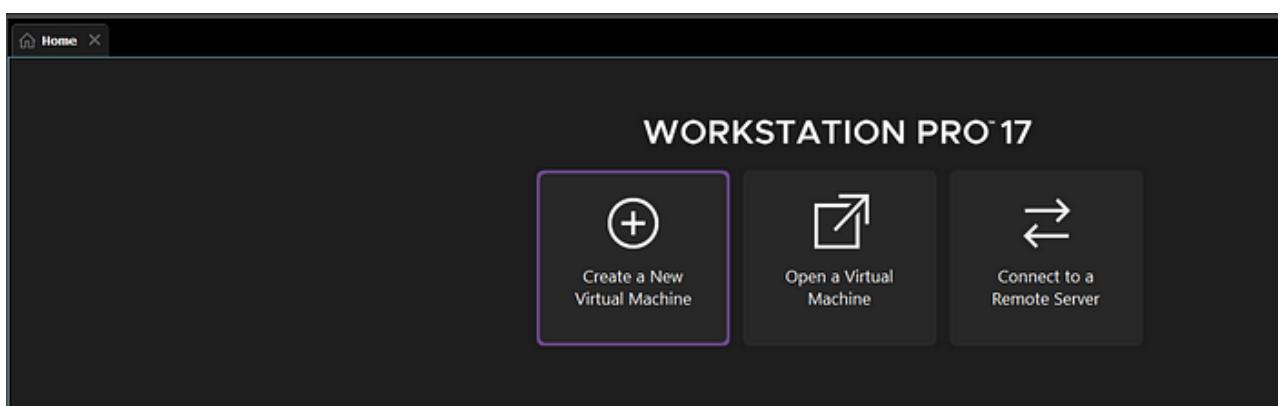


VMWare WorkStation

1.- Install Parrot OS 6 in VMWare

VM Configuration (VMWare Pro17)

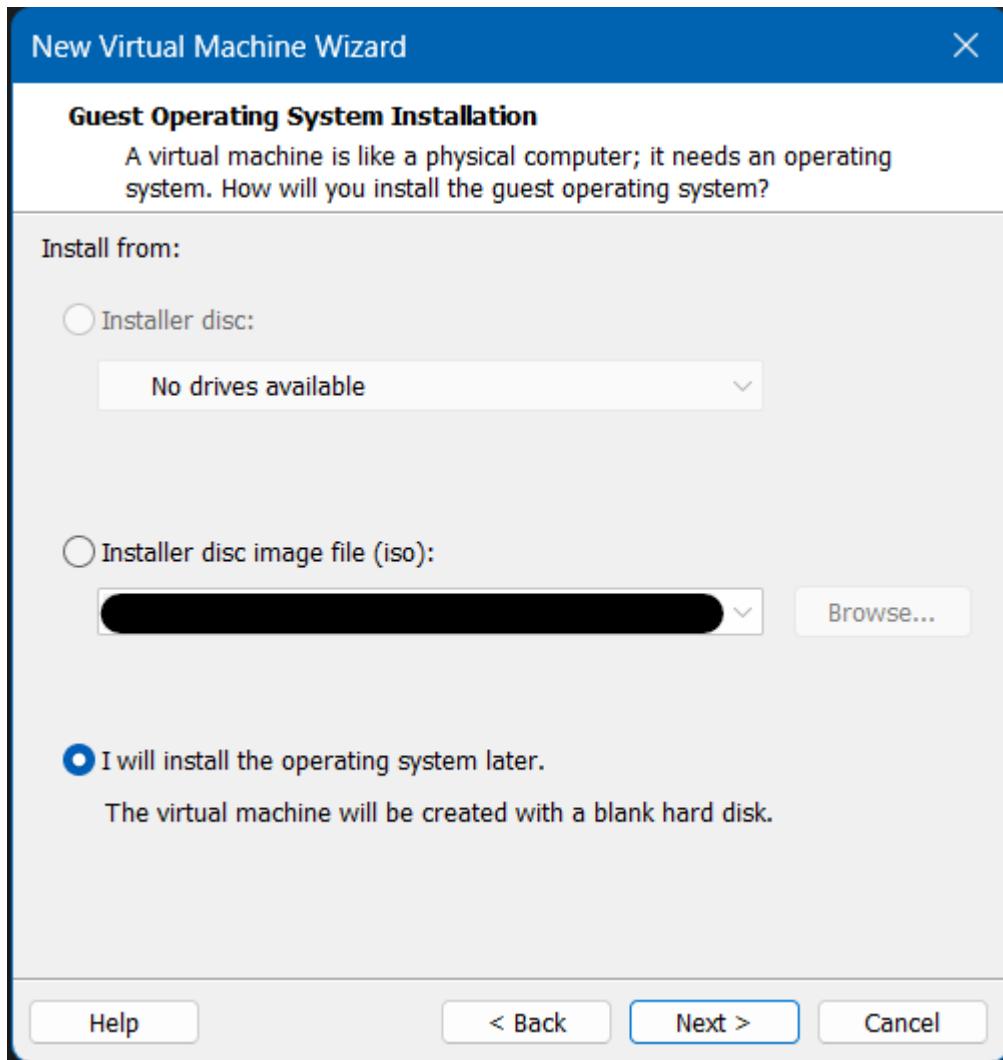
1.1.- Click on Create a New Virtual Machine



1.2.- Once the wizard is displayed click on Typical and click next



1.3.- Select “I will install the Operating System Later” and click next



1.4.- Select Linux and Debian 12.X 64-bit Version and click next

New Virtual Machine Wizard

X

Select a Guest Operating System

Which operating system will be installed on this virtual machine?

Guest operating system

- Microsoft Windows
- Linux
- VMware ESX
- Other

Version

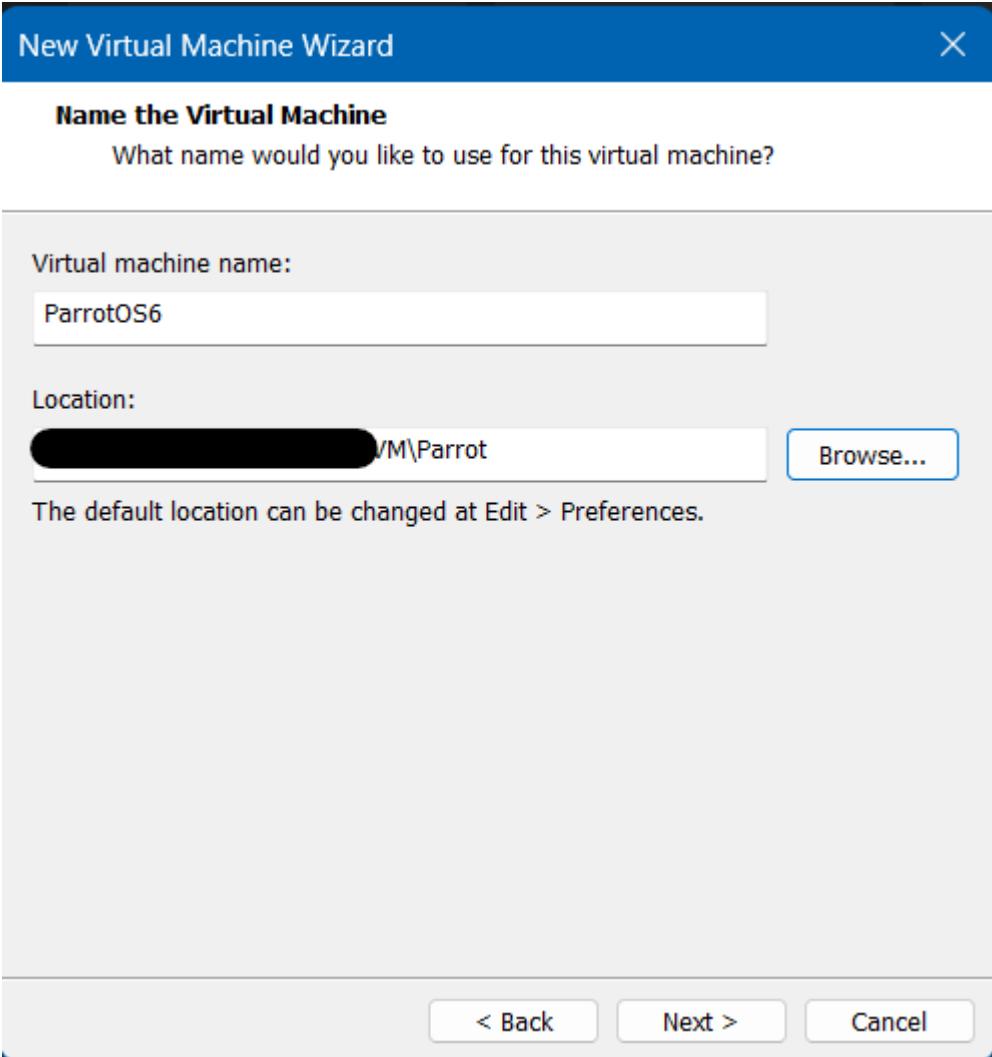
Debian 12.x 64-bit

Help

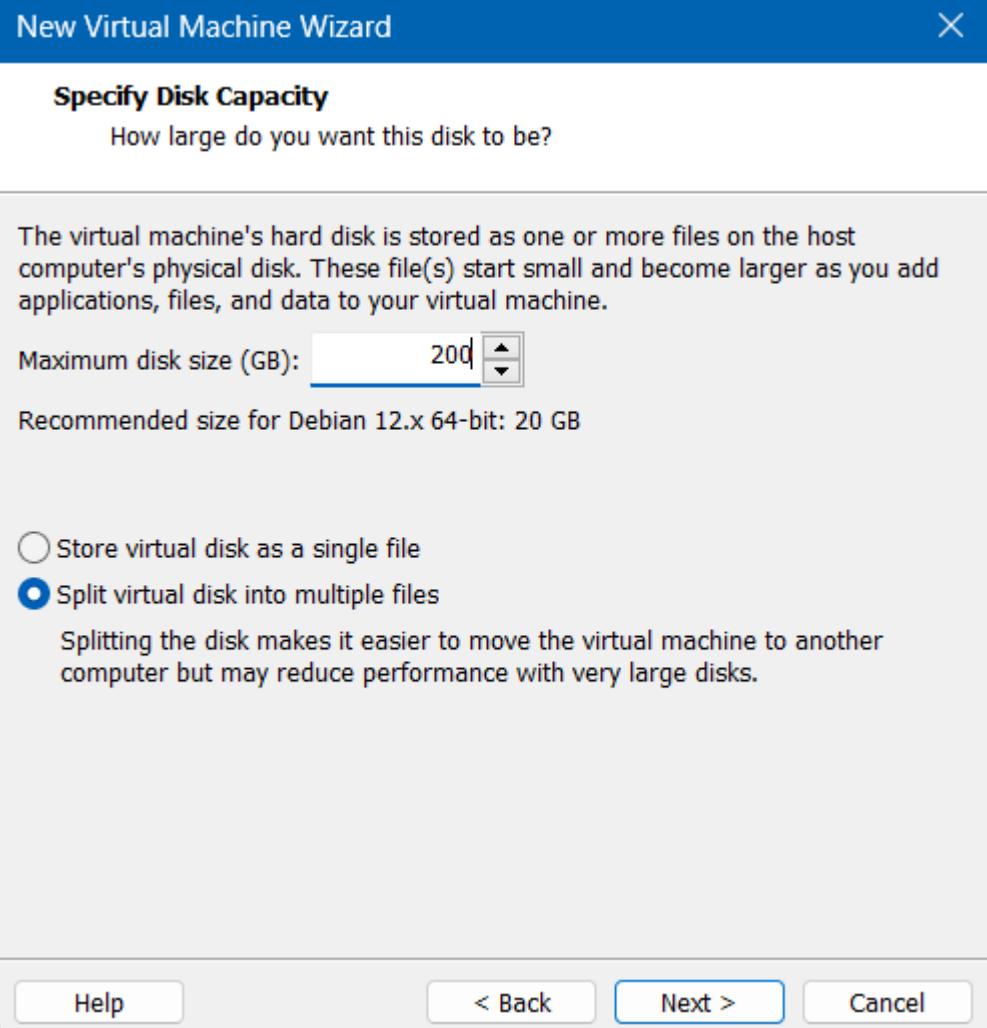
< Back

Next >

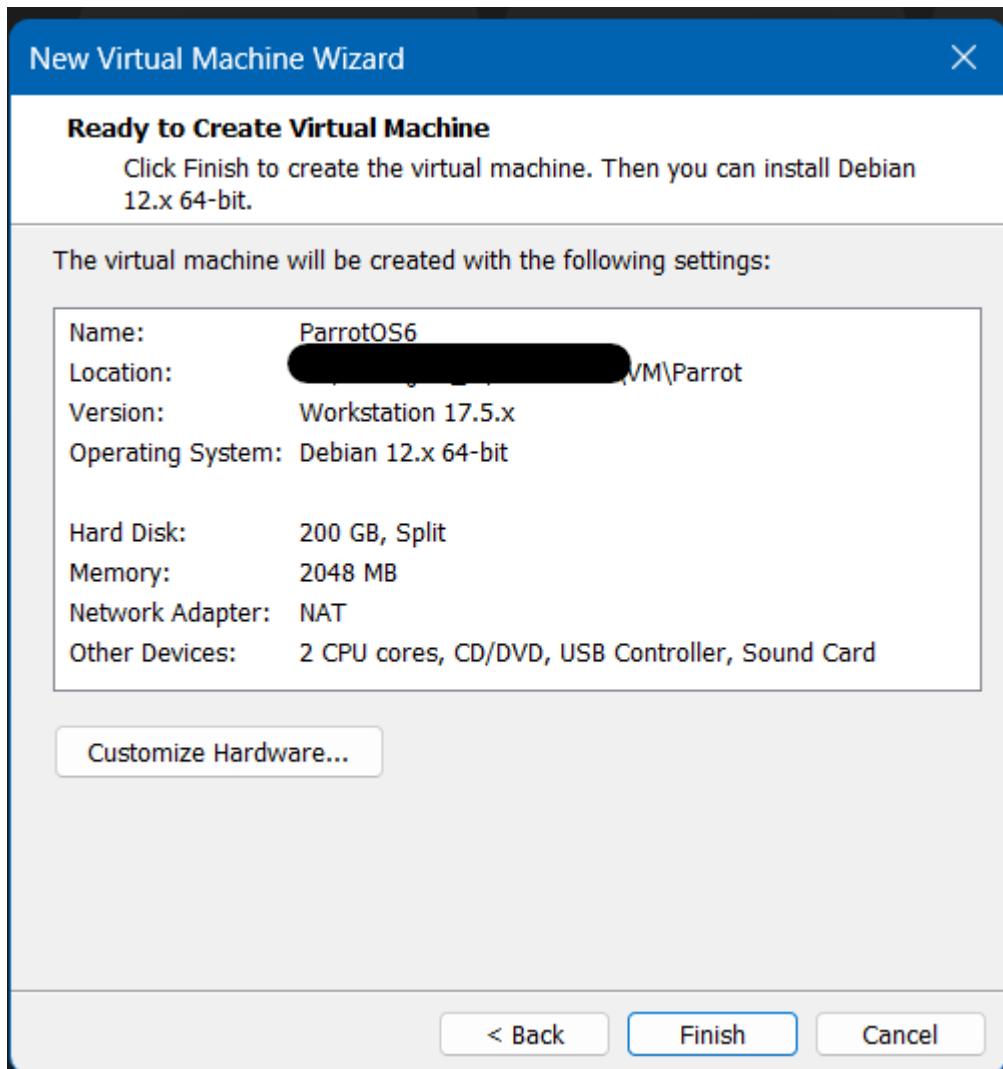
Cancel



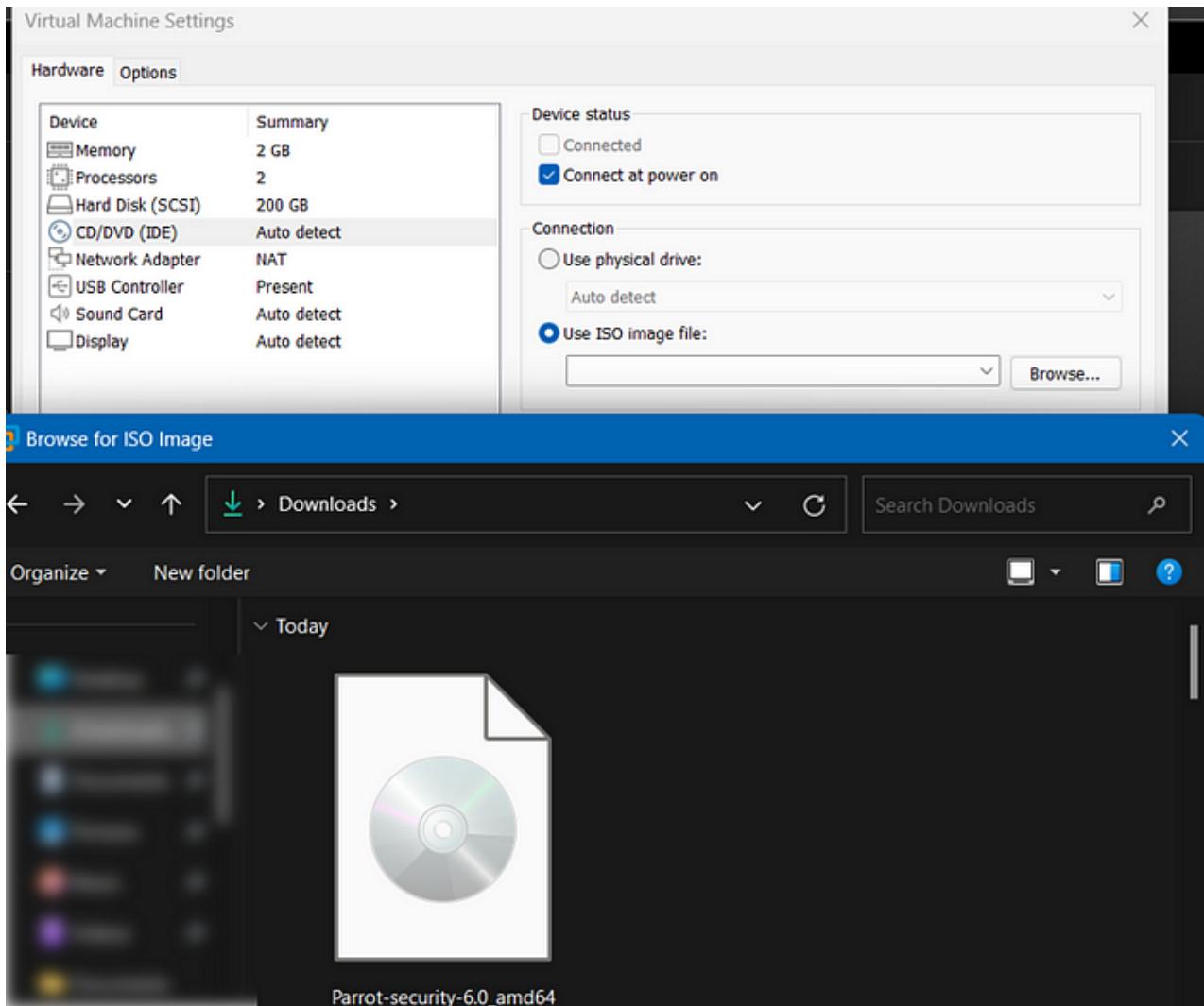
1.6.- We assign the hard disk space in my case it is 200GB and click next



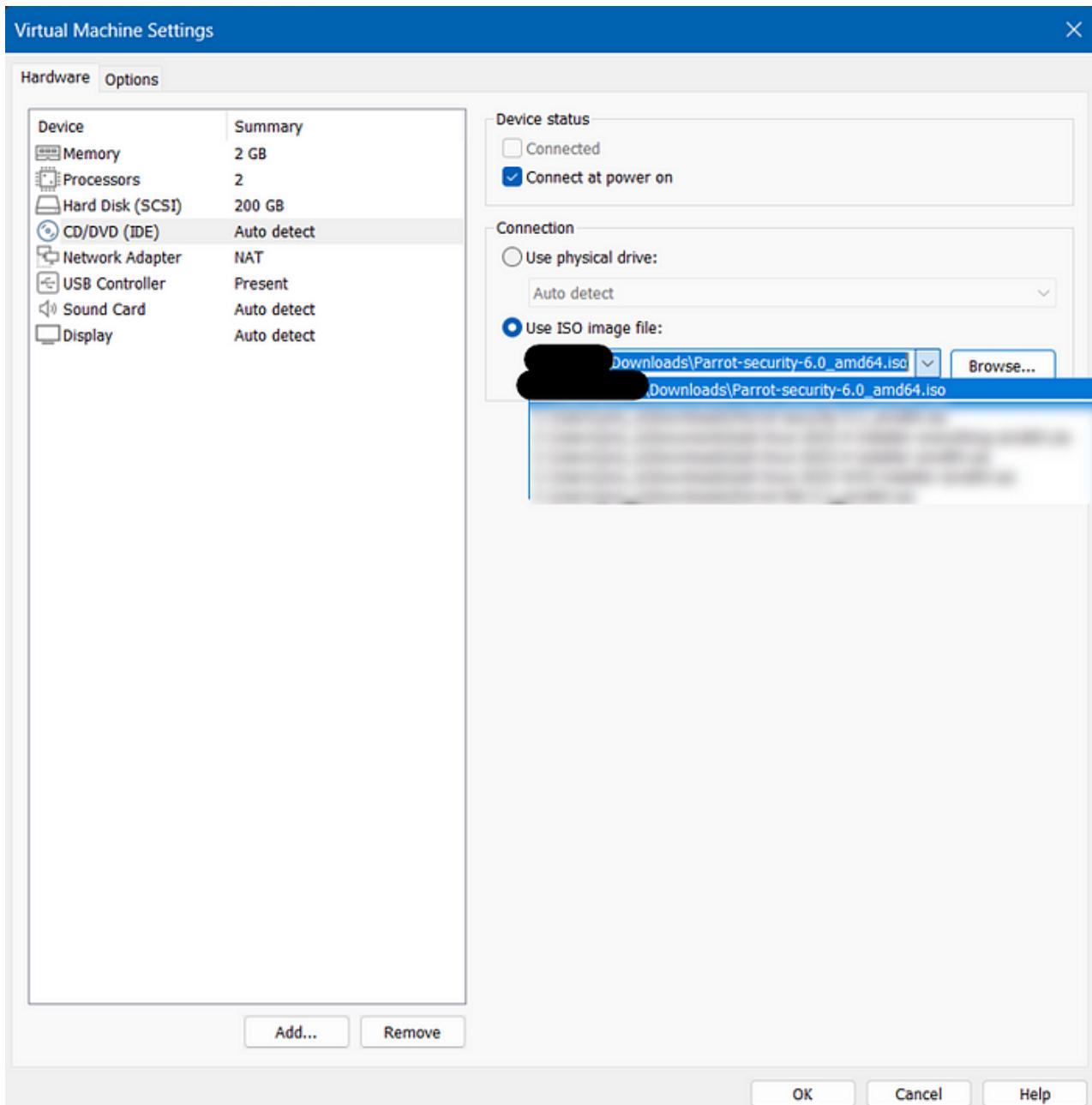
1.7.- Now it will show us the specifications of our virtual machine and we click on finish.



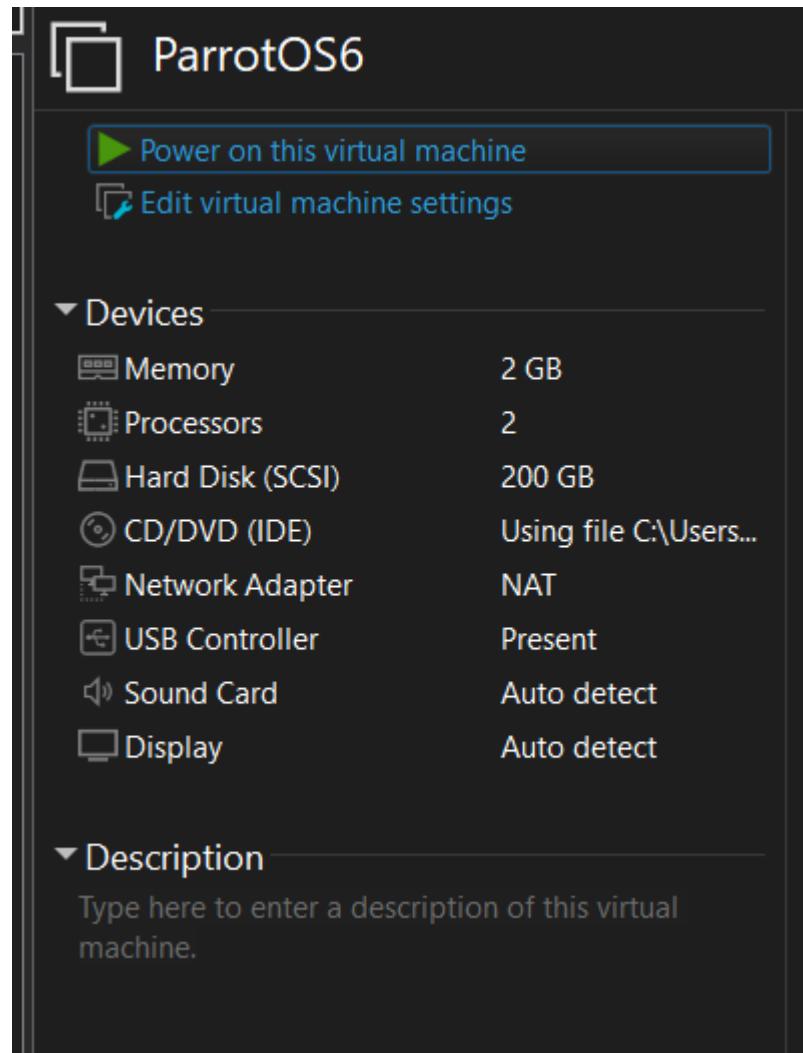
1.8.- Click on browse, select the location of the ISO file, once the assignment of the location is done and we return to the wizard click on next



1.9.- Click OK



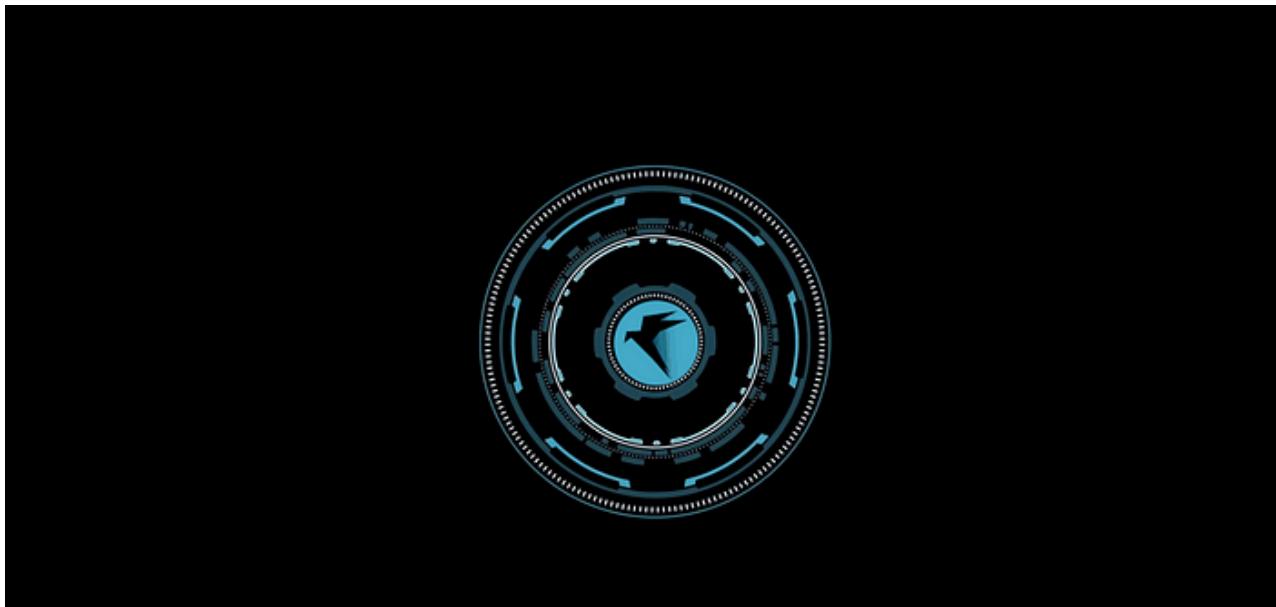
1.10.- Start VM click “Power on this virtual machine”



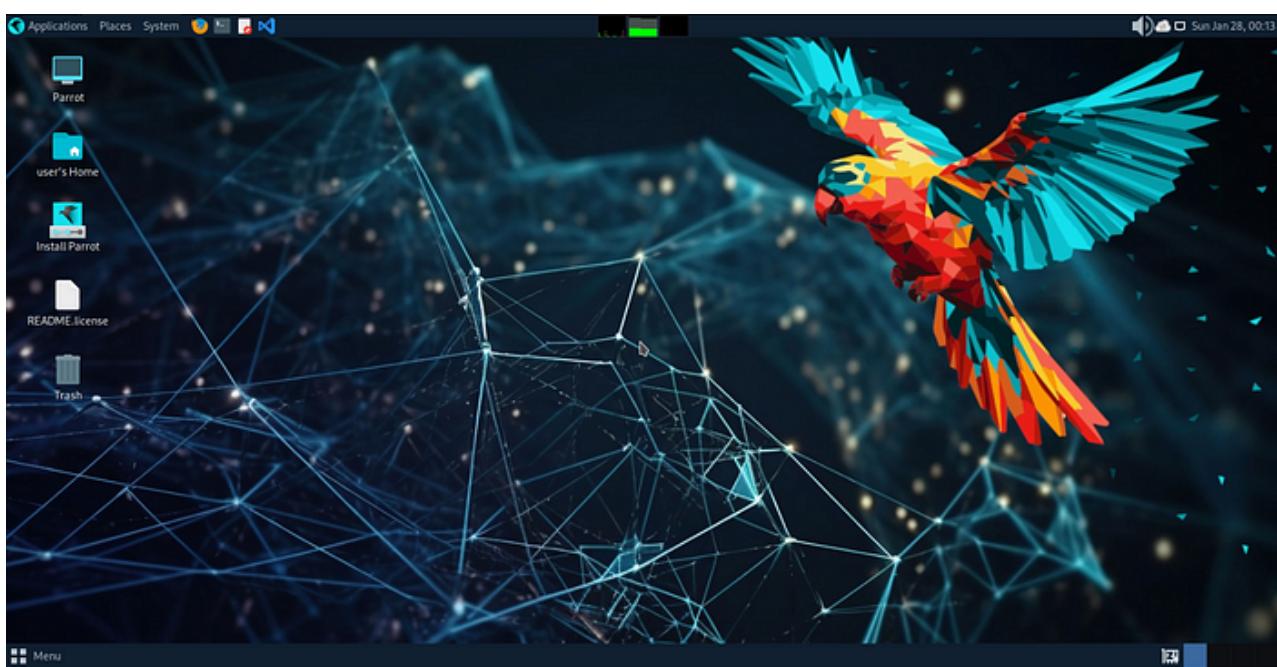
1.11.- Click Try/Install



1.12.- Start VM Parrot



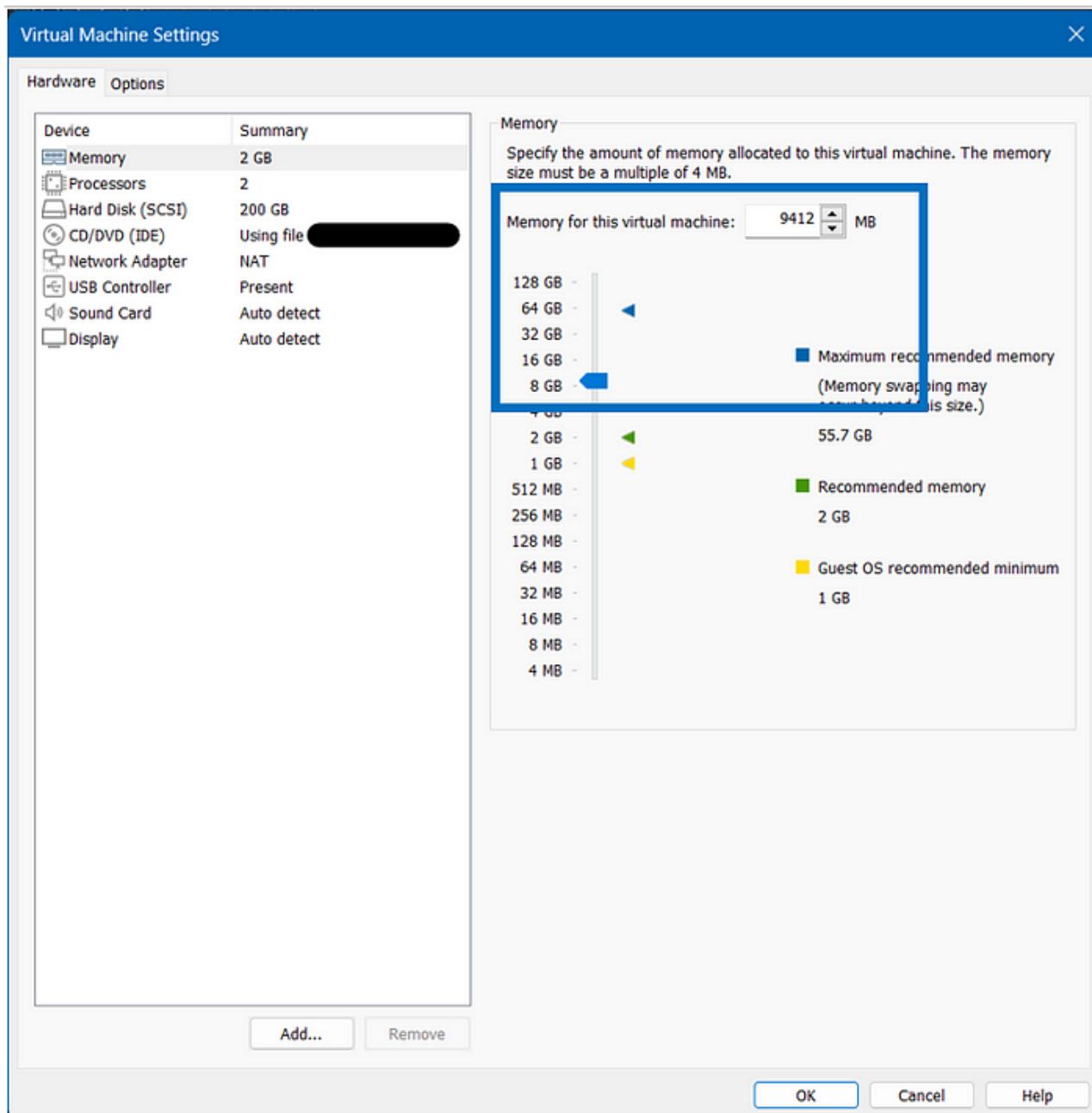
1.13.- Once it finishes starting Parrot OS will show us the desktop



1.14.- Initially we do not provide the required memory for its installation so we have to expand the Ram memory, the .



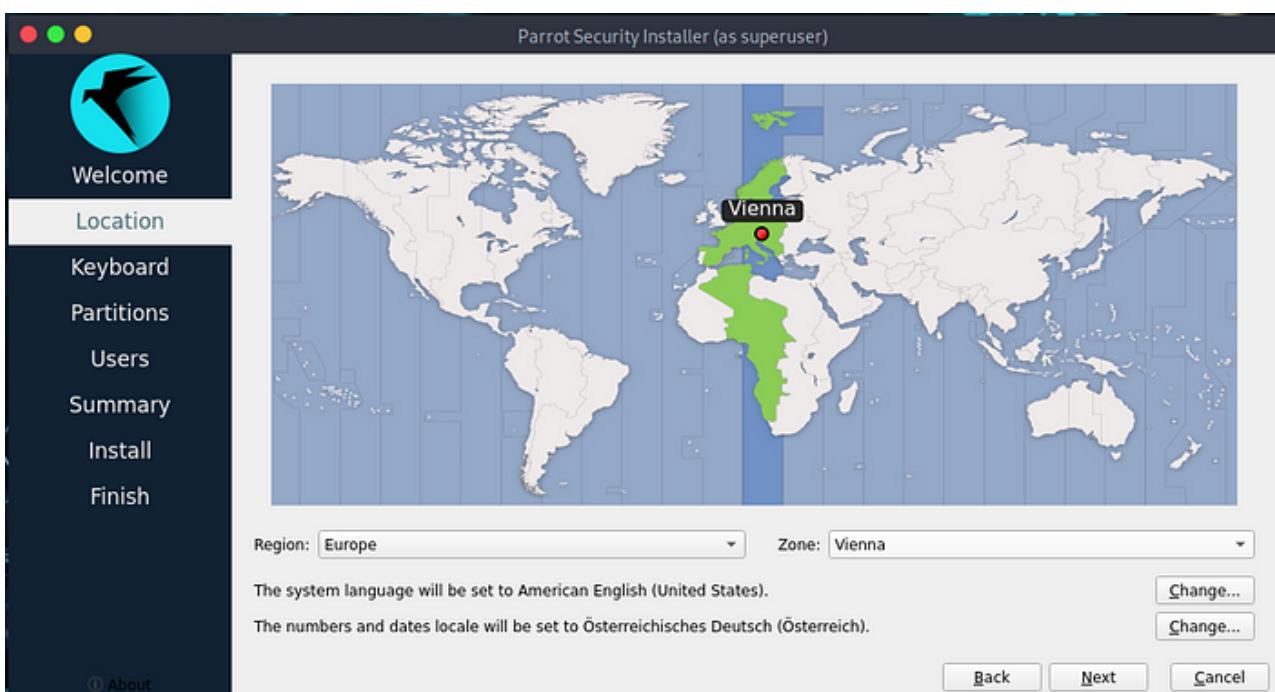
1.15.- In my case I will allocate 9GB, this is also due to the hardware of the host system which has good availability and performance.



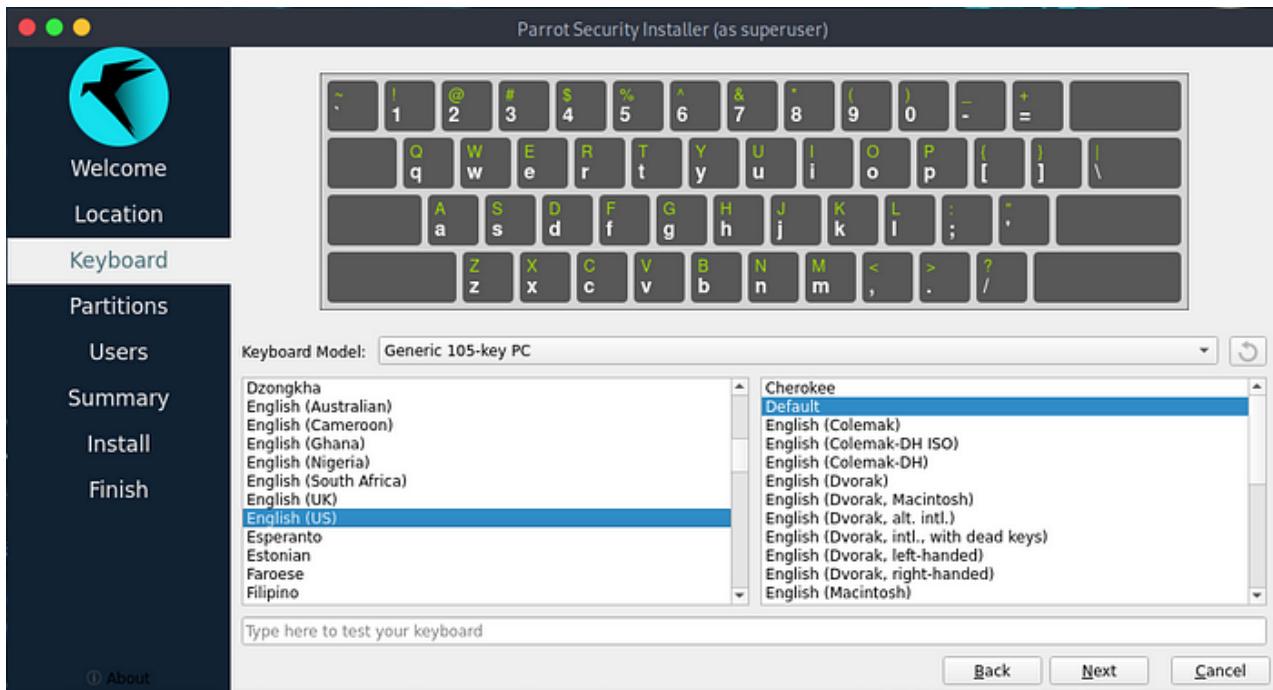
1.16.- Select the Language and click next



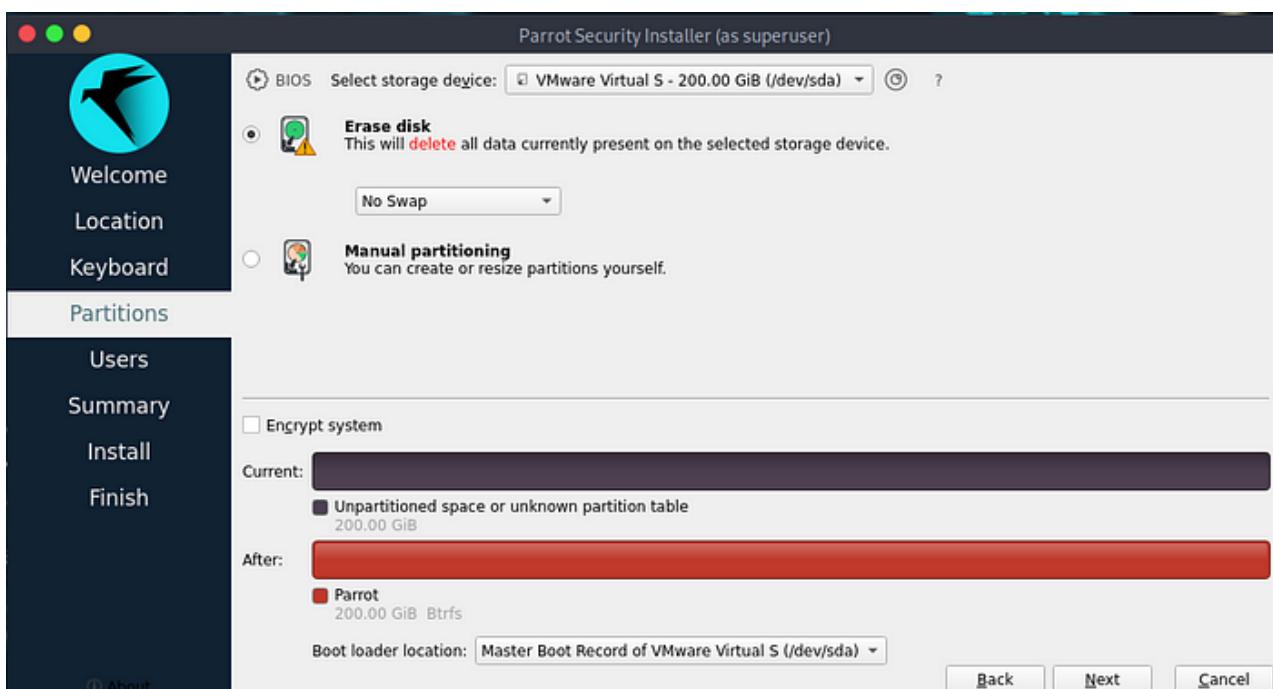
1.17.- Select Region and Time Zone



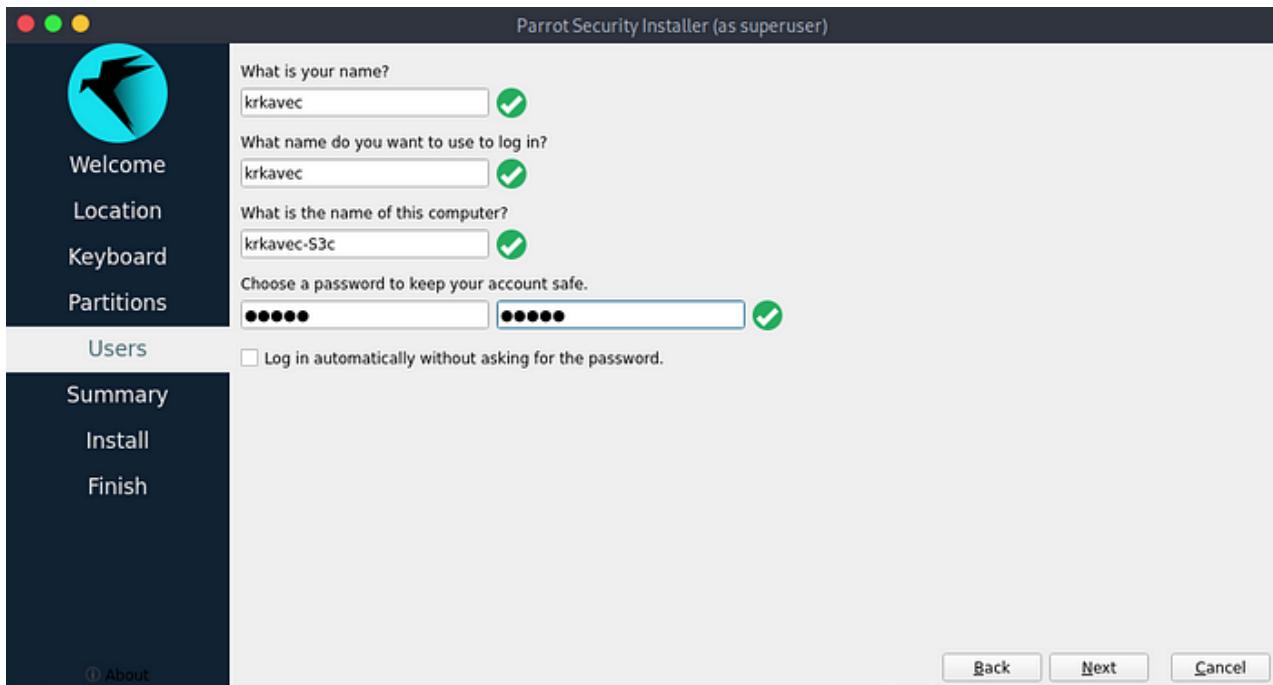
1.18.- Select the Keyboard



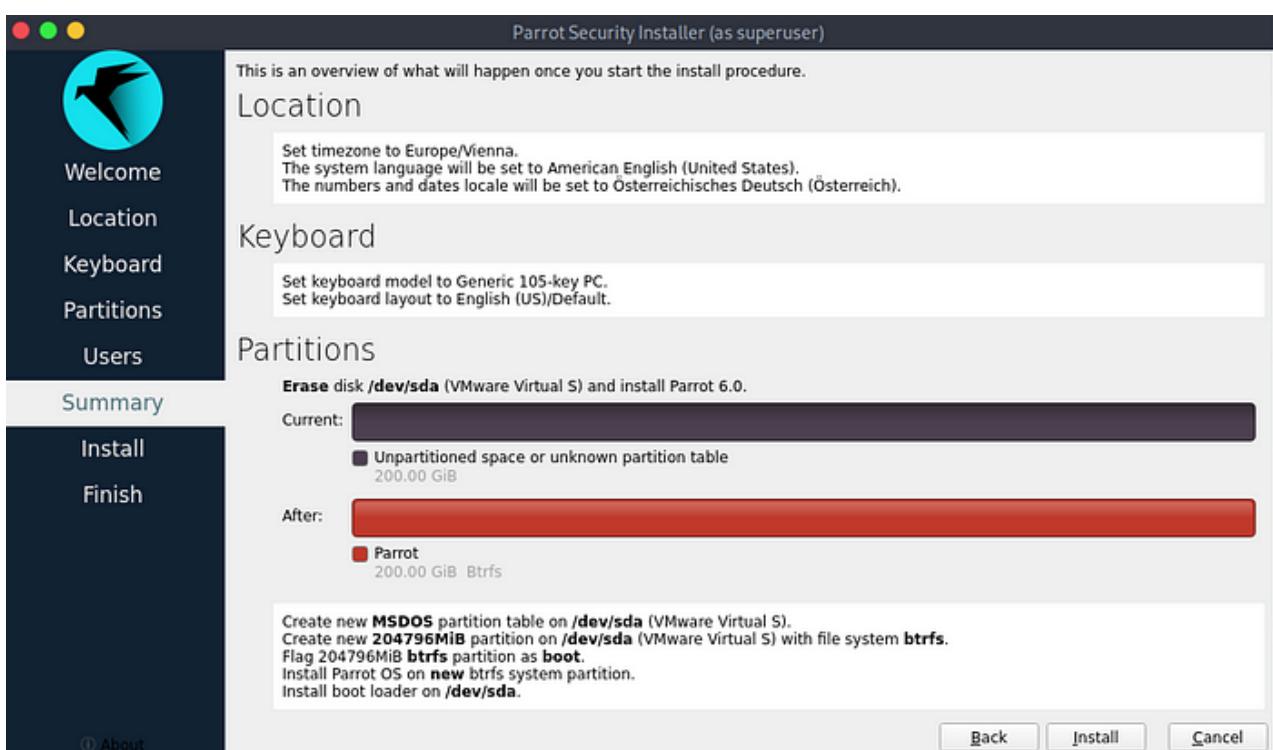
1.19.- Select Erase Disk and click next



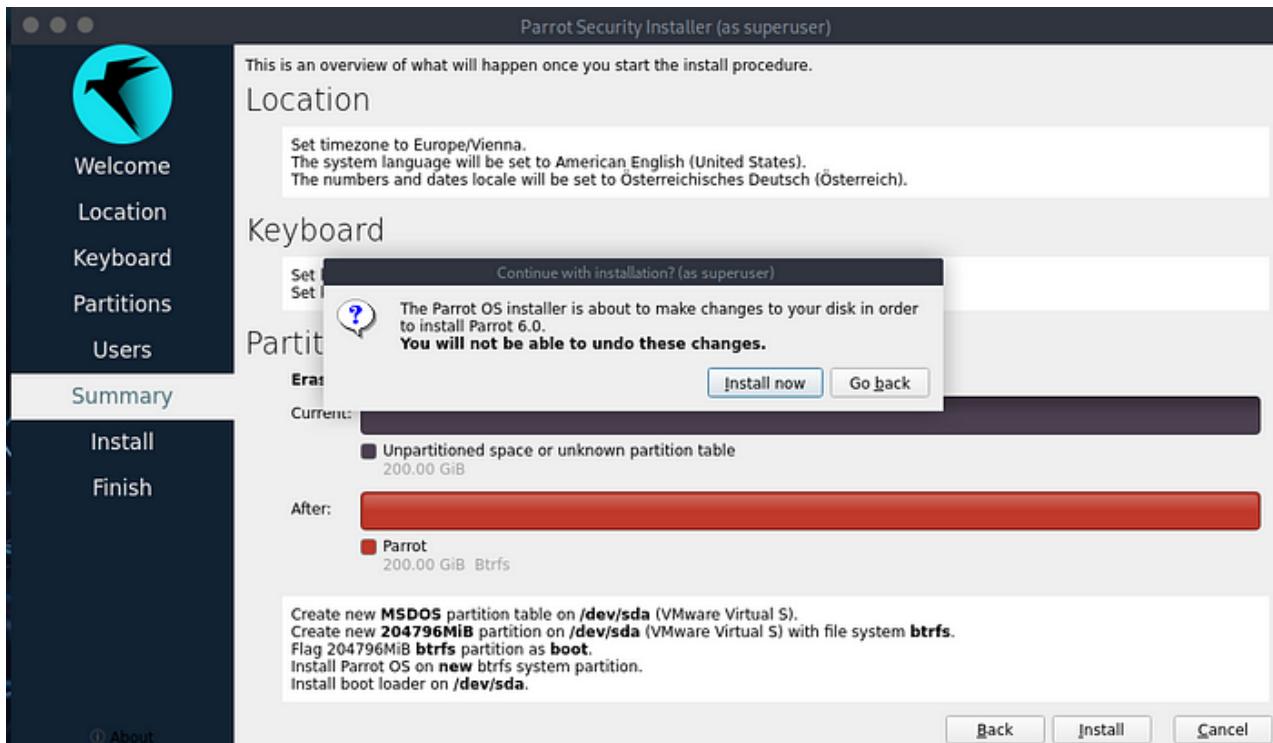
1.20.- Assign access credentials



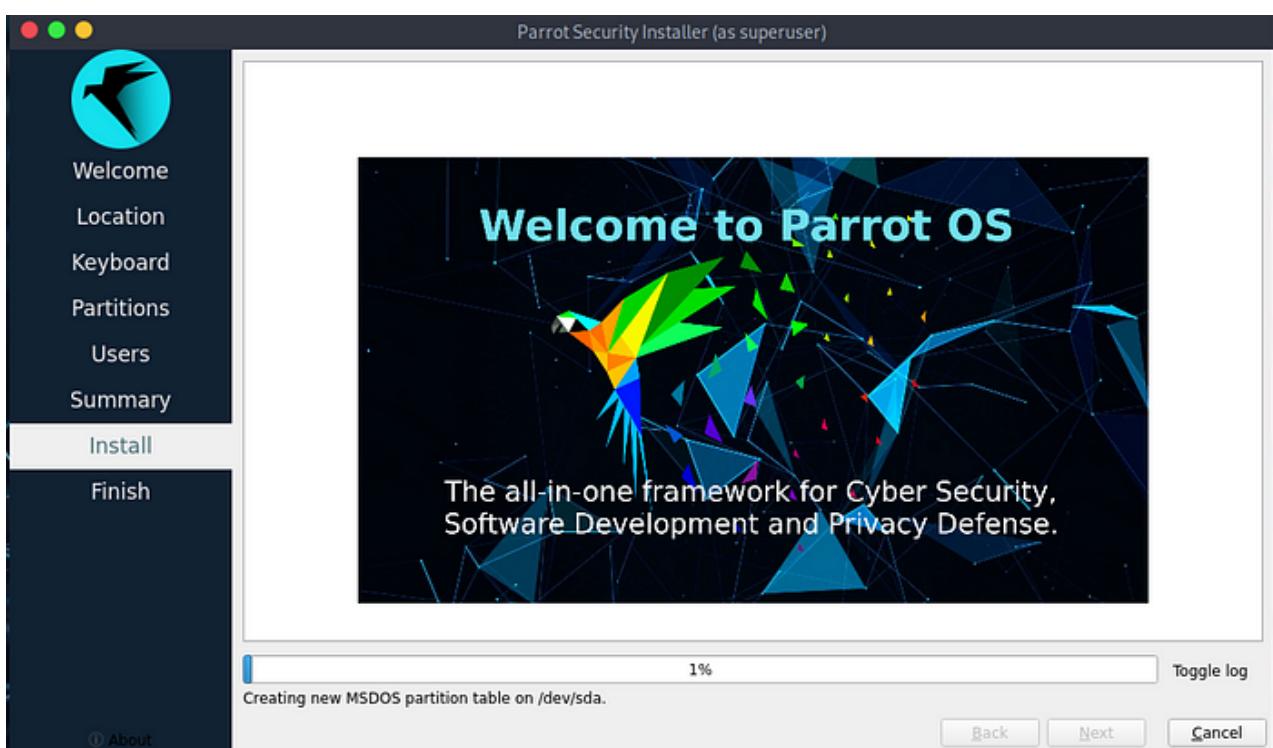
1.21.- Click Install



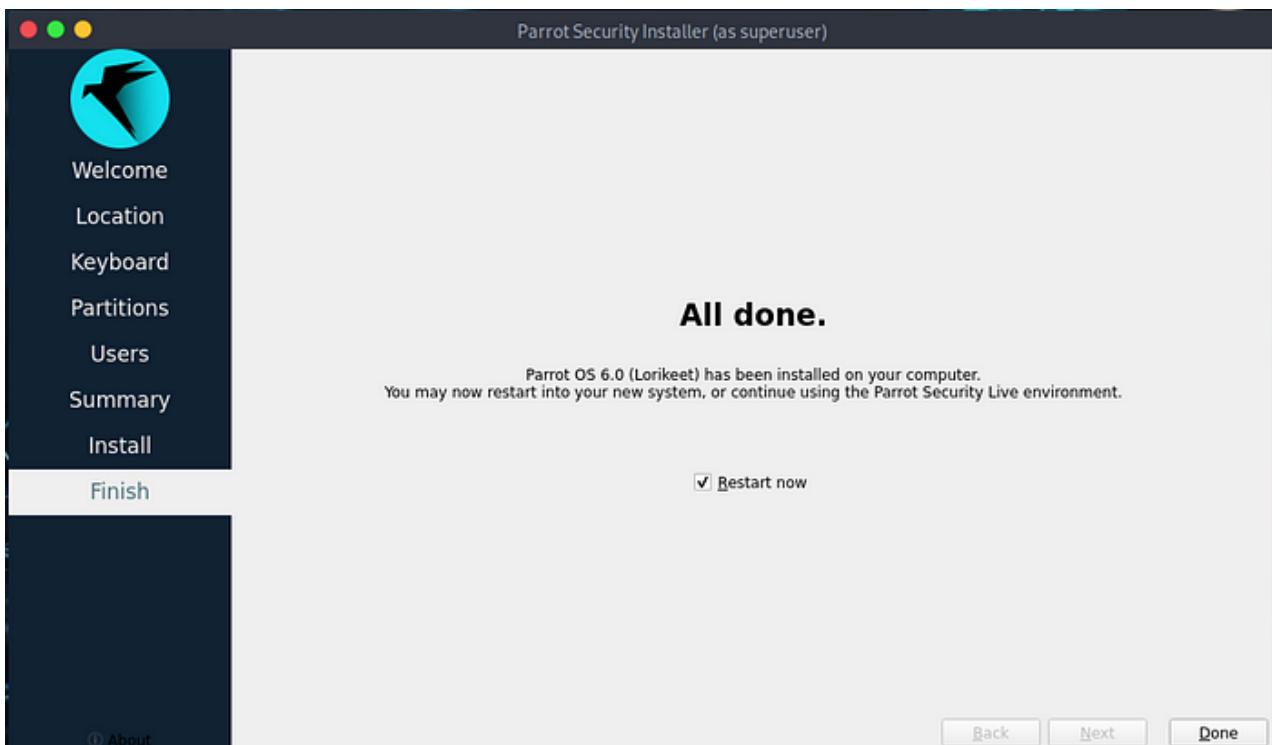
1.22.- Confirm installation process click “Install now”



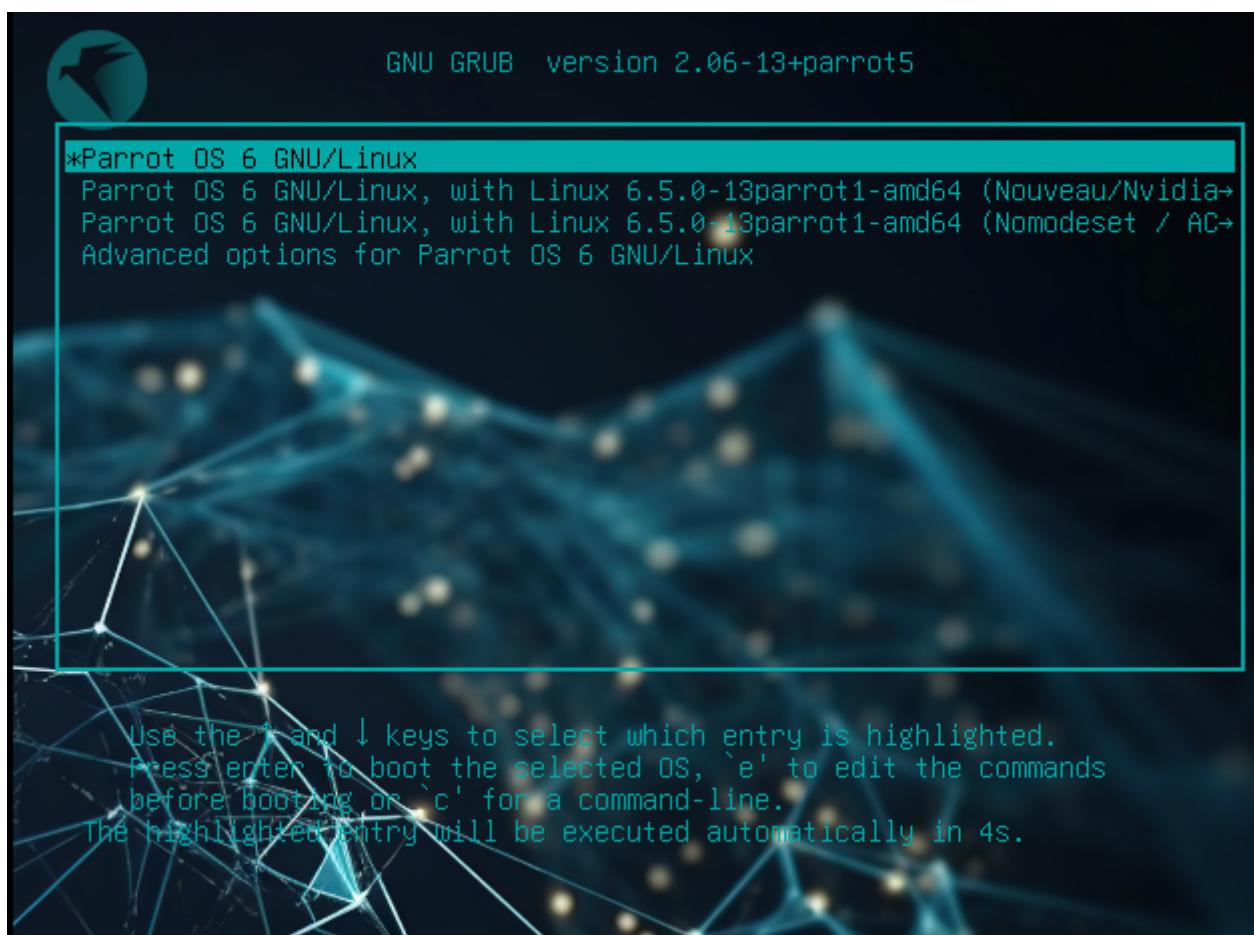
1.23.- Parrot OS installation will start at this moment.



1.24.- Once finished restart the Distro | click “Done”



1.25.- As we can see the startup menu has already changed from when we run Parrot live.



1.26.- Parrot Login, Type password and press Enter



1.27.- Run neofetch in the terminal to display Parrot's details such as kernel, processor and other data



Remember that when you finish the installation of any Linux Distro it is important to update it and for this we run the following commands

```
sudo apt install
```

```
sudo apt -y upgrade
```



VirtualBox

For this Parrot run mode we will download the VirtualBox version, which is already preconfigured, so we just need to import it in VirtualBox as shown in the following steps

Security Edition

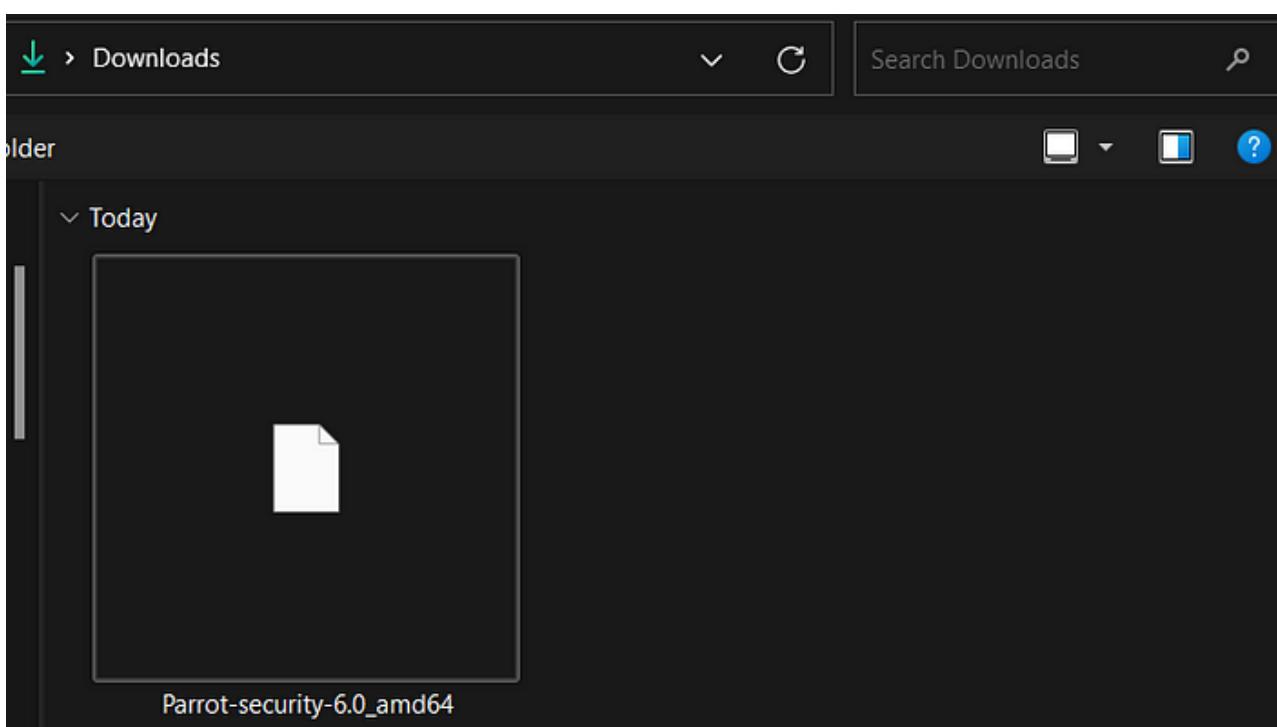
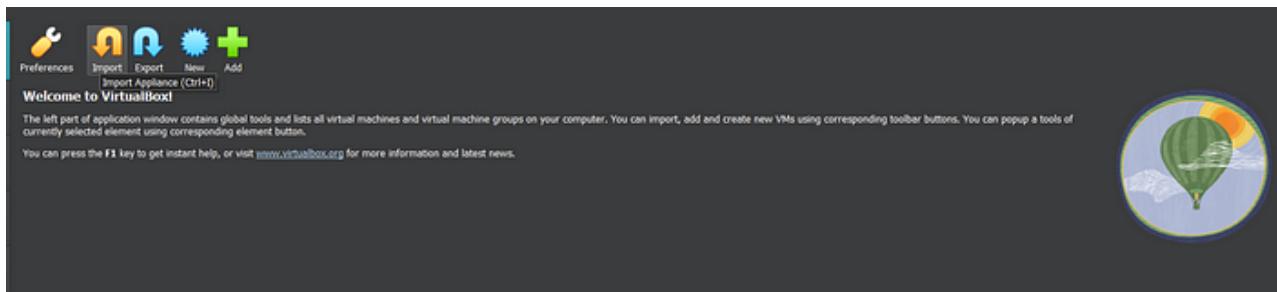
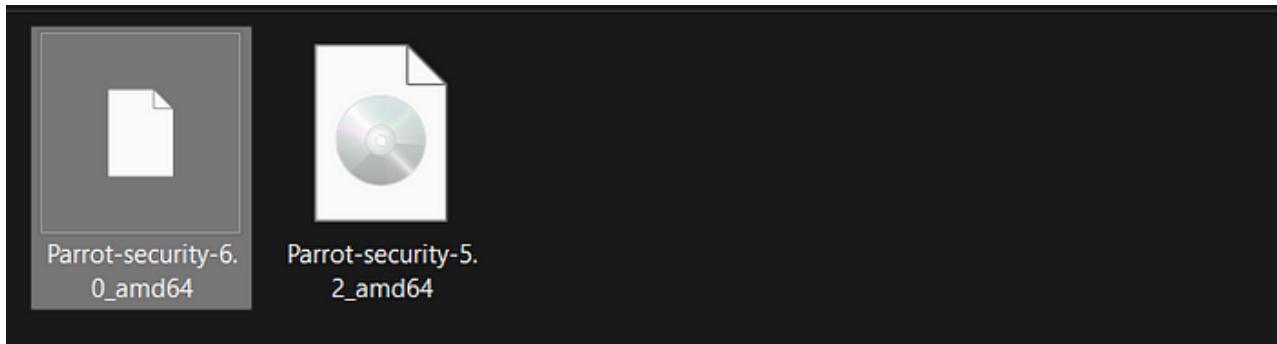
This is a special purpose operating system designed for Penetration Test and Red Team operations. It contains a full arsenal of ready to use pentesting tools. Also, it is available for amd64 architectures and also in OVA format (amd64 only) and soon for UTM (Apple Silicon).

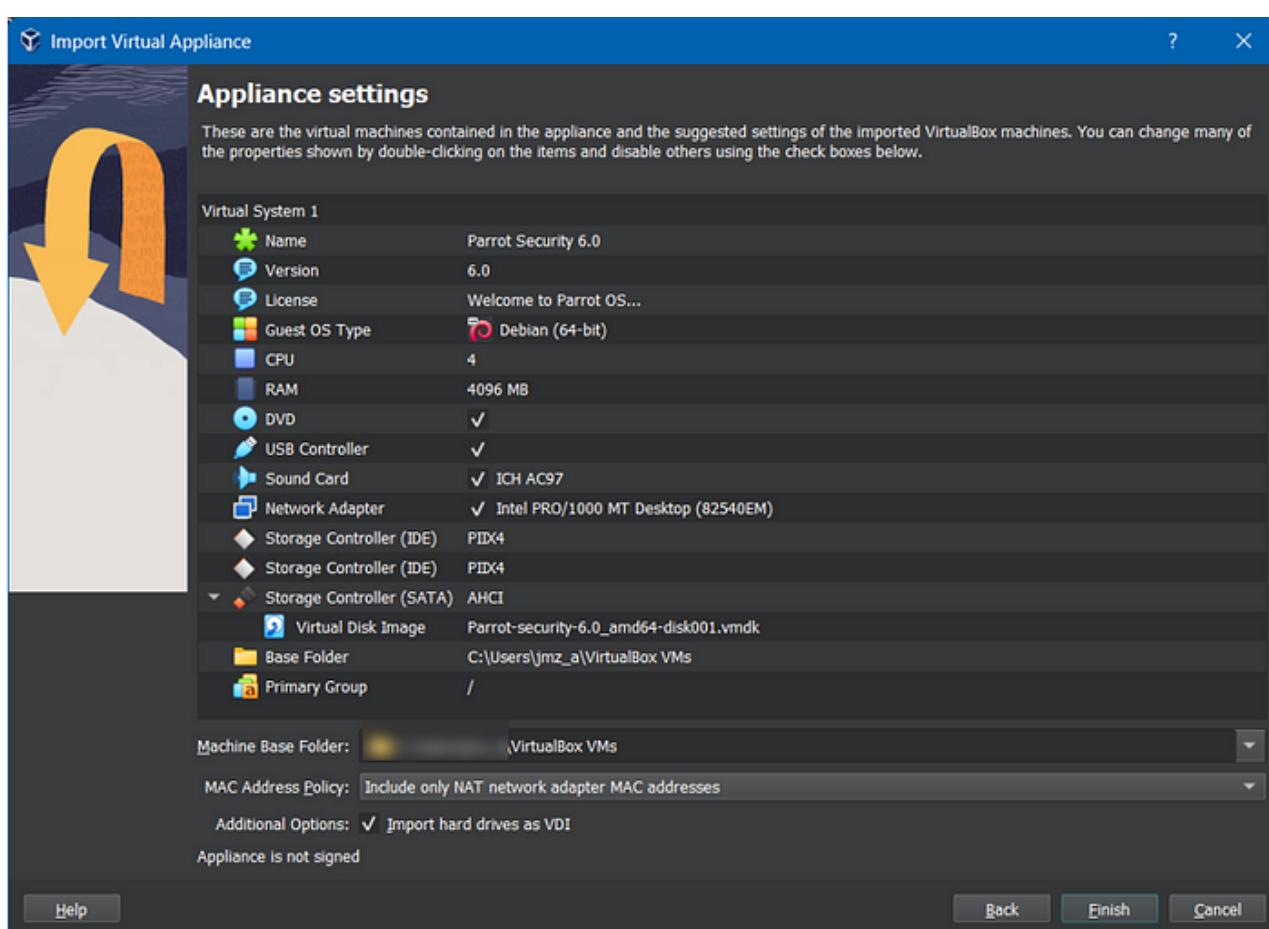
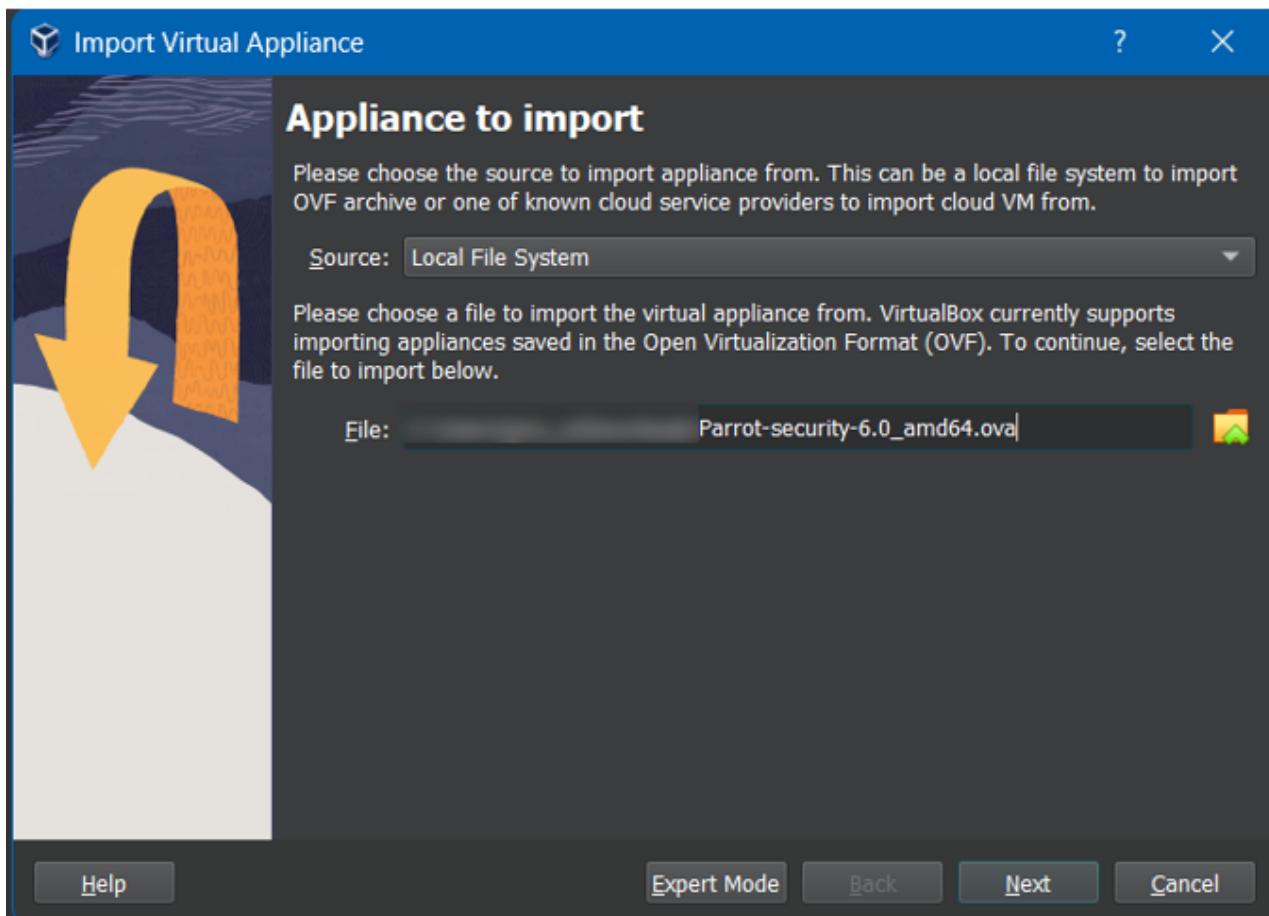
Download ▾

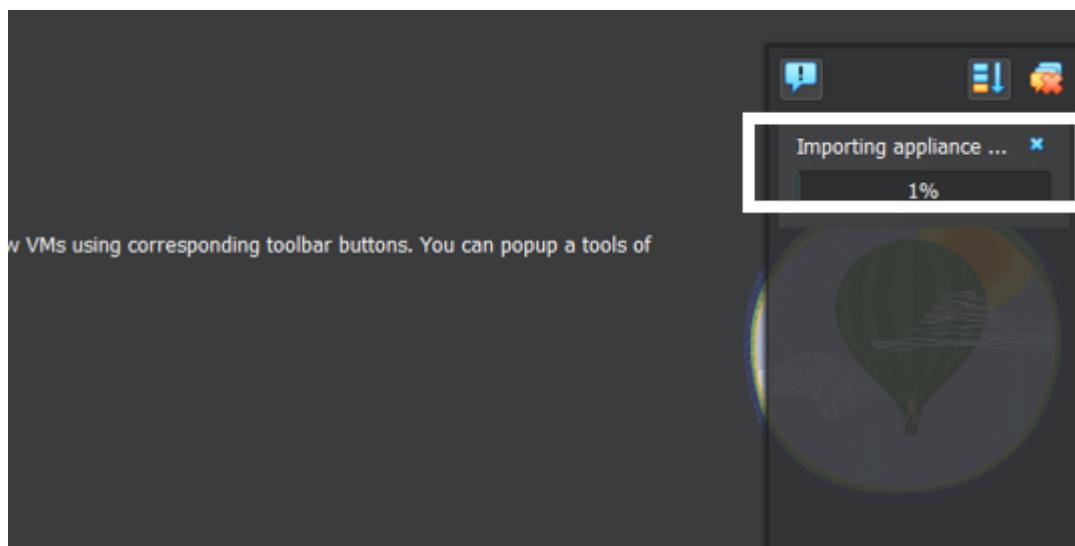
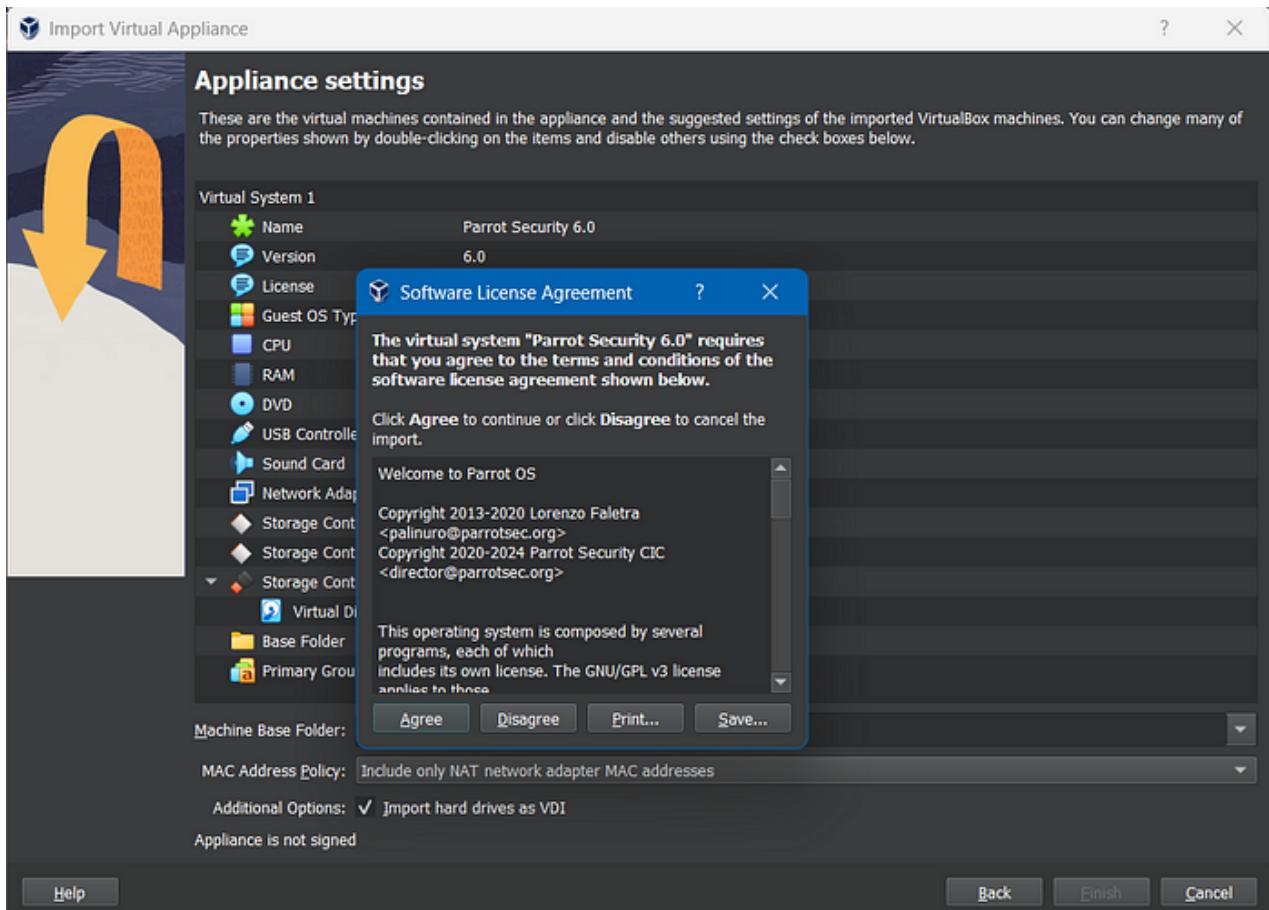
iso (amd64)

virtualbox (amd64)

Check Hashes









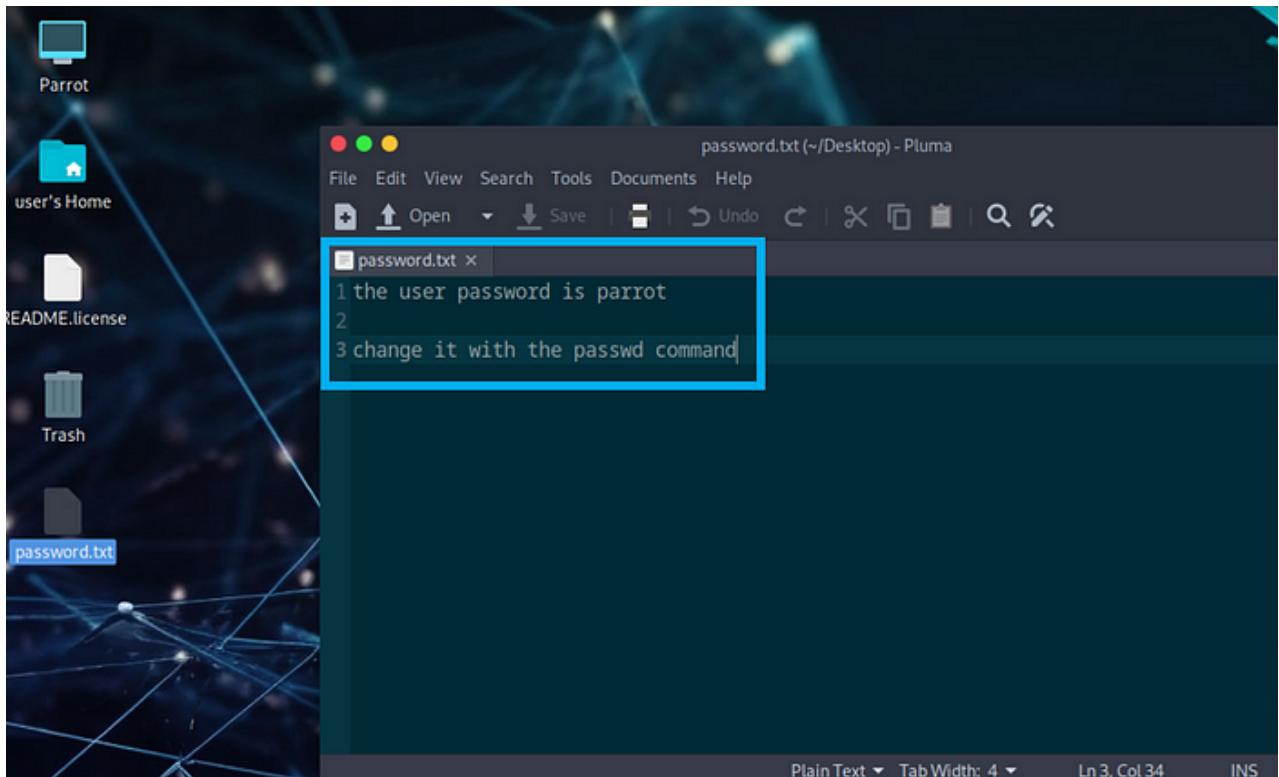
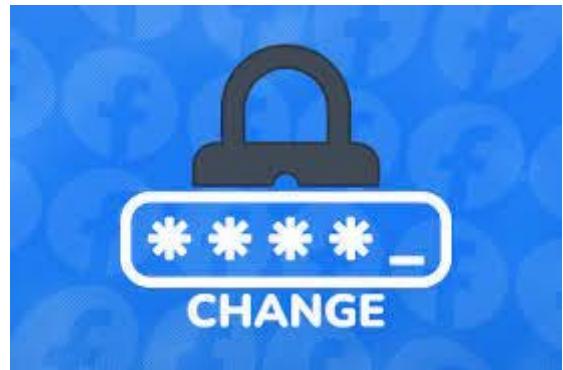
```
[user@parrot] -[~]
└─$ neofetch
  :oho/-`_
`mMMMMMMNmmdhy-
dMMMMMMMMMMMMMs`_
+MMsohNMMMMMMMMMMm/
.My .+dMMMMMMMMMMH.
+      :NMMMMMMMMMMNo
`yMMMMMMMMMMMMm:
/NMMMMMMMMMMMy`_
.hMMMMMMMMMMMMMN+
``-NMMMMMMMMMd-
/MMMMMMMMMs`_
mMMMMMMSyNMN/
+MMMMMMMo :sNh.
`NMMMMMMm      -o/
oMMMMMM. .
`NMMMMMM+
+MMd/NMh
mMm -mN`
/MM`h:
dM` .
:M-
d:
-+
-`_
user@parrot
-----
OS: Parrot Security 6.0 (lorikeet) x8
Host: VirtualBox 1.2
Kernel: 6.5.0-13parrot1-amd64
Uptime: 2 mins
Packages: 3516 (dpkg)
Shell: bash 5.2.15
Resolution: 1920x945
DE: MATE 1.26.0
WM: Metacity (Marco)
Theme: ARK-Dark [GTK2/3]
Icons: ara [GTK2/3]
Terminal: mate-terminal
Terminal Font: Monospace 13
CPU: 12th Gen Intel i5-12450H (4) @ 2
GPU: 00:02.0 VMware SVGA II Adapter
Memory: 934MiB / 3896MiB
```

10.- Update & Upgrade ParrotOS

```
sudo apt install
```

```
sudo apt -y upgrade
```

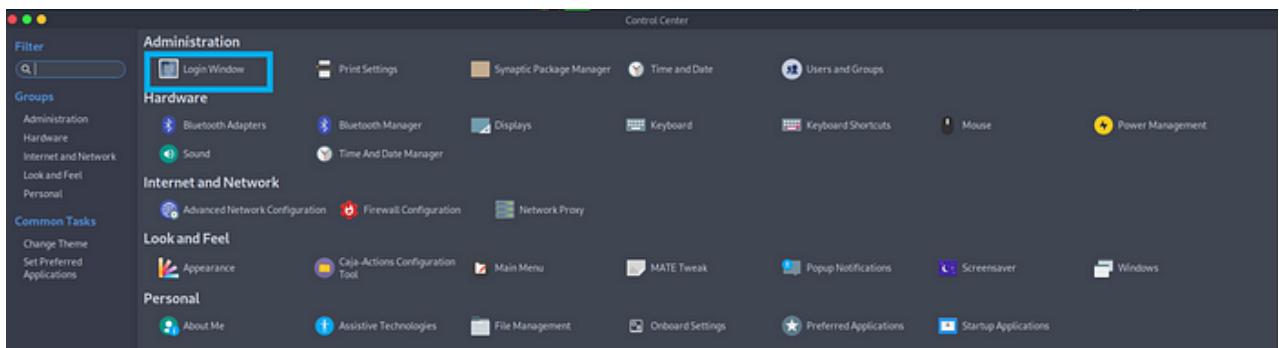
As good practice and security it is recommended to change the default password of Parrot, so I will show you how to change it and disable the automatic login in Parrot.



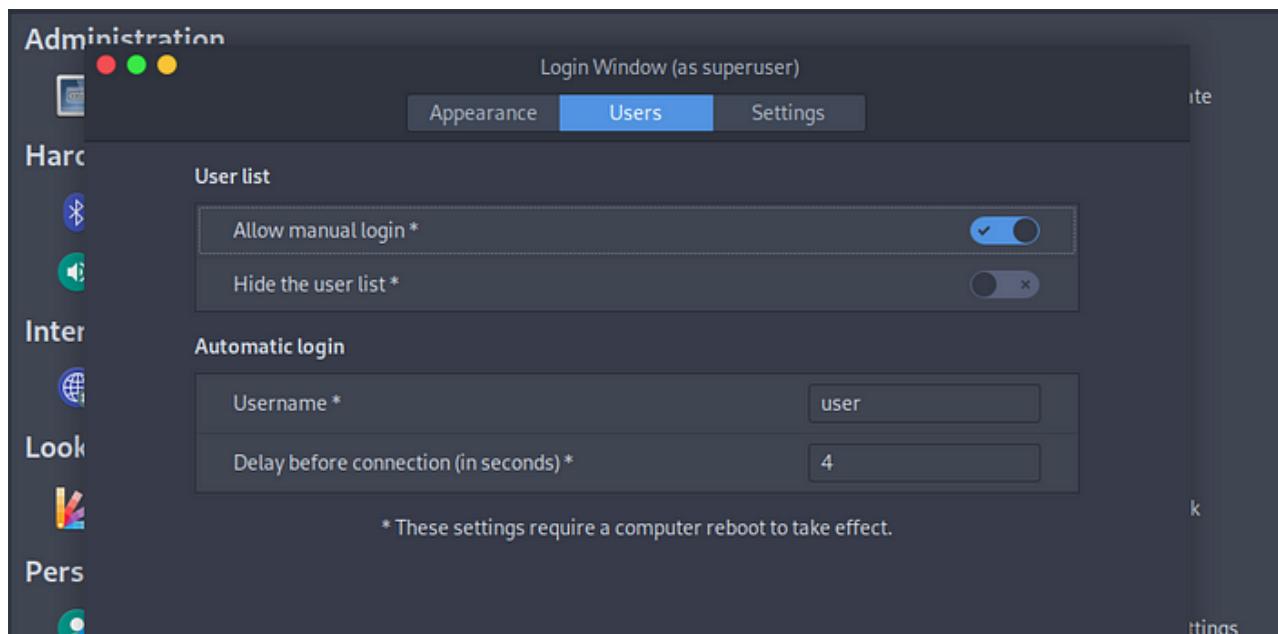
3.1.- Changes the Default Password

```
passwd //command for change password
Changing password for user
Current password:
// current password
New password:      //type new password
Retype new password: // retype new password
passwd: password updated successfully
```

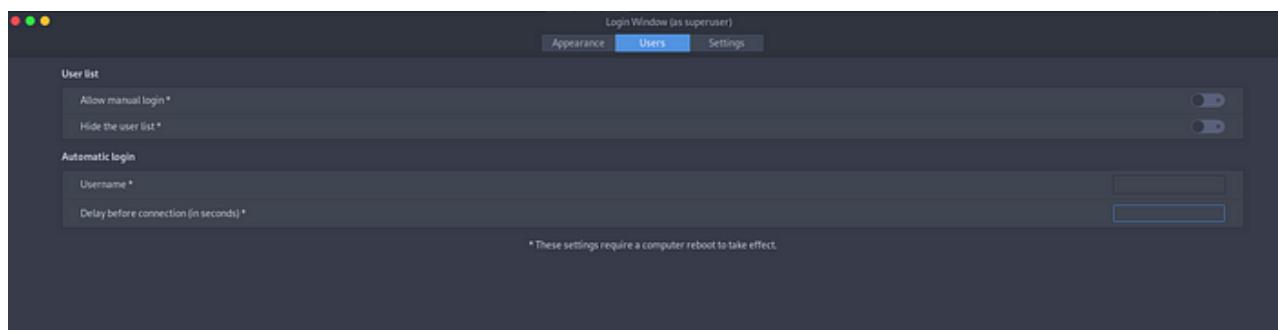
3.2.- To modify the login so that it is not automatic, open the control center and click on Login Window.



3.3.- Remove the automatic launch fields



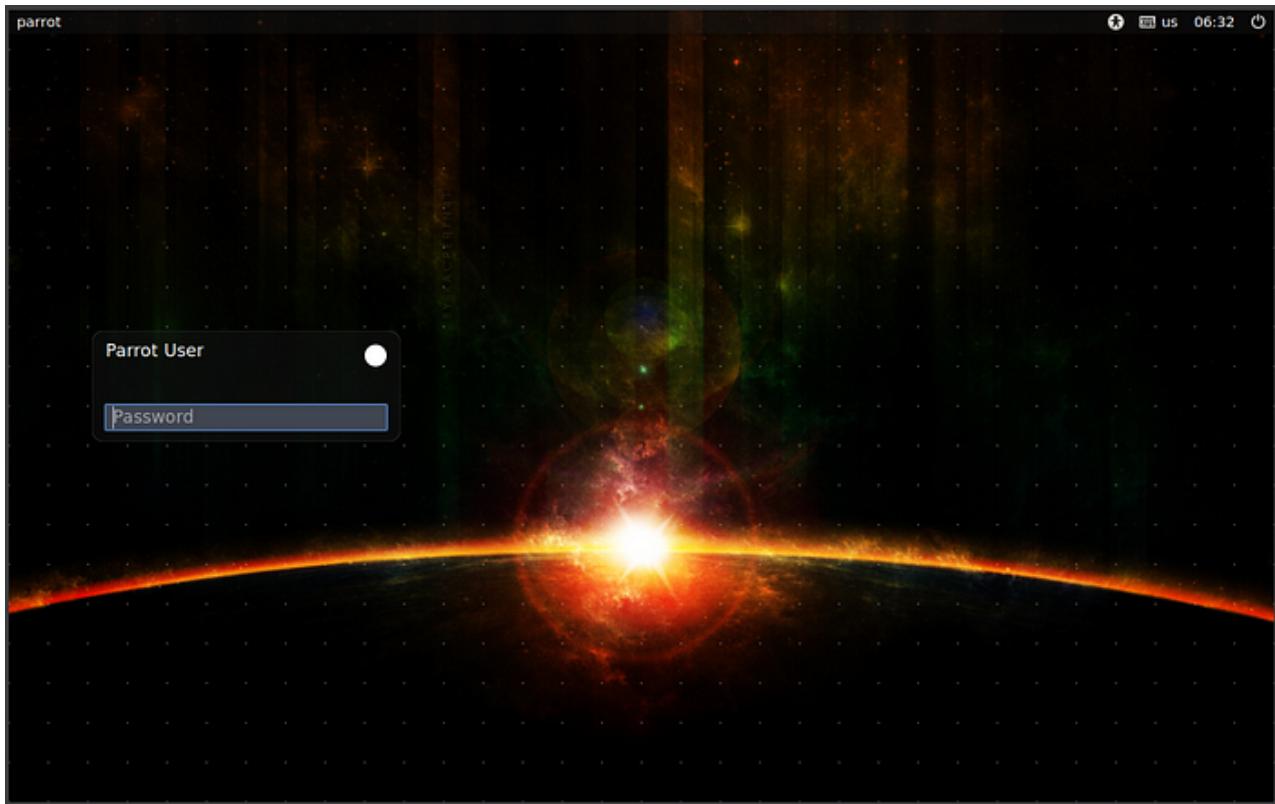
3.4.- The configuration would look like the following image



3.5.- Reboot Parrot

```
reboot // this command will reboot the distro
```

3.6.- Automatic login has been disabled.



4.- Alternate Install Script (Debian Based System)

Now let's see how to upgrade Parrot 6 from version 5.2

We will use as a base

[parrotsec / project / installer-script · GitLab](#)

[GitLab.com](#)

[gitlab.com](#)

Step 1 Install Git

```
sudo apt intall -y git //install gitDo you want continue? [y/n] Y
```

```
krkavec@Debian: $ sudo apt install git
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  git-man liberror-perl
Suggested packages:
  git-daemon-run | git-daemon-sysvinit git-doc git-email git-gui gitk gitweb git-cvs git-mediawiki git-svn
The following NEW packages will be installed:
  git git-man liberror-perl
0 upgraded, 3 newly installed, 0 to remove and 0 not upgraded.
Need to get 9,250 kB of archives.
After this operation, 47.9 MB of additional disk space will be used.
Do you want to continue? [Y/n] y
Get:1 http://deb.debian.org/debian bookworm/main amd64 liberror-perl all 0.17029-2 [29.0 kB]
Get:2 http://deb.debian.org/debian bookworm/main amd64 git-man all 1:2.39.2-1.1 [2,049 kB]
Get:3 http://deb.debian.org/debian bookworm/main amd64 git amd64 1:2.39.2-1.1 [7,171 kB]
Fetched 9,250 kB in 1s (11.8 MB/s)
Selecting previously unselected package liberror-perl.
(Reading database ... 174134 files and directories currently installed.)
```

Step 2 Clone Repository

```
git clone https://gitlab.com/parrotsec/project/installer-scriptcd installer-script
```

```
krkavec@Debian:~$ git clone https://gitlab.com/parrotsec/project/installer-script
Cloning into 'installer-script'...
warning: redirecting to https://gitlab.com/parrotsec/project/installer-script.git/
remote: Enumerating objects: 63, done.
remote: Total 63 (delta 0), reused 0 (delta 0), pack-reused 63
Receiving objects: 100% (63/63), 23.00 KiB | 23.00 MiB/s, done.
Resolving deltas: 100% (30/30), done.
krkavec@Debian:~$
```

Step 3 Run | type Option

```
run sudo +x ./installer.sh run sudo bash ./installer.sh
```

Install Parrot OS Core Edition

```
krkavec@Debian:~/installer-script$ sudo bash ./installer.sh
=====
ParrotOS Editions Installer =====
1) Install Core Edition
2) Install Home Edition
3) Install Security Edition
4) Install Hack The Box Edition
5) Install headless packages
6) Exit

Enter the option number: 1
executing: updating package lists
Hit:1 http://security.debian.org/debian-security bookworm-security InRelease
Hit:2 http://deb.debian.org/debian bookworm InRelease
Hit:3 http://deb.debian.org/debian bookworm-updates InRelease
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
```

Step 4 Type y for parrot.list

```
Configuration file '/etc/apt/sources.list.d/parrot.list'
  => File on system created by you or by a script.
  => File also in package provided by package maintainer.

  What would you like to do about it ? Your options are:
    Y or I : install the package maintainer's version
    N or O : keep your currently-installed version
    D      : show the differences between the versions
    Z      : start a shell to examine the situation

*** parrot.list (Y/I/N/O/D/Z) [default=N] ? y
```

Step 5 type Option 3

```
[!] Core Edition packages installation completed successfully.
=====
ParrotOS Editions Installer =====
1) Install Core Edition
2) Install Home Edition
3) Install Security Edition
4) Install Hack The Box Edition
5) Install headless packages
6) Exit

Enter the option number: 3
executing: installing packages: parrot-interface-nome desktop-base base-files anonsurf parrot-drivers parrot-menu parrot-desktop-mate parrot-wallpapers parrot-tools-full parrot-themes parrot-displaymanager firefox-esr parrot-firefox-profiles vsodium
Reading package lists... Done
```

Step 6 Start Installation Parrot OS Secuirty

```
Unpacking linux-exploit-suggester (1.1-0parrot1) ...
Selecting previously unselected package linux-headers-6.5.0-13parrot1-common.
Preparing to unpack .../0967-linux-headers-6.5.0-13parrot1-common_6.5.13-1parrot1_all.deb ...
Unpacking linux-headers-6.5.0-13parrot1-common (6.5.13-1parrot1) ...
Selecting previously unselected package linux-kbuild-6.5.0-13parrot1.
Preparing to unpack .../0968-linux-kbuild-6.5.0-13parrot1_6.5.13-1parrot1_amd64.deb ...
Unpacking linux-kbuild-6.5.0-13parrot1 (6.5.13-1parrot1) ...
Selecting previously unselected package linux-headers-6.5.0-13parrot1-amd64.
Preparing to unpack .../0969-linux-headers-6.5.0-13parrot1-amd64_6.5.13-1parrot1_amd64.deb ...
Unpacking linux-headers-6.5.0-13parrot1-amd64 (6.5.13-1parrot1) ...

Progress: [ 34%] [########################################.....]
```

Step 7 Type 6 “exit” and Reboot System

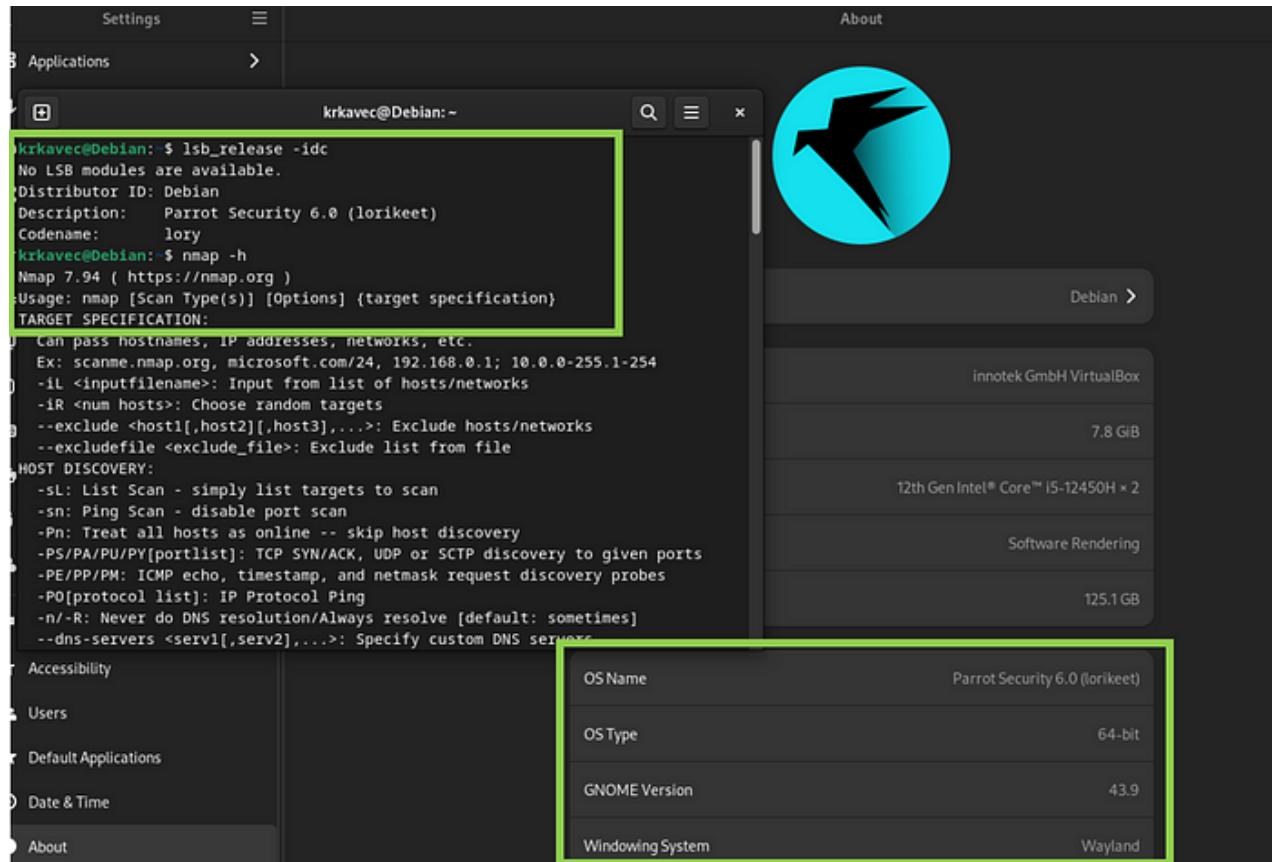
```

Setting up ghidra (10.3.2-0parrot1) ...
Setting up default-jdk (2:1.17-74) ...
Setting up javasnoop (1:1-rc2-1parrot1) ...
Processing triggers for menu (2.1.49) ...
Processing triggers for php8.2-cli (8.2.7-1-deb12u1) ...
Processing triggers for libapache2-mod-php8.2 (8.2.7-1-deb12u1) ...
Processing triggers for wine (8.0-repack-4) ...
Processing triggers for mariadb-server (1:10.11.4-1-deb12u1) ...
mariadb.service is a disabled or a static unit, not starting it.
[!] Security Edition packages installation completed successfully.
***** ParrotOS Editions Installer *****
1) Install Core Edition
2) Install Home Edition
3) Install Security Edition
4) Install Hack The Box Edition
5) Install headless packages
6) Exit

```

Enter the option number: 6

Step 8 Parrot has installed 🙌🙌

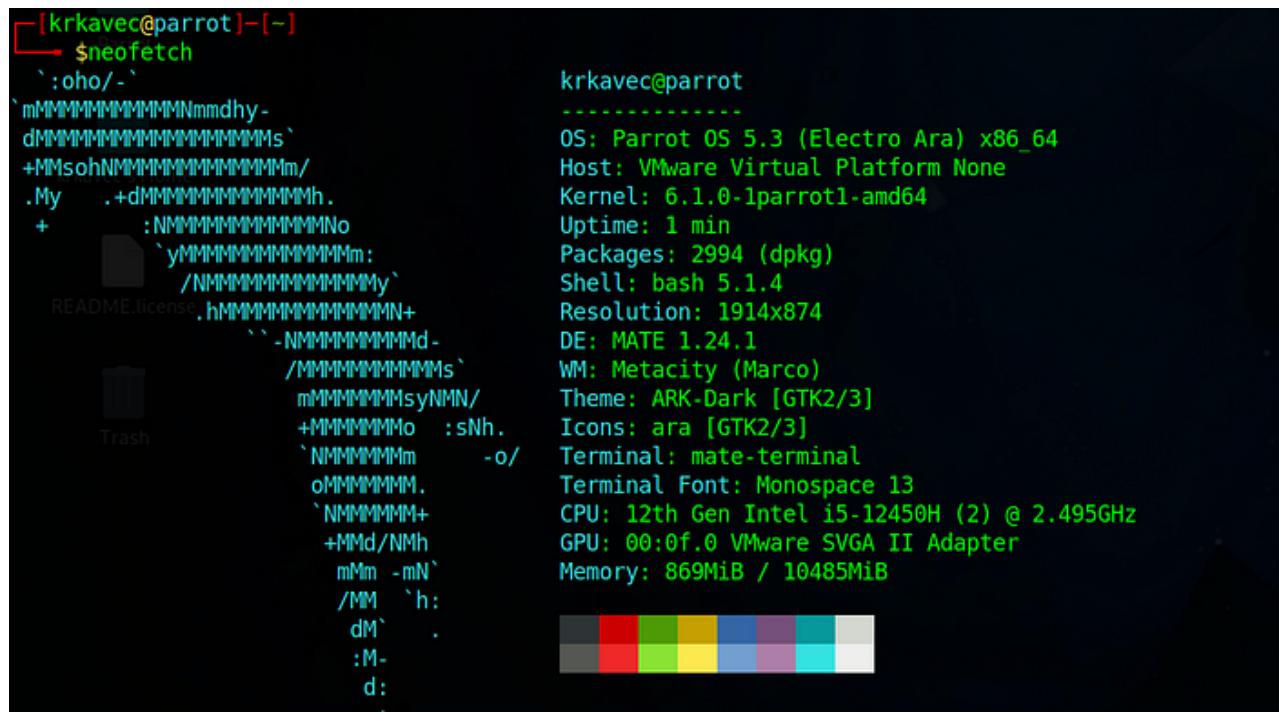


With this we have finished how to install Parrot OS from an alternative script provided by Parrot itself.



Now let's see how to upgrade Parrot 6 from version 5.3

For this upgrade example we will use a as a base.



```
[krkavec@parrot] ~
$ neofetch
`ohoh-`  
mMMMMMMMMMMNNmmdhys`  
dMMMMMMMMMMMMMMMMMs`  
+MMsohNMMMMMMMMMMMMMs/  
.My .+dMMMMMMMMMMMMMh.  
+ :NMNMMMMMMMMMMMNNo  
`yMMMMMMMMMMMMMy:  
/NMMMMMMMMMMMMMy`  
README.license .hMMMMMMMMMMMN+  
``-NMNMMMMMMMd-  
/MMNMMMMMMMs`  
mMMMMMMMsyNMN/  
+MMMMMMMo :sNh.  
`NMNMMMMm -o/  
oMMMMMM.  
`NMNMMMM+  
+MMd/NMh  
mMm -mN`  
/MM `h:  
dM` .  
:M-  
d:  
+  
krkavec@parrot
-----
OS: Parrot OS 5.3 (Electro Ara) x86_64
Host: VMware Virtual Platform None
Kernel: 6.1.0-1parrot1-amd64
Uptime: 1 min
Packages: 2994 (dpkg)
Shell: bash 5.1.4
Resolution: 1914x874
DE: MATE 1.24.1
WM: Metacity (Marco)
Theme: ARK-Dark [GTK2/3]
Icons: ara [GTK2/3]
Terminal: mate-terminal
Terminal Font: Monospace 13
CPU: 12th Gen Intel i5-12450H (2) @ 2.495GHz
GPU: 00:0f.0 VMware SVGA II Adapter
Memory: 869MiB / 10485MiB
[Color palette]
```

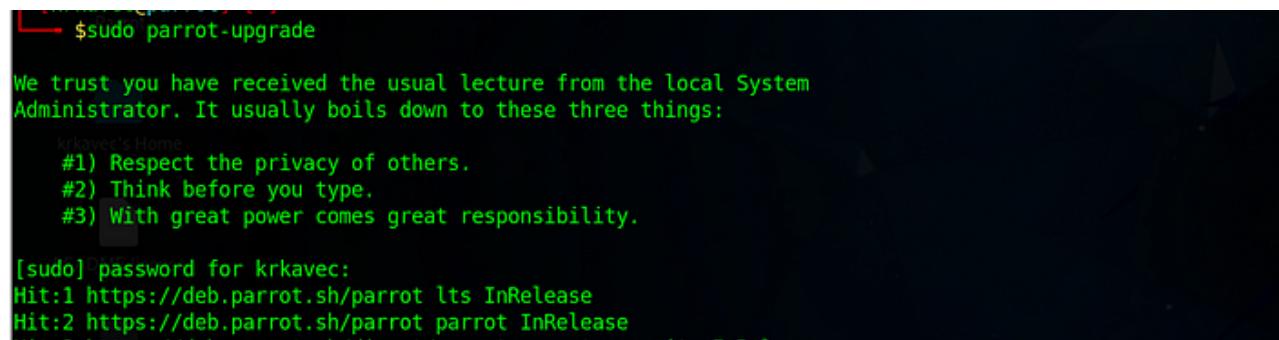
The commands to run are as follows

```
sudo parrot-upgrade
```

or

```
sudo apt update && sudo apt full-upgrade
```

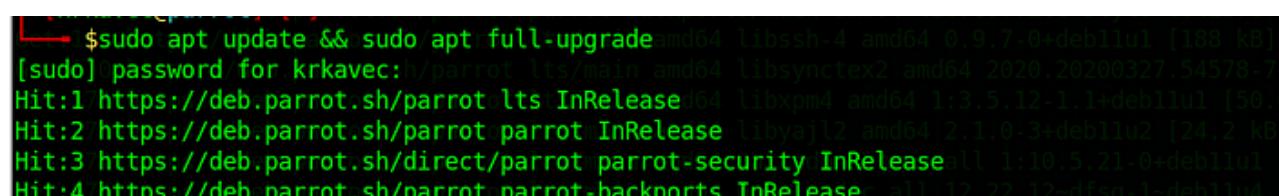
Command 1 (run them twice)



```
[~] $ sudo parrot-upgrade
We trust you have received the usual lecture from the local System
Administrator. It usually boils down to these three things:
#1) Respect the privacy of others.
#2) Think before you type.
#3) With great power comes great responsibility.

[sudo] password for krkavec:
Hit:1 https://deb.parrot.sh/parrot lts InRelease
Hit:2 https://deb.parrot.sh/parrot parrot InRelease
Hit:3 https://deb.parrot.sh/direct/parrot parrot-security InRelease
Hit:4 https://deb.parrot.sh/parrot parrot-backports InRelease
```

Command 2 (run them twice)



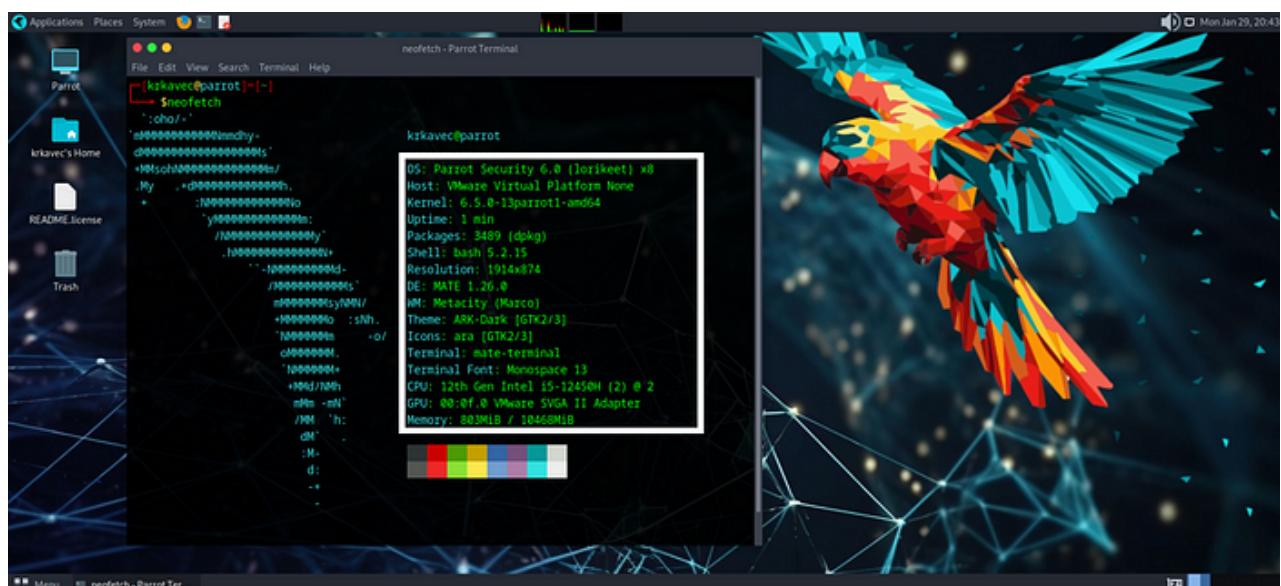
```
[~] $ sudo apt update && sudo apt full-upgrade
[sudo] password for krkavec:
Hit:1 https://deb.parrot.sh/parrot lts/main amd64 libssh-4 amd64 0.9.7-0+deb11u1 [188 kB]
Hit:2 https://deb.parrot.sh/parrot parrot InRelease
Hit:3 https://deb.parrot.sh/direct/parrot parrot-security InRelease
Hit:4 https://deb.parrot.sh/parrot parrot-backports InRelease
```

Command 3 Type

```
Configuration file '/etc/bash.bashrc'
==> Modified (by you or by a script) since installation.
==> Package distributor has shipped an updated version.
What would you like to do about it ? Your options are:
  Y or I : install the package maintainer's version
  N or O : keep your currently-installed version
  D      : show the differences between the versions
  Z      : start a shell to examine the situation
The default action is to keep your current version.
** bash.bashrc (Y/I/N/O/D/Z) [default=N] ? Y
Installing new version of config file /etc/bash.bashrc ...
Installing new version of config file /etc/nanorc ...
```

Reboot System

Once the reboot process is finished, open a terminal and run the command and it will show us that Parrot OS 6 has been installed.



Conclusion

With this we are done, we saw how to install Parrot OS 6 in VirtualBox, VMware, from a Debian Distro with an alternative script, there are other installation methods that I will be sharing in another post, thank you for reading it and see you next time.

Remember that only practice improves your skills and always TRY HARD .

| Greetings and success

Thank you for reading my post feel free to share it on your social networks and friends to spread the knowledge to the right people.