

# Upgrade & Update Parrot OS

 [cyb3r-kr4k3s.medium.com/upgrade-update-parrot-os-64a803fe5fd6](https://cyb3r-kr4k3s.medium.com/upgrade-update-parrot-os-64a803fe5fd6)

Cyb3r-Kr4k3s

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Cyb3r-Kr4k3s

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Welcome future Crack's of Cybersecurity to my second post this time we are going to learn how to update Parrot OS Security Edition.

To update the Parrot OS Security Edition dependencies and tools, you need to run the following commands in the terminal:

The next command helps us to know which version of Parrot OS Security Edition is running in our computer, virtual machine or in another instance where it was installed.

```
| $ cat /etc/os-release
```

```

└─ $cat /etc/os-release
PRETTY_NAME="Parrot OS 5.0 (Electro Ara)"
NAME="Parrot OS"
VERSION_ID="5.0"
VERSION="5.0 (Electro Ara)"
VERSION_CODENAME=ara
ID=parrot
ID_LIKE=debian
HOME_URL="https://www.parrotsec.org/"
SUPPORT_URL="https://community.parrotsec.org/"
BUG_REPORT_URL="https://community.parrotsec.org/"

```

Command 1

The next step is to add the correct Parrot OS Security Edition repositories, it can be done in two ways, the first one is through the nano editor, and the second one with the cat command.

```
$ nano /etc/apt/sources.list
```

```
└─ $nano /etc/apt/sources.list
```

Command 2

```

GNU nano 5.4 /etc/apt/sources.list
deb https://deb.parrot.sh/parrot lts main contrib non-free
deb-src https://deb.parrot.sh/parrot lts main contrib non-free

```

Result Command 2

```
$ cat /etc/apt/sources.list
```

```

└─ $cat /etc/apt/sources.list
deb https://deb.parrot.sh/parrot lts main contrib non-free
deb-src https://deb.parrot.sh/parrot lts main contrib non-free

```

Command & Result 3

Next, the packages are updated based on the previously configured repositories.

```
$ sudo apt update
```

```

$ sudo apt update
PRETTY_NAME="Parrot OS 5.0 (Electro Ara)"
We trust you have received the usual lecture from the local System
Administrator. It usually boils down to these three things:
VERSION="5.0 (Electro Ara)"
VERS#1) Respect the privacy of others.
ID#2) Think before you type.
ID#3) With great power comes great responsibility.
HOME_URL="https://www.parrotsec.org/"
[sudo] password:
Get:1 https://deb.parrot.sh/parrot lts InRelease [14.6 kB]
Get:2 https://deb.parrot.sh/parrot parrot InRelease [14.6 kB]
Get:3 https://deb.parrot.sh/direct/parrot parrot-security InRelease [14.3 kB]
Get:4 https://deb.parrot.sh/parrot parrot-backports InRelease [14.5 kB]
Get:5 https://deb.parrot.sh/parrot lts/contrib Sources [66.5 kB]
Get:6 https://deb.parrot.sh/parrot lts/non-free Sources [124 kB]
Get:7 https://deb.parrot.sh/parrot lts/main Sources [14.0 MB]
Get:8 https://deb.parrot.sh/parrot lts/main amd64 Packages [17.7 MB]
deb-src https://deb.parrot.sh/parrot lts/main contrib non-free
Get:9 https://deb.parrot.sh/parrot lts/contrib amd64 Packages [115 kB]
Get:10 https://deb.parrot.sh/parrot lts/non-free amd64 Packages [209 kB]

```

Command & Result 4

If you want to know the list of packages to be updated in your Kali Linux run the next command on the terminal

```
$ sudo apt list --upgradable
```

```

$ sudo apt list --upgradable
[sudo] password:
Listing... Done
airgeddon/parrot,parrot 11.01+parrot0 all [upgradable from: 11.0+parrot0]
anonsurf-cli/parrot,parrot 3.3.2+parrot1 amd64 [upgradable from: 3.3.2+parrot0]
anonsurf-gtk/parrot,parrot 3.3.2+parrot1 amd64 [upgradable from: 3.3.2+parrot0]
anonsurf/parrot,parrot 3.3.2+parrot1 amd64 [upgradable from: 3.3.2+parrot0]
apache2-bin/parrot,parrot 2.4.54-1-deb11u1 amd64 [upgradable from: 2.4.53-1-deb11u1]
apache2-data/parrot,parrot 2.4.54-1-deb11u1 all [upgradable from: 2.4.53-1-deb11u1]
apache2-utils/parrot,parrot 2.4.54-1-deb11u1 amd64 [upgradable from: 2.4.53-1-deb11u1]
apache2/parrot,parrot 2.4.54-1-deb11u1 amd64 [upgradable from: 2.4.53-1-deb11u1]
azure-cli/parrot-backports 2.39.0-1-bpoll1+1 all [upgradable from: 2.35.0-1-bpoll1+1]
base-files/parrot,parrot 1:2022.07.11+parrot1 amd64 [upgradable from: 1:2021.09.29+parrot10]
broadcom-sta-dkms/parrot,parrot 6.30.223.271-20parrot1 all [upgradable from: 6.30.223.271-17]
codium/parrot,parrot,parrot-backports 1.70.1-1660177146 amd64 [upgradable from: 1.66.2-1649809017]
curl/parrot-backports 7.84.0-2-bpoll1+1 amd64 [upgradable from: 7.82.0-2-bpoll1+1]
dirmngr/parrot,parrot,parrot-security 2.2.27-2+deb11u2 amd64 [upgradable from: 2.2.27-2+deb11u1]
distro-info-data/parrot,parrot 0.51+deb11u2 all [upgradable from: 0.51+deb11u1]
dkms/parrot,parrot 3.0.3-4parrot1 all [upgradable from: 2.8.4-3]
dpkg-dev/parrot,parrot 1.20.11 all [upgradable from: 1.20.9+parrot2]

```

Command & Result 5

The next step update packages to the last available version in the repository:

It is important to note that at some point during the update of the packages we will be asked for a confirmation where we will have to type a letter according to the installation language in this case Y (Yes), then enter and the process will continue.

```
$ sudo apt upgrade
```

```
$sudo apt upgrade
```

Command 6

```
libtirpc3 libudev1 libuno-cppu3 libuno-cppuhelpergcc3-3 libuno-purpenvhelpergcc3-3 libuno-sal3
libuno-salhelpergcc3-3 libvlc-bin libvlc5 libvlccore9 libwbclient0 libwebkit2gtk-4.0-37 libwinpr2-2
libyara9 lintian linux-headers-amd64 linux-image-amd64 linux-libc-dev logrotate mat2 metasploit-fra
network-manager nginx nginx-common nginx-core nodejs nodejs-doc ntfs-3g openconnect openjdk-11-jdk
openjdk-11-jdk-headless openjdk-11-jre openjdk-11-jre-headless openjdk-17-jre openjdk-17-jre-headle
openssh-client openssh-server openssh-sftp-server openssl openvas-scanner orca ospd-openvas parrot-
parrot-drivers parrot-wallpapers php7.4-cli php7.4-common php7.4-json php7.4-opcache php7.4-readlin
postgresql-13 postgresql-client-13 python3-azure-cli-core python3-azure-cli-telemetry python3-brlap
python3-gvm python3-ldb python3-louis python3-msal python3-msal-extensions python3-pyatspi python3-
python3-speechd python3-uno qemu-guest-agent r8168-dkms realtek-rtl8188eus-dkms realtek-rtl8814au-d
realtek-rtl88xxau-dkms redis-server redis-tools rizin rizin-cutter rsyslog ruby-activesupport samba
samba-common samba-common-bin samba-dsdb-modules samba-libs samba-vfs-modules smbclient speech-disp
speech-dispatcher-audio-plugins systemd-systemd-sysv systemd-timesyncd tcpdump tmux tor tor-geoipdb
udev uno-libs-private unzip ure virtualbox-guest-utils virtualbox-guest-x11 vlc vlc-bin vlc-data vl
vlc-plugin-access-extra vlc-plugin-base vlc-plugin-notify vlc-plugin-qt vlc-plugin-samba vlc-plugin
vlc-plugin-video-output vlc-plugin-video-splitter vlc-plugin-visualization webext-ublock-origin
webext-ublock-origin-chromium webext-ublock-origin-firefox wireless-regdb xbrlapi xserver-common
xserver-xorg-core xserver-xorg-legacy xvfb yara
234 upgraded, 22 newly installed, 1 to remove and 1 not upgraded.
Need to get 1,011 MB of archives.
After this operation, 577 MB of additional disk space will be used.
Do you want to continue? [Y/n]
```

upgrade validation

```
Configuration file '/etc/apt/sources.list.d/parrot.list'
==> 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.
*** parrot.list (Y/I/N/O/D/Z) [default=N] ? Y
Progress: [ 79%] [#####.....]
```

upgrade validation

If everything has been updated correctly we should see the next message

```
Processing triggers for cracklib-runtime (2.9.6-3.4) ...
Processing triggers for dbus (1.12.20-2) ...
Processing triggers for shared-mime-info (2.0-1) ...
Processing triggers for postgresql-common (225) ...
supported-versions: WARNING! Unknown distribution: parrot
debian found in ID_LIKE, treating as Debian
supported-versions: WARNING: Unknown Debian release: 5.1
Building PostgreSQL dictionaries from installed myspell/hunspell packages...
  en_us
Removing obsolete dictionary files:
Setting up realtek-rtl8814au-dkms (5.8.5.1~git20220614.af00239-0parrot1) ...
Loading new realtek-rtl8814au-5.8.5.1~git20220614.af00239 DKMS files...
Building for 5.16.0-12parrot1-amd64 5.18.0-14parrot1-amd64
Building initial module for 5.16.0-12parrot1-amd64
Done.
```

To upgrade the fully-featured distribution to the next available version, run the next command in the terminal:

```
| $ sudo parrot-upgrade
```



```
$sudo parrot-upgrade
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
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
Some packages could not be installed. Some list information follows.
```

One of the last steps to follow is to restart our Parrot OS Security Edition

```
$ sudo reboot -f
```

Once you have restarted Parrot OS Security Edition, the last thing to do is to check again the version you have installed.

```
$sudo reboot -f
```

Reboot Command 8

```
$cat /etc/os-release
PRETTY_NAME="Parrot OS 5.1 (Electro Ara)"
NAME="Parrot OS"
VERSION_ID="5.1"
VERSION="5.1 (Electro Ara)"
VERSION_CODENAME=ara
ID=parrot
ID_LIKE=debian
HOME_URL="https://www.parrotsec.org/"
SUPPORT_URL="https://community.parrotsec.org/"
BUG_REPORT_URL="https://community.parrotsec.org/"
```

Thank you for reading and reviewing my second article, if this content is helpful for you or you know someone who might be interested, I would appreciate you to share it, so that it reaches anyone who is interested in learning about Hacking, Cybersecurity and more content that I will be sharing for this community.

thanks and regards to everyone