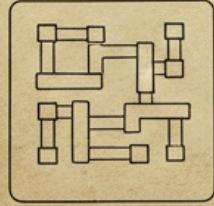


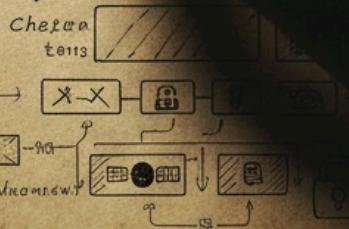
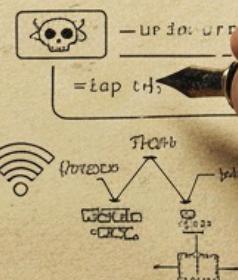
DAY-8: KALI LINUX & PARROT OS ENVIRONMENT SETUP (HACKER'S MACHINE)

"Master the system before you challenge it."



```
apt update && upgrade ((  
    rmap -p= --open =();  
    apt update && =()2(  
    rmap -p= --open ()3;  
))
```

```
=lapdue tneation [ltSE/2] ))  
apt aptvirus tnd upgrade =((  
    esc //rmmp -p= --603);
```



Microsoft

Windows

Mac

Linux

Android

iOS

Smartphone

Tablet

Watch

Smart TV

Smart Home

Robotics

Cloud

Edge

IoT

Blockchain

Quantum Computing

AI

ML

NLP

CV

DL

RL

GAN

VAE

AE

CP

GP



Kali Linux

(VMware/VirtualBox)

- Designed for Penetration Testing & Security Auditing
 - 600+ pre-installed security tools

System Requirements:

- Minimum 4 GB RAM (8 GB recommended)
- 20-30 GB free disk space



I'd choose Kali Linux when:

- Conducting professional pentesting engagements
- Need the most comprehensive tool collection
- Working on projects requiring industry-standard documentation.

Widely used for Pentesting Tools





Software selection

At the moment, only the core of the system is installed. The default selections below will install Kali Linux with its standard desktop environment and the default tools.

You can customize it by choosing a different desktop environment or a different collection of tools.

Choose software to install:

- Desktop environment [selecting this item has no effect]
- ... Xfce (Kali's default desktop environment)
- ... GNOME
- ... KDE Plasma
- Collection of tools [selecting this item has no effect]
- ... top10 -- the 10 most popular tools
- ... default -- recommended tools (available in the live system)
- ... large -- default selection plus additional tools

Installation / Configuration

Configuring the OS for stability

Screenshot

Continue

Boot / Start KALI

Preparing the base system

Kali Linux installer menu (BIOS mode)

Graphical install

Install

Advanced options

>

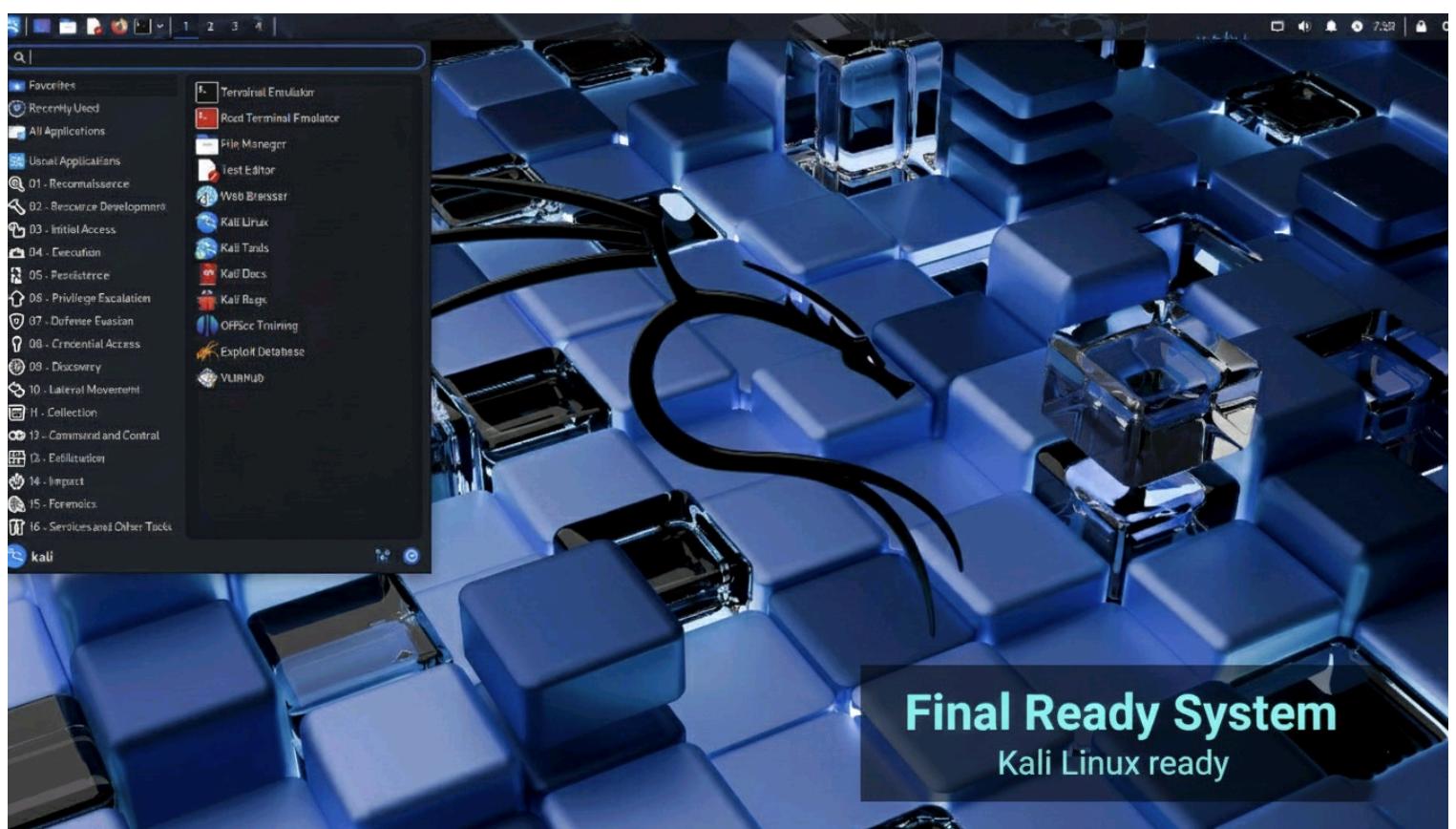
Accessible dark contrast installer menu

>

Help

Install with speech synthesis





(root@kali)-[~]
apt full-upgrade -y

Reading package lists ... Done
Building dependency tree ... Done
Reading state information ... Done
Calculating upgrade ... Done
The following packages were automatically installed and are no longer required:
libabsl20220623 libadwaita-1-0 libaiol libappstream5 libatk-adaptor libboost-dev
libboost-iostreams1.74.0 libboost-thread1.74.0 libjxl0.7 libkate1 libndctl6 libnsl-dev libopenblas-dev libopenblas-pthreaded libopenblas0
libpmem1 libpoppler126 libpthread-stubs0-dev libpython3.12t64 libre2-10 libroc0.3 librpm9 librpmbuild9 librpm109 librpmisign9
libsnapd-glib-2-1 libstemmer0d libtirpc-dev libunibreak5 libvpx8 libwireplumber-0.4-0
libwpe-1.0-1 libwpebackend-fdo-1.0-1 libx265-19 Keeping the system up-to-date
python3-all-dev python3-anyjson python3-beniget python3-gast python3-mistune0
python3-pyatspi python3-pypdf2 python3-puppeteer python3-persistent python3-pythran
python3.12-dev samba-ad-provision samba-dsdb-modules xtl-dev zenity zenity-common
Use 'apt autoremove' to remove them.
The following packages will be REMOVED:
libafflib0v5 libapr1 libaprutil1 libapt-pkg6.0 libarchive13 libarpack2 libasound2
libatk-bridge2.0-0 libatk1.0-0 libatrildocument3 libatrilview3 libatspi2.0-0 libbson-1.0-0

APT Update & Upgrade

(installing packages/up to date)



Parrot OS

(VMware/VirtualBox):

- Lighter on system resources, fast on older hardware / limited VMs
 - ✓ Penetration testing tools
 - ✓ Privacy protection & cryptography
 - ✓ Software development tools

System Requirements:

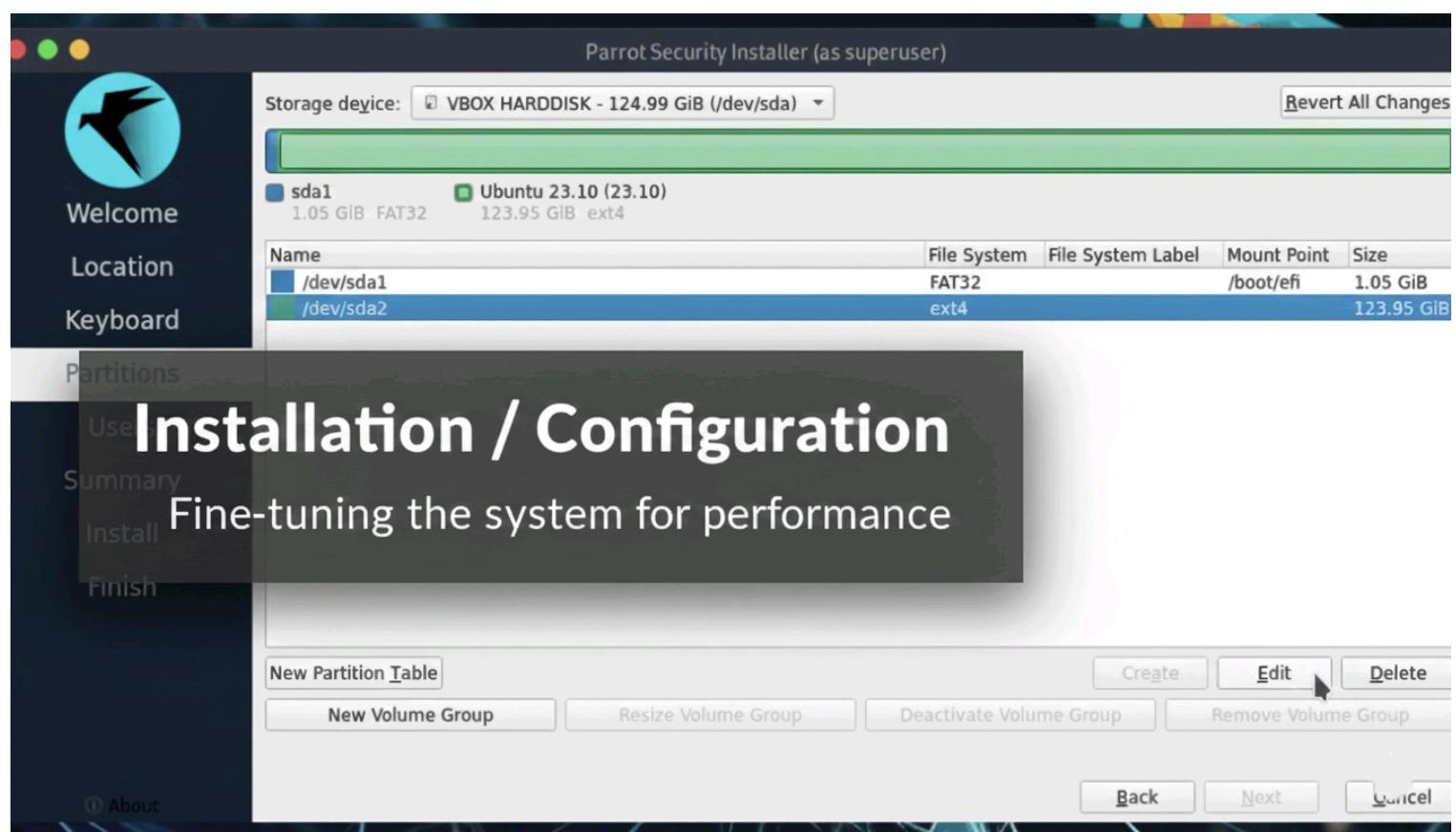
- Minimum 4 GB RAM
- 20 GB disk space



I'd choose Parrot OS when:

- ✓ Working on a system with limited resources
- ✓ Need a balance between security testing and privacy protection
- ✓ Want a more aesthetically pleasing and user-friendly interface
- ✓ Doing digital forensics work (Parrot has excellent forensic tools)





GNU GRUB version 2.06-19+parrot5

*Parrot OS 6 GNU/Linux
Parrot OS 6 GNU/Linux, with Linux 6.5.0-13parrot1-amd64 (Nouveau/Nvidia Off)
Parrot OS 6 GNU/Linux, with Linux 6.5.0-13parrot1-amd64 (Nomodeset / ACPI Off)
Advanced options for Parrot OS 6 GNU/Linux
UEFI Firmware Settings

Boot / Start

Setting up the foundation

Use the ↑ and ↓ keys to select which entry is highlighted.
Press enter to boot the selected OS, 'e' to edit the commands before booting or 'c' for a command-line.



Desktop Setup

Clean setup Focused workflow

Parrot Terminal

File Edit View Search Terminal Help

[user@parrot]~

\$sudo apt update

[sudo] password for user:

```
Get:1 https://deb.parrot.sh/parrot parrot InRelease [14,6 kB]
Hit:2 https://deb.parrot.sh/direct/parrot parrot-security InRelease
Get:3 https://deb.parrot.sh/parrot parrot-backports InRelease [14,5 kB]
Get:4 https://deb.parrot.sh/parrot parrot/main amd64 Packages [17,7 MB]
Get:5 https://deb.parrot.sh/parrot parrot/contrib amd64 Packages [114 kB]
Get:6 https://deb.parrot.sh/parrot parrot/non-free amd64 Packages [209 kB]
Get:7 https://deb.parrot.sh/parrot parrot-backports/main amd64 Packages [786 kB]
Get:8 https://deb.parrot.sh/parrot parrot-backports/contrib amd64 Packages [17,8 kB]
```

Fetched 18,9 MB in 5s (4.131 kB/s)

Reading package lists... Done

APT Update & Upgrade

Updating core system packages