

Kali Linux
Official Kali Linux website
Kali Linux is a Linux distribution designed for digital forensics, penetration testing, and information security. It is based on Debian and includes a wide range of tools for network analysis, web application security, and system administration. Kali Linux is available in both desktop and live versions, and is supported by a community of users and developers.

Features:

- Pre-installed security tools (Metasploit, Nmap, Wireshark, etc.)
- Regular updates and security patches
- Support for hardware acceleration (GPU)
- Customizable desktop environment
- Live boot option for testing and demonstration

Installation:

1. Download the Kali Linux ISO image from the official website.
2. Create a bootable USB drive or DVD using a tool like Rufus or Etcher.
3. Boot the system from the USB/DVD and follow the installation instructions.
4. Select the desired desktop environment and partitioning options.
5. Complete the installation and reboot the system.

Usage:

Kali Linux is primarily used for penetration testing and security research. It provides a platform for testing the security of systems, networks, and applications. Users can utilize the pre-installed tools to perform various tasks such as network scanning, vulnerability assessment, and exploit development.

Community:

Kali Linux has a large and active community of users and developers. The community provides support, shares knowledge, and contributes to the development of the distribution. Users can find resources, tutorials, and forums on the Kali Linux website and other online platforms.

License:

Kali Linux is licensed under the GNU General Public License (GPL). This means that the source code is open and can be modified and distributed by anyone.