PENETRATION TESTING AND HACKING TOOLS FOR KALI LINUX INFORMATION AND NETWORK SECURITY

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INTRODUCTION:

Best Kali Linux Tools for Hacking and Penetration Testing

Here's our list of best Kali Linux tools that will allow you to assess the security of webservers and help in performing hacking and pen-testing.

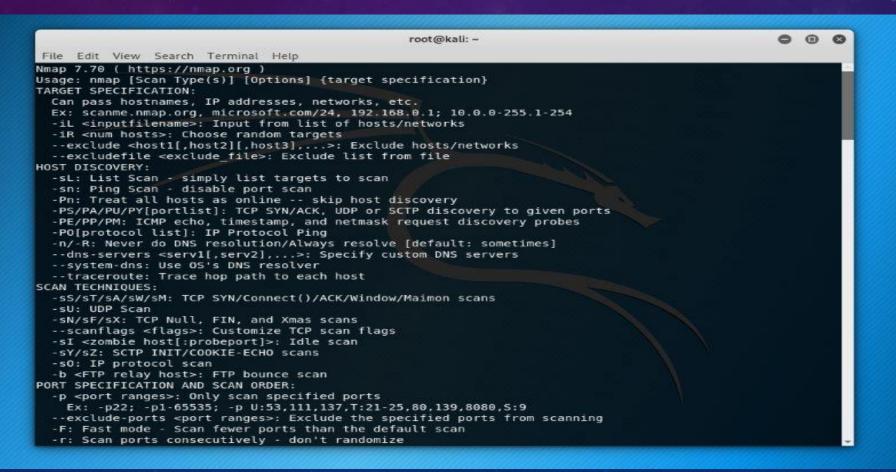
If you read the Kali Linux review, you know why it is considered one of the best Linux distributions for hacking and pen-testing and rightly so. It comes baked in with a lot of tools to make it easier for you to test, hack, and for anything else related to digital forensics.

It is one of the most recommended Linux distro for ethical hackers. Even if you are not a hacker but a webmaster – you can still utilize some of the tools to easily run a scan of your web server or web page.

Note that not all tools mentioned here are open source.

NMAP

Nmap or "Network Mapper" is one of the most popular tools on Kali Linux for information gathering. In other words, to get insights about the host, its IP address, OS detection, and similar network security details



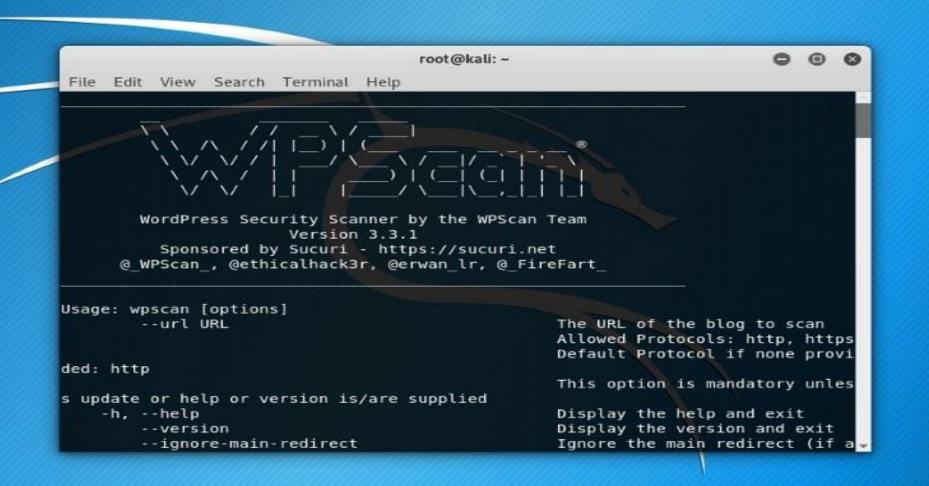
WPSCAN

WordPress is one of the <u>best open source CMS</u> and this would be the best free WordPress security auditing tool. It's free but not open source.

If you want to know whether a WordPress blog is vulnerable in some way, <u>WPScan</u> is your friend.

In addition, it also gives you details of the plugins active. Of course, a well-secured blog may not give you a lot of details, but it is still the best tool for WordPress security scans to find potential vulnerabilities.

WPSCAN



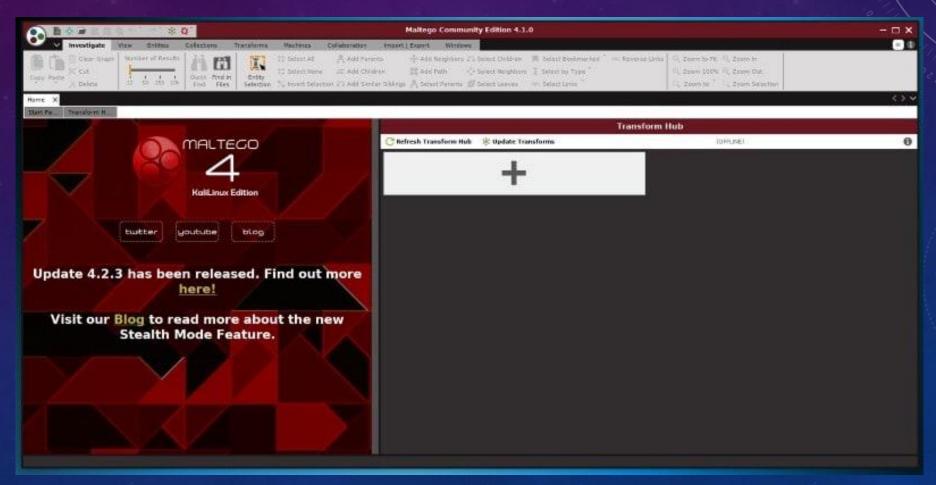
METASPLOIT

Metsploit Framework is the most used penetration testing framework. It offers two editions – one (open source) and the second is the pro version to it. With this tool, you can verify vulnerabilities, test known exploits, and perform a complete security assessment.

```
Terminal
     Edit View Search Terminal Help
   Database already started
[i] The database appears to be already configured, skipping initialization
              payloads - 42 encoders - 10 nops
          Free Metasploit Pro trial: http://r-7.co/trymsp
```

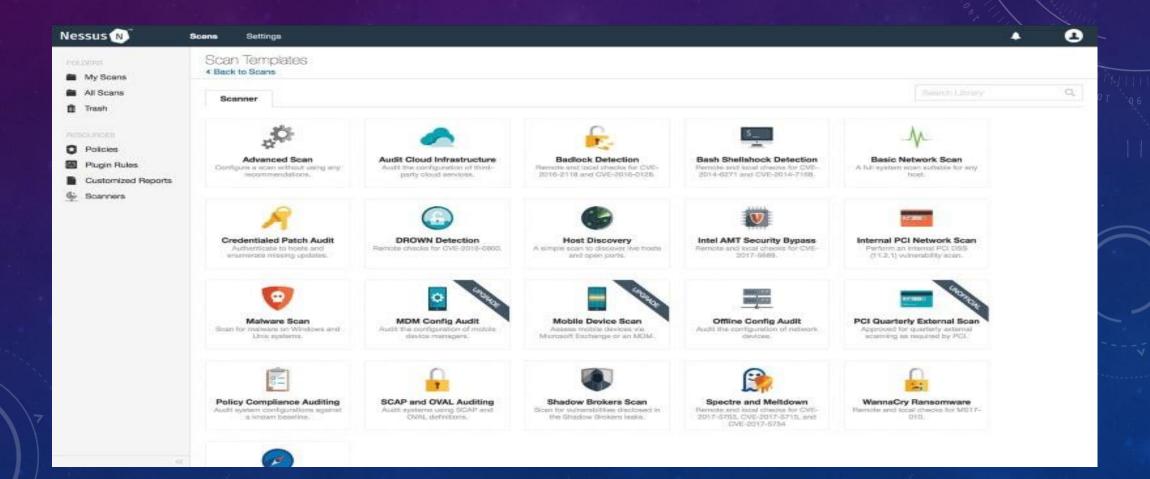
MALTEGO

<u>Maltego</u> is an impressive data mining tool to analyze information online and connect the dots (if any). As per the information, it creates a directed graph to help analyze the link between those pieces of data.



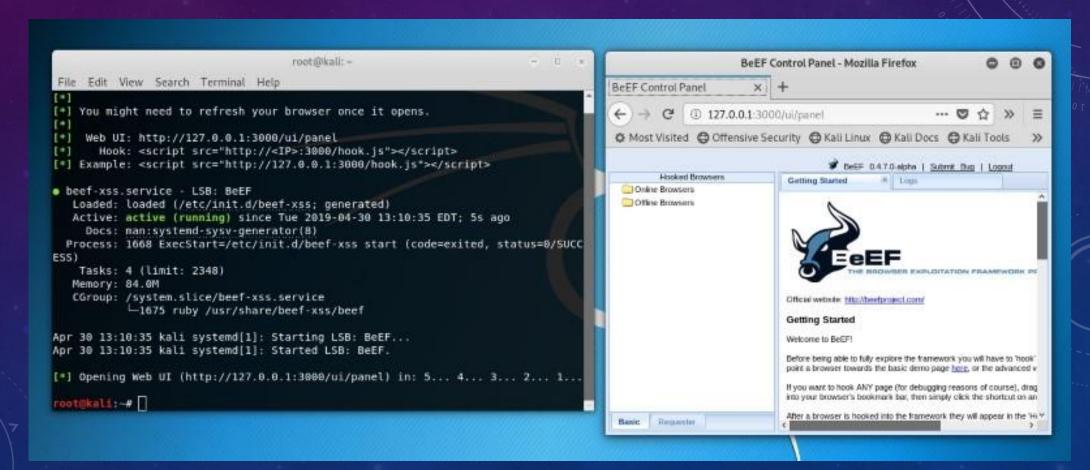
NESSUS

If you have a computer connected to a network, Nessus can help find vulnerabilities that a potential attacker may take advantage of. Of course, if you are an administrator for multiple computers connected to a network, you can make use of it and secure those computers.



BEEF

BeEF (Browser Exploitation Framework) is yet another impressive tool. It has been tailored for penetration testers to assess the security of a web browser.



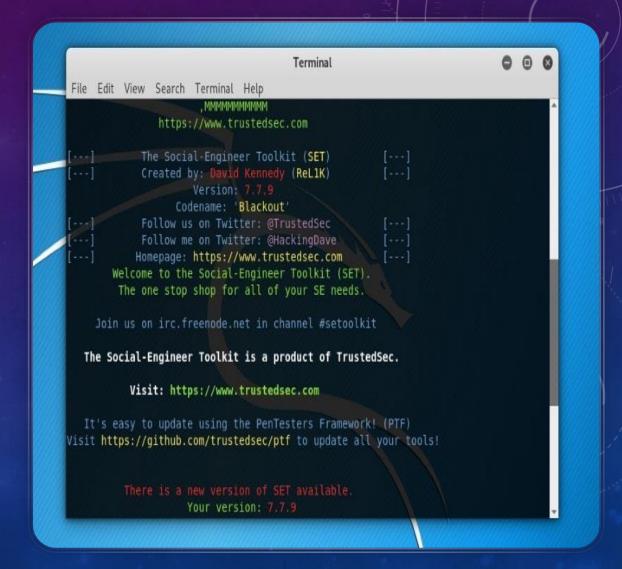
NIKTO

<u>Nikto</u> is a powerful web server scanner – that makes it one of the best Kali Linux tools available. It checks in against potentially dangerous files/programs, outdated versions of server, and many more things.



SOCIAL ENGINEERING TOOLKIT (SET)

If you are into pretty serious penetration testing stuff, this should be one of the best tools you should check out. Social engineering is a big deal and with <u>SET</u> tool, you can help protect against such attacks.



THE END ©