

# Termux Hacking Tutorials By Techncyber

1

HACKING WITH TERMUX  
FOR NEXT LEVEL HACKERS



Wanna Be a Hacker, Lets Join  
Together

**ETHICAL  
HACKING  
WITH  
TERMUX  
THE  
ULTIMATE  
GUIDE**

The Ultimate Guide To Ethical  
Hacking With Termux by  
Techncyber

# Termux Hacking Tutorials By Techncyber

2

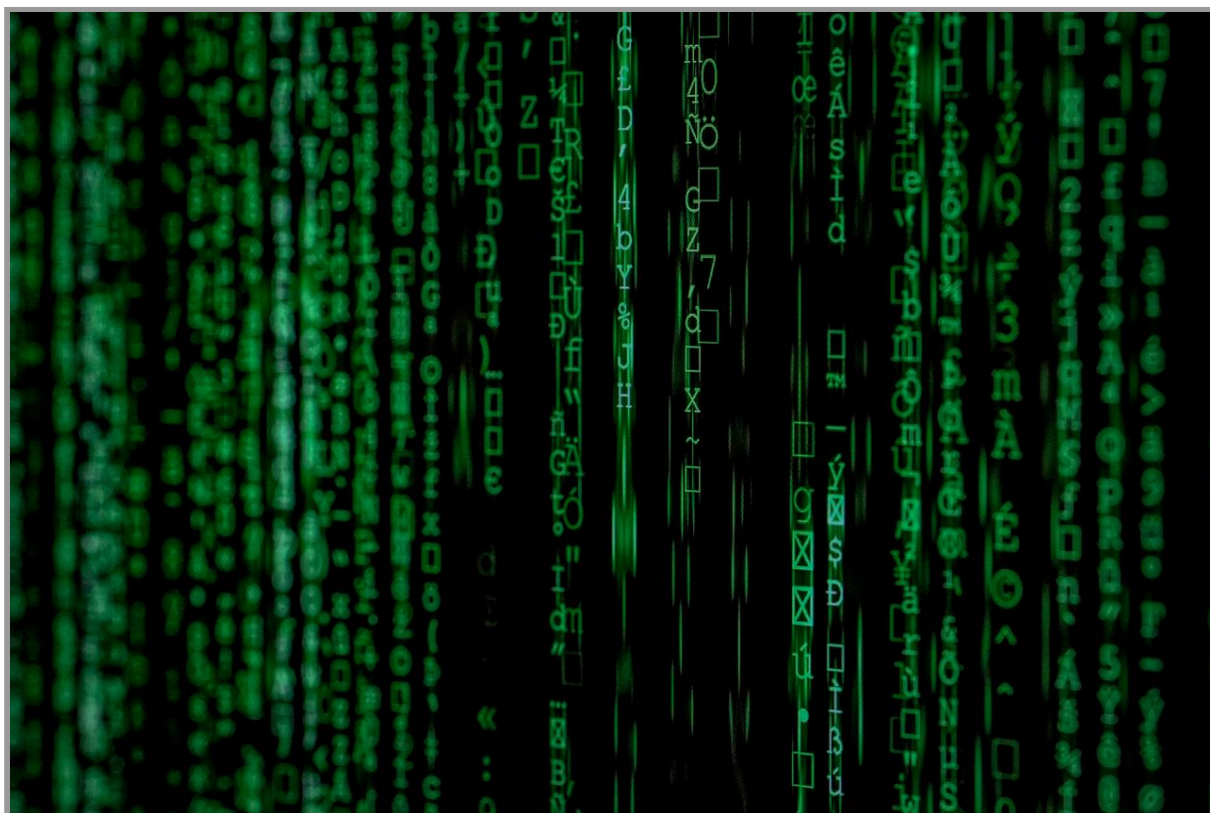
---

## Hacking Is Not At All Crime, It's An Art..

---

When People Hears The Word **Hacking** , They imagines a Lot and thinks that Hacking is a few clicks Magic with Computers..

Here What People imagines When They Hears The Word Hacking



But when it comes Real life, Hacking Is Totally Different than you see in the movies.

# Termux Hacking Tutorials By Techncyber

3

And The **Hackers** also different than those you see in the movies.

In Real life People Divides **Hackers** into two types,

you might thought about **White Hat Hackers** and **Black Hat Hackers**

If so then you're wrong.

In Real life People divides **Hackers** into two types

1. **Real Hackers**
2. **Fake Hackers**

In Front of People's Imagination **Real Hackers** are those Who Hacks Ultimately into Bank Accounts, Websites, shuts down any services, and does some amazing things with computers and they thinks that **All Those Real Hackers** are **Ethical Hackers** and they are **Anonymous**

In Front of People's imagination Second one is those **Fake Hackers**, They think these Hackers are Noobs, and they knows nothing about hacking and they even can't hack but claims they are Hackers..

**Important Note:** Still if you don't know Who are Hackers and the Types Of Hackers, still don't know the sense Behind Hacking.

**Than Seriously Don't Read This Book, As This Book is Not For You, Go Back and Gain some Basic Knowledge About Hacking**

---

**We are The Hackers, We Do What we Do**

Although This Book is For Beginner Level Hackers, if you're an Intermediate Level or Expert Level Hacker still this Book will be helpful to you.

Nowadays people are more interested in Hacking & Cyber Security, and i know you're too one of them.

# Termux Hacking Tutorials By Technicyber

4

But Technology Has Been Changed and Everything Gets Smarter,  
In the Past We Have Used Kali Linux, Backtrack and other OS for any kind of security auditing & vulnerability scanning, Now We Can Do the Same Stuff Using Our Smartphone through Termux

Today We are Going To Discover a Linux Environment inside the Android Smartphone and Start Hacking from your fingertips.

Before We START..

Let Me Tell You about the author, with whom you're now going to spend a little bit of time.

**Hello There,  
I Am Basudev, a 19 years old boy From Andhra Pradesh, India.  
Am a Noobish Hacker and a Blogger,  
Me too a Tech enthusiast like you, Moreover i hate to boast myself..**

**I Have Created This Ebook To Share My Knowledge With The People Like You,**

**In This Ebook I have tried My Best To Teach you How You Can Hack Through Termux Android App in a simple and Noob Friendly Way,  
But It's your own responsibility How Well You Use This Guide..**

---

# Termux Hacking Tutorials By Technocyber

5

---

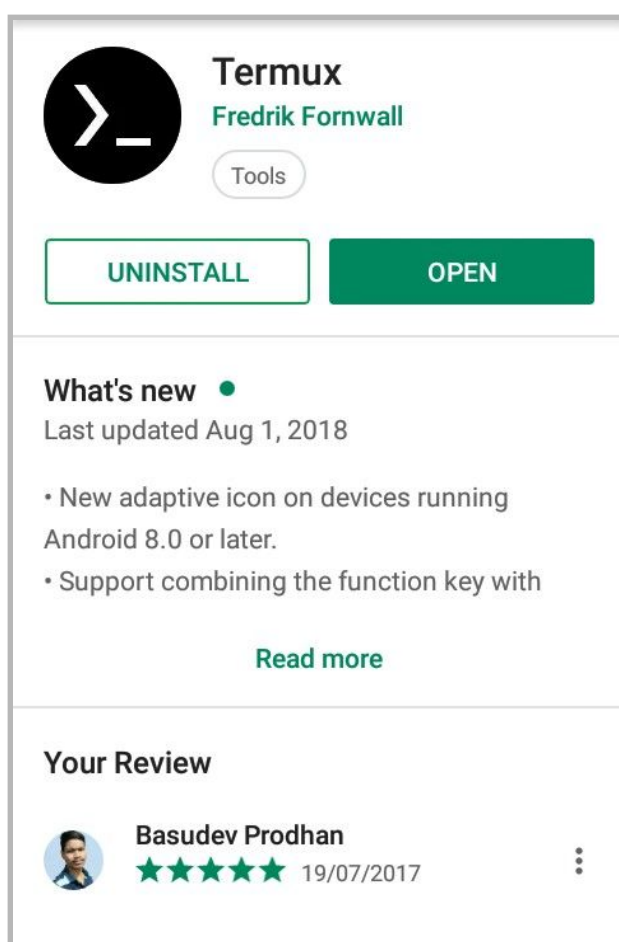
## Table Of Content :

1. Introduction To Termux Android App
  2. FAQ..
  3. Basic Termux Commands
  4. Basics Of Termux Packages
  5. Programming Languages In Termux
  6. Hacking Tools In Termux
-

# Termux Hacking Tutorials By Techncyber

6

## Introduction To Termux



**Termux** is a Terminal Emulator Plus Linux Environment, That allows us to use the Linux Environment on our Android within few clicks..

Few Years Back, I Have Tried a lot of apps to setup a Linux Environment on a Smartphone For Hacking, I Have Tried Debian NoRoot that's Cool but not stable at all, later tried installing the Kali Linux on Android, That was awesome..

# Termux Hacking Tutorials By Technocyber

7

But that consumes some storage space, that's not good for all of us, later Found This Awesome [Termux](#) App

Which is Now We Are Going To Start Hacking with,

Firstly Install Termux From Playstore & I Highly Recommend You to use Hackers Keyboard.

---

# Termux Hacking Tutorials By Techncyber

8

---

## FAQ...

- Does Termux Useful For Hacking?

My Answer Is Yes.. You can use Termux for Hacking, you can use some popular Hacking Tools in Termux

- Does Termux Requires Root Permissions?

Not at All, Root is Not Necessary To Use Termux, if You Have Root then you can do some advanced stuff, if you don't have root then nothing to worry still you can do the same stuff.

- Can i Became a Hacker by Using Termux App?

Apps / Tools doesn't Made Hackers, Hackers Made Tools. Perhaps you won't Be a Hacker unless you have the knowledge

- Is Termux Useful for Programmers?

Of Course It will be Helpful but limited

- Can i use Termux To Hack Websites?

My Answer is Yes, You Can use Termux to Hack Websites with the help of sqlmap and other hacking tools.

- Can i Hack Facebook, Gmail, Instagram using Termux?

Yes You Can, Only If You Know Which Tool You Should use.



# Termux Hacking Tutorials By Techncyber

9

- [Can i Hack a Android Phone With Termux?](#)

Yes You can Hack Using Metasploit Framework In Termux, Not Only Android Smartphones you can do even more with Metasploit.

- [Can I Hack Wifi Through Termux?](#)

My Answer is Yes and No, Because We Can Create a Wordlist in Termux For Hacking Wifi, while aircrack-ng, airmmon-ng etc, Wifi Hacking Tools Can Be Installed In Termux But Not Usable In All Devices

- [Can I Hack Everything With Termux?](#)

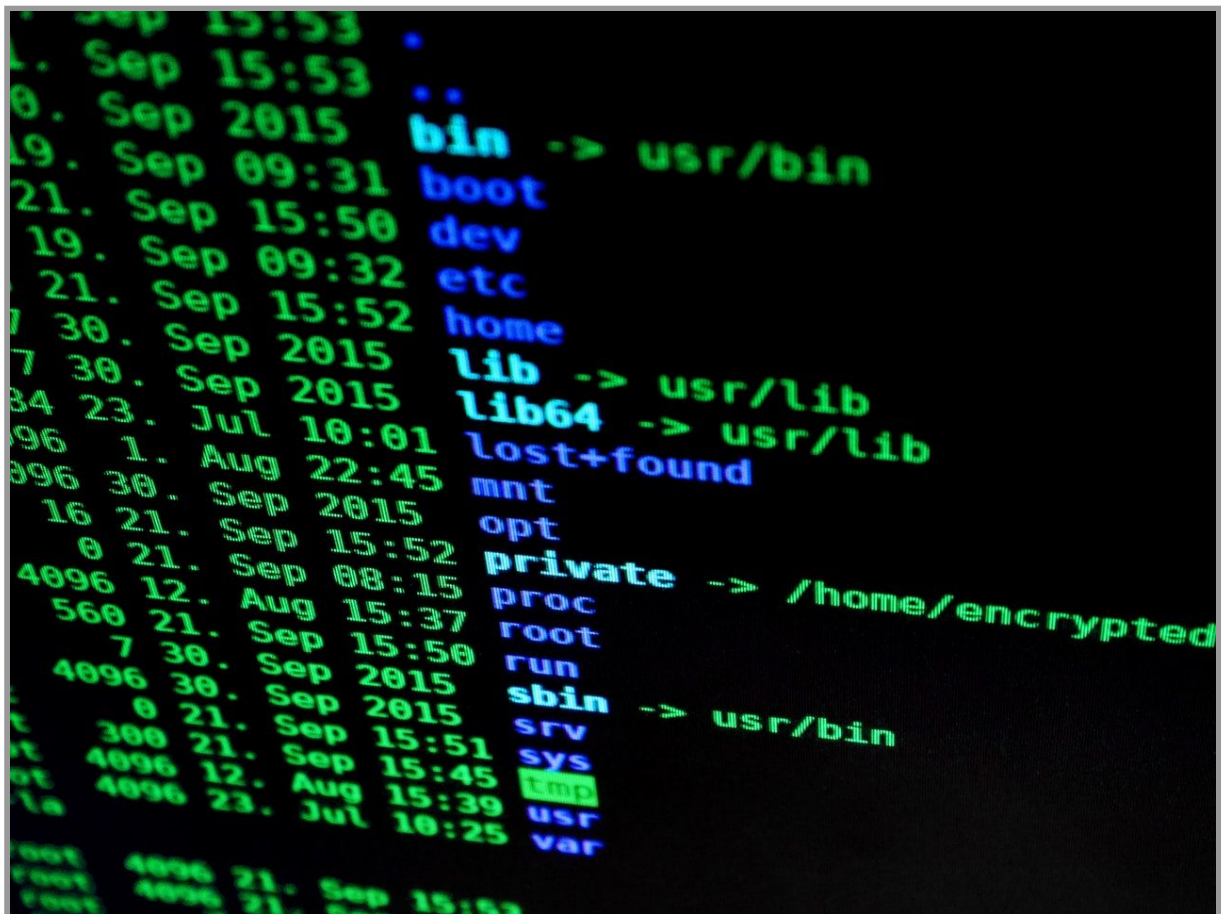
We Can Hack Anything But Not Everything..!

# Termux Hacking Tutorials By Technicyber

10

---

## Termux Commands Basics



## Don't Learn To Hack, Hack To Learn..!

If you're a Linux User then You can use termux in a ultimate way, if you aren't then no problem, you can learn Basic Termux Commands and move on.

# Termux Hacking Tutorials By Technncyber

11

## What are Termux Commands?

in simple words, Termux Commands are the terminal commands, which is executed to perform a particular task. These commands are similar to Linux Commands.

Before we drive into deep, let's start with some cool commands.

Lets Learn How To Use Cmatrix effects on Termux

For That Type Below Command

**pkg install cmatrix**

After that type

**cmatrix**

Cmatrix effects will be displayed on termux

# Termux Hacking Tutorials By Techncyber

12

Another Cool Command is Sl

Type

**pkg install sl**

After that type **sl**

That's all a small Train will Start Running On Termux

Now lets see what are the background running tasks through termux

just type below command

**top**

Now let's find the factor of any number, for that install below package by typing

**pkg install coreutils**

After that to find the factor of any number then type factor number

eg: **factor 100**

Lets play with text on termux

we can write text in different styles, firstly try with the figlet

Type

**pkg install figlet**

After that type figlet and type the text you want to write in figlet style

For Colourful text, you have to install toilet package for that, type below command

**pkg install toilet**

# Termux Hacking Tutorials By Technicyber

13

After that type toilet "your text"  
You can also try colour combination eg

**toilet -f mono12 -F gay "Your Text"**

Calendar in termux, if you can't to see the calendar in termux then type

**cal**

To see the calendar  
To see the time and date just type **date** in termux

Now let's talk about some helpful commands

**apt update**

This command used to update the termux built-in busybox and other packages  
**apt upgrade**

This command is used to upgrade the packages to latest

## **Accessing and managing files in termux**

To manage and access files in termux then you must type below command  
**termux-setup-storage**

To access a directory cd command is used  
The termux default directory is located at /data/data/com.termux/

You can access it anytime by typing **cd \$home**

# Termux Hacking Tutorials By Techncyber

14

**cd ..** command for goto previous directory

ls command as follows:

```
$ ls
Basu          hacktronian
Crips         hammer
Galileo       knock
Hash-Buster   lazysqlmap
Lazymux       mobb-hash-cracker
OWScan        pentest
OpenDoor      pureblood
RED_HAWK      py
Raccoon       sqldump
ReconDog      sqliv
Sublist3r     sqlmap
WPseku        sqlscan
WhatWaf       visQL
adminp        webkiller
dtect         webpwn3r
fbi           weevly
fuzzer        wpscan
$
```

**pwd** command for parent directory

**cd** command for accessing a directory

# Termux Hacking Tutorials By Technncyber

15

```
$ pwd
/data/data/com.termux/files/home
$ cd sqlmap
$ ls
LICENSE          sqlmap.py
README.md        sqlmapapi.py
doc              swagger.yaml
extra            tamper
lib              thirdparty
plugins          txt
procs           udf
shell            waf
sqlmap.conf      xml
$ cd ..
```

**ls** Command is used to see the list of sub directories

To access your internal sdcard you have to type **cd /sdcard && ls**

To Access your External Sdcard the same command is used **cd /sdcard0/ && ls**

To Remove/delete an empty Directory or a file, use this command : **rm -rf filename**

Where filename belongs to the name of the file or directory

Similarly you can use **rm -r filename**

To Make a Directory **mkdir** Command is used

Eg: mkdir Hello

Where Hello Belongs to a Directory Name

For Copying files from one directory to another, **cp** Command is used

Look at the image we have copied main.png to sdcard

# Termux Hacking Tutorials By Technicyber

16

```
WPSeKu          sqlscan
WhatWaf         viSQL
adminp          webkiller
dtect           webpwn3r
fbi             weevely
fuzzer          wpscan
$ cd WPSeKu && ls
LICENSE         modules
README.md      requirements.txt
db             screen
lib            wpseku.py
$ cd screen && ls
main.png
$ cp main.png /sdcard/
$
```

eg: cp /path/file /to-path

Similarly for moving files mv Command is used

Termux also Supports zipping and Unzipping of Zip files

For that zip , unzip Commands are used

## Text Editors for Termux

You can use **vim** and **nano** text editors inside termux

To install nano just type **pkg install nano** then you can use nano by just typing **nano**



# Termux Hacking Tutorials By Techncyber

17



```
num = 100
if num > 99:
    print("True")
else:
    print("False")
```

GNU nano 3.2 hello.py Modified

^G Get Hel ^O Write O ^W Where I ^K Cut Tex  
^X Exit ^R Read Fi ^\ Replace ^U Uncut T

1 2 3 4 5 6 7 8 9 0  
q w e r t y u i o p  
a s d f g h j k l  
↑ z x c v b n m ←x  
?123 🔊 🔍 . ↩

Similarly you can install **vim** by typing **pkg install vim** then type **vim** to start using vim

# Termux Hacking Tutorials By Technicyber

18

## Let's talk about Networking

**ifconfig** Command is used to get all the information regarding to your Network IP Address

To check a particular website is accessible or not in your ISP then you can check that through termux by typing

ping website

Eg: **ping google.com**

The Interesting thing is you can access the internet through termux, directly in command line

Firstly you have to install w3m package by typing

**pkg install w3m**

After that type below command to access any website

w3m website

eg: **w3m google.com**

Lynx is similar to w3m

To install lynx, type **pkg install lynx**

After that type **lynx google.com**

Not Only These you can use many other commands such as cat, man etc. on termux

---

# **Termux Hacking Tutorials By Technocyber**

**19**

# Termux Hacking Tutorials By Technicyber

20

---

## Termux Packages

Termux Packages are more Interesting, in order to manage them we have to use **pkg** command

Termux Packages Comes With all the necessary scripts as required to run a specific program.

For example

what should usually we do when we have to install and use python in our system, we goto python.org and download the required python version & we use an IDLE as compatible to our device architecture while linux users have pre installed

But in termux we can install python just by typing **pkg install python**

just type **pkg help** you will know how to use pkg commands.

Not only this, Termux also have a lot helpful packages such as **nmap**, **hydra** and a lot.

---

# Termux Hacking Tutorials By Techncyber

21

---

## Programming Languages In Termux

Programming Languages ?

You may think C, C++, Java, Python, Ruby, Php, Perl etc..

Exactly the same Termux is such a powerful linux environment that can handle the above Programming Languages.

- C
- C++
- Python 3.x
- Python 2.7
- Ruby
- Perl
- PHP
- And So On

To install and use c, c++ on Termux,

We have to just type **pkg install clang**

During installation you will be asked that Termux Will use some space just type **y** and Hit Enter

similarly we can install Python 2.7 by typing **pkg install python2**

# Termux Hacking Tutorials By Techncyber

22

```
$ python2
Python 2.7.15 (default, Sep 23 2018, 14:
55:02)
[GCC 4.2.1 Compatible Android (4751641 b
ased on r328903) Clang 7.0.2 (https://a
on linux2
Type "help", "copyright", "credits" or "
license" for more information.
>>> █
```

and Python 3 by typing **pkg install python**

```
$ python
Python 3.7.2 (default, Dec 28 2018, 01:0
4:53)
[Clang 7.0.2 (https://android.googlesour
ce.com/toolchain/clang 003100370607242d
on linux
Type "help", "copyright", "credits" or "
license" for more information.
>>> █
```

For PHP **pkg install php**

```
$ php --version
WARNING: linker: Unsupported flags DT_FL
AGS_1=0x8
WARNING: linker: Unsupported flags DT_FL
AGS_1=0x8
PHP 7.2.12 (cli) (built: Nov 11 2018 03:
17:55) ( ZTS )
Copyright (c) 1997-2018 The PHP Group
Zend Engine v3.2.0, Copyright (c) 1998-2
018 Zend Technologies
$ █
```

For Perl **pkg install perl**

For Ruby **pkg install ruby**

# Termux Hacking Tutorials By Techncyber

23

```
$ ruby --version
ruby 2.5.3p105 (2018-10-18 revision 6515
6) [arm-linux-androideabi]
$ █
```

You can Explore more just type `pkg help`

Although These Programming Languages are Enough For Hacking, Still We Can install and Use Many other programming languages such as Java etc..  
You Can Read The Tutorial From

<https://propakistani.pk/2018/06/08/here-is-how-you-can-write-and-run-c-java-and-python-programs-on-your-android-devices/>

---

# Termux Hacking Tutorials By Techncyber

24

---

## Hacking Tools In Termux

I Hope This Section Will Be The Most Interesting Part for you, Within Few Minutes We are Going To see the Linux + Hackers World Inside Our Smartphone.

When it comes to Hacking Tools, There are hundreds even thousands of Tools Available but am going to present you a few of them.

Which are Very Powerful and Used By Professional Security Researchers, Ethical Hackers and even Black Hat Hackers

When I Says About Hacking tools People think about Burp Suite, Wireshark and so on, if you're Too Then Dont Expect That We Cannot Use Such Tools Through Termux, But We Can Use The Tools Which Are Written In C, C++, Python, Ruby, Perl, Php and so on..

Mainly The Tools Which are Compatible For Termux (Especially The Tools Available For Kali Linux) and finally those tools used by all kind of Hackers

**Note: In This Section i have included a few Tools while there are a lot of tools available, you can try them later..**

When It Comes To Hacking Tools, mainly we should focus on Information Gathering Tools, Vulnerability Scanning Tools and Exploiting Tools.

### Information Gathering Tools In Termux:

There are Hundreds of Tools are Available For Information Gathering, Information Gathering Is Varies From Hackers To Hackers,



# Termux Hacking Tutorials By Techncyber

25

Let Me explain Clearly,

Information Gathering is Not Just All About Gathering Information on the target IP Address and servers, its wider and even more than we expect..

There is a huge difference on Information Gathering between the White hat Hackers and Black Hat Hackers

In This PDF am Not Gonna Teach you the Black Hat way, am just Presenting you the Professional Security Researcher's Tools

**Quick Note: Always Open A New Terminal Session While installing a Tool, as i know many of you will install all the tools in the first tool's directory**

# Termux Hacking Tutorials By Technicyber

26



**So Don't Forget to use new terminal session ( swiping left to find it and click on New Session before you're going to install any tool)**

## #1 Nmap :

When It comes to Information Gathering Nmap Is the Best Choice of Hackers

Lets See How You Can Install and Use Nmap in Termux

# Termux Hacking Tutorials By Techncyber

27

Installing Nmap in termux is very simple

Just Type Below Command in Termux To Install Nmap

**pkg install nmap**

When you execute the command nmap will be installed in termux within few seconds

Now you have to type nmap to start using nmap

```
$ nmap
WARNING: linker: Unsupported flags DT_FL
AGS_1=0x8
WARNING: linker: Unsupported flags DT_FL
AGS_1=0x8
Nmap 7.70 ( https://nmap.org )
Usage: nmap [Scan Type(s)] [Options] {ta
rget specification}
```

Don't know how to use nmap?  
then visit their official website [nmap.org](https://nmap.org) and learn

## #2 Th3Inspector Tool

Another Powerful Tool For Information Tool For Termux is The Inspector which is written in perl

The Installation and use age of Th3inspector Tool is much easier

Just type below commands into termux (must type one by one)

**git clone <https://github.com/Moham3dRiahi/Th3inspector.git>**

**cd Th3inspector**

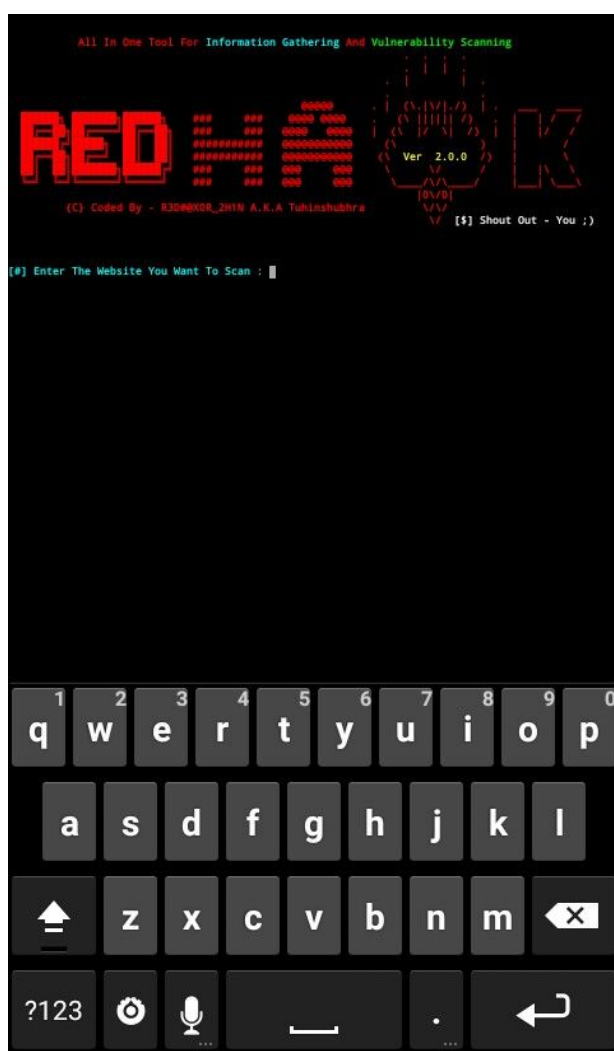
**chmod +x install.sh && ./install.sh**

# Termux Hacking Tutorials By Technicyber

28

Finally you will be able to use Th3inspector Tool by typing `perl Th3inspector.pl`

## #3 RED\_HAWK Tool



Though i don't Recommend this tool for Information Gathering at all, still its a great tool for web application pentesters. It is written in PHP

To install RED HAWK, just type below command to install php

# Termux Hacking Tutorials By Techncyber

29

`pkg install php`

Now we have install git, so type the command,

`pkg install git`

if git already installed then you can skip this

Now we have to clone RED\_HAWK from github

So type below command

`git clone https://github.com/Tuhinshubhra/RED\_HAWK`

After that now got RED HAWK folder by typing

`cd RED_HAWK && ls`

Now give read and write permission to rhawk.php file, for that type

`chmod +x rhawk.php`

Now All Done, You Can Run RED HAWK tool by typing

`php rhawk.php`

---

## Vulnerability Scanning Tools:

### #1 Sqlmap:

When it comes to vulnerability scanning, sqlmap will take first place in termux.

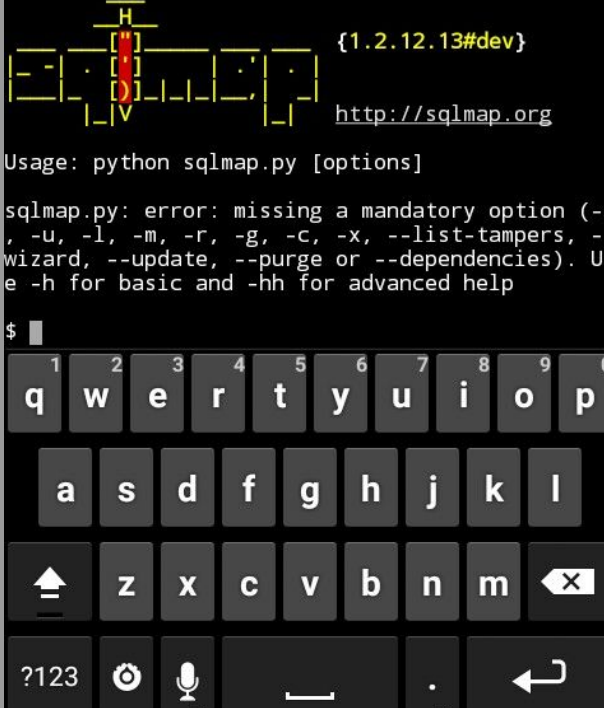
# Termux Hacking Tutorials By Techncyber

30

Sqlmap is a Powerful Sql injection scanner, it is widely used by all kind of hackers from Professional To Noobs.

Mainly its goal is to find sql injection vulnerabilities in Websites so it is packed with awesome exploits which makes sqlmap loved by All kind of Hackers in the universe..

```
$ ls
LICENSE      procs        tamper
README.md    shell        thirdparty
doc          sqlmap.conf  txt
extra        sqlmap.py    udf
lib          sqlmapapi.py waf
plugins      swagger.yaml xml
$ python2 sqlmap.py
WARNING: linker: Unsupported flags DT_FLAGS_1=0x8
WARNING: linker: Unsupported flags DT_FLAGS_1=0x8
{1.2.12.13#dev}
http://sqlmap.org
Usage: python sqlmap.py [options]
sqlmap.py: error: missing a mandatory option (--d, --u, --l, --m, --r, --g, --c, --x, --list-tampers, --wizard, --update, --purge or --dependencies). Use -h for basic and -hh for advanced help
$
```



Follow below commands to install Sqlmap

sqlmap is written in python2 so now we need python2

# Termux Hacking Tutorials By Techncyber

31

For that type **pkg install python2**

Now clone sqlmap from github by typing

```
git clone https://github.com/sqlmapproject/sqlmap
```

Now goto sqlmap folder by typing **cd sqlmap && ls**

And give chmod 777 permission to sqlmap.py and sqlmapapi.py

For that type `chmod +x sqlmap.py && chmod +x sqlmapapi.py`

Finally type `python2 sqlmap.py` to start using sqlmap

## Don't Know How To use sqlmap?

Goto [sqlmap.org](http://sqlmap.org) & or just google it

## #2 D-TECT:

```

D-T E C T v1.0

D-T E C T - Pentest the Modern Web
Author: Shawar Khan - ( https://shawarkhan
.com )

-- Menu --

1.  WordPress Username Enumerator
2.  Sensitive File Detector
3.  Sub-Domain Scanner
4.  Port Scanner
5.  Wordpress Scanner
6.  Cross-Site Scripting [ XSS ] Scanner

7.  Wordpress Backup Grabber
8.  SQL Injection [ SQLI ] Scanner

[+] Select Option
> █

```

# Termux Hacking Tutorials By Techncyber

32

dtect also a good tool for termux, this tool is written in python2,

To install and use this tool, we have to clone the dtect directory from github

For that type below command

And install python2 By typing `pkg install python2`

type `git clone https://github.com/shawarkhanethicalhacker/D-TECT-1`

then type `cd D-TECT && ls`

finally type `python2 d-tect.py`

## Exploitation Tools:

### #2 Metasploit:

When it comes to exploitation Tools Metasploit is one of the favourite tool for us.

Now we can install Metasploit Framework in termux with few commands.

### How To Install And Use Metasploit On Termux:

Just type below commands one by one

`cd $HOME`

`pkg install wget`

`wget https://Auxilus.github.io/metasploit.sh`

`bash metasploit.sh`



# Termux Hacking Tutorials By Technicyber

33

**Finally run metasploit by typing**

`./msfconsole`

**#2 Hydra:**

although hydra is not a exploitation tool, it's a powerful tool to crack passwords..

You can install hydra by typing **pkg install hydra**

**And type hydra in termux to start using hydra**

Not Only These Tools, as per your requirement You Can install and use so many tools in termux

While i have introduced a few tools, you can install the above programs so that you can install your desired tool in a single click.

**Lazytermux:**

Lazytermux Is a has a collection useful Hacking Tools which you can install in a single click without typing the commands again and again

# Termux Hacking Tutorials By Techncyber

34

```

[01] Information Gathering
[02] Vulnerability Scanner
[03] Stress Testing
[04] Password Attacks
[05] Web Hacking
[06] Exploitation Tools
[07] Sniffing & Spoofing
[08] Other

[10] Exit the Lazymux

lzmux > █
```

## How To Install Lazymux

just type below commands in termux

`git clone https://github.com/Gameye98/Lazymux`

`cd Lazymux && ls`

`python2 lazymux.py`

#2 Tool-X

# Termux Hacking Tutorials By Techncyber

35



```
Tool-X v2.0

=====
| Install Best Hacking Tool
=====

[ 0 ] Install all tools. [ Total 251 tools ]
[ 1 ] Show all tools. [ Almost 251 tools ]
[ 2 ] Tools Category.
[ 3 ] Termux OS.
[ 4 ] Update Tool-X.
[ 5 ] About Us.
[ x ] For Exit.

=====
=
##> |
```

Tool-X Similar To Lazymux, it Contains almost 250 Tools at one place, so that you can install them in a single click

You can install Tool-X by typing below commands

`git clone https://github.com/Rajkumrdusad/Tool-X`

`cd Tool-X && ls`

`chmod +x install.aex`

`sh install.aex`

Finally you can use Tool-X by typing

`Tool-X`

# Termux Hacking Tutorials By Technocyber

36

---

# Termux Hacking Tutorials By Technicyber

37

---

## Final Words

I Hope you might excited to Read this PDF, Due to lack of time i haven't given a good design to this PDF, and included a few tools and didn't included how to use them (as i thought you might know how to use them, if not then you should google it).

If You like this Book then please give a feedback through twitter [@MuraBasudev](#)

Yet This is a free Ebook, if you don't like it then dont worry, just give me a feedback how to improve it.

Visit our Blog: [www.technicyber.com](http://www.technicyber.com)

Follow us on Twitter: [@Technicyber](#)

Follow us on Fb: [fb.com/technicyber](https://fb.com/technicyber)

Youtube: <https://youtube.com/channel/UC4DRzsEsmnpnUM7iXvCiZzPg>

---