

EMBOMBER

Penetration Testing Tool

SEMINAR REPORT

Guide in charge

Mr.Ajith G S

Presented by

Ancel Treasa Jose

MCA LE S3

Roll no: 04

ABSTRACT

Kali Linux is often thought of in many instances, it's one of the most popular tools available to security professionals. It contains all the robust package of programs that can be used for conducting a host of security based operations.

Penetration test suite has been created by the software developers at Metasploit, and its main purpose is to find, ascertain, and exploit any Security weaknesses or holes in Web based applications.

EmBomber is a Python Script for Email Bombing which supports Gmail, Yahoo, Hotmail

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INTRODUCTION TO KALI LINUX

Kali Linux is a Debian-based Linux distribution aimed at advanced Penetration Testing and Security Auditing. Kali contains several hundred tools which are geared towards various information security tasks, such as Penetration Testing, Security research, Computer Forensics and Reverse Engineering

Penetration testing

Penetration testing (also called **pen testing**) is the practice of **testing** a computer system, network or Web application to find vulnerabilities that an attacker could exploit.

The main objective of penetration testing is to determine security weaknesses

EMBOMBER

EmBomber is a Python Script for Email Bombing which supports Gmail, Yahoo, Hotmail. In Internet usage, an email bomb is a form of net abuse consisting of sending huge volumes of email to an address in an attempt to overflow the mailbox or overwhelm the server where the email address is hosted in a denial-of-service attack.

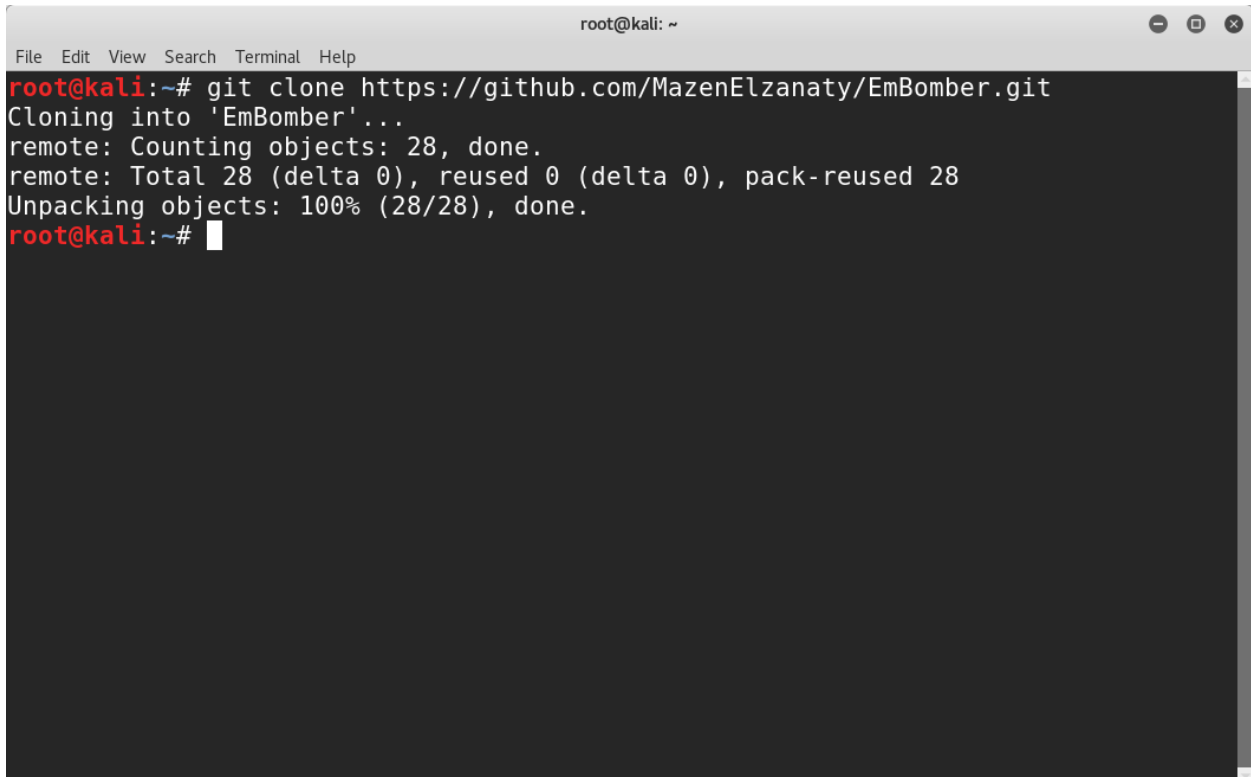
Features

- Support Gmail
- Support Yahoo
- Support Hotmail

Installation

- EmBomber should work on all Linux distros running Python 2.7 First, clone it by entering the following command in the terminal

git clone <https://github.com/MazenElzanaty/EmBomber.git>

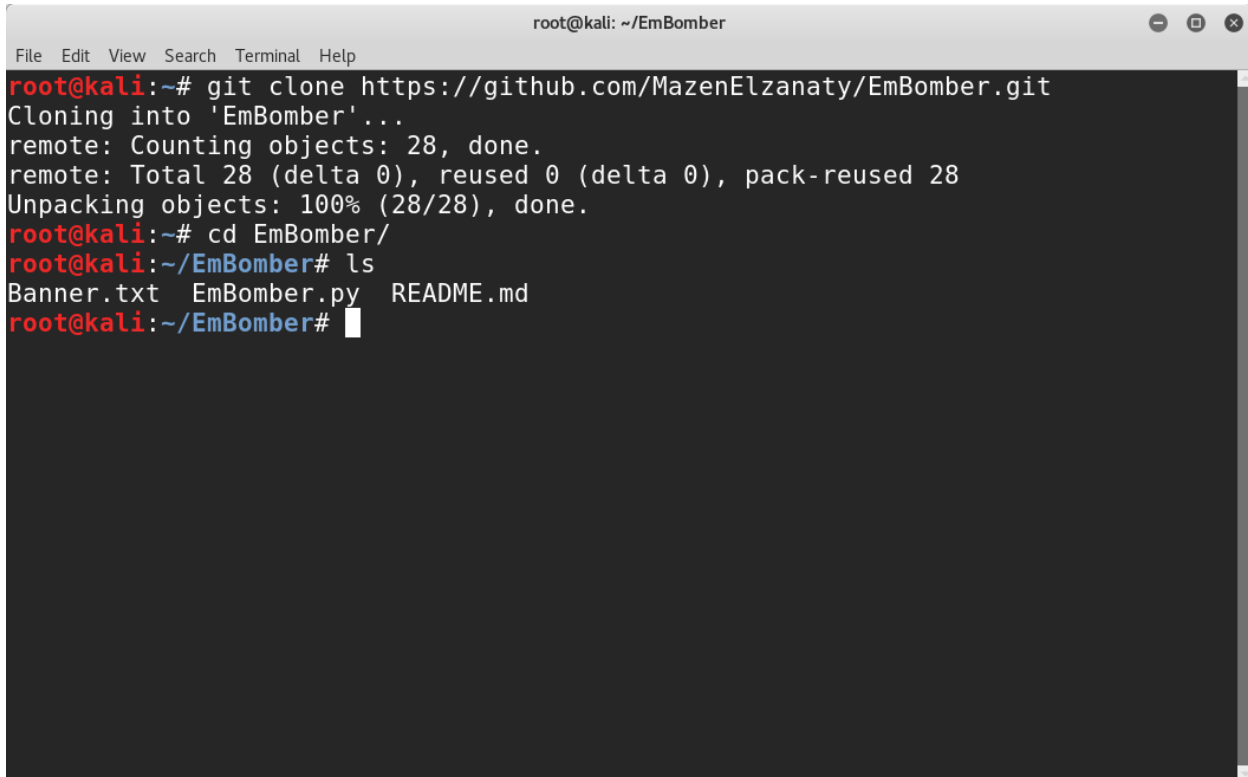


```
root@kali: ~  
File Edit View Search Terminal Help  
root@kali:~# git clone https://github.com/MazenElzanaty/EmBomber.git  
Cloning into 'EmBomber'...  
remote: Counting objects: 28, done.  
remote: Total 28 (delta 0), reused 0 (delta 0), pack-reused 28  
Unpacking objects: 100% (28/28), done.  
root@kali:~#
```

Commands

- First navigate to EmBomber directory after install

```
cd EmBomber
```

A terminal window titled 'root@kali: ~/EmBomber' with a menu bar (File, Edit, View, Search, Terminal, Help). The terminal shows the following commands and output:

```
root@kali:~# git clone https://github.com/MazenElzanaty/EmBomber.git
Cloning into 'EmBomber'...
remote: Counting objects: 28, done.
remote: Total 28 (delta 0), reused 0 (delta 0), pack-reused 28
Unpacking objects: 100% (28/28), done.
root@kali:~# cd EmBomber/
root@kali:~/EmBomber# ls
Banner.txt  EmBomber.py  README.md
root@kali:~/EmBomber#
```

- Then run EmBomber

```
python EmBomber.py
```

```
root@kali: ~/Desktop/EmBomber
File Edit View Search Terminal Help

EMBOMBER
Author: Mazen Elzanaty

Choose a Mail Service:
1) Gmail
2) Yahoo
3) Hotmail/Outlook
-----
Mail Server: 1
```

```
root@kali: ~/Desktop/EmBomber
File Edit View Search Terminal Help

EMBOMBER
Author: Mazen Elzanaty

Choose a Mail Service:
1) Gmail
2) Yahoo
3) Hotmail/Outlook
-----
Mail Server: 1
Your Email: anceltreasajose349@gmail.com
Password:
To:
```

```
root@kali: ~/Desktop/EmBomber
File Edit View Search Terminal Help

EMBOMBER
Author: Mazen Elzanaty

Choose a Mail Service:
1) Gmail
2) Yahoo
3) Hotmail/Outlook
-----
Mail Server: 1
Your Email: anceltreasajose349@gmail.com
Password:
To: anceltreasajose349@gmail.com
Subject (Optional): warning...
Message: you're hacked
Number of Emails to send: 10
```

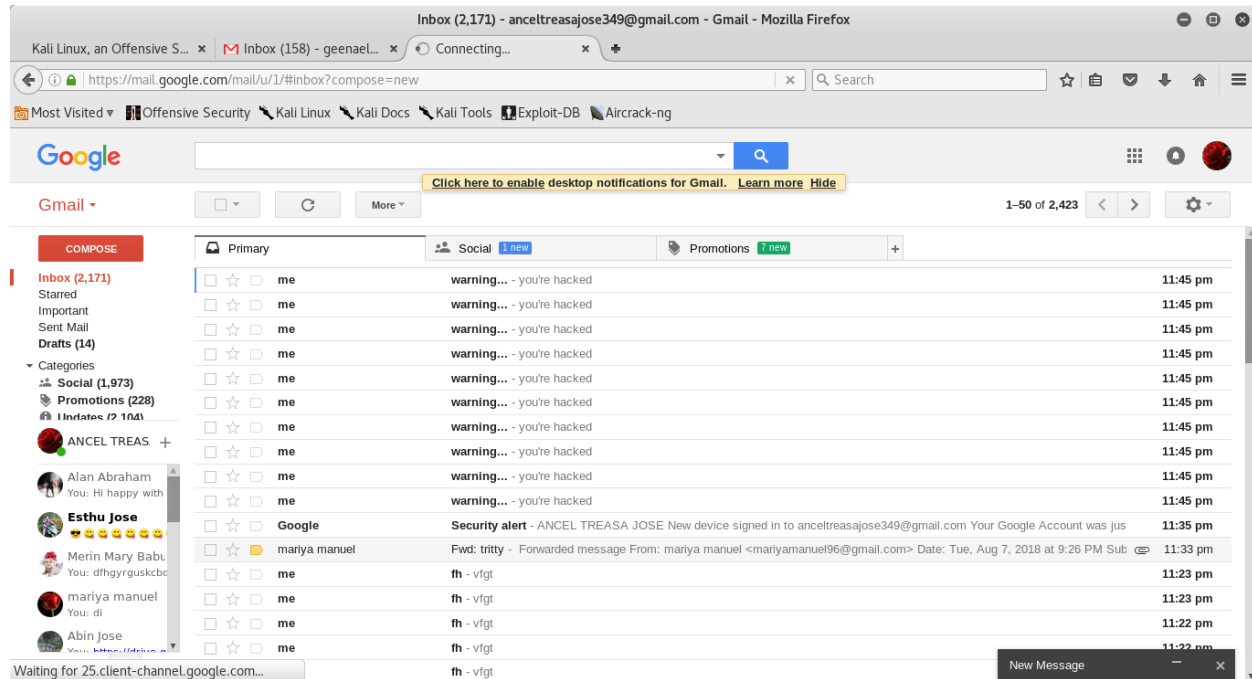
```
root@kali: ~/Desktop/EmBomber
File Edit View Search Terminal Help

EmBomber
Author: Mazen Elzanaty

*..... (Bomb)

Successfully sent 1 emails
Successfully sent 2 emails
Successfully sent 3 emails
Successfully sent 4 emails
Successfully sent 5 emails
Successfully sent 6 emails
Successfully sent 7 emails
Successfully sent 8 emails
Successfully sent 9 emails
Successfully sent 10 emails
root@kali:~/Desktop/EmBomber#
```


RESULT



CONCLUSION

In internet usage, an **EMBOMBER** is a form of net abuse consisting of sending huge volumes of email to an address in an attempt to overflow the mailbox or overwhelm the server where the email address is hosted in a denial-of-service attack. An "EMBOMBER " is a similar variant of sending a large number of text emails over internet.

References:

- <https://www.youtube.com/watch?v=qAnRmA0zWq4>
- https://en.wikipedia.org/wiki/Penetration_test