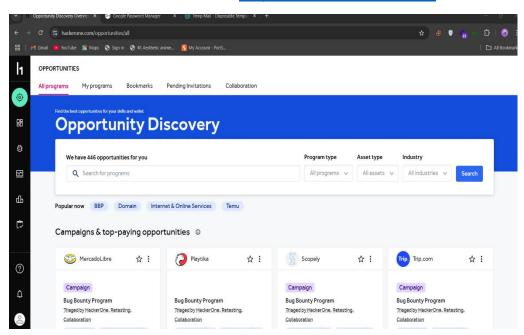
Assignment 3

TASK -1:

- 1. TITLE: Find Subdomains for Any 3 targets that you need to select targets from the HackerOne platform.
- 2. OBJECTIVE OF TASK: to retrieve the information of subdomains for the any 3 targets in the HackerOne platform using the various subdomains finding tools and websites. This was done in the phase of information gathering

3 STEP BY STEP PROCEDURE:

1. OPEN THE WEBSITE: https://hackerone.com

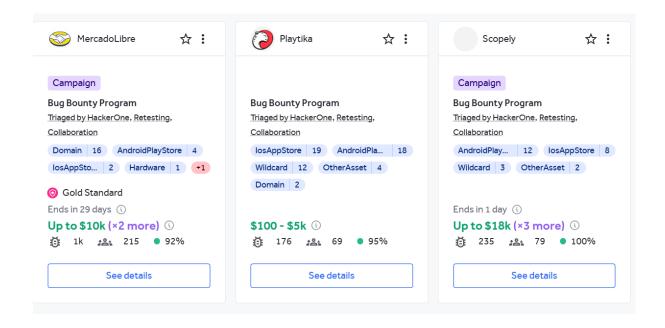


2. NOW SELECT THE 3 TARGETED WEBSITES:

TARGET 1: https://www.mercadolibre.com

TARGET 2: https://www.playtika.com

TARGET 3: https://www.scopely.com



3. Now go to the kali Linux and install the sublist3r to find subdomains



4. Now write command of sublist3r to run on kali with website url to find all sub domains.

SYNTAX: sublist3r -d -url--

Now for target 1:

The command implementation:



The output for the target 1:

In this we retrieve the subdomains of the respected target websites

```
a.mercadolibre.com
alejandria-int.mercadolibre.com
andes.mercadolibre.com
andes-landings.mercadolibre.com
bc-jmm-prod-update.mercadolibre.com
cbt.mercadolibre.com
cerbero.mercadolibre.com
chattest.mercadolibre.com
www.data.mercadolibre.com
developers-forum.mercadolibre.com
e.mercadolibre.com
encuestas.mercadolibre.com
www.encuestas.mercadolibre.com
fooddeliverywebapp.mercadolibre.com
global-selling.mercadolibre.com
ideas.mercadolibre.com
inscripcion.mercadolibre.com
internal-api-stage.mercadolibre.com
investor.mercadolibre.com
manualdeestilo.mercadolibre.com
ms.mercadolibre.com
notifications.mercadolibre.com
op-scim.mercadolibre.com
ucs.orion-dev.mercadolibre.com
ucs.orion-prd.mercadolibre.com
prodeng-playground.mercadolibre.com
prodeng-playground-internal.mercadolibre.com
nginx.s1-int-prd.mercadolibre.com
nginx.s1-pub-dev.mercadolibre.com
sandbox.mercadolibre.com
sandbox-cbt.mercadolibre.com
servicedesk.mercadolibre.com
www.servicedesk.mercadolibre.com
soap.mercadolibre.com
www.soap.mercadolibre.com
```

Now for target 2:

The command implementation:

```
# Coded By Ahmed Aboul-Ela - @aboul3la

[-] Enumerating subdomains now for playtika.com

[-] Searching now in Baidu..
[-] Searching now in Yahoo..
[-] Searching now in Google..
[-] Searching now in Bing..
[-] Searching now in Ask..
[-] Searching now in Netcraft..
[-] Searching now in In Netcraft..
[-] Searching now in In Netcraft..
[-] Searching now in PassiveDNS..
[-] Searching now in Virustotal..
[-] Searching now in Yahoo..
[-] Searching now in Virustotal..
[-] Searching now in Virustotal..
[-] Searching now in SSL Certificates..
[-] Searching now in SSL Certificates..
[-] Searching now in PassiveDNS..

Process DNSdumpster-8:
Traceback (most recent call last):
File "/usr/lib/python3.11/multiprocessing/process.py", line 314, in _boometic self.run()
File "/usr/lib/python3/dist-packages/sublist3r.py", line 269, in run domain_list = self.enumerate()

File "/usr/lib/python3/dist-packages/sublist3r.py", line 649, in enumeratoken = self.get csrftoken(resp)
```

Now output of the 2nd target:

In this we retrieve the subdomains of the respected target websites

```
www.playtika.com
Officeweb.playtika.com
bonus-show.playtika.com
cdn-edgecast.playtika.com
lyncdiscover.playtika.com
lyncweb.playtika.com
meet.playtika.com
news.playtika.com
www.platform.playtika.com
portal.playtika.com
www.preprodplatform.playtika.com
preprodplatform.playtika.com
www.preprodplatform.playtika.com
portal-external-b.psf.playtika.com
www.portal-external-b.psf.playtika.com
www.stash.playtika.com
stash-sandbox.playtika.com
wiki.playtika.com
wsop.playtika.com
www.wsop.playtika.com
k8s-prod.wsop.playtika.com
s3.wsop.playtika.com
k8s-dev.wsopdev.playtika.com
k8s-sandbox.wsopdev.playtika.com
www.s3.wsopdev.playtika.com
yarontest.playtika.com
```

Now for target 3:

The command implementation:



Now output of the 3rd target:

In this we retrieve the subdomains of the respected target websites

- **4. Conclusion:** here we scan the websites one after one and it shows the results of the subdomains of their own respective domain here we use the sublist3r scan to find all sub domains. Here I concluded that the three targets have subdomains.
- 5. Summary of the task: the summary of the task is here we select the targets from the hackerone website and scan the three websites or targets using **sublist3r** tool in kali which gives the subdomains of given website it will help in information gathering for the attacker to access and known the subdomains of the target

TASK-2:

- **1. Title:** Create a fake login page for 3 social media handles given below and detect if the link is malicious or not, using tools like Virustotal or Netcraft extension.
- **2. Objective of the Task:** to make a fake phishing links of applications like Gmail, microsoft365, LinkedIn to gather information from the target by acting our phishing link as a real application link, so that he can add his details or information.

3 step by step procedure:

1. Now go to the Kali Linux and go to command prompt and install the Zphishers in the github

```
(kali@ kali)-[~]
$ git clone https://github.com/htr-tech/zphisher.git
```

2. Now go to the zphisher tool and run the zphisher using below displayed way

```
(kali@ kali)-[~]
$ cd zphisher

(kali@ kali)-[~/zphisher]
$ ls
auth Dockerfile LICENSE make-deb.sh README.md run-docker.sh scripts zphisher.sh

(kali@ kali)-[~/zphisher]
$ bash zphisher.sh
```

3. Now we run the zphisher it display as like below mentioned way of interface

```
[-] Tool Created by htr-tech (tahmid.rayat)
    Select An Attack For Your Victim [::]
01
    Facebook
                   [11] Twitch
                                     [21] DeviantArt
 02
    Instagram
                   [12] Pinterest
                                     [22] Badoo
    Google
                   13
                      Snapchat
                                     23
                                         Origin
    Microsoft
                   14
                       Linkedin
                                     [24]
                                         DropBox
 05
    Netflix
                   15
                      Ebay
                                     25
                                          Yahoo
                                     26
 06
    Paypal
                   16
                       Quora
                                          Wordpress
    Steam
                   17
                       Protonmail
                                     27
                                          Yandex
                  [18]
 08
                       Spotify
                                     28
                                         StackoverFlow
 09
                   [19] Reddit
                                     [29]
    Playstation
 10
    Tiktok
                   [20] Adobe
                                     [30]
                                         XBOX
    Mediafire
                   [32] Gitlab
                                     [33] Github
 31
                   [35] Roblox
 99
    About
                   [00] Exit
 -] Select an option :
```

4. Now here we get three profiles phishing links to build

SECTION 1:

- 1. Now build the phishing link for LinkedIn
- 2. Go to the zphisher and select option "14"
- 3. Now after select of option we get interface to select url type

```
[01] Localhost
[02] Cloudflared [Auto Detects]
[03] LocalXpose [NEW! Max 15Min]
Edebystem
[-] Select a port forwarding service :
```

- 4. Here we select the option 2 for cloudflared links for generate phishing links
- 5. Now after generate we use go select any ports

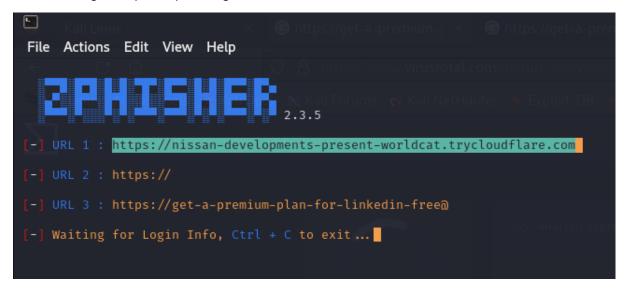
6. But here we select no at that input

```
-] Select a port forwarding service : N
```

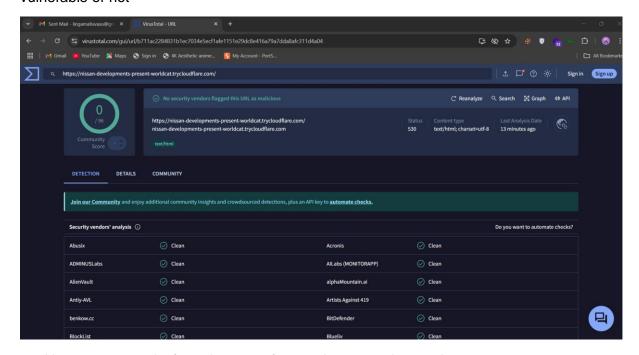
7. Now after it ask for any URL mask

```
[?] Do you want to change Mask URL? [y/N] :
```

- 8. Then simply no for URL mask
- 9. Then we get output of phishing URL



10. Now place the phishing links in the virus total website URL to find it shows vulnerable or not



11. Now we get results from the netcraft extention to get the results

nissan-developments-presentworldcat.trycloudflare.com



Country: US Site rank: NA

First seen: New Site Host: Cloudflare, ...

Disable protection for this site



Report malicious URL:

The URL of the site:

https://nissan-developments-present-v



Add a reason



Your email address (to receive updates):

you@example.com





Submit Report

12. Here we observed that there was no any phishing link warns from these two

SECTION 2:

- 1. Here we find the phishing link for the microsoft365
- 2. To login any Microsoft service we need login Microsoft account
- 3. Here we use the zphisher tool to made login for the Microsoft
- 4. Open and run the Zphisher tool kit in kali Linux

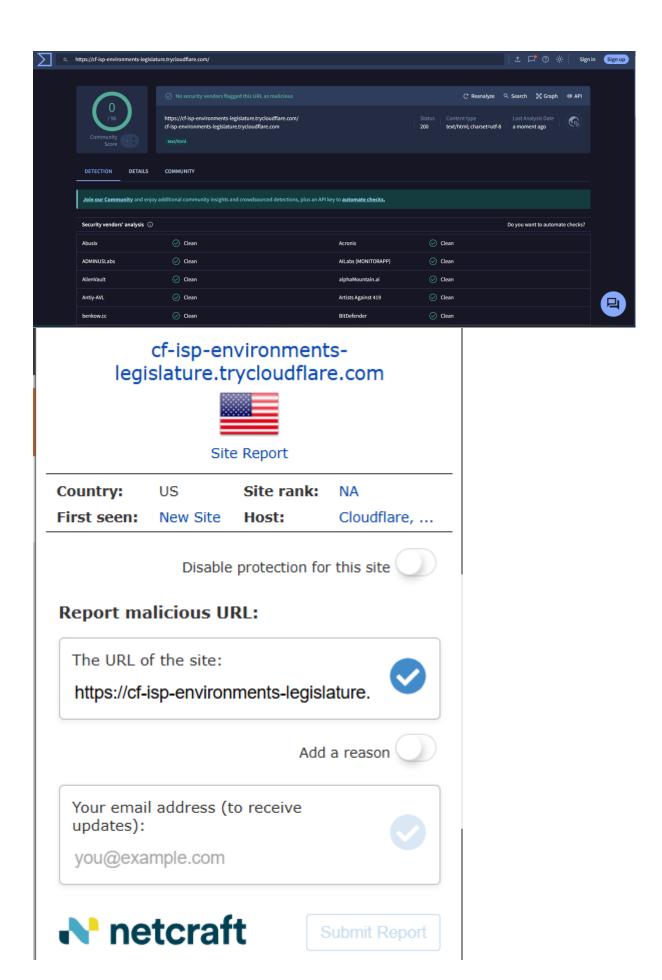
5. After run the above command the instance launch the Zphisher interface

```
[-] Tool Created by htr-tech (tahmid.rayat)
[::] Select An Attack For Your Victim [::]
01
    Facebook
                    [11]
                        Twitch
                                       21 DeviantArt
02
    Instagram
                    12
                        Pinterest
                                       22
                                           Badoo
03
                    13
                                       23]
    Google
                        Snapchat
                                           Origin
04
    Microsoft
                    14
                        Linkedin
                                       24
                                           DropBox
05
    Netflix
                    15
                                       25
                                           Yahoo
     Paypal
                                       26]
                                           Wordpress
06
                    16
                        Quora
07
    Steam
                    17
                        Protonmail
                                       27
                                           Yandex
                                           StackoverFlow
08
     Twitter
                    18
                        Spotify
                                       28
                    19
09
    Playstation
                        Reddit
                                       29
                    20
                                       301
10
                        Adobe
                                           XBOX
    Tiktok
31
    Mediafire
                    32
                        Gitlab
                                      [33] Github
    Discord
                    [35]
                        Roblox
34
    About
                   [00] Exit
99
-] Select an option :
```

- 6. Now select the option "04" to create Microsoft account login phishing mail
- 7. After the same process repeat as the section -1 happen until the URL generated

```
[-] URL 1: https://cf-isp-environments-legislature.trycloudflare.com
[-] URL 2: https://
[-] URL 3: https://unlimited-onedrive-space-for-free@
[-] Waiting for Login Info, Ctrl + C to exit...
```

7. Now check the phishing links in the virus total URL and netcraft extension



SECTION 3:

- 1. Here we done the phishing link generation for the google Gmail.
- 2. Go to the kali Linux and open the command prompt and open the Zphisher for phishing links

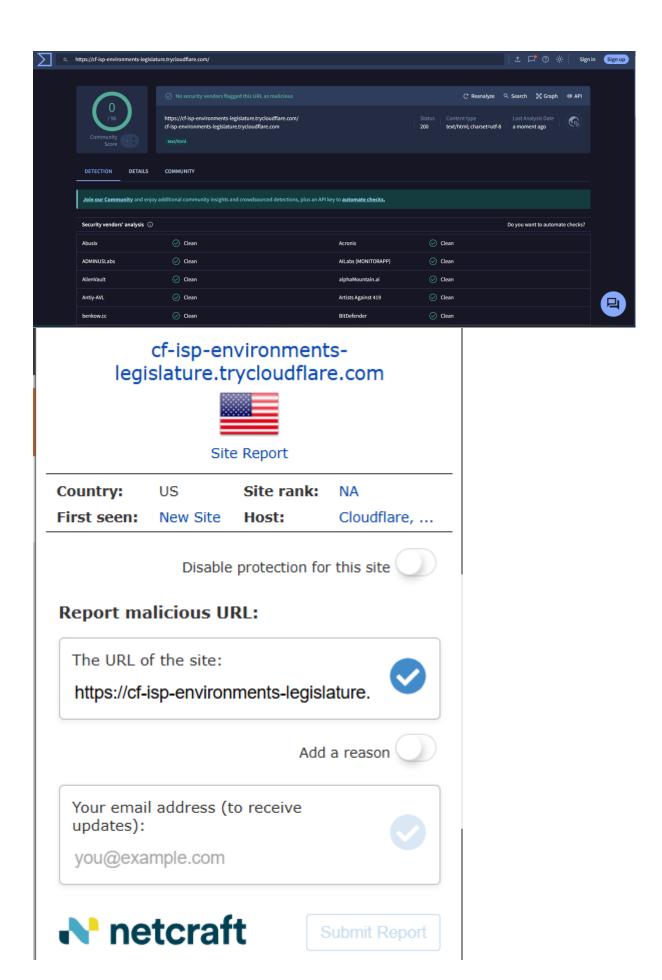
3. Now open the Zphisher and select the google to done the phishing link generation for the Gmail.

```
[-] Tool Created by htr-tech (tahmid.rayat)
[::] Select An Attack For Your Victim [::]
01
    Facebook
                   [11]
                        Twitch
                                      [21] DeviantArt
    Instagram
                   [12]
                                     [22]
02
                                          Badoo
    Google
                   13
                        Snapchat
                                          Origin
03
                                      23
04
    Microsoft
                   [14]
                        Linkedin
                                      24
                                          DropBox
                                      25
05
    Netflix
                   15
                                          Yahoo
                   [16]
                                     [26] Wordpress
06
    Paypal
                       Quora
07
   Steam
                   17
                        Protonmail
                                     [27] Yandex
                                      [28] StackoverFlow
08
    Twitter
                   18
                       Spotify
09
                   [19]
                        Reddit
                                      29
   Playstation
                        Adobe
                                         XBOX
10
    Tiktok
                    20
                                      30
31
    Mediafire
                    32
                        Gitlab
                                      [33] Github
                       Roblox
34
    Discord
                    35
99
    About
                    00] Exit
   Select an option: 03
01
    Gmail Old Login Page
02
    Gmail New Login Page
[03] Advanced Voting Poll
[-] Select an option : 02
```

- 5. Here we select the option "3" for google and then we select the "02" for new gmail login page
- 6. After we continue steps like at section 1 to generate the links for the URL

```
[-] URL 1: https://cf-isp-environments-legislature.trycloudflare.com
[-] URL 2: https://
[-] URL 3: https://unlimited-onedrive-space-for-free@
[-] Waiting for Login Info, Ctrl + C to exit...
```

7. Now we place at the virus total and netcraft extention to known that it showing the vulnerable or not



- **4. CONCLUSION:** the target phishing links can scan on virus total and netcraft extension they display some are malicious and some or not malicious by pasting the phishing links one by one.
- **5. SUMMARY OF THE TASK:** here we first download or git clone the Zphisher for making malicious links which are need to scan on virus total and netcraft extention and we take three given target to build phishing links like LinkedIn, Microsoft 365, and Gmail.

TASK -3:

- 1. Title: Identify any 3 Business email IDs where you can do an email spoofing attack
- **2. Objective of the Task:** Here we done the spoofing attack to access the business mails. By this we can find that the mails are vulnerable or not.

3. STEP BY STEP PROCEDURE:

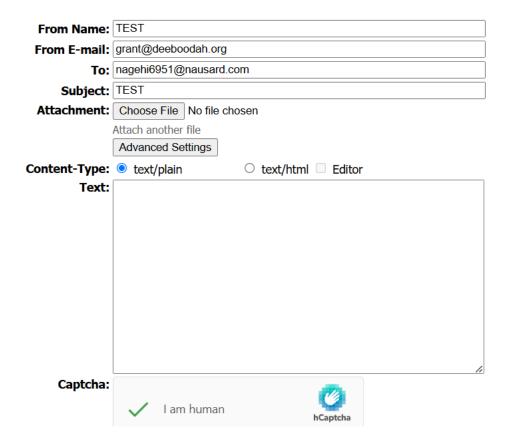
- 1. Go to google and search for the business mails in the internet
- 2. Here we gather the emails of different organizations from various domains

Email-1: grant@deeboodah.org

Email-2: admin@jumia.org

Email-3: zaid@zsecurity.org

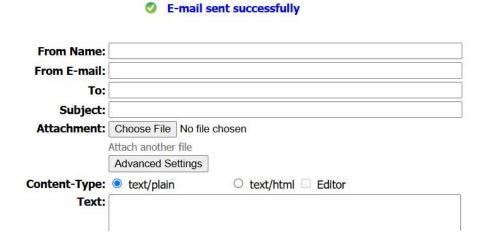
- 3. Now use EMKEI'S FAKE MAILER to known the organisation mail is vulnerable or not
- 4. We go to the EMKEI'S FAKE MAILER for testing the email spoofing
- 5. Now place the vulnerable mails at the "from address" and then Place the temp mail at the "To address"
- 6. Now we get the mail in the given temp mail section



8. After we enter all details as mentioned above we get email sent successfully

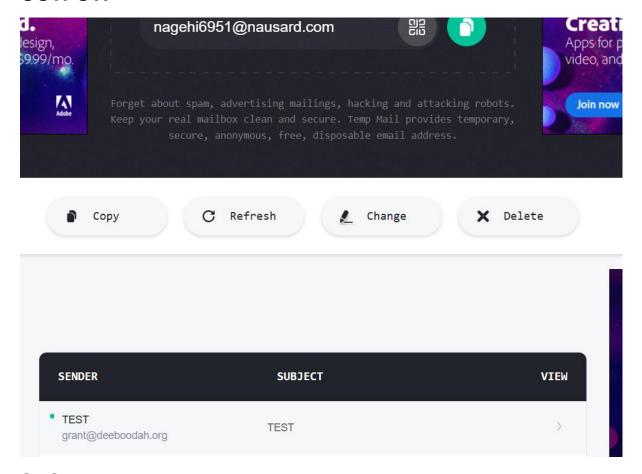


Free online fake mailer with attachments, encryption, HTML editor and advanced settings...



- 9. After the message we go to mail and check the mail if we get mail it is vulnerable for email spoofing
- 10. Here I send the Test subject mail and named as Test

OUTPUT:



SECOND MAIL:

11. Now we done for second mail that is vulnerable or not using same method for first mail.



Free online fake mailer with attachments, encryption, HTML editor and advanced settings...

E-mail sent successfully

12. We enter the details and press send we get notification as E-mail sent

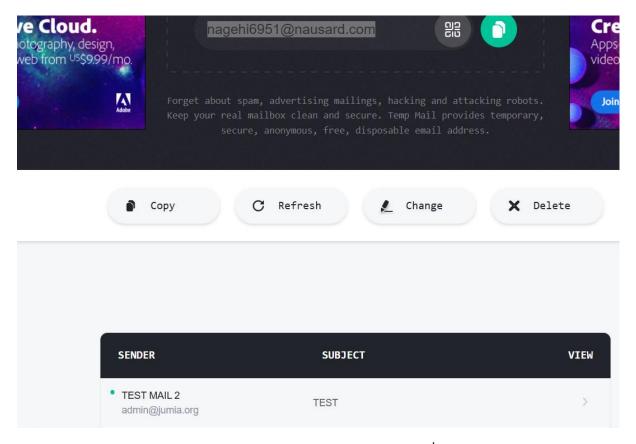


Free online fake mailer with attachments, encryption, HTML editor and advanced settings...

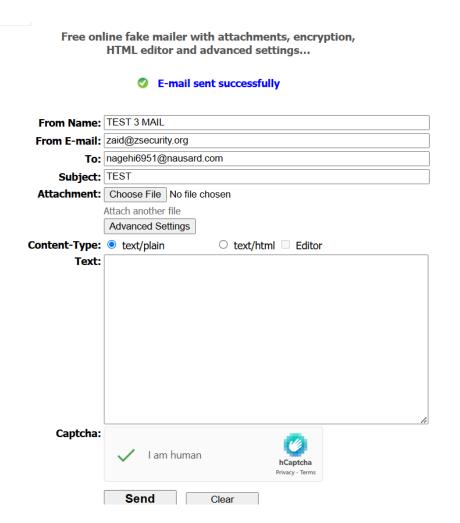
E-mail sent successfully

13. Now we go to the temp mail now we get the mail from the respected business mail.

OUTPUT:



14. Now we done the spoofing attack on the $3^{\rm rd}$ mail as like above mentioned way



15. Here we enter the details in the domain, we get the email sent.

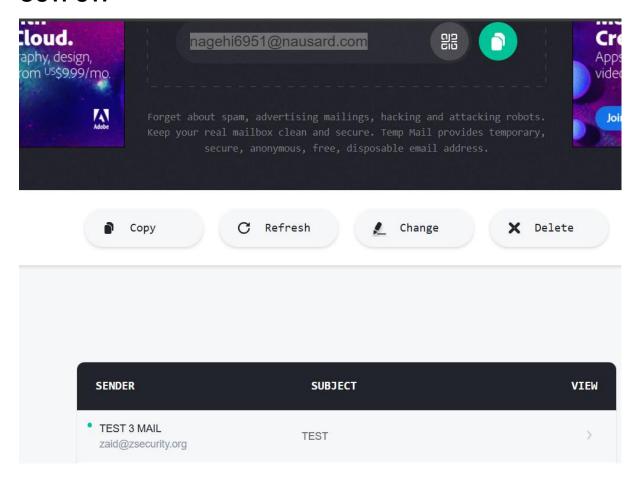


Free online fake mailer with attachments, encryption, HTML editor and advanced settings...

E-mail sent successfully

16. Now we get the mail in the temp mail and if we get it was email spoofing vulnerable.

OUTPUT:



- **4. CONCLUSION:** Here we done the email spoofing attack on different organisation business mails to known that the one are vulnerable or not.
- 5. SUMMARY OF TASK: First we go to google and intensively find the various business mails of different organisations and we collect the targeted mails and check if they are email spoofing vulnerable or not, by the using EMKEI'S FAKE MAILER we send test mails by using business mails to the temp mails as "test subject" if we get mail they are vulnerable or else we don't get any mail it can't work as email spoofing.