Get busy Phishing or get busy paying

"Great results, can be achieved with small forces."

— Sun Tzu, The Art of War

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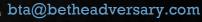


OSCP, GPEN, GXPN, CCSK – SANS Advisory Board





https://betheadversary.com





https://github.com/xFreed0m



x_Freed0m

Security products bingo



People are the weakest link?

- We like free things
- We don't pay attention
- We get scared easily
- We are built to comply



HAT DO WESAY TO FREE STUFF?

We are vulnerable. All of us.

Can we make them stronger?

People can be a strong security layer.

- They are free (or already paid for...)
- They are smarter than code
- They can do both detect and prevent
- No patch for human stupidity. But there are Hotfixes.

Arming the masses!



The scenario

- Start Easy\Hard & adjust to the current level
- Realistic https://www.phishtank.com/

 past incidents
- Sensitive COVID19, aiming for win-win
- Whitelisting we are here for the people, not the products
- Plan the entire program, not just the current campaign







Act on the results

- Train not just drills
- Equip give them the tools technical and logical
- Organize build a plan, not a campaign
- They are not to blame, we are

Let's do it (for free)

- We do it on Debian 9 gophish is cross platform
- Ports needed 22, 80, 443, 3333
- You need to buy a domain
- Script is initial setup, only required once (per machine)
- Hardening is on YOU
- It's gonna be fun :)

HTTPS cert (people like green locks)

- We want to make reliable
- Using EFF certbot
- Require a domain and port 80 open to WW
- Script option #4

3) Ubuntu Prep 7) Get DNS Entries 4) Install SSL 8) Install GoPhish Server Setup Script - Pick an option: 4 certbot 1.10.1 from Certbot Project (certbot-eff√) installed Enter your server's domain or done to exit: xfreed0m.art Enter your server's domain or done to exit: done Saving debug log to /var/log/letsencrypt/letsencrypt.log Plugins selected: Authenticator standalone, Installer None Account registered. Requesting a certificate for xfreed0m.art Performing the following challenges: http-01 challenge for xfreed0m.art Waiting for verification... Cleaning up challenges

IMPORTANT NOTES.

- Congratulations! Your certificate and chain have been saved at: /etc/letsencrypt/live/xfreed0m.art/fullchain.pem
 Your key file has been saved at:
- /etc/letsencrypt/live/xfreed0m.art/privkey.pem
 Your cert will expire on 2021-04-02. To obtain a new or tweaked
 version of this certificate in the future, simply run certbot
 again. To non-interactively renew *all* of your certificates, run
 "certbot renew"
- If you like Certbot, please consider supporting our work by:

SMTP server

- We are using Postfix
- We also install Dovecot, OpenDKIM & OpenDMARC if looking for more reliability
- We install everything on the same server, can be separated
- script option #5

```
Restarting Services
Checking Service Status

• postfix.service - Postfix Mail Transport Agent
Loaded: loaded (/lib/systemd/system/postfix.service; enable
Active: active (exited) since Sat 2021-01-02 21:51:26 UTC;
Process: 9061 ExecStart=/bin/true (code=exited, status=0/SUC
Main PID: 9061 (code=exited, status=0/SUCCESS)
Tasks: 0 (limit: 4915)
CGroup: /system.slice/postfix.service
```

GoPhish

- Open-Source phishing platform
- cross-platform support Linux\Windows\Mac
- Actively developed and supported
- Has two built in "Gophish" headers
- Run the binary from screen to avoid crash on SSH exit
- Script option #8

```
Please login with the username admin and the password starting admin server at https://0.0.0.0:3333"

91-02T21:53:30Z" level=info msg="Starting admin server at https://0.0.0.0:3333"

91-02T21:53:30Z" level=info msg="Starting IMAP monitor manager"

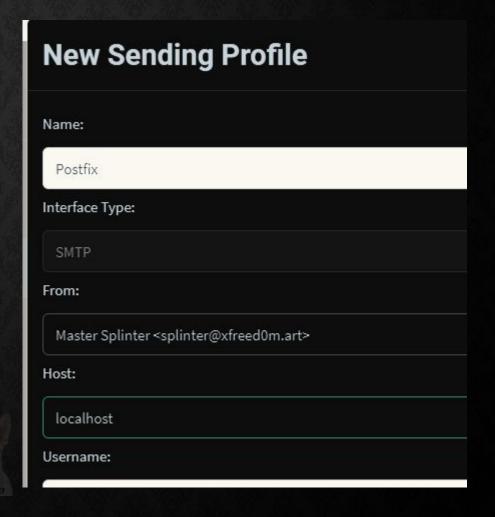
91-02T21:53:30Z" level=info msg="Starting new IMAP monitor for user admin"

91-02T21:53:30Z" level=info msg="Starting phishing server at http://0.0.0.0:443"
```



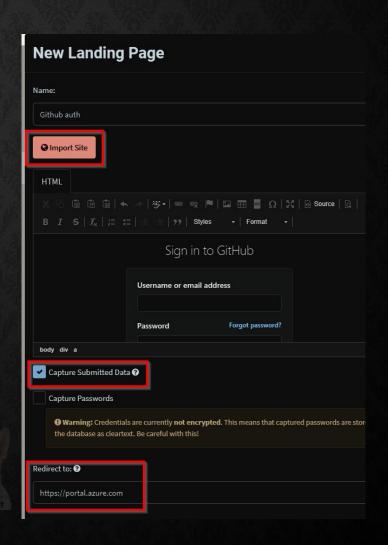
Sending profile

- The server sending the emails
- Here we choose who the message will be "from"
- Here we are using the same server



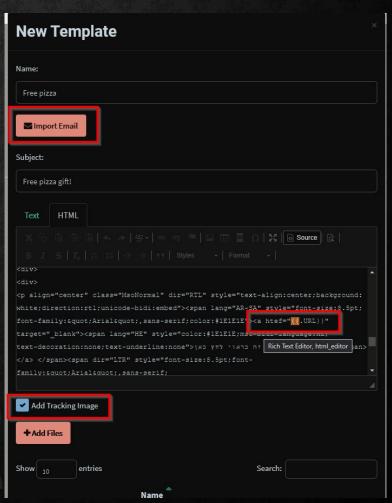
Create\clone the landing page

- Where the users will get once clicking the link
- Build yourself or "borrow" from someone;)
- decide what to capture (username only or passwords also?)



Create\clone the email

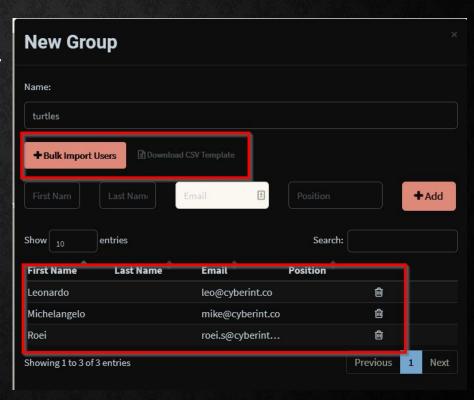
- The actual email we will send
- Build yourself or "borrow" from someone;)
- Make to test it multiple times





Import the users

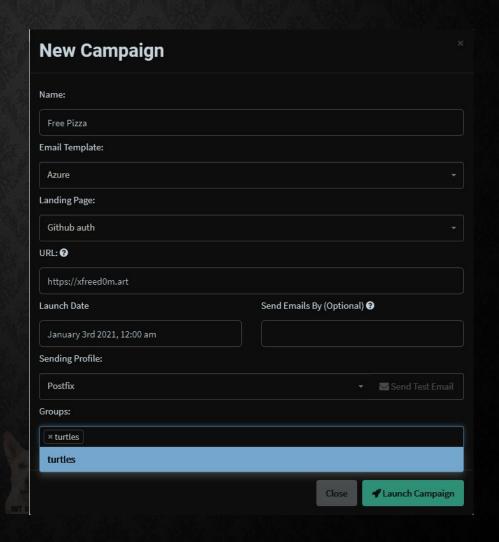
- Bulk import using the CSV template
- divide based on your preference





GET BUSY PHISHING!

- Who
- What
- When
- Divided?



Free pizza gift!



Master Splinter <splinter@xfreed0m.art> To Roei Sherman



Reply



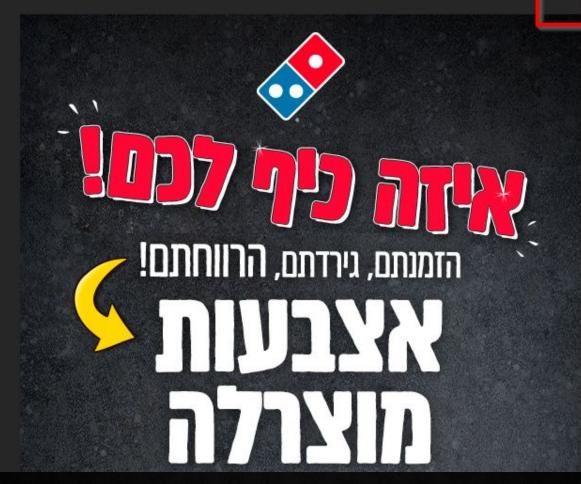
→ Forward

Sun 1/3/2021 12:21 AN



אם אינך רואה מייל זה כראוי לחץ כאן

https://xfreed0m.art?rid=b0wxkf1 Click or tap to follow link.

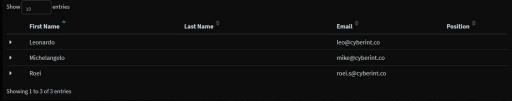


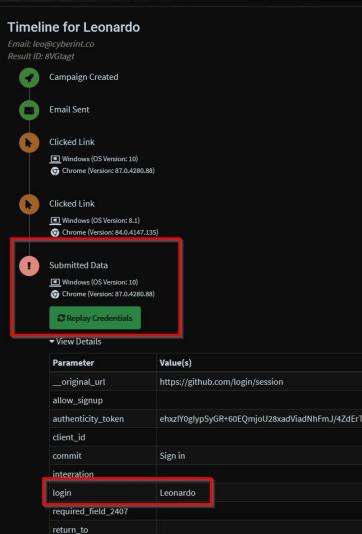
Sit and Stare AKA statistics

- Opened, Clicked, entered credentials
- When, Where, How much
- Export to CSV no fancy graphs
- Save the information for improvement tracking



Details





If it won't be simple, it simply won't happen

- As part of arming the masses, we should give them the tools,
 not just the knowledge
- Easy, simple and fast
- I'm not lazy, I'm efficient 1-Click phishing reporting

1-Click phishing report button

• Elli da King



Verify subscription supports mails out on 25 or use other infrastructure

https://getgophish.com/

https://docs.getgophish.com/user-guide/template-reference

https://github.com/xFreed0m/Postfix-Server-Setup

- Certificate
- DNS records
- Postfix + DKIM + SPF + DMARC
- optional features hardening, email client

Get busy Phishing or get busy paying





https://betheadversary.com bta@betheadversary.com



https://github.com/xFreed0m



x_Freed0m