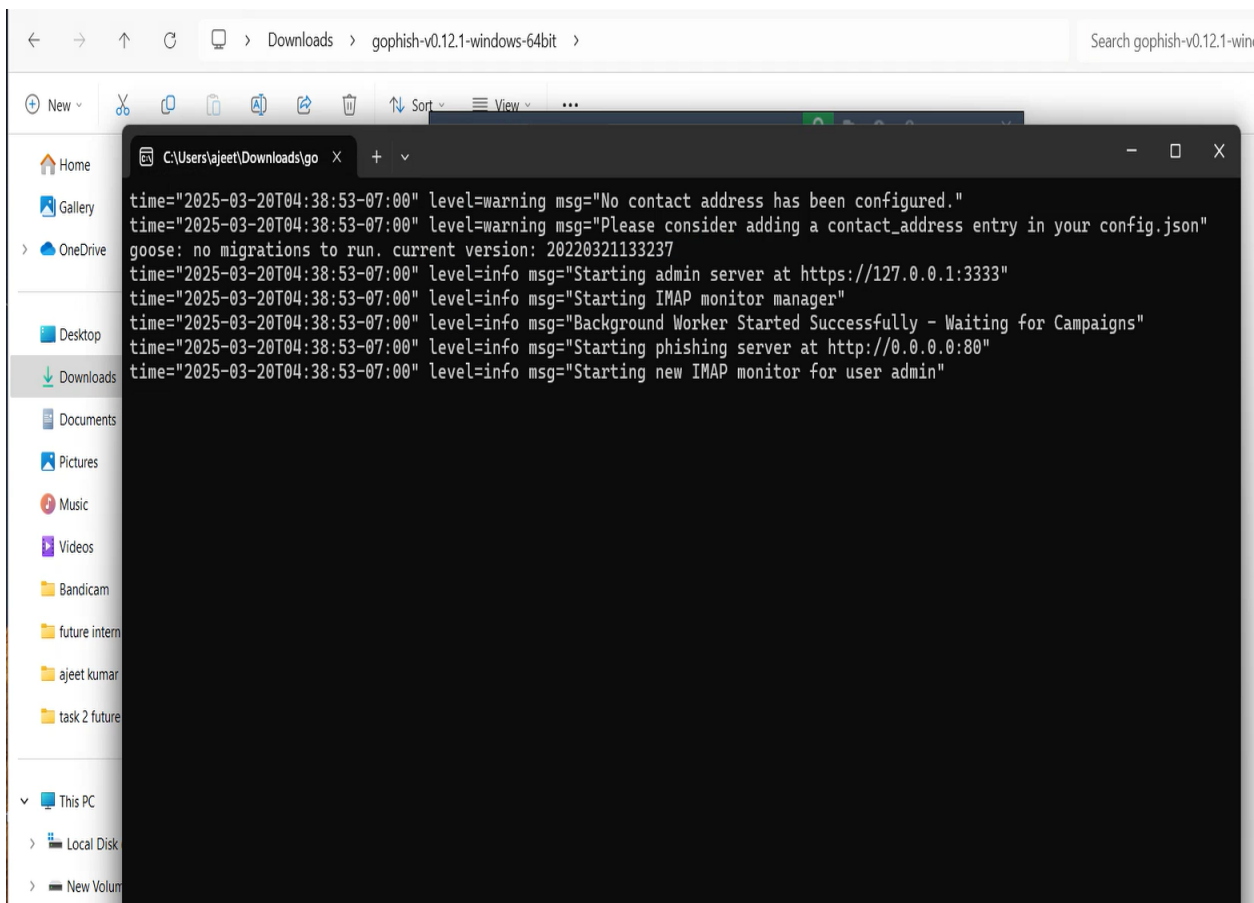


# SOCIAL ENGINEERING & PHISHING SIMULATION with GoPhish

By:- ajeet kumar

**Phishing simulations are a crucial part of cybersecurity awareness training. Using GoPhish, organizations can create and deploy phishing campaigns to educate employees on recognizing malicious emails. Below is a step-by-step guide on setting up a phishing campaign with GoPhish.**

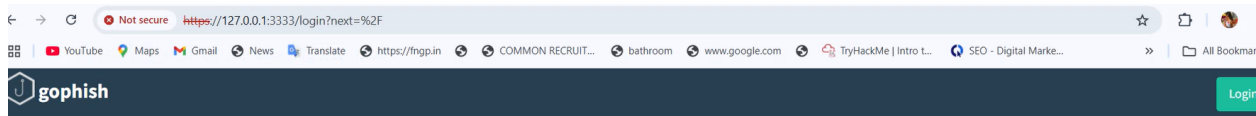
## 1. Start gophish application



The screenshot shows a Windows File Explorer window with the address bar set to "Downloads > gophish-v0.12.1-windows-64bit". The left sidebar shows the "Downloads" folder selected. The main pane displays a terminal window with the following log output:

```
time="2025-03-20T04:38:53-07:00" level=warning msg="No contact address has been configured."
time="2025-03-20T04:38:53-07:00" level=warning msg="Please consider adding a contact_address entry in your config.json"
goose: no migrations to run. current version: 20220321133237
time="2025-03-20T04:38:53-07:00" level=info msg="Starting admin server at https://127.0.0.1:3333"
time="2025-03-20T04:38:53-07:00" level=info msg="Starting IMAP monitor manager"
time="2025-03-20T04:38:53-07:00" level=info msg="Background Worker Started Successfully - Waiting for Campaigns"
time="2025-03-20T04:38:53-07:00" level=info msg="Starting phishing server at http://0.0.0.0:80"
time="2025-03-20T04:38:53-07:00" level=info msg="Starting new IMAP monitor for user admin"
```

## 2. User name and password Enter (like usr:- admin, pass:-admin)



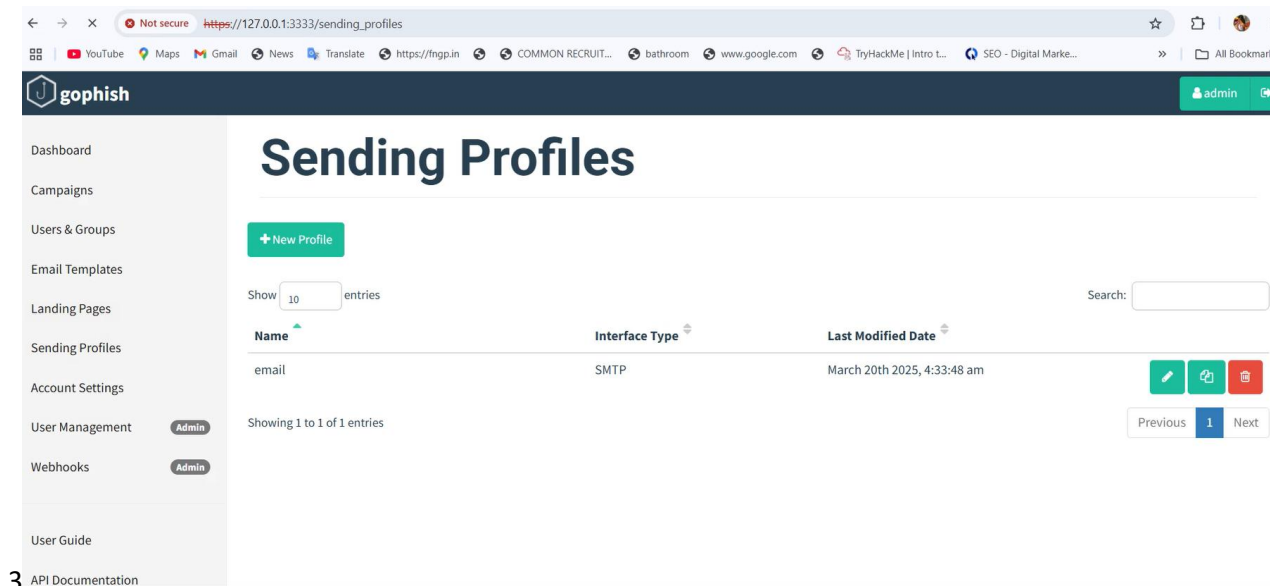
Please sign in

admin

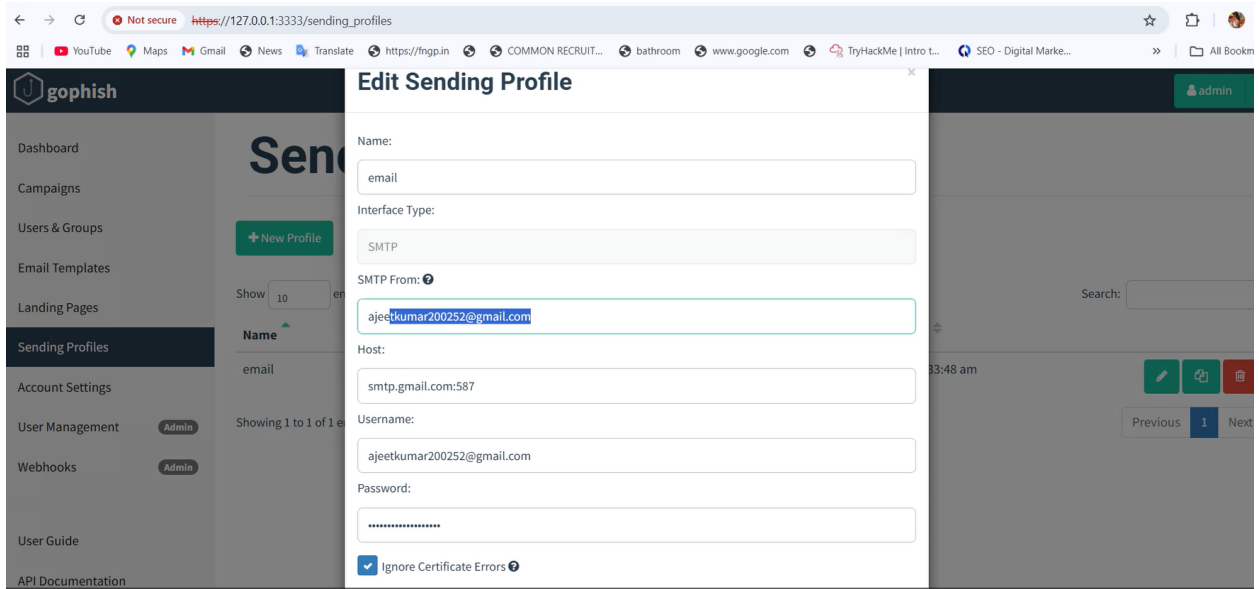
Password

Sign in

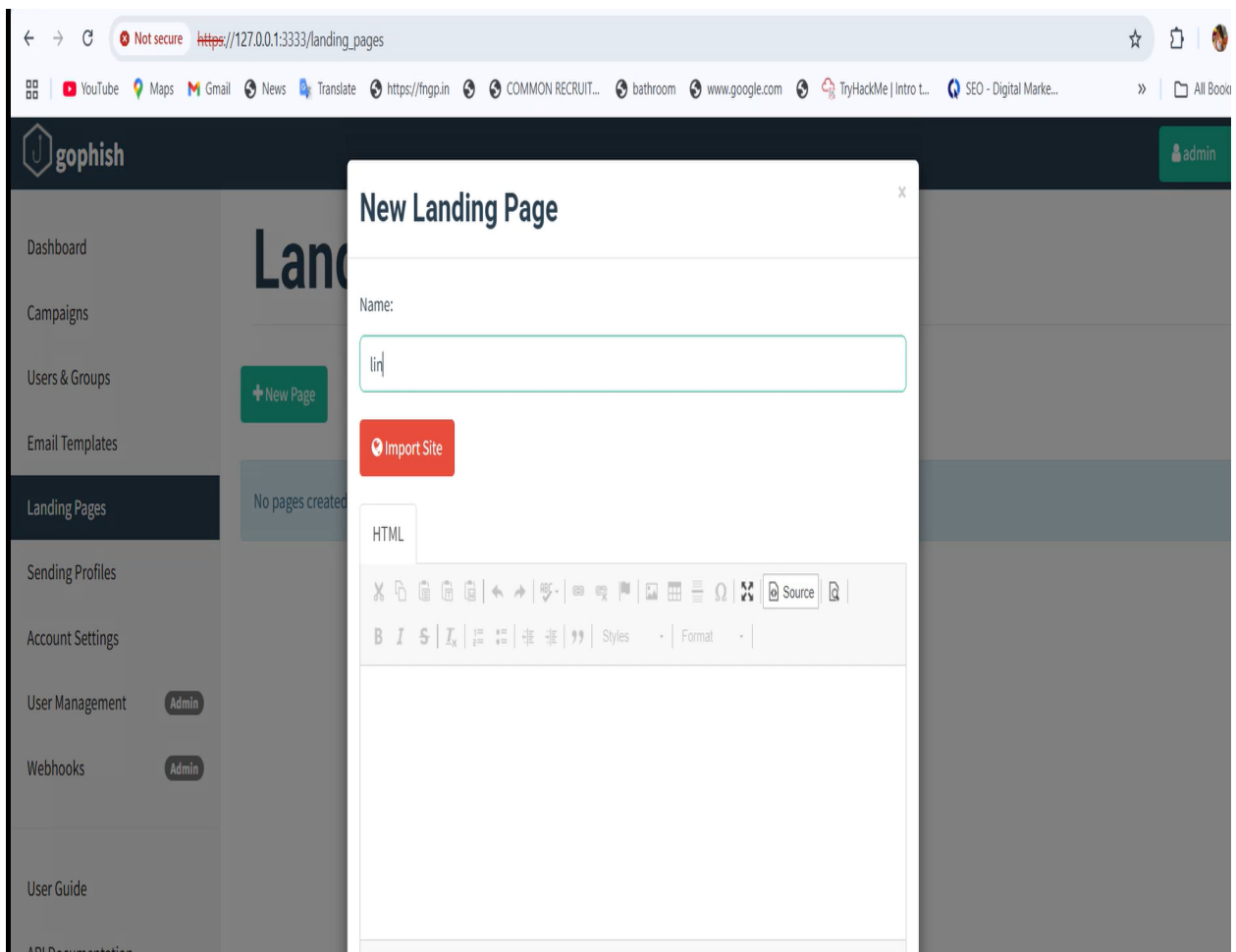
### 3. Configuring the Email Sending Profile



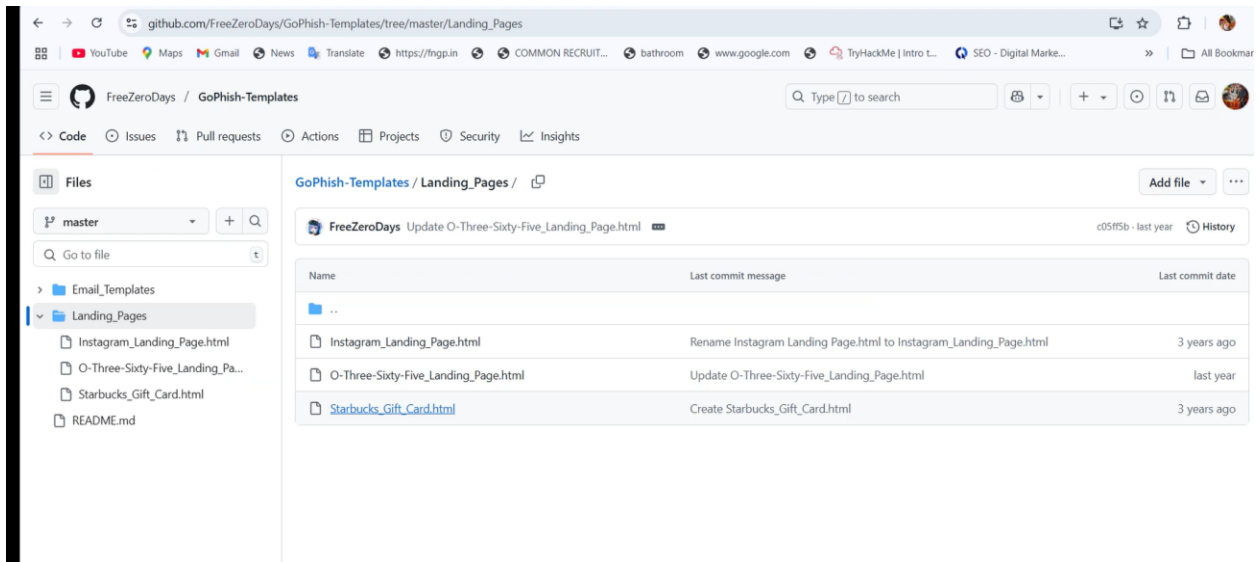
- **Name:** Choose a recognizable name for the profile.
- **From:** Use a credible email address that appears legitimate.
- **Host:** Enter the SMTP server address (e.g., smtp.example.com).
- **Username/Password:** Input the credentials for the email account.
- **Click "Save Profile"** to store the configuration.



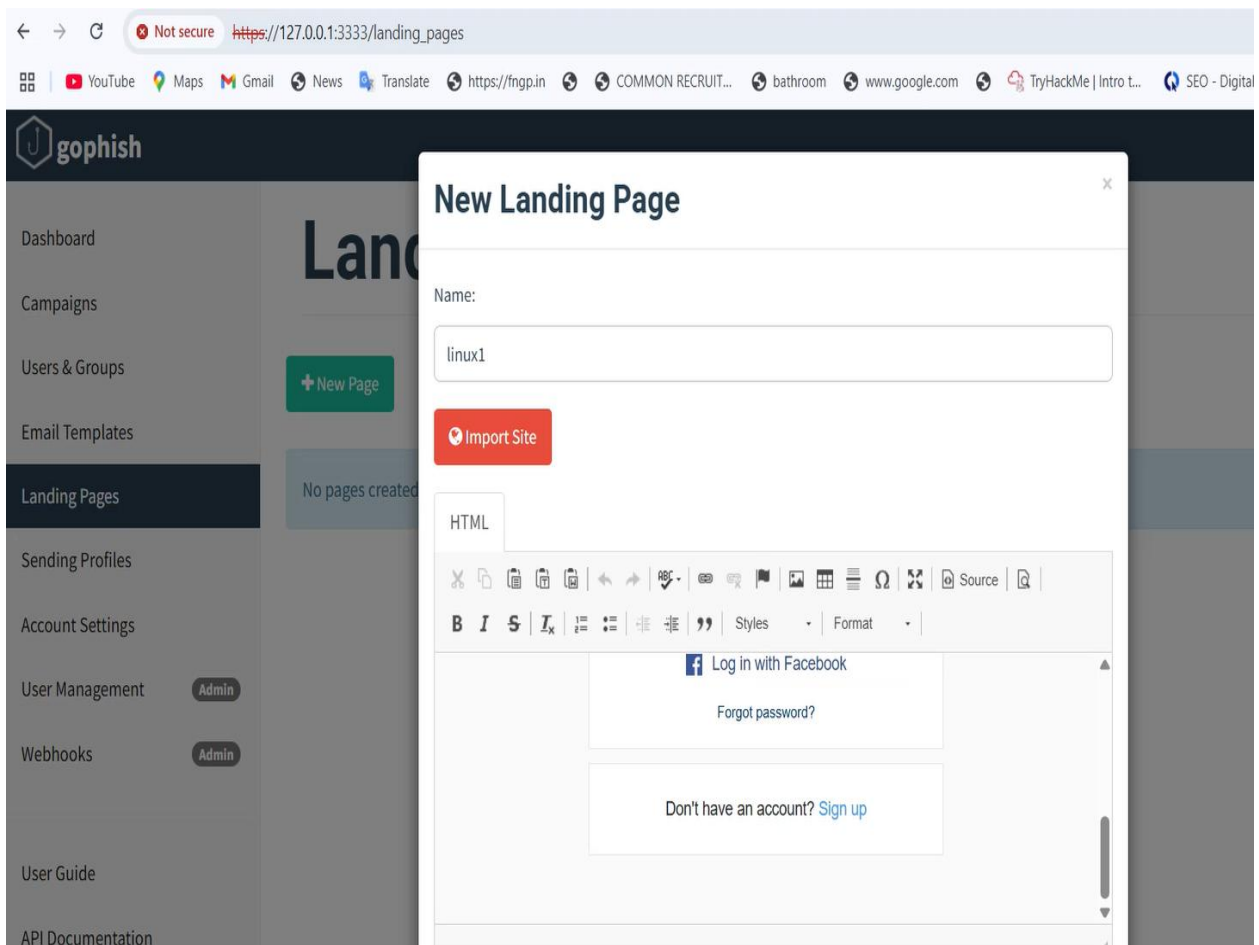
## 4. Creating a Phishing Landing Page



## 5. Using github for landing page



## 6. Create name and import site



## 7. Creating an Email Template

- Access the "Email Templates" section and click "+ New Template."
- Fill in the subject line and body of the email.
- Format the email to resemble a legitimate communication.
- Click "Save Template" to store the design.

The screenshot displays the Gophish web interface. On the left is a sidebar menu with options: Dashboard, Campaigns, Users & Groups, Email Templates (selected), Landing Pages, Sending Profiles, Account Settings, User Management (with an 'Admin' button), Webhooks (with an 'Admin' button), User Guide, and API Documentation. The main content area shows the 'Email Templates' section with a '+ New Template' button and a message 'No templates yet'. A modal window titled 'New Template' is open, containing fields for 'Name' (filled with 'linux2'), 'Envelope Sender' (filled with 'ajeetkumar200252@gmail.com'), and 'Subject' (filled with 'Email Subject'). Below these fields are tabs for 'Text' and 'HTML' (selected). The 'HTML' tab shows a rich text editor with a toolbar and a preview area. The preview area displays a blue circular profile icon, the text '{{.FirstName}} {{.LastName}}' and '{{.Email}}', a Chrome OS logo, and the text 'Chrome OS', 'Tuesday, 30 January 2023 12:54 (British Summer Time)', and 'Leeds, UK\*'. At the bottom of the modal, there is a checked checkbox for 'Add Tracking Image' and a red '+ Add Files' button.

## 8. Create a users and group

- **Navigate to "Users & Groups" and click "+ New Group."**
- **Import users via a CSV file or add them manually.**
- **Ensure the format is correct, including headers such as First Name, Last Name, and Email.**
- **Save the group once all users are added.**

The screenshot displays the Gophish web interface with the 'New Group' modal open. The modal contains the following fields and options:

- Name:** A text input field containing 'linux22'.
- Bulk Import Users:** A red button with a plus icon.
- Download CSV Template:** A link with a download icon.
- Manual Entry:** Four input fields for 'First Name' (ajeet), 'Last Name' (kumar), 'Email' (ajeetkumar200252i), and 'Position' (id), followed by a red '+ Add' button.
- Show:** A dropdown menu set to '10' entries.
- Search:** A text input field.
- Table Headers:** 'First Name', 'Last Name', 'Email', and 'Position' with sort arrows.
- Table Content:** A message 'No data available in table'.
- Footer:** 'Showing 0 to 0 of 0 entries', 'Previous', 'Next', 'Close', and 'Save changes' buttons.

Below the 'New Group' modal, a second modal for 'New Campaign' is partially visible, showing fields for Name, Email Template, Landing Page, URL, Launch Date, Send Emails By (Optional), Sending Profile, and Groups.

## 9. Using local host and create a url link and paste URL option

## 10. Create a url with pyphishar

```
file edit view vmi tools help
library
Type here to sea...
My Computer
linux
Exploit KB - Vuln

root@kali: /home/kali/PyPhisher

File Actions Edit View Help

[+] Initializing PHP server at localhost:8080....
[+] PHP Server has started successfully!
[+] Initializing tunnelers at same address.....
[+] Your urls are given below:

CloudFlare
URL : https://warriors-persian-mhz-arc.trycloudflare.com
MaskedURL : https://get-unlimited-google-drive-free@warriors-persian-mhz-arc.trycloudflare.com


LocalHostRun
URL : https://6998e259f4112d.lhr.life
MaskedURL : https://get-unlimited-google-drive-free@6998e259f4112d.lhr.life

Serveo
URL : https://c6b4324c9a03242fc6ba0b9279c81cf1.serveo.net
MaskedURL : https://get-unlimited-google-drive-free@c6b4324c9a03242fc6ba0b9279c81cf1.serveo.net
```

## 11. Copy and Paste url in gophisher

← → ↺ Not secure https://127.0.0.1:3333/campaigns

YouTube Maps Gmail News Translate https://fngp.in COMMON RECRUIT... bathroom www.google.com TryHackMe | Intro t... SEO - Digital Marke...



Dashboard

Campaigns

Users & Groups

Email Templates

Landing Pages

Sending Profiles

Account Settings

User Management Admin

Webhooks Admin

User Guide

Cam

+ New Campaign

Active Campaigns

No campaigns cr

Name:

googal

Email Template:

linux2

Landing Page:

linux1

URL: ?

https://warriors-persian-mhz-arc.trycloudflare.com|

Launch Date

March 20th 2025, 5:05 am

Send Emails By (Optional) ?

Sending Profile:

email

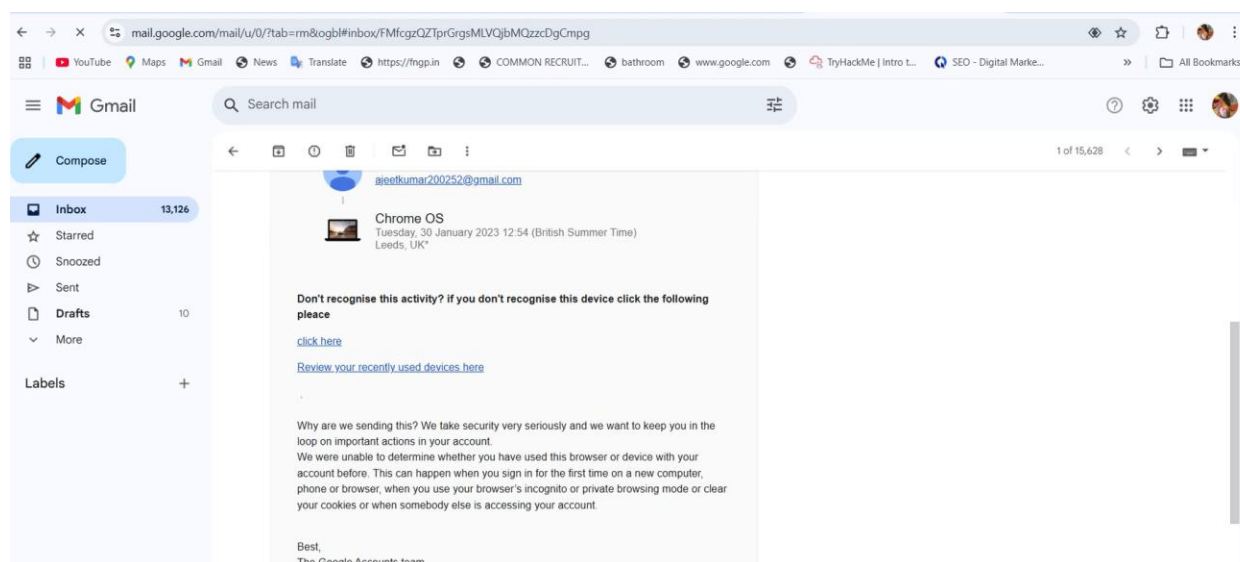
Send Test Email

Groups:

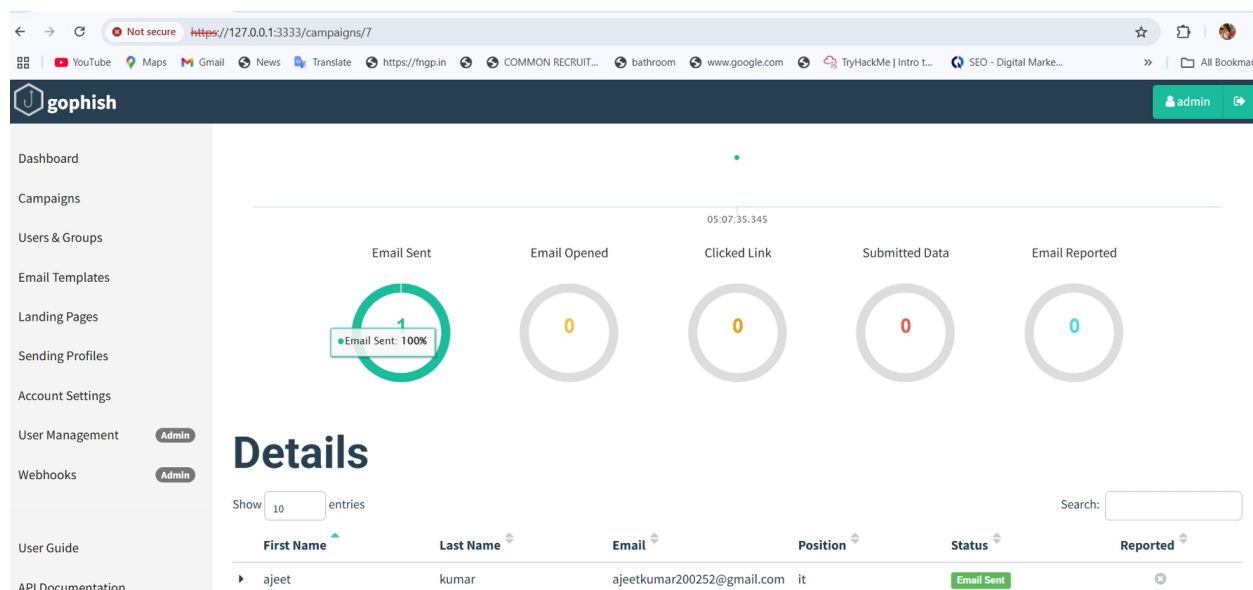
× linux22

# Launching the Campaign

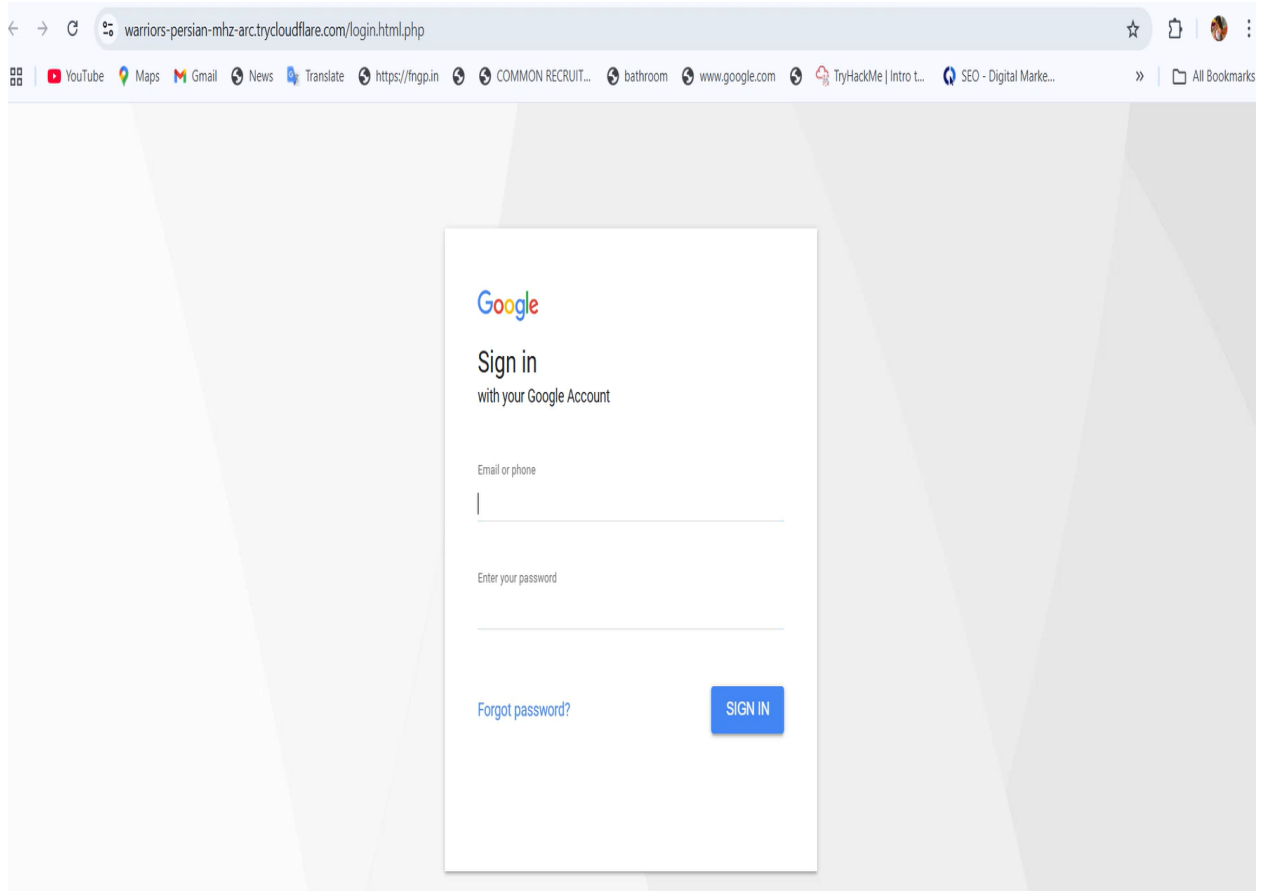
- Go to the "Campaigns" section and click "+ New Campaign."
- Select the previously created email template, landing page, and user group.
- Set the launch date and time or choose to send immediately.
- Click "Launch Campaign" to start the phishing test.



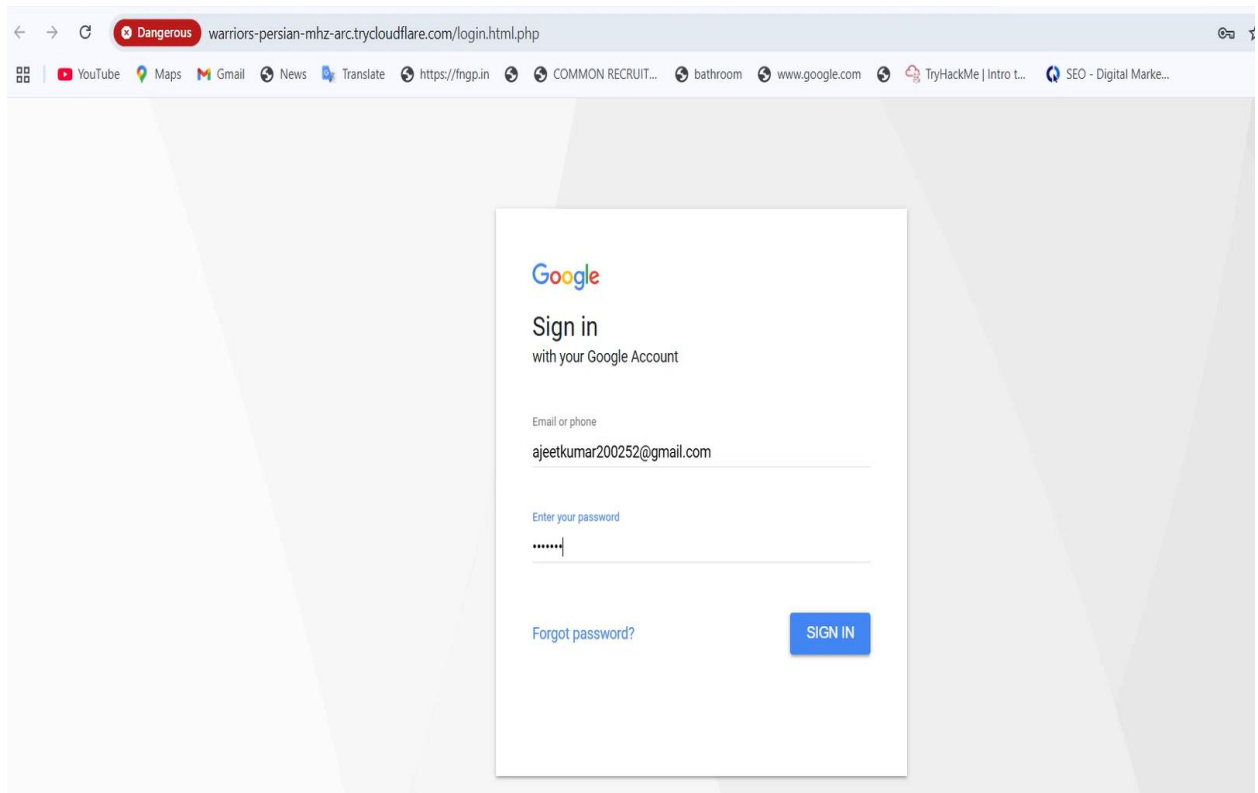
## 1. Show email sent



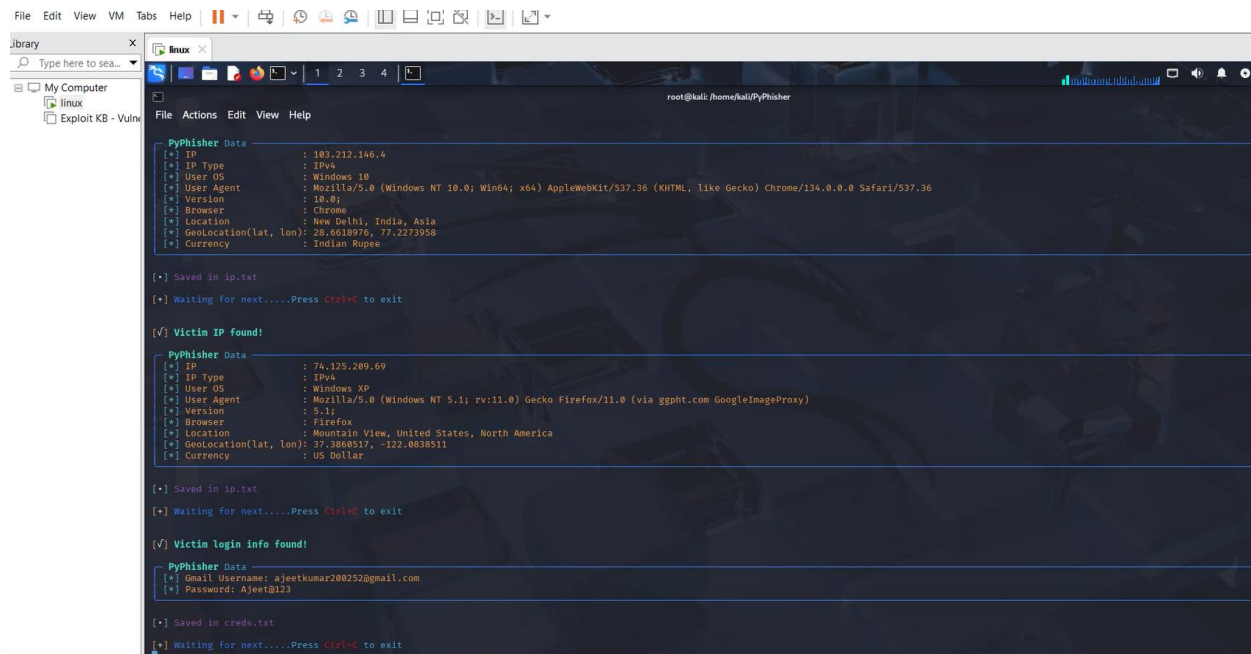




## 12. Feel page email or phone and password



## 13. And last step to show password



```
File Edit View VM Tabs Help | [Icons] | root@kali: /home/kali/PyPhisher

library
Type here to search
My Computer
linux
Exploit KB - Vuln

PyPhisher Data
[*] IP : 103.212.146.4
[*] IP Type : IPv4
[*] User OS : Windows 10
[*] User Agent : Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/134.0.0.0 Safari/537.36
[*] Version : 10.0;
[*] Browser : Chrome
[*] Location : New Delhi, India, Asia
[*] GeoLocation(lat, lon): 28.6618976, 77.2273958
[*] Currency : Indian Rupee

[*] Saved in ip.txt
[*] Waiting for next.....Press Ctrl+C to exit

[✓] Victim IP found!

PyPhisher Data
[*] IP : 74.125.209.69
[*] IP Type : IPv4
[*] User OS : Windows XP
[*] User Agent : Mozilla/5.0 (Windows NT 5.1; rv:11.0) Gecko Firefox/11.0 (via ggpht.com GoogleImageProxy)
[*] Version : 5.1;
[*] Browser : Firefox
[*] Location : Mountain View, United States, North America
[*] GeoLocation(lat, lon): 37.3860517, -122.0838511
[*] Currency : US Dollar

[*] Saved in ip.txt
[*] Waiting for next.....Press Ctrl+C to exit

[✓] Victim login info found!

PyPhisher Data
[*] Email Username: ajeetkumar200252@gmail.com
[*] Password: Ajeet@123

[*] Saved in creds.txt
[*] Waiting for next.....Press Ctrl+C to exit
```