

## You are being watched...



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# Agenda

## 1. Introduction

- Who am I?
- What I bring you?

## 2. Live demo

- Tinfoleak (new version!)
- Exploiting Twitter activity
  - ... for social engineers
  - ... for pentesters
  - ... for digital surveillance
  - ... for everyone

## 3. Conclusions

- What I expect in the future?

# Who I am?

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# What I bring you?

## Tinfoleak

- Tool (new version!), written in Python
- Exploits Twitter activity
- #OSINT #stalker #privacy #security #socialengineering
- Requirements:
  - Python
  - OAuth access token
  - Tweepy
  - Jinja2
- Can be executed in mobile devices
- Included in Linux Distros: CAINE and BlackArch
- Download: [www.vicenteaguileradiaz.com/tools](http://www.vicenteaguileradiaz.com/tools)

## Two execution modes:

- Specific mode
  - Analyzes activity and information for a specific @user
  - Example: where is the house of this person?
- Generic mode
  - Analyzes activity and information from a general point of view
  - Example: which users are in this manifestation?

## Main features:

- Getting basic account information
- Identification of devices, operating systems, applications and social networks used by a user
- Topics covered by users
- User friends and relations between them
- Advanced search in the users timeline
- Metadata extraction from images
- Download media content
- Geolocation analysis and representation
- Output report in HTML



# Live demo

# What I expect in the future?

## In the near future

- Implants for permanent Internet connection
  - in the brain?
- Exclusive (secret/private) social networks
  - Terrorists, VIP, others
- Predictions of user actions
  - what day you will meet your perfect wife?
- Disease prediction
  - what is your life expectancy?
- Difficulty to maintain the user privacy
  - priority from a security point of view

# References

- Tinfoleak
  - [www.vicenteaguileradiaz.com/tools](http://www.vicenteaguileradiaz.com/tools)
- Tweepy – Python library for accessing the Twitter API
  - [www.tweepy.org](http://www.tweepy.org)
- Jinja2 – Python template engine
  - [jinja.pocoo.org](http://jinja.pocoo.org)
- Oauth – Authorization framework
  - [oauth.net](http://oauth.net)
- CAINE – Computer Forensics Linux Live Distro
  - [www.caine-live.net](http://www.caine-live.net)
- BlackArch – Arch Linux-based Distro for Pentesting
  - [blackarch.org](http://blackarch.org)

**Thank you very much!**

**Some questions?**

# Su Seguridad es Nuestro Éxito



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