



THE SECURESET MISSION: TO TRANSFORM AND
SECURE THE WORLD BY EDUCATING A NEW GENERATION OF
CYBERSECURITY PROFESSIONALS

THREE TRANSFORMATIONAL PROGRAMS



CORE Program



HUNT Program



PATH Program

WHAT WE OFFER

- Transformational
 - Programs
 - Online Prep Workshop
 - 94% Job Placement Rate
- Continuing Education

SECURE YOUR FUTURE

Strategies from the experts to
protect yourself from hackers

SecureSet Hacking 101



AGENDA

- What are hackers after?
- What do hackers do and how are you susceptible?
- What can you do to protect yourself?
- What if you want to help protect others?

This SecureSet Hacking 101 workshop is eligible for 2 hours of CPE credit!

Ask a SecureSet staff member at the event if you would like to receive a CPE certificate.

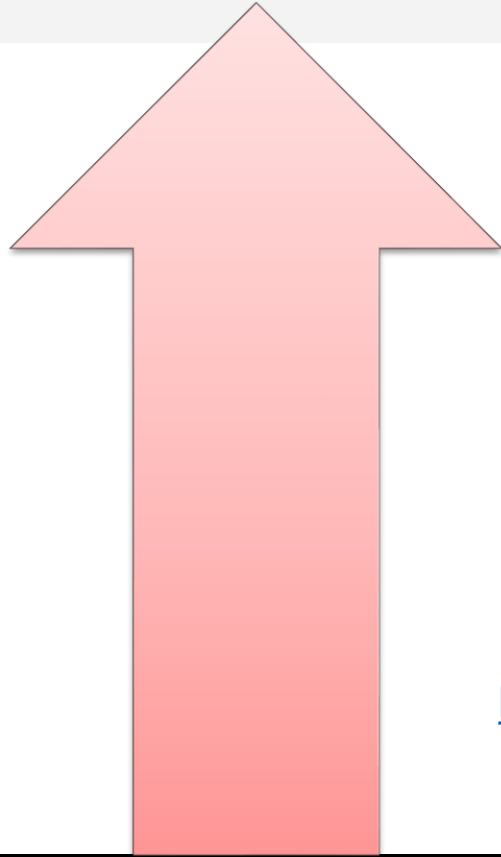
SECURE YOUR FUTURE



The author of this presentation is ajay Menendez, he is a year 30 veteran of Information Technology and Cybersecurity.

He is a privacy advocate and is personally committed to ensuring that everyone, especially kids and the elderly have a safe experience online without being exploited.

SECURE YOUR FUTURE



No need to
take photos.
Its all online!

<https://github.com/ajay63/PersonalProtection>

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You vs. Them

Companies
looking to make
a profit

Identity Thieves
looking to make
a profit

Phishing
Scammers
looking to make
a profit

Phishing Threat
Actors looking
to make a profit

Crime as a
Service looking
to make a profit

Governments
wanting to
establish control

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Marketing
Companies

Information
Brokers

Social Media
Companies

Corporate
Intelligence

Governmental
Intelligence

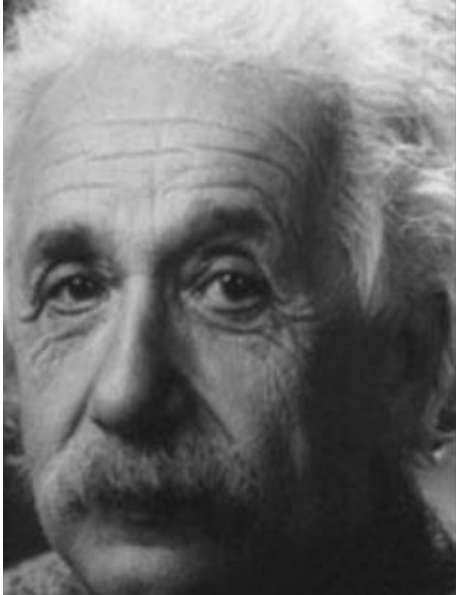
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A man must learn to understand the
motives of human beings, their
illusions, and their sufferings.

— *Albert Einstein* —

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Helen

HTTP

http://www.example.com

password: abc123



Without password encryption

Hacker see "abc123"



Carol

HTTPS

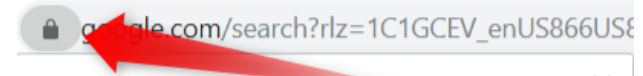
https://www.example.com

password: abc123



With password encryption

Hacker see "xyaerXzabc"



Connection is secure

Your information (for example, passwords or credit card numbers) is private when it is sent to this site.

[Learn more](#)



Location

Allow



Flash

Block (default)



Pop-ups and redirects

Allow (default)

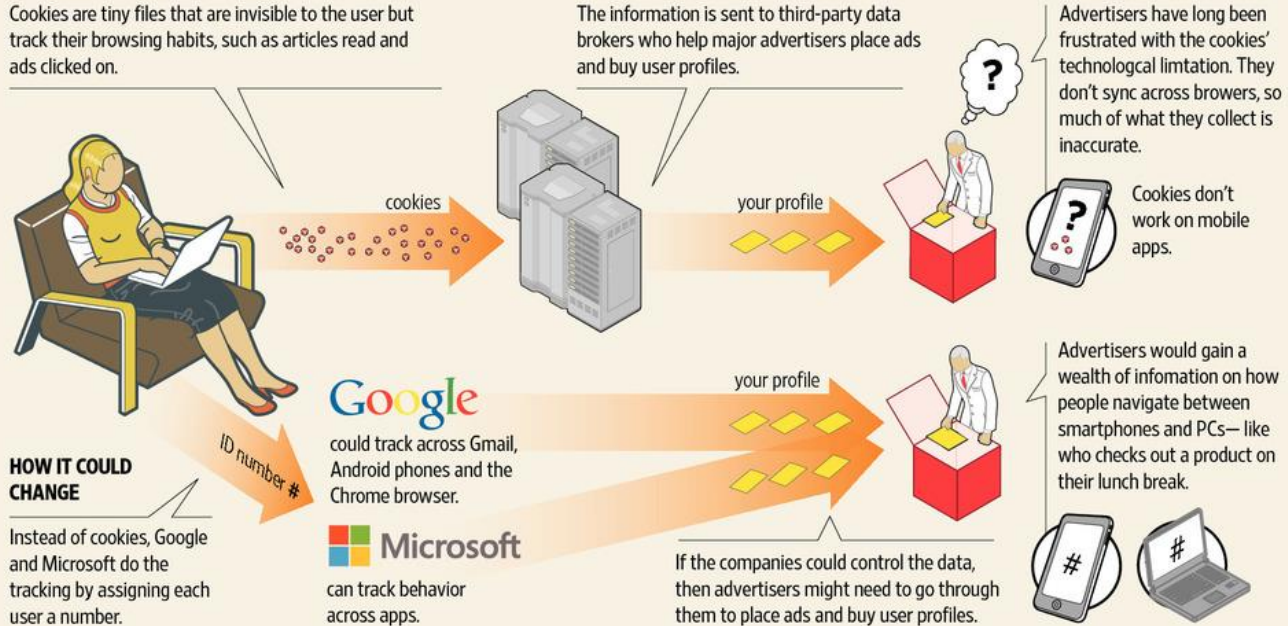


SECURE YOUR FUTURE

Cookie Wars | A battle is brewing to control online tracking

HOW COOKIES TRACK

Cookies are tiny files that are invisible to the user but track their browsing habits, such as articles read and ads clicked on.



Sources: WSJ staff reports; the companies; industry experts

The Wall Street Journal

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Private Browsing with Tracking Protection

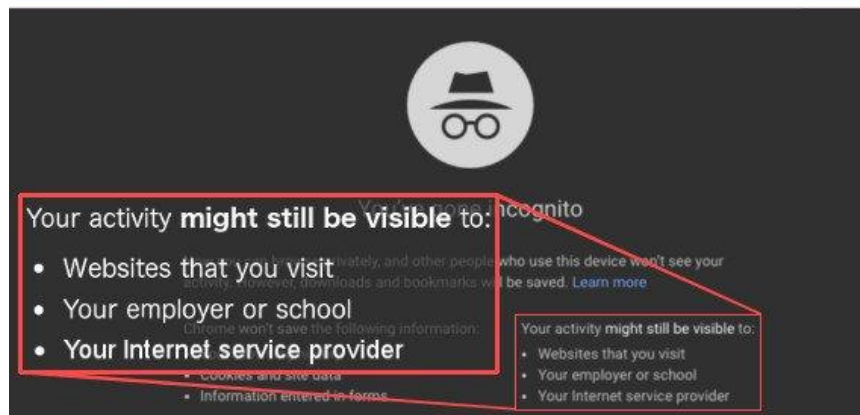
When you browse in a Private Window, Firefox does not save:

- Private pages
- Cookies
- Files

Private Browsing doesn't make you anonymous on the Internet. Your employer or Internet service Provider can still know what page you visit

- bookmarks
- downloads

Private Browsing doesn't make you anonymous on the Internet. Your employer or Internet service provider can still know what page you visit.



Incognito

Your activity might still be visible to:

- Websites that you visit
- Your employer or school
- Your Internet service provider

Chrome won't save the following information:

- Cookies and site data
- Information entered in forms

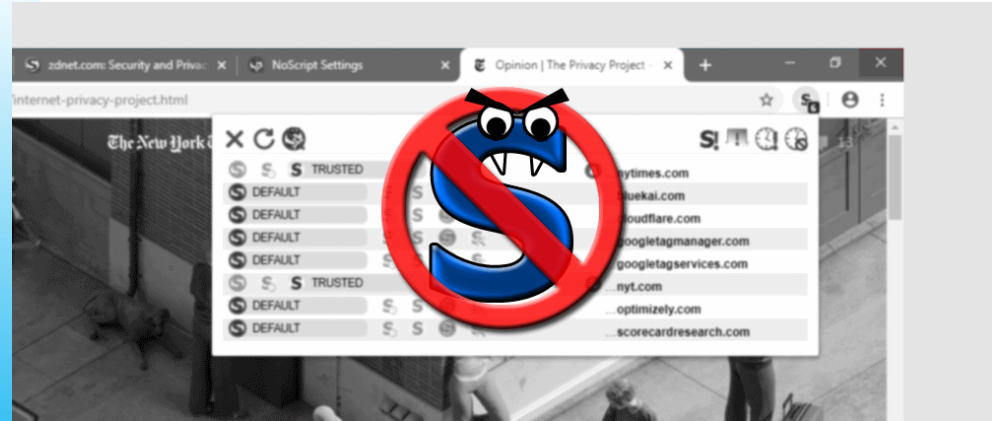
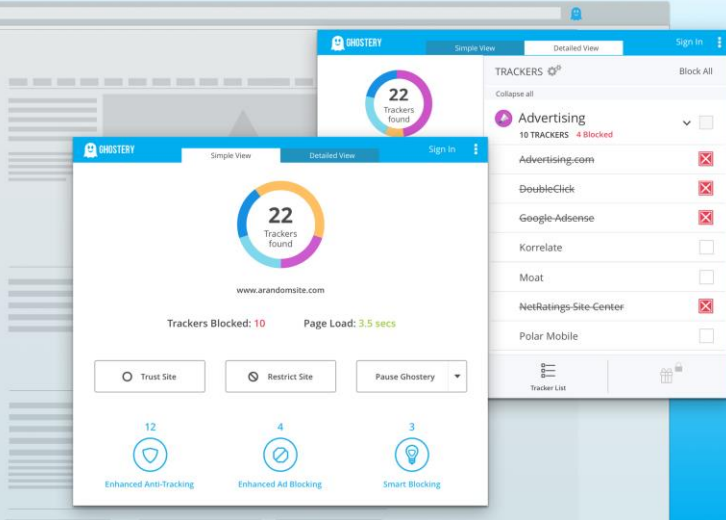
Your activity might still be visible to:

- Websites that you visit
- Your employer or school
- Your Internet service provider

SECURE YOUR FUTURE



Cleaner, faster & safer browsing



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GRAPHICS BY NINA PALEY

5 CREEPY THINGS YOUR ISP COULD DO

If Congress Repeals the FCC's Privacy Protections

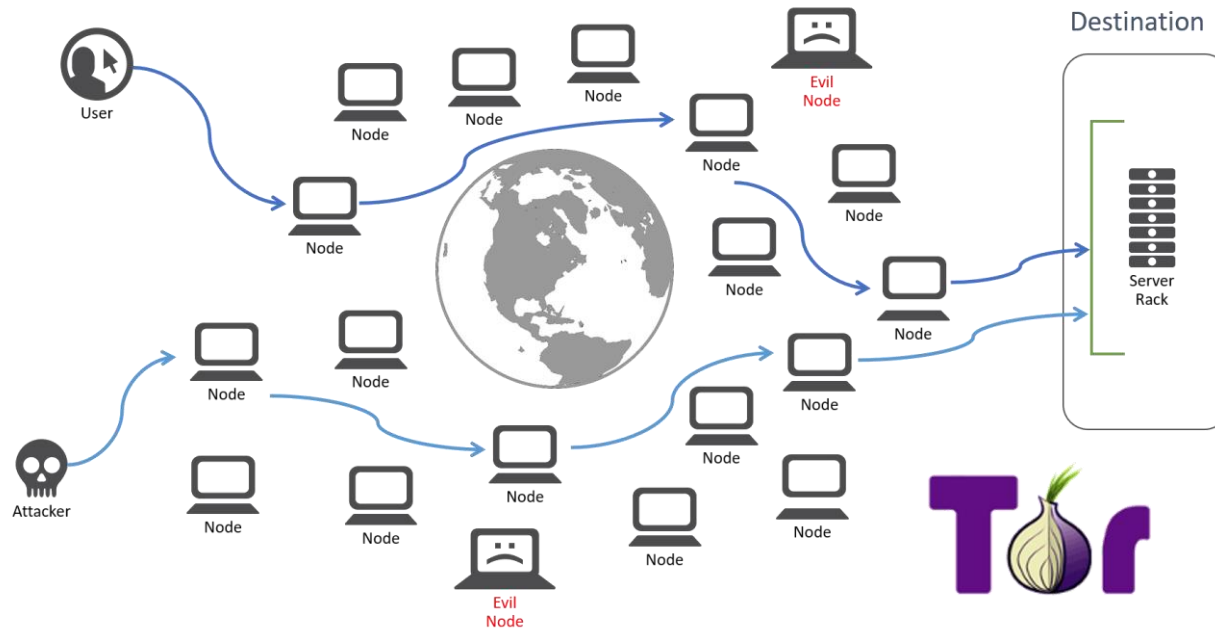
Nevertheless, on December 14, 2017, the Federal Communications Commission (FCC) voted in favor of repealing these policies, 3–2, along party lines, as the 2015 vote had occurred. ... On June 11, 2018, the repeal of the FCC's rules took effect, ending **network neutrality** regulation in the United States.

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The Onion Router (TOR) Network



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The Best ~~Free~~ **VPN Software**
and **VPN Services** to Use in 2019



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







';--have i been pwned?

Check if you have an account that has been compromised in a data breach

email address

pwned?

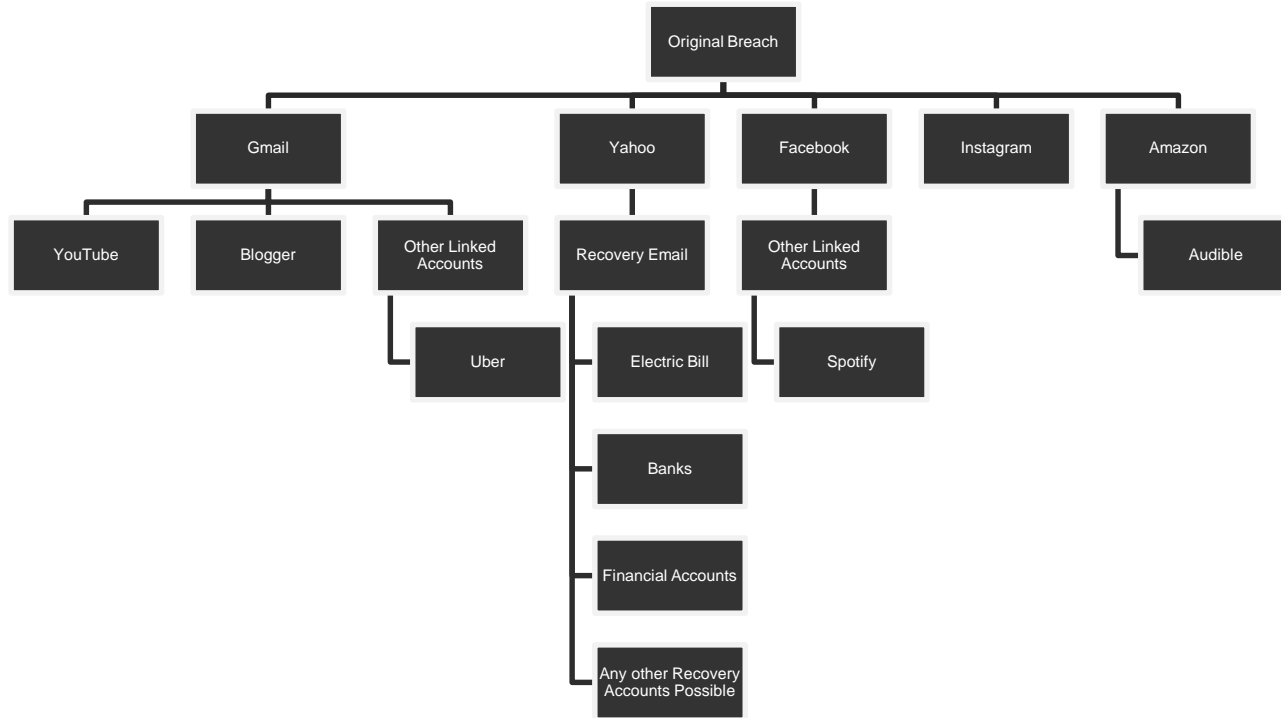
<https://haveibeenpwned.com/>

408	8,506,873,299	102,441	122,480,433
pwned websites	pwned accounts	pastes	paste accounts
Largest breaches		Recently added breaches	
	772,904,991 Collection #1 accounts		988,230 StreetEasy accounts
	763,117,241 Verifications.io accounts		780,073 Sephora accounts
	711,477,622 Onliner Spambot accounts		23,165,793 Wanelo accounts
	593,427,119 Exploit.In accounts		15,453,048 Lumin PDF accounts
	457,962,538 Anti Public Combo List accounts		4,606 KiwiFarms accounts
	393,430,309 River City Media Spam List accounts		396,533 Minehut accounts
	359,420,698 MySpace accounts		95,431 Void.to accounts
	234,842,089 NetEase accounts		36,395,491 Poshmark accounts
	164,611,595 LinkedIn accounts		89,388 Mastercard Priceless Specials accounts
	161,749,950 Dubsmash accounts		561,991 XKCD accounts

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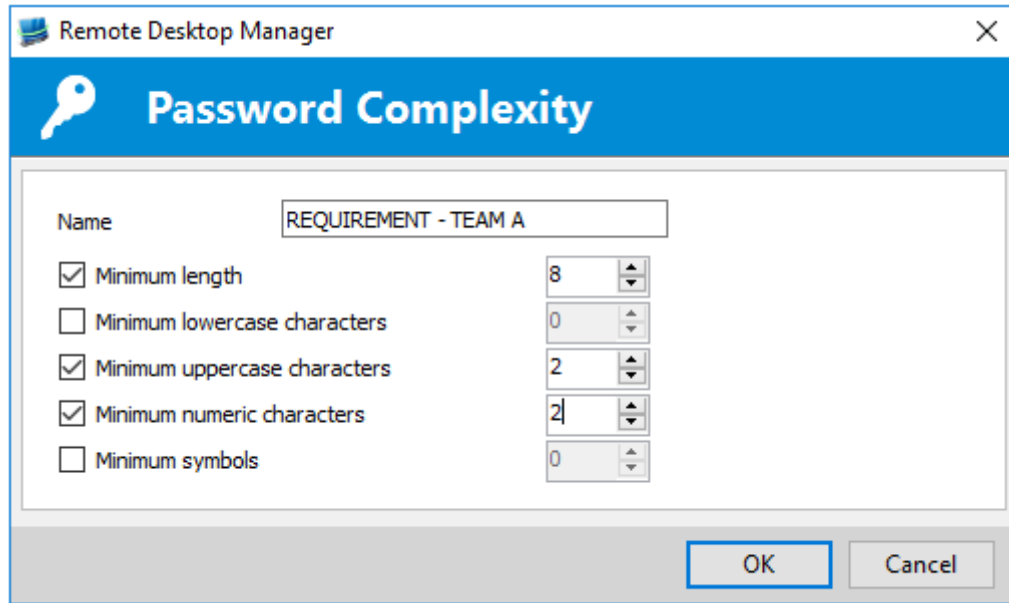
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When it comes to passwords, length trumps complexity. Try making a passphrase for a long password that's easy to remember.

Amount of Time to Crack Passwords

"abcdefg" 7 characters ⌚ .29 milliseconds

"abcdefgh" 8 characters ⌚ 5 hours

"abcdefghi" 9 characters 📅 5 days

"abcdefghij" 10 characters 📅 4 months

"abcdefghijk" 11 characters 📅 1 decade

"abcdefghijkl" 12 characters 📅 2 centuries

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The Best **Password Managers** of 2019 (Free & Paid)



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Phishing

Vishing

Smshing

Spear Phishing

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ELECTRONIC FRONTIER FOUNDATION

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THANK YOU



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