

# **How to preserve what little privacy you have left on the internet**

by Alan Neilan

Boston Security Meetup - 8/16/18

# #whoami

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# Repeal of broadband privacy rules


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**S.J.Res.34 - A joint resolution providing for congressional disapproval under chapter 8 of title 5, United States Code, of the rule submitted by the Federal Communications Commission relating to "Protecting the Privacy of Customers of Broadband and Other Telecommunications Services".**

115th Congress (2017-2018) | [Get alerts](#)

LAW

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**Sponsor:** [Sen. Flake, Jeff \[R-AZ\]](#) (Introduced 03/07/2017)

**Committees:** Senate - Commerce, Science, and Transportation

**Latest Action:** 04/03/2017 Became Public Law No: 115-22. ([TXT](#) | [PDF](#)) ([All Actions](#))

**Roll Call Votes:** There have been [2 roll call votes](#)

**Tracker:**

Introduced > Passed Senate > Passed House > To President > Became Law

More on This Bill

[CBO Cost Estimates \[0\]](#)

Subject — Policy Area:

Science, Technology, Communications

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# Protecting the Privacy of Customers of Broadband and Other Telecommunications Services

“The rules, which have not yet gone into effect, require AT&T Inc., Charter Communications Inc., Comcast Corp. and other broadband providers to get customer permission before using or sharing sensitive personal data, such as Web browsing or app usage history and the geographic trail of mobile devices.”

<http://www.latimes.com/business/la-fi-broadband-privacy-senate-20170323-story.html>

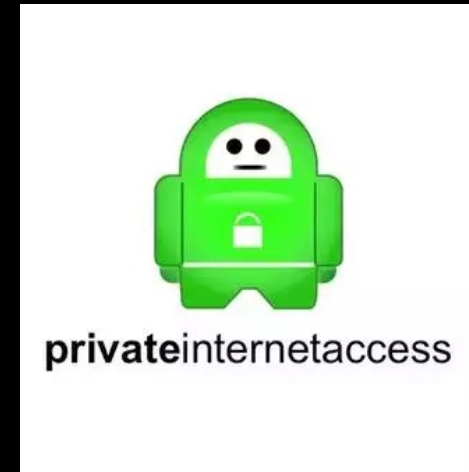
**Because apparently, protecting consumer privacy on the internet is a bad thing.....**

Also, Companies track your browsing habits on the internet.  
They track you from page to page using 1x1 tracking pixels

# To remedy the issue.....

## •Use a VPN

- An encrypted tunnel which masks your traffic from your ISP
- There are a plethora of VPN providers available
- Most (if not all) of which take credit cards
  - Some even take gift cards
- Some even have guides for setting the VPN up on your router



# Private Internet Access (PIA)

- This is the provider I use.
- Has clients for Windows, Mac, and Linux
- Android and iOS app
- Extension for Google Chrome.



**privateinternetaccess**

# AirVPN

Has clients for Windows, Mac,  
different flavors of Linux,

- Android and iOS app
- App for ChromeOS





## To remedy the issue..... (cont.)

Use browser extensions which block ads, tracking pixels and tracking cookies

- **uBlock Origin**

- Ad blocker

- **Privacy Badger**

- Blocks third-party cookies

- **HTTPS Everywhere**

- Enforces HTTPS on sites that don't do it by default

## To remedy the issue.....(cont. 2: electric boogaloo)

- **uBlock Matrix (called uMatrix on the add-on page)**

- A more powerful version of uBlock with more precise control.
- i.e. block all tracking cookies from youtube.com but allow all media files

# Thank you for your time.

Stay safe on the internet, folks.

Follow me on twitter.

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