20150427-VPN_comparison

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What I mainly focused on

- Plenty of end points
- Cost (under $100 USD per year)
- No logging / monitoring
- Number of devices
- Fast
- Good linux support
- OpenVPN support
- Payment options (bitcoin)

Why?

- Data retention laws have been passed
- Security
- I want to protect my privacy

Mullvad

Location	Servers	Devices	1Yr Cost
Sweden	23	3	65 USD

- Software is written in Python, hard to get working on latest Debian Jessie
- Easy to get working on Ubuntu.
- Free to check out (3hrs)

Hide.me

Location	Servers	Devices	1Yr Cost
Malaysia	27	5	77 USD

- Free account available for browsing.
- Couldn't get free version working on Debian or Ubuntu
- Good documentation (Screenshots, nice website)

AirVPN

Location	Servers	Devices	1Yr Cost
Italy	76	3	58 USD

- Software is written in Mono :(
- It's open source though :)
- Great documentation
- Easy to connect, lots of different options.

Demo

```
cd down
sudo openvpn AirVPN_Asia_UDP-443.ovpn
```

Cryptostorm

Location	Servers	Devices	1Yr Cost
Iceland	13	1	52 USD

- Handles payments through a third party
- Accepts bitcoin, darkcoins, dogecoins, zetacoins & litecoins
- torstorm - allow users to access tor anonymous servers
- Support is mainly through forums
- Also have a free service, capped at 1.5Mbps down, 1Mbps up
- http://linux.cryptostorm.org/
- Also offers a lifetime rate!

Demo

```
cd ~down
sudo openvpn --config cstorm_linux_singapore_1-4.conf
```

Others I looked at

Here are other VPNs I looked at and reasons why I'm not using them.

- private internet access, It's in America
- perfect-privacy, too expensive (160 USD per year)
- steganos = windows only
- proxy.sh = reported to monitor their users

Results

Company	Ping	Download	Upload
	(ms)	(Mbps)	(Mbps)
NO VPN	73	9.40	0.66
Cryptostorm	121	4.09	0.47
AirVPN	114	2.00	0.54
Mullvad	345	4.87	0.53
Hide.me	N/A	N/A	N/A

Also consider

Streisand

- Creates a VPN server for you VPS for you using ansible.
- Could use AWS for free.

References

- The Tin Hat | Privacy Guides and Tutorials
- https://www.privacytools.io/
- Which VPN Services Take Your Anonymity Seriously? 2015 Edition | TorrentFreak