

IT Privacy Advocate Outlines Realistic Plan to Neutralise Big Brother

by Claire Connelly via zed - SMH Thursday, Oct 29 2015, 10:00pm

international / prose / post

Eccentric [genius] entrepreneur and privacy advocate Kim Dotcom is building his own private internet, allegedly safe from the prying eyes of surveillance authorities. [The pros outweigh the cons.]



Kim Dotcom

Via video link at Sydney's SydStart conference this week, the web mogul explained that "MegaNet" will work on a non-IP-based internet "that uses the beauty of blockchain [[Bitcoin's public ledger](#)] and new protocols to communicate and exchange data", while still using the internet's existing physical infrastructure.

"If you don't have IP addresses you can't hack the server, you can't execute denial of service attacks on gaming services or websites," Dotcom said from New Zealand, where he is currently awaiting the result of an [extradition trial](#).

"Most importantly it will make it difficult for governments to invade our privacy. This entire network I'm working on is fully encrypted. It literally works from the people for the people."

How will it work?

MegaNet will rely on people's unused processing power on their phones and laptops, and allow them to donate bandwidth to the service.

"The more people that install the MegaNet app on their devices, the more powerful it will become," Dotcom said.

If 100 million smartphones joined up, the network would have more online storage capacity, bandwidth and calculating power than the top 10 largest websites in the world combined, he said.

It will rely on existing physical internet infrastructure people use today - so-called "dumb pipes" - but will add a new layer of encryption running through all communications.

Dotcom claimed the encryption technology he'll use is so powerful no super computer will be able to

crack it.

In order to function, MegaNet is literally going to be using up your device's battery power, storage capacity and web bandwidth to power its so-called private network.

If you consent, it will draw from your smartphone's processing power and bandwidth while it's idle – for instance, when you're asleep – if it's plugged in and connected to Wi-Fi.

However, Dotcom told Fairfax Media MegaNet's default settings would use only processing power, and users would opt in to donate bandwidth.

"In the beginning you set your restrictions," he said.

"The default is no use of bandwidth, and only storage on your phone. But if you want to, it enables us to utilise some of your bandwidth. Users are fully in control. It's not costing them anything."

As for the blockchain, MegaNet will borrow from Bitcoin's lauded method of recording transactions (even [the Australian Securities Exchange is considering it](#)), but instead of users storing transaction records, they will store some of the files that make up this new "alternative private internet". Presumably these will be encrypted too, otherwise everyone who connects to MegaNet will have some record of who is using the system and for what purpose, and that would contradict Dotcom's pitch.

When can we get it?

The millionaire admitted that phone technology, including battery life, will need to improve before MegaNet can really take off.

"We're looking at a 10-year plan," he said.

"Over the next decade, current smartphones are going to be replaced by phones 10 times stronger and faster, with massively more computing power, that are as powerful as desktop computers are today.

"Battery tech in the making is going to give you 24 to 48 hours battery time with full usage. There are lots of advancements currently taking place. Today's bottlenecks might be a challenge, but over the years, with new devices and new capacity with mobile bandwidth, there will be no limitations."

The mogul is confident that a technology solution will keep people secure and that privacy doesn't require new infrastructure.

"Right now they're just my words, but I'll prove it to you with proof when the service goes live. You watch. The security community will appraise it and validate this service."

Dotcom expects 100 million users to sign up within the first year of launch (expected sometime in 2016).

© 2015 Fairfax Media

*[Active CIA/NSA agent Ed Snowden now knows what he can do with his fear campaign, take note other active agents, you are entirely expendable, suckers! As for CIA partners Facebook, Apple, MS and Google, the writing is on the wall. **Hacker law: "whatever one man makes another can break!"**]*



Active CIA/NSA agent, Ed Snowden

<http://tinyurl.com/pmh2x7x>

Jungle Drum Prose/Poetry. <http://jungledrum.lingama.net/news/story-1955.html>