
From: Jeremy Rubin <[REDACTED]>
Sent: Saturday, July 30, 2016 2:03 PM
To: jeffrey E.
Subject: Re:

That seems to fly in the face of net neutrality though. I'm not sure I'm fully in the net-neutral camp, but having guaranteed QoS and low anonymity will prevent people from accessing websites that aren't pre-approved pre-vetted content.

OTOH I could see the need for a QoS guaranteed high latency low bandwidth network (with origin) to enable the IoT sector to build really interconnected real time products, without really threatening net neutrality.

Knowing origin seems good; but this already exists within the internet to an extent via public key crypto, although perhaps that leaves something to be desired.

[REDACTED]

On Sat, Jul 30, 2016 at 8:43 AM, jeffrey E. <jeevacation@gmail.com <mailto:jeevacation@gmail.com> > wrote:

I agree with danny, just like bitcoin or other digital currencies. I think the lack of binary decision. Its either this or that, now usually leads to the answer "both"

----- Forwarded message -----

From: Danny Hillis <[REDACTED]>
Date: Sat, Jul 30, 2016 at 8:33 AM
Subject: Re:
To: "jeffrey E." <jeevacation@gmail.com <mailto:jeevacation@gmail.com> >

On the other hand, I wonder if this is a variant of trumpism, we need to make the internet great again. At what point was it great before? When there were but a select few who were able to access it; and everybody on it knew they would be meddled with a bit. Once it went too mainstream no longer was being a hacker (or even, user) of such systems an at-your-own-risk endeavor, but was something that people depended on.

[REDACTED]

Similar modern endeavors include Urbit, linked for posterity <https://urbit.org>, which is mostly made incomprehensible for the point of keeping out the un-enlightened. Urbit is supposed to re-imagine computing as fundamentally distributed.

I think it would require very close consideration to figure out why a new internet is actually needed. Traditionally in CS we think of a distributed system as striving to achieve Consistency, Availability, and Partition Tolerance (see Brewer's theorem, <https://www.infoq.com/articles/cap-twelve-years-later-how-the-rules-have-changed> <<https://www.infoq.com/articles/cap-twelve-years-later-how-the-rules-have-changed>>

I think that thinking in terms of these desirable properties in terms of mutually exclusive groups is probably a useful way to consider the design space. Another well known one is Zookeeper's triangle: https://en.wikipedia.org/wiki/Zookeeper_triangle.

In any case, I've gone on a slight tangent. My point is it's one thing to say you want a new internet because of a theoretical (or not so theoretical) button, it's another to have motivation enough to actually build such a new network. Besides from the button, what properties seem critical to you?

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[REDACTED]

On Mon, Jul 25, 2016 at 7:08 AM, Jeffrey E. jeevacation@gmail.com <<mailto:jeevacation@gmail.com>> wrote:

I liked the idea of internet 2.0 - encouraged by the reset switch.

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