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An Ethical Position on the Principle of Internet Neutrality

An Application of Kantianism and Utilitarianism

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PH 3370-03 Computers, Ethics, and Society

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Due December 6, 2017

Ethical analysis of net neutrality provides strong evidence in support maintaining the policy into the future. Internet neutrality (or “net” neutrality) is described by the Federal Communications Commission as the principle that “broadband service providers cannot block or deliberately slow speeds for internet services or apps, favor some internet traffic in exchange for consideration, or engage in other practices that harm internet openness” (“The Open Internet”). In other words all data flowing through an Internet Service Provider’s (ISPs) network is treated equally as if one packet of data was indistinguishable from any other with respect to content. This principle has proven controversial in recent years as technologists, policy makers, and profit-seeking firms have expressed competing concerns. We evaluate the principle through the application of the ethical theories of Kantianism and Utilitarianism and find strong support under both frameworks that net neutrality should remain in place.

We apply Kant’s formula of the Universal Law of Nature with four commonly accepted steps: “First, formulate a maxim that enshrines your reason for acting as you propose. Second, recast that maxim as a universal law of nature governing all rational agents, and so as holding that all must, by natural law, act as you yourself propose to act in these circumstances. Third, consider whether your maxim is even conceivable in a world governed by this law of nature. If it is, then, fourth, ask yourself whether you would, or could, rationally will to act on your maxim in such a world. If you could, then your action is morally permissible” (“Kant’s Moral Philosophy” 13). We now attempt to formulate maxims related to net neutrality.

ISPs want to be able to restrict access to information by charging the maximum possible price for certain kinds of data. We cast this as the maxim that “access to information should be restricted.” Universalizing this maxim proposes that individuals, governments, and organizations reduce access to information of any kind they choose. Such a world is conceivable, resembling modern day North Korea in which interpersonal communication is highly self-censored, and official sources of information are highly restricted and selective about what information is available. In such a world, we would not will ourselves to act on this maxim, indeed just the opposite. Very often in societies where information is restricted we see individuals working to overcome such restrictions through any means at their disposal: illicit publications, virtual private networks, word-of-mouth networks, etc. Since this maxim does not pass the fourth test, we conclude that acting on it is not morally permissible.

To the extent that ending the policy of net neutrality contributes to restricting access to information, it is also morally questionable at best. It does seem likely that one outcome from ending the policy will be cost and infrastructure barriers to accessing information. Some consumers may be priced out of internet service, losing access. Some producers of information may not be able to pay fees to ensure maximum public access of their content. Additionally, ending net neutrality will drive investment capital to the most profitable markets. Decaying infrastructure in some markets may also limit content available to consumers in that area.

From a consumer’s perspective, then, it seems ending net neutrality is a morally questionable action. From a content producer’s perspective, let’s examine the following maxim: “the right of speech should be prioritized based on financial payment.” Universalizing this maxim proposes that platforms for speech including public space, broadcast and print media, and internet communication systems give special advantage to speech based on how much the speaker has paid to speak. Such a world can be conceived by extending forms of commercial speech such as print and TV advertisements to all other areas. The right to speech would be free initially. However any speaker willing to pay more would have their speech prioritized. Perhaps the public comment periods during city council meetings would proceed based on bid amounts for the floor. Voters might be able to pay to increase the weight of their vote. ISPs would be allowed or even required to prioritize the data traversing their networks based on how much the producer of the data paid them.

In such world, power would naturally accrete to the wealthiest citizens and companies. The beneficiaries could use their growing power to accumulate further wealth in a self-reinforcing cycle until both power and wealth is primarily held by a small minority of individuals and companies. History has shown that we cannot continue to act on this maxim under such circumstances. Civil discontent and widespread misery are ultimately created and upheaval including violence often ensues. Since we cannot will ourselves to act on this maxim, it must be morally impermissible.

To the extent, then, that ending net neutrality would prioritize speech based on financial payment, it is morally impermissible. This is indeed a highly likely outcome of ending the policy. As profit maximizing firms operating as near monopolies, ISPs have strong motivation to extract Economic Rent from content producers (“speakers”) using their network. Indeed part of the desire of ISPs to end the policy of net neutrality is driven by their hope to negotiate deals with content providers such as Netflix and YouTube to provide preferential service to their content in exchange for fees. Such negotiations might be more aptly described as extortion. Such deals may not seem pernicious since entertainment is not a category of speech often threatened, but the possibility of this tactic to news outlets, government websites, and communication platforms such as Facebook or WhatsApp is concerning.

From the examination of these maxims, it appears ending the ending the policy of net neutrality is at best morally dubious from a Kantian perspective. For another ethical viewpoint, we can appeal to Utilitarianism. Utilitarianism “is generally held to be the view that the morally right action is the action that produces the most good” (“The History of Utilitarianism”). Importantly, in “the Utilitarian view one ought to maximize the overall good – that is, consider the good of others as well as one's own good” (“The History of Utilitarianism”). From this perspective, the rightness of an action is understood entirely in terms of consequences produced, and this feature distinguished Utilitarianism from Kantianism. Kantianism is focused duty or rules, Utilitarianism is focused on outcomes. Thus we now focus on likely consequences of ending net neutrality and consider whether ending net neutrality produces more good than retaining it.

ISPs principally contest net neutrality on the grounds that the FCC’s treatment of ISPs has, as Comcast Executive David Cohen expressed, “harmed broadband investment and innovation” (“FCC Takes Next Steps on Open Internet”). Indeed the policy is a market hindrance that limits the choices of buyers and sellers of services and results in reduced options for consumers, so this position certainly has some validity based on economics. To the extent that ISPs can make profits from offering these choices to producers and consumers of content, they would make additional investments in infrastructure to deliver those choices. There are certainly consumers that would willingly pay a higher price for faster or more reliable access to Netflix or other streaming sites, and there are certainly companies willing to pay ISPs to give their content preferential treatment. In this sense, net neutrality is preventing fully voluntary transactions, making the market less free.

The argument that net neutrality reduces innovation may be compelling as well. Clearly a market exists for non-neutral communication networks, and market forces in free societies are perhaps the central driver of innovation in free societies. Innovation is especially tricky in that world-altering innovation often comes from unpredictable places and thrives on freedom of individuals and organizations making their own choices on a microeconomic level. Net neutrality is certainly a reduction that freedom.

Taking the above into account, the overall good produced by relaxing net neutrality is that doing so allows individuals and organizations greater freedom to enter into voluntary transactions that benefit both sellers and buyers. Additionally, the consequences of allowing this freedom may be unpredictable but history has shown that allowing individuals and companies freedom to make their own choices produces valuable innovation, adding to overall good, whereas onerous regulation stifles it.

We accept the claim that net neutrality harms broadband investment and innovation without dispute and find the additions to the overall good noticeable and credible. However we stress that these claims of harm, i.e. reduction in good, are claims of kind and not of degree. In addition the qualification is necessary that net neutrality harms *ISP* investment and *ISP* innovation. Considering the question to what degree is harms the overall investment and innovation is enlightening.

Certainly ISPs are the largest investors in network infrastructure, but part of that has been driven by regulation and tax policy granting licenses, financial arrangements, competitive rights, and public assets encouraging such investment. Moreover, the US election cycle in 2017 showed that in at least one municipality, Fort Collins, CO, there is appetite to at least explore direct public investment in network infrastructure. Given that the massive investments made in infrastructure by current ISPs already occurred under the policy of net neutrality, and that there is evidence that such investment would be made by entities other than existing ISPs, even as the policy is still in place, the harm in maintaining net neutrality appears rather reduced.

That net neutrality reduces the incentives for *ISP* innovation is a credible claim, but the *extent* of this harm seems limited. Just as with all the modern infrastructure investments made to date, the innovation that produced current networks took place under the policy of net neutrality. Perhaps unlike investments in infrastructure, it is unsurprising that this was so for innovation. The innovation that makes current networks possible is based on basic research done by scientists going back more than 200 years and conducted often without a clear commercial purpose, often without commercial funding, and often driven by other than purely commercial motives of the individual scientists.

In the 20th century, corporations were indeed enormous contributors to research and engineering innovations

As Baase notes, “there are two different but related issues…(1) whether the companies that provide the communications networks should be permitted to exclude or give different treatment to content based on the content itself, on the category of content, or on the company or organization that provides it, and (2) whether the companies that provide the communications networks should be permitted to offer content providers and individual subscribers different levels of speed and priority at different price levels” (Baase 179).

QUOTE BAASE ON 2 DISTINCE FEATURES OF NET NEUTRALITY

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