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## Fwd: TRAI to fix minimum download speed for mobile internet

1 message

A. Robert J. Ravi, Advisor <advqos@trai.gov.in>

To: sroqos@gmail.com

Mon, May 5, 2014 at 10:06 AM

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

From: Ankur Bhatnagar <ank.bhatnagar@gmail.com>

To: advqos@trai.gov.in

Cc:

Date: Fri, 02 May 2014 18:17:49 +0530

Subject: TRAI to fix minimum download speed for mobile internet

Dear Sir,

I recently learnt that TRAI is considering setting minimum download speeds for 3G mobile connections.

As a mobile user, I thank you for that. I am glad that you thought about this very important issue.

While the 3G on my phone can go up to 21 MBPS, I rarely get more than 0.5 MBPS over 3G. And that is when I have the 3G connection. More often than not, my phone shows me that it is on 2G network (by showing 'E' next to signal bars).

I have the following specific suggestions for you:

1. The minimum speed must be at least **2 MBPS**.
2. TRAI should make sure that the operators have **adequate backhaul capacity**. The operators must declare and publish their backhaul capacity in per user terms.
3. The importance of continuous 3G connection must be enforced. Its **importance should be made equal to the voice connectivity**. As of today, the operators consider data availability non-critical or a 'nice to have' feature. Availability of 3G connectivity is unreliable. It must now be considered as a critical service. Many users' businesses and professions depend on high quality data services if you consider examples like emails and enterprise apps. For examples, entire taxi networks and several fleets depend on quality data connections. It is complementary to GPS and will enable several GPS based services. Good 3G connection is necessary in many safety and security applications too.
4. The operators **must not selectively block or throttle speeds** depending on the destination IP addresses, URL, connection port numbers, application or other such parameters. For example, the operators must not throttle or block services like Skype or Facebook on their own accord.
5. Specifically I would like to point out that the **data connectivity of operators in Metro Rail in Delhi has been extremely poor**. It often becomes very hard to even book a taxi from inside Metro train using an app. If voice connectivity can work in the trains, then why not 3G data? As I mention above, the operators must be told to accord same importance to continuous and high quality data connection as they do to the voice connectivity. (Voice quality too must improve)

Thank you and best regards,  
Ankur Bhatnagar