

MEASUREMENT LAB

# MEASUREMENT AT SCALE

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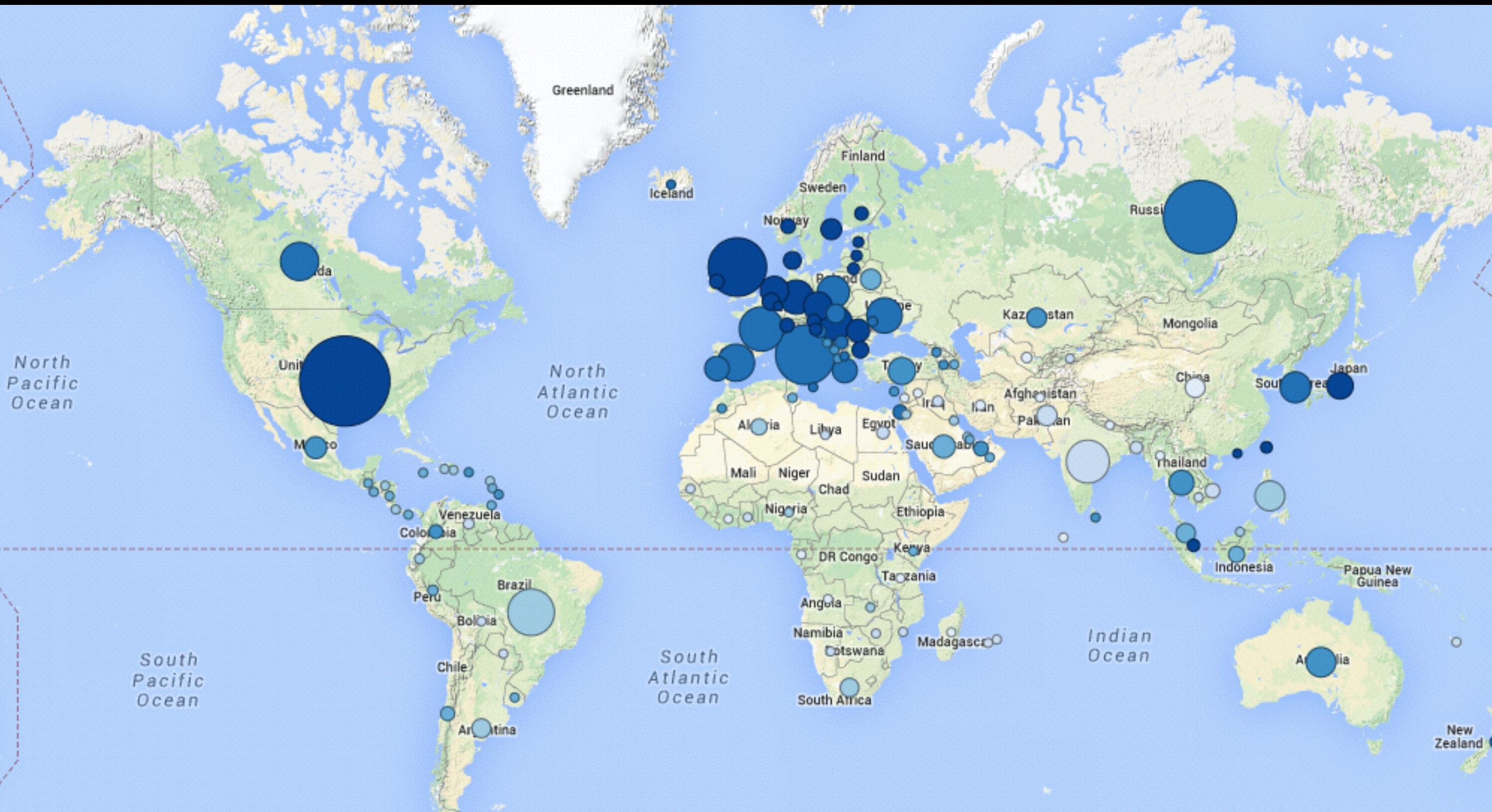
MEASUREMENT LAB

# GLOBAL MEASUREMENT AT SCALE





# GLOBAL MEASUREMENT AT SCALE






## MEASUREMENT LAB

# PERVASIVE MEASUREMENT FROM THE EDGE

µTorrent Setup Guide

µTorrent will test your network and configure itself for best performance.


☒ **Bandwidth** Greece, Athens 

**Results: Upload: 209.71 kbit/s (25.5 kB/s)    Download: 1.20 Mbit/s (147.2 kB/s)**  
(Alternate speed test at [dslreports](http://dslreports.com))

Your Upload Speed: Test Result (209.71 kbit/s)

µTorrent Bandwidth Configuration

Upload Limit:	17.0 kB/s	Upload Slots:	3
Connections (per-torrent):	55	Connections (global):	90
Max active torrents:	1	Max active downloads:	1

☒ **Network** 

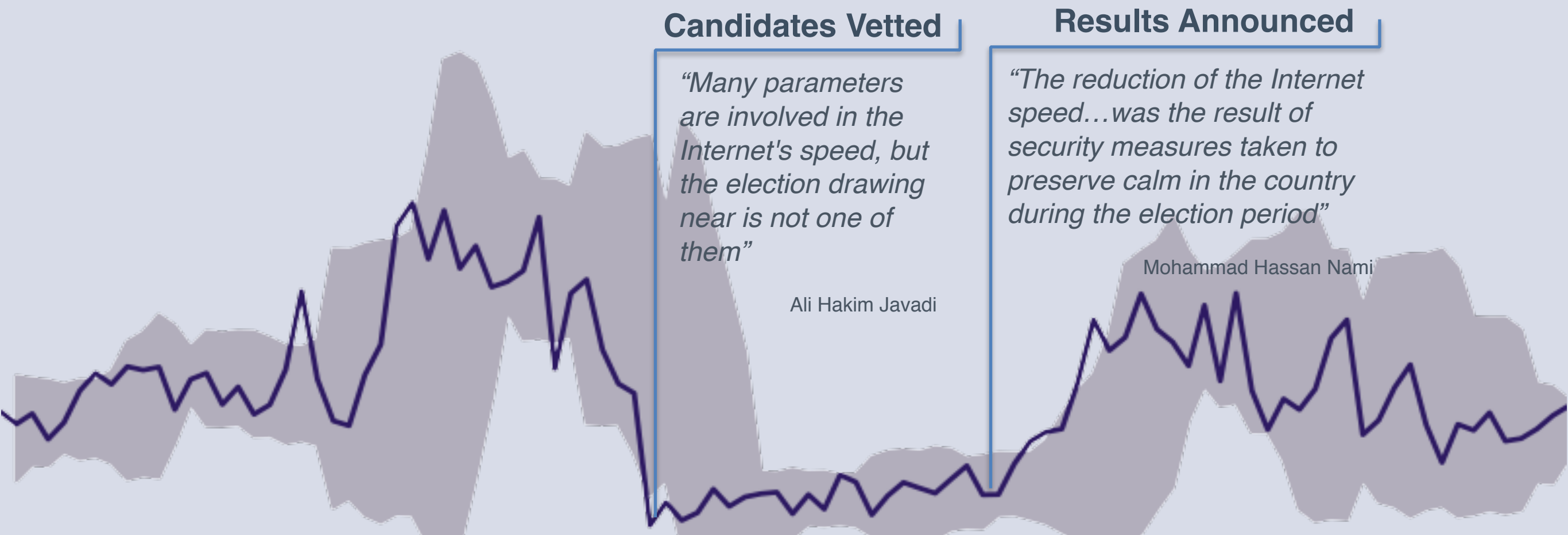
IRAN

# LOOKING OUTWARD FROM CLOSED SOCIETIES



IRAN

# POLITICALLY-MOTIVATED CONNECTIVITY THROTTLING





INDIA

# PROVIDING PUBLIC INTEREST DATA



IN

Provider	Total tests	Shaped tests	Percent to shaped
ZIML-AP ZEE INTERACTIVE MULTIMEDIA LTD., BANGALORE	5	2	40%
TATAINDICOM-IN TATA TELESERVICES LTD - TATA INDICOM - CDMA DIVISION	4	2	50%
PACIFIC-INTERNET-INDIA-ASN Pacific Internet India Pvt. Ltd.	2	1	50%
AIRTELBROADBAND-AS-AP Bharti Airtel Ltd., Telemedia Services	126	18	14.3%
MEGHBELA-IN MEGHBELA BROADBAND	4	1	25%
PULSE-IN Pulse Telesystems Pvt Ltd	1	0	0%
BBNL-IN Bangalore Broadband Network Pvt Ltd	8	0	0%
WNET-IN Wan & Lan Internet Pvt Ltd	1	0	0%
CONJOINIX-AS CONJOINIX TECHNOLOGIES PVT. LTD.	1	0	0%
MCPL-IN Ground Floor, Heritage Plaza	1	0	0%
TDN Tikona Digital Networks Pvt Ltd.	45	15	33.3%
SIFY-AS-IN Sify Limited	11	0	0%
GEONET GEOCITY NETWORK SOLUTIONS PVT LTD	1	0	0%
INPL-IN-AP Ishan_s Network	1	0	0%
BLUELOTUS-AS Blue Lotus Support Services Pvt Ltd	1	0	0%
AIRCEL-IN Aircel Ltd.	7	3	42.9%
SIFY-IN Sify Limited Service Provider India	2	1	50%
ZYETELECOM-IN ZYE TELECOM PVT LTD	2	0	0%
ORTELNET-AS M/s Ortel Communications Ltd	2	1	50%
EXCELL-AS Excellmedia	14	1	7.1%
HTIL-TTML-IN-AP Tata Teleservices Maharashtra Ltd	10	0	0%
DWL-AS-IN Dishnet Wireless Limited. Broadband Wireless	3	0	0%
HNS-AS-AP Honesty Net Solution (I) Pvt Ltd	5	1	20%
QTLTELECOM-AS-AP Quadrant Televentures Limited	1	0	0%
P4NETWORKS-IN 506/7, Balarama Building, Bandra Kurla Complex, Bandra (E), Mumbai - 400051	4	1	25%

INDIA

# DATA-DRIVEN, INDEPENDENT ADVOCACY

THE ECONOMIC TIMES

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## Airtel's 'pledge' on net neutrality questioned

By ET Bureau | 20 Apr, 2015, 04.00AM IST



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NEW DELHI: Savetheinternet.in, an online campaign to preserve a free Internet, has lashed out at Bharti [Airtel](#) India chief's defence of the Airtel Zero plan, saying the telco's product changes the way the Web works by reducing consumer choice, making Internet companies dependent on carriers for discovery and access to their services.

Savetheinternet.in on Sunday questioned Airtel's commitment to [net neutrality](#) when it was simultaneously violating it by putting differential pricing for different sites. In an open letter put up on its website, it gave examples where Airtel had provided fast lane internet access to some sites and in another case, throttled internet traffic, countering Airtel's claims that it had never blocked, throttled or provided any differential speeds to any website.

"For the [Indian Premier League](#) in 2010, Airtel had provided a fast lane to users accessing [YouTube](#), increasing their speed to 2 Mbps. Two years later, the Google-backed Measurement Lab (M-Lab) reported that Airtel and other ISPs had been throttling [BitTorrent](#) traffic in India for years," the coalition said.



*Savetheinternet.in questioned Airtel's commitment to net neutrality when it was simultaneously violating it by putting differential pricing for different sites.*

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