IPv6 @ Telenet

IPv6 council meeting @ VOO

May 2018

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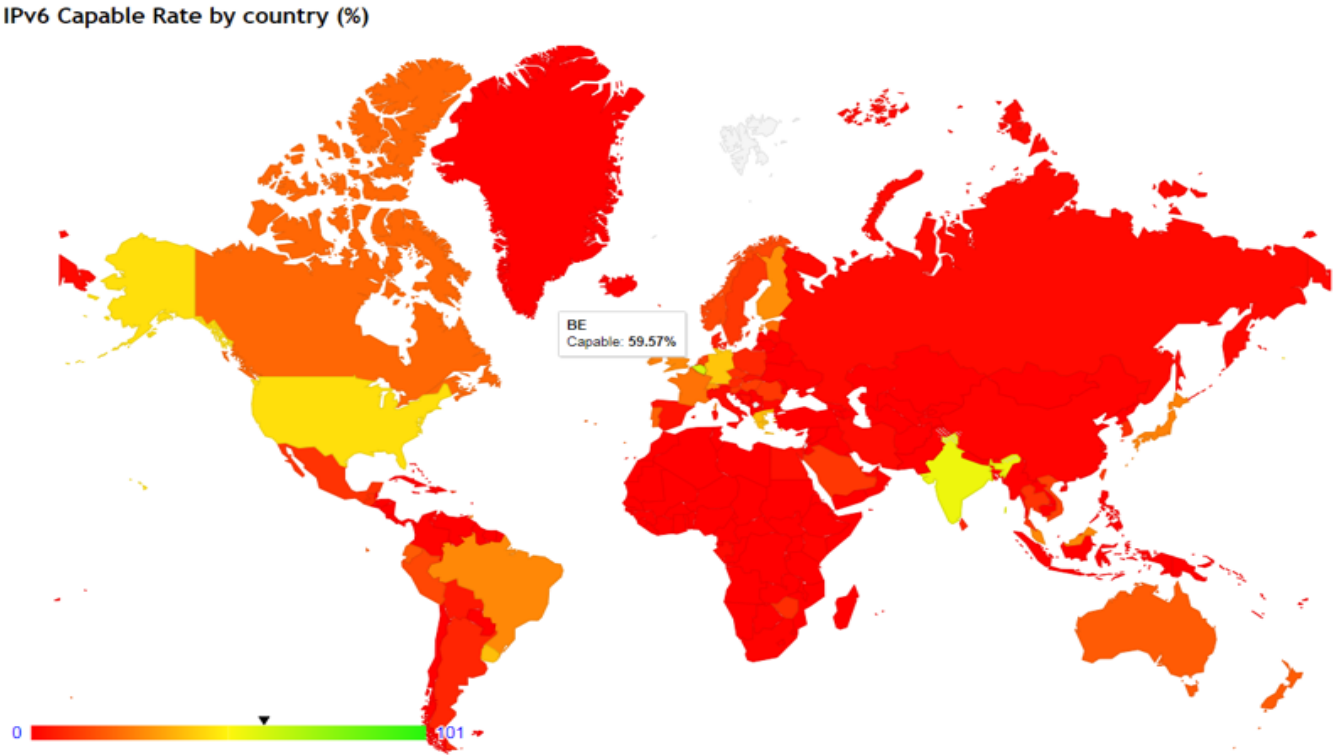
Topics:

- Fact & Figures
- Fixed
- TV
- Mobile



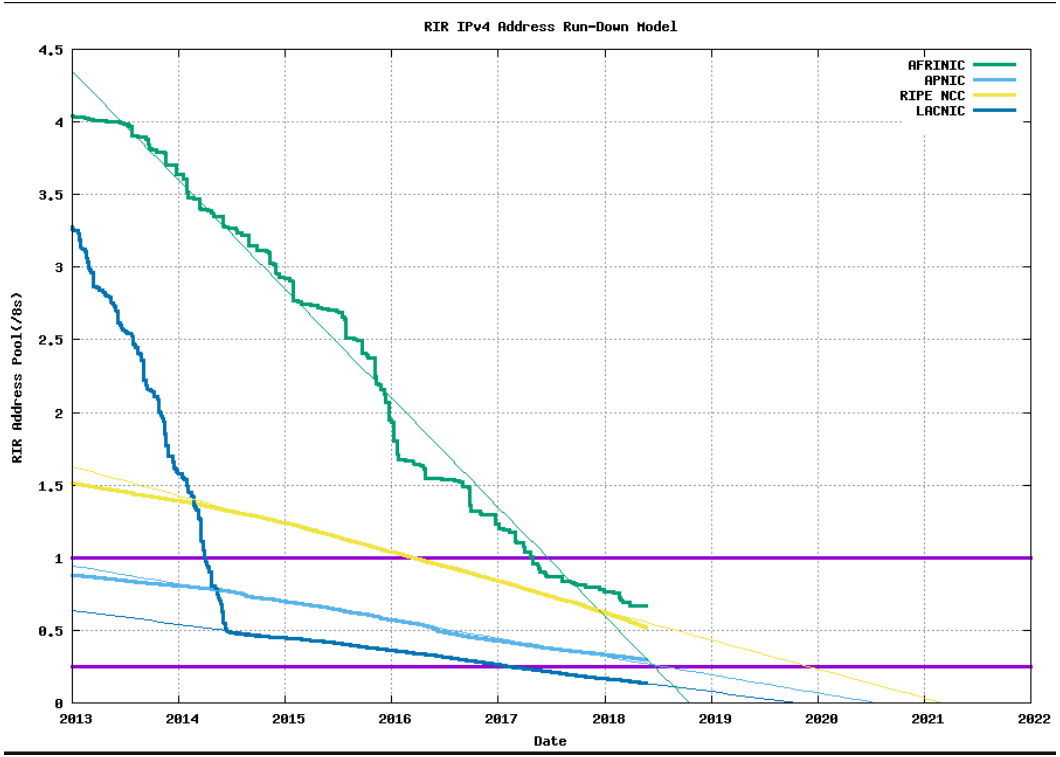
Source: https://stats.labs.apnic.net/ipv6/

Top 10

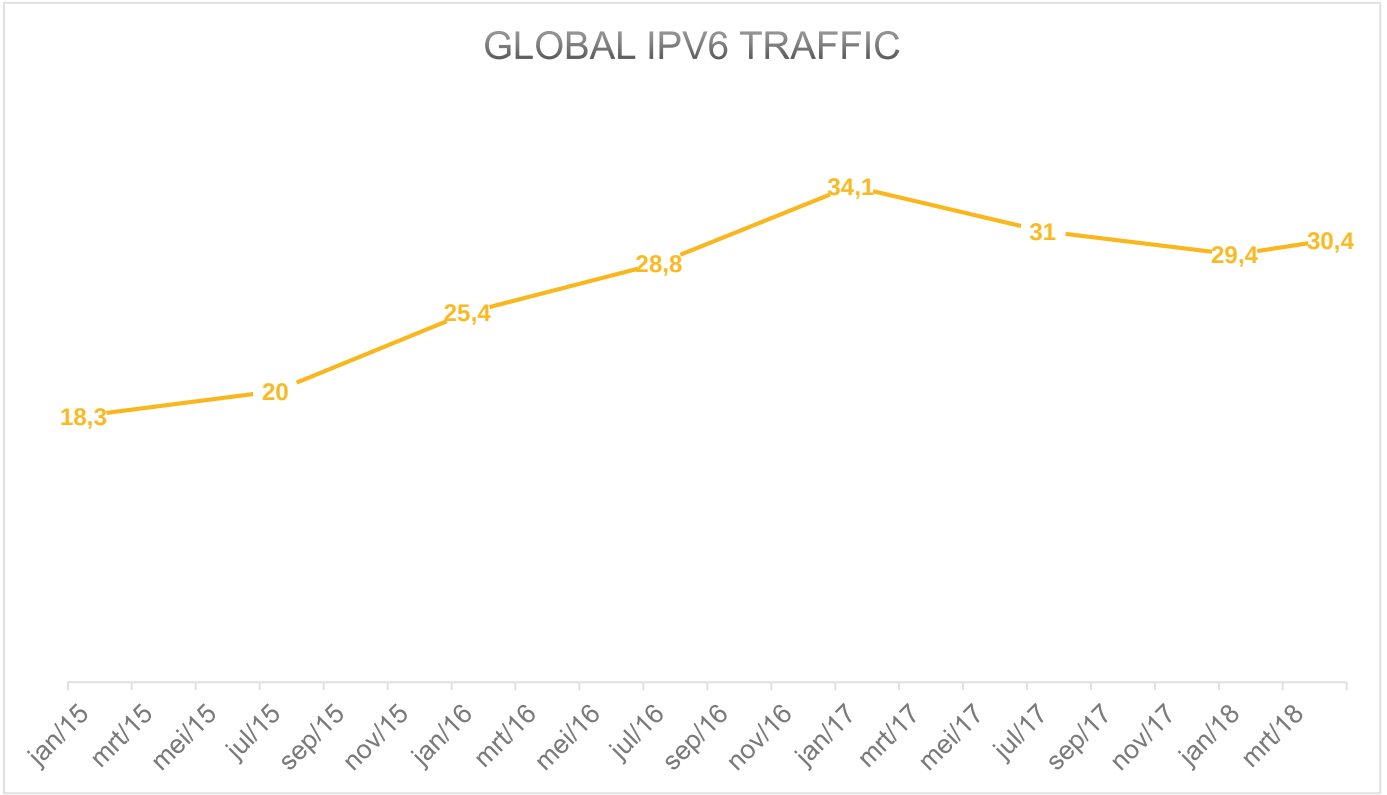
CC	Country	IPv6 Capable	IPv6 Preferred	Samples
BE	Belgium, Western Europe, Europe	58.13%	55.53%	1,176,898
IN	India, Southern Asia, Asia	56.55%	54.00%	138,177,623
US	United States of America, Northern America, Americas	45.44%	43.70%	119,807,192
DE	Germany, Western Europe, Europe	39.81%	38.48%	5,345,362
GR	Greece, Southern Europe, Europe	38.67%	37.41%	5,405,727
UY	Uruguay, South America, Americas	34.03%	33.27%	238,187
LU	Luxembourg, Western Europe, Europe	32.63%	31.69%	77,073
CH	Switzerland, Western Europe, Europe	30.96%	29.18%	524,979
GB	United Kingdom of Great Britain and Northern Ireland, Northern Europe, Europe	29.98%	29.06%	15,703,822
FI	Finland, Northern Europe, Europe	28.36%	26.99%	362,823

Source: https://stats.labs.apnic.net/ipv6/

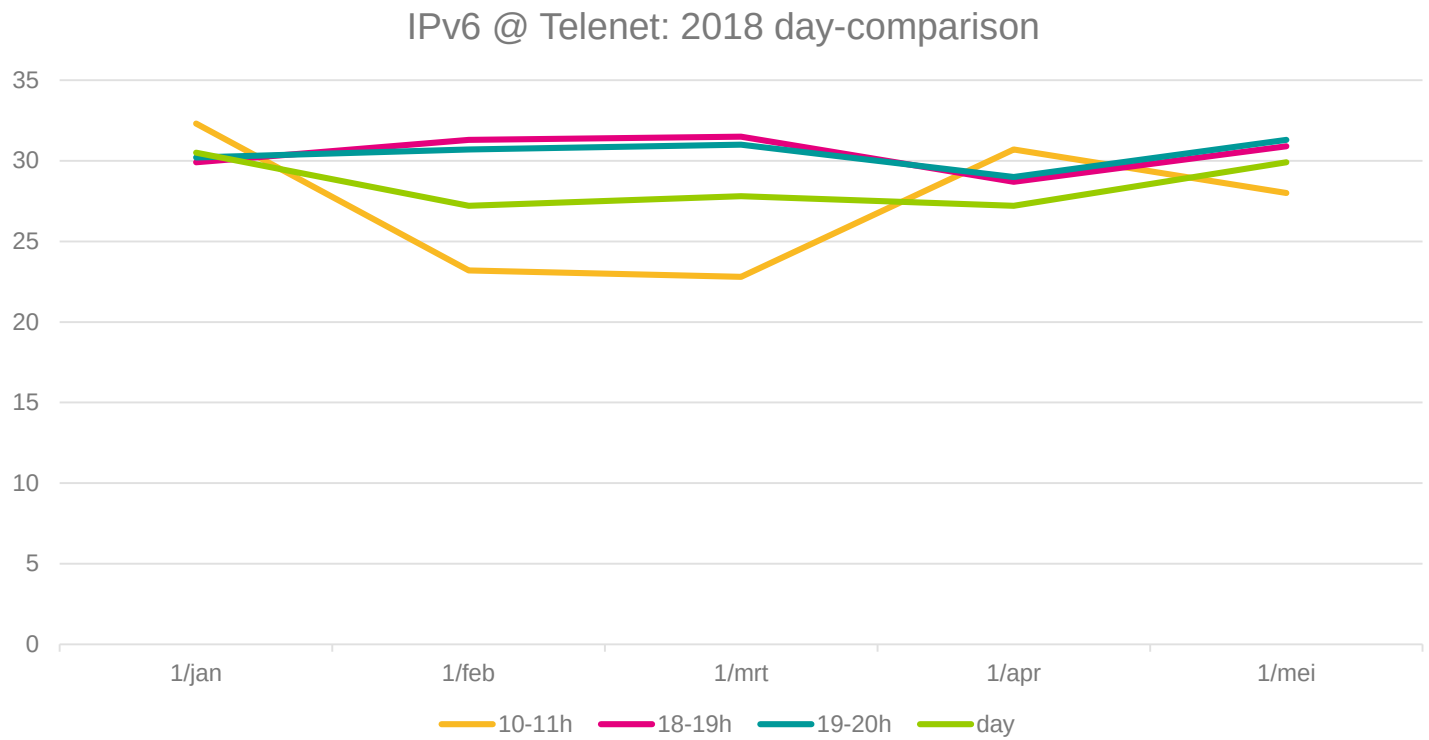
IPv4 depletion



Source: https://ipv4.potaroo.net/plotend.png



DISCLAIMER : Graphs are based upon snapshot info, specifically setup for BE IPv6 council. Target is to share a view on IPv6 traffc as seen on the Telenet network. Some apps might be forced into a certain mode (ipv4 or ipv6) depending on devices on which they are used, so these might only be partially representative. Configuration mistakes are always possible, hence numbers could divert slightly from the displayed ones.



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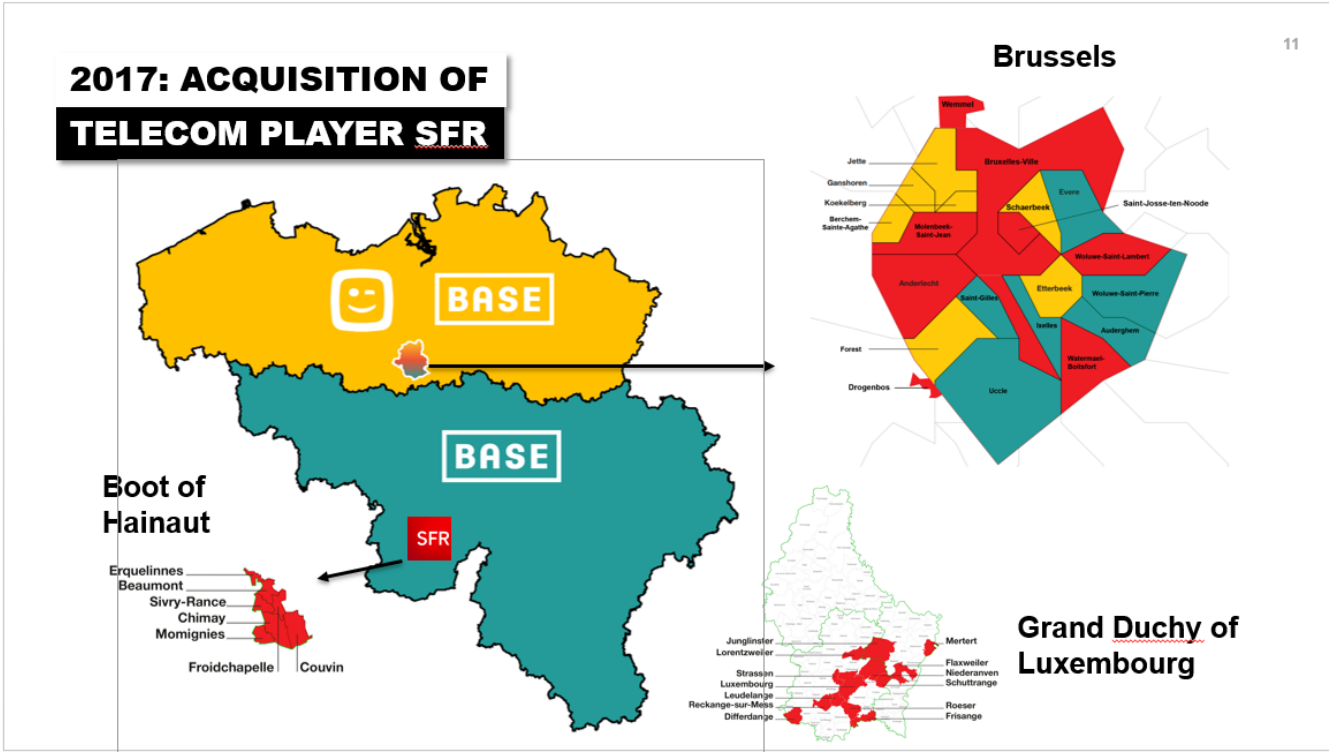
Fixed: Expanding in Brussels / Wallonia / Luxembourg



New STB

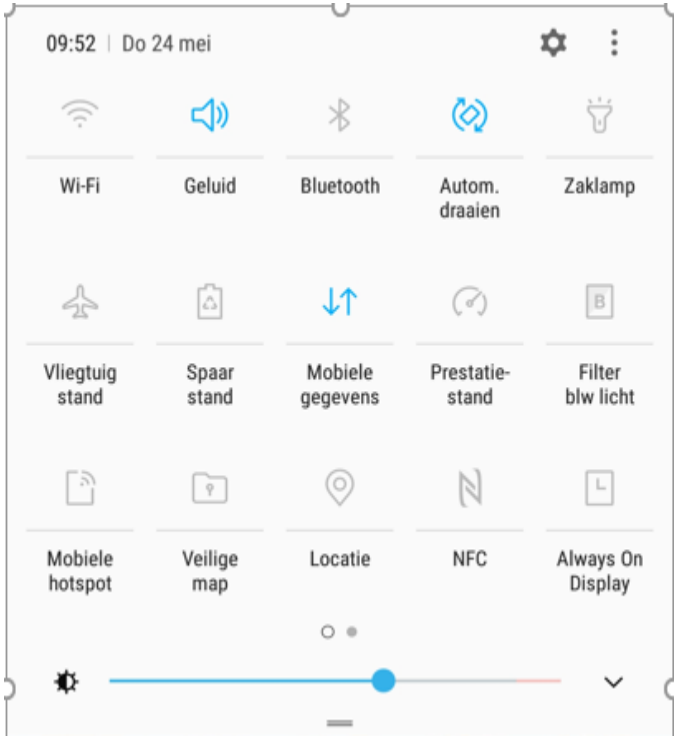
- Announced for 2018
- Field Trials ongoing
- New IP functions:
  - nPVR
  - onDemand
  - Apps

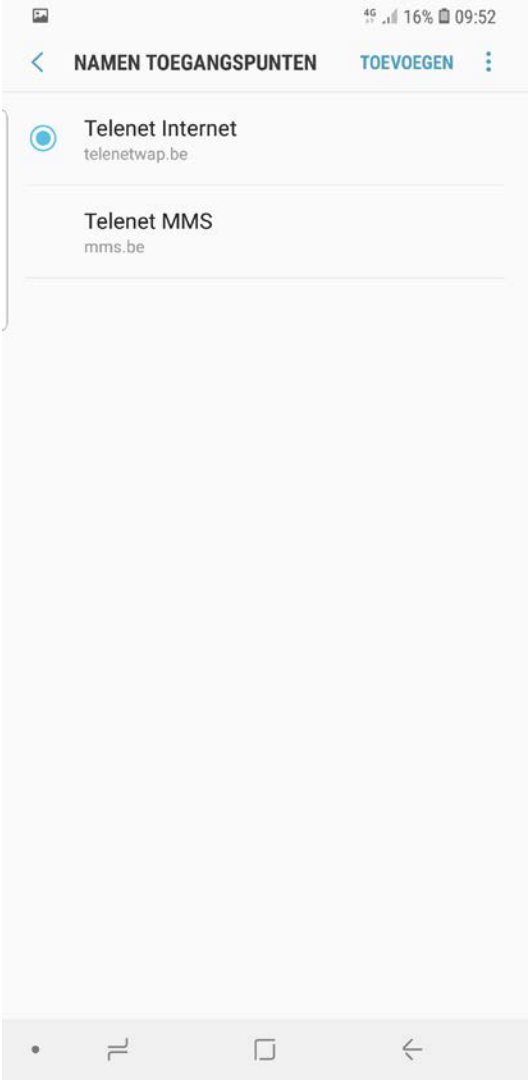
IPv6 traffic !!

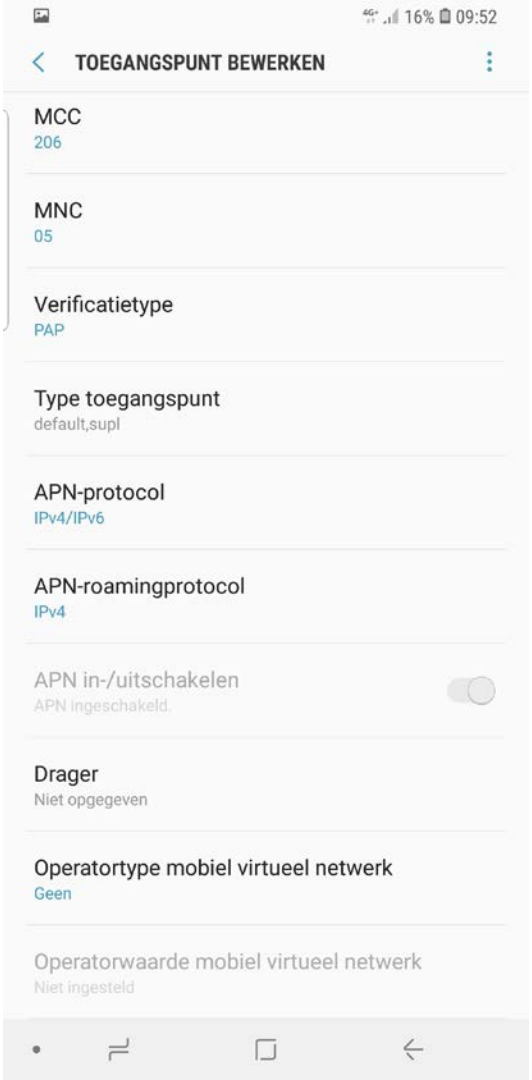
Demo time

Live “demo”

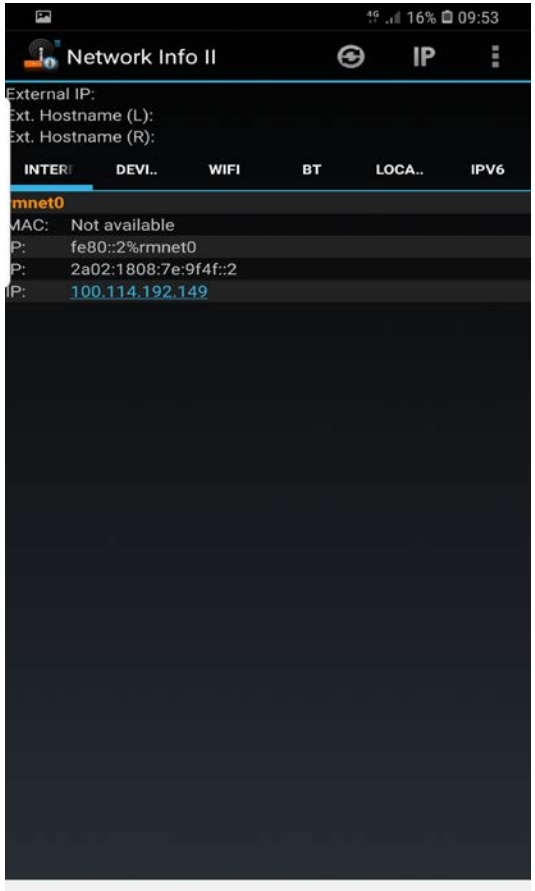
Screenshots

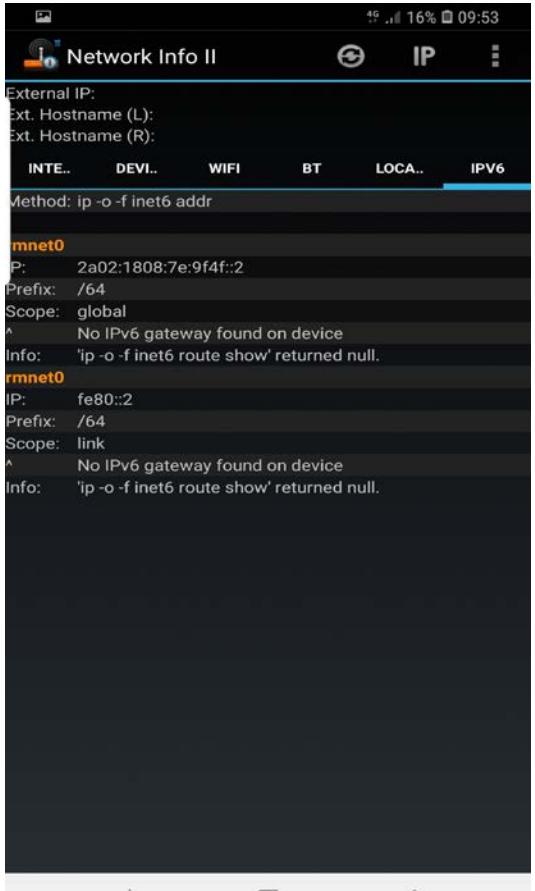


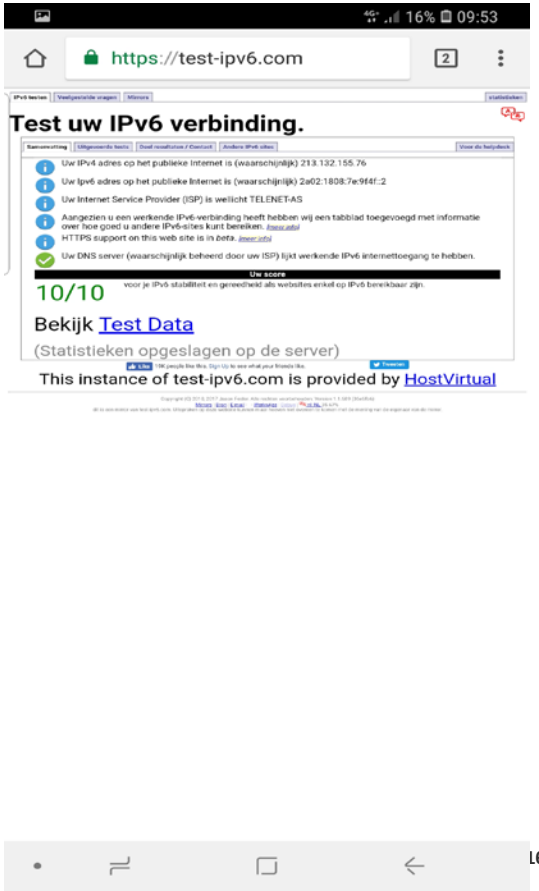




Screenshots







Status

- **First in Belgium** making it available on LIVE mobile network (on Telenet APN only)
- Dual stack approach
- Roughly 14% of our active users have dual stack enabled **today (android only)**
- No exact rollout date set yet, but configurable for Android users today on the Telenetwap APN only.

Dual Stack approach

- Why ?
- Android vs IOS
- Testing
- …

Q & A

Thank you!