Net Neutrality Measurements: Regulatory Use Case and Problem Statement

IETF#100 maprg
European net neutrality legislation

- European open internet regulation also known as *Telecommunications Single Market (TSM) Regulation*
  - Net Neutrality obligations came into force 30.4.2016
  - **BEREC guidelines** were given 30.8.2016

- What does it mean for?
  - end-users: right to use and provide applications
  - ISPs: shall treat all traffic equally (with few exceptions)
  - regulators: need to monitor and supervise

- For more details check my [IETF#97 presentation](#)
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ID describes a regulatory use case for net neutrality measurements

» **Goal**: to give sufficient details for developing the actual net neutrality measurement metrics

» **Describes**: the problem statement regarding monitoring and supervising the net neutrality obligations.

» **Use cases**: measuring IAS performance and detecting traffic management practices that impact individual applications

» **Also important**: to detect end-user dependent factors that may impact the measurement results

My draft can be found from:

Developing a net neutrality measurement tool

- BEREC has started the development of a net neutrality measurement tool:
  - Preparation of tender starting now
  - Launch of tender planned early 2018
  - Development project starting 2018
  - Development project finalizing 2019

- Tool can be used to measure QoS of IAS subscription (e.g. speed) + some parameters
The latest BEREC documents

- **Net neutrality regulatory assessment methodology**
  - Providing a standardized measurement methodology for Internet access services
  - Support implementation of the European net neutrality Regulation
  - Methodology is also used for BEREC net neutrality measurement tool

- **Net neutrality measurement tool specification**
  - Measuring Internet access service quality (mobile/fixed)
  - Assisting in the detection of different potential net neutrality issues
  - Crowdsourced measurement setup / user-initiated measurements