draft-ietf-bmwg-network-tester-cfg-01

A YANG Data Model for Network Tester Management

IETF115, BMWG meeting

Draft status

- Work in progress
- No outstanding issues rised on the list
- Running code with significant yet not full coverage of the model features (multistream, modifiers, etc.)

Draft changes -00 to -01

1. Added **modifiers** - dynamic data field update functionality to the generator model and example configuration where **action** type (*increment*, *decrement* or *random*), **offset**, **mask** and **repetitions** count can be configured.

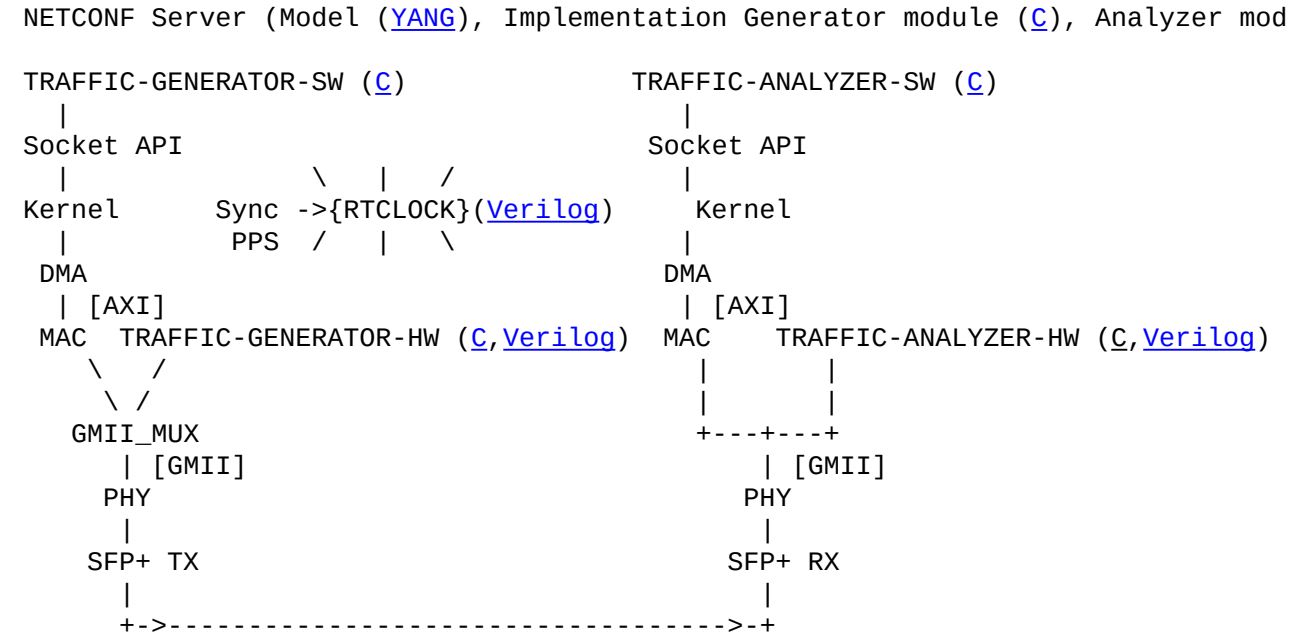
2. Removed the Ethernet specific static data fields src-mac-address, dst-mac-address and ether-type from the generator model. Those can be configured with the general frame-data mechanism.

3. Editorial changes proposed on the mailing-list now applied.

Hackathon

- Added support for single stream single modifier (16 bit) to the software only implementation (RFC2889 benchmark in python as validation usecase)
- Resolved YANG/NETCONF toolchain issues – python3 transition, Debian packaging etc.

Design and implementation



* - underlined text is hyperlink to repository

The end