



None

Release draft (32a7428)

OPNFV

August 14, 2016

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This section provides a summary of the features implemented to date and their relevant upstream projects.

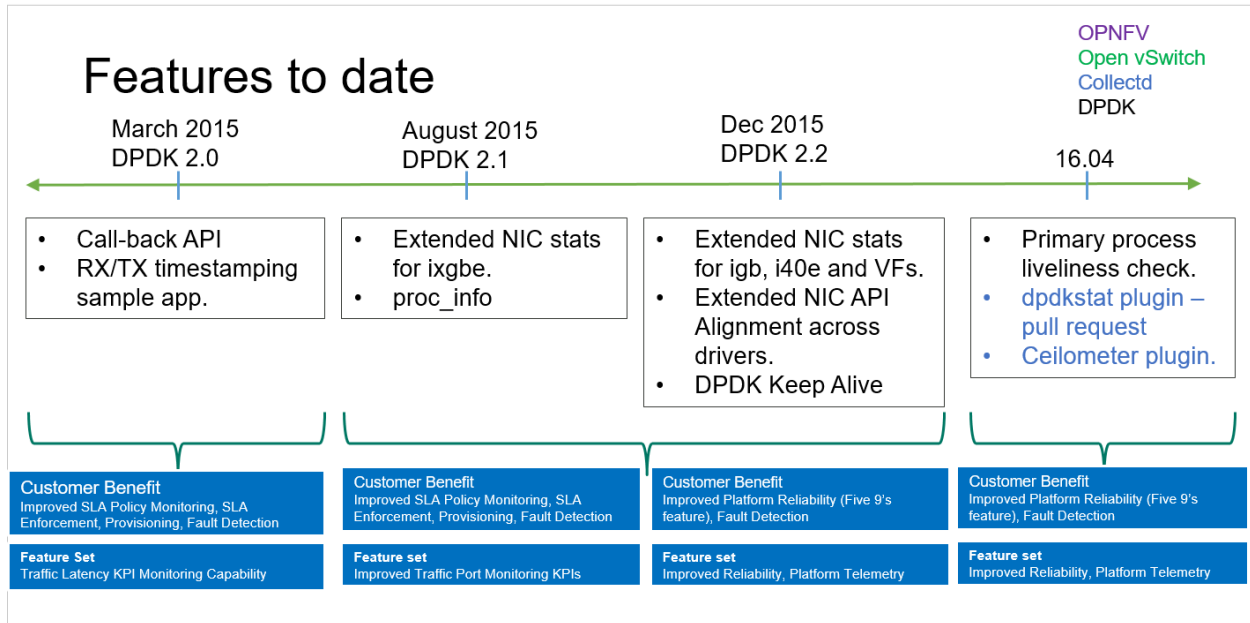


Fig. 1: SFQM features to date

Please note the timeline denotes DPDK releases.

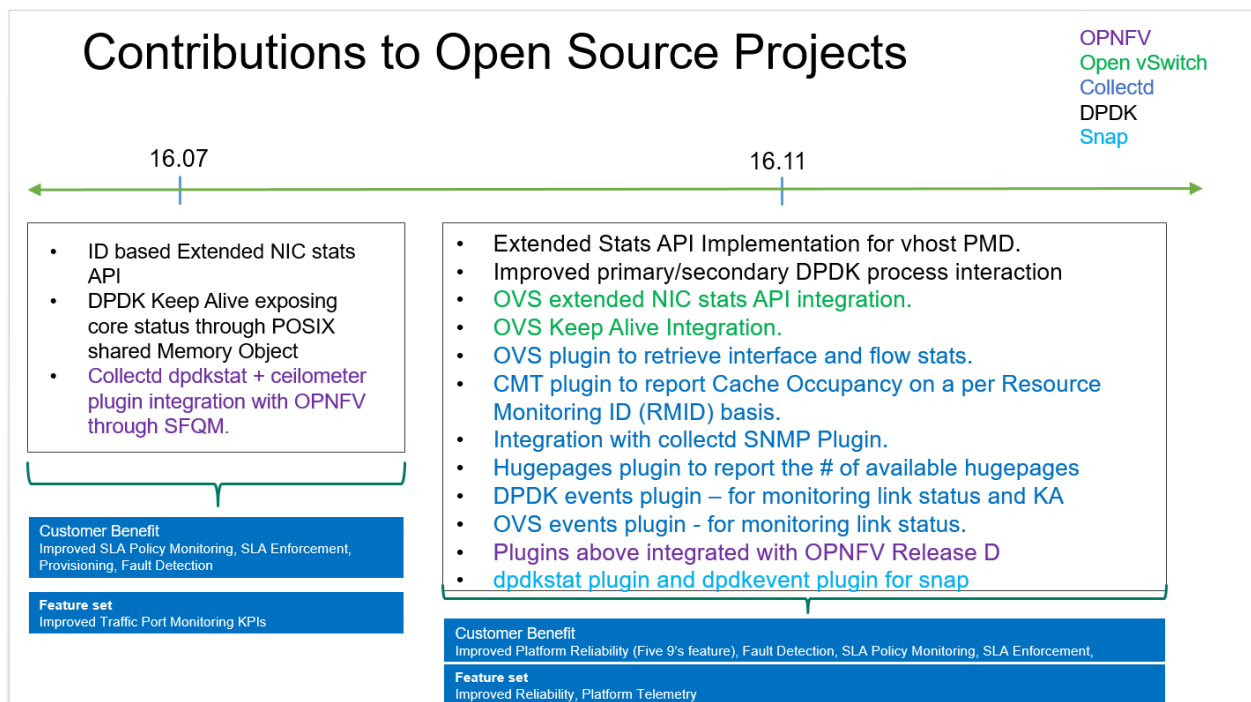


Fig. 2: SFQM features to date cont.

The features implemented for OPNFV release B in DPDK include:

- Callback API to enable TX/RX timestamping to measure latency through DPDK.
- Extended NIC statistics API for 1GB, 10GB and 40GB NICs to expose detailed statistics for DPDK interfaces in addition to the overall aggregate statistics.
- DPDK Keep Alive.

RELEASE C

The features implemented for OPNFV release C include:

- DPDK extended NIC stats API improvement; migrate from key value pairs to using id value pairs.
- DPDK Keep Alive improvement, so that core status is exposed through a posix shared memory object.
- collectd dpdkstat plugin that can retrieve DPDK interface statistics.
- collectd ceilometer plugin that can publish any statistics collected by collectd to ceilometer.
- Fuel plugin support for the collectd ceilometer plugin for OPNFV.