Draft Status

- draft-ietf-bmwg-mlrsearch-01 posted on 12\textsuperscript{th} July 2021
- More reviews and comments are welcome
Draft changes -00 to -01

- Updates in **Terminology** section
- Updates in **MLRsearch Overview** and **Sample Implementation** sections
  - Reflected updated algorithm fully supporting search for multiple rates associated with different packet loss ratios
- Updated **Example MLRsearch Run** section
  - More description for each MLRsearch phase and measurement to make it easier to follow
- Other minor editing nits
MLRsearch Sample Implementation

• A working implementation of MLRsearch is in Linux Foundation FD.io CSIT project.
  • Used for continuous measurements of NDR and PDR rates of:
    • FD.io VPP
    • DPDK L3fwd
    • DPDK Testpmd
  • Testing methodology
    • https://docs.fd.io/csit/rls2106/report/introduction/methodology_data_plane_throughput/index.html
  • Sample throughput results:
  • FD.io CSIT project info:
    • https://wiki.fd.io/view/CSIT
  • FD.io CSIT source code:
    • https://git.fd.io/csit/
• Updated MLRsearch Python package published on PyPI:
  • MLRsearch 0.4.0: Considerable logic improvements, more than two target ratios supported. API is not backward compatible with previous versions.
    • https://pypi.org/project/MLRsearch/