

draft-ietf-bmwg-mlrsearch-01

IETF-111 Online BMWG Meeting

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Draft Status

- draft-ietf-bmwg-mlrsearch-01 posted on 12th 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:
 - https://docs.fd.io/csit/rls2106/report/vpp_performance_tests/packet_throughput_graphs/index.html
 - 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/>