

Datagram PLPMTUD for UDP Options

draft-fairhurst-tsvwg-udp-options-dplpmtud-03

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- DPLPMTUD for UDP Options
 - Confirmation of Connectivity across a Path
 - Sending UDP-Options Probe Packets
 - Validating the Path with UDP Options
 - PTB Message Handling for this Method
- Intended as a template for other drafts that need to describe how to support DPLPMTUD
- 7 pages + appendices

Changes since draft-fairhurst-tsvwg-udp-options-dplpmtud-02

- Updated to represent published RFC8899
- Rewrote text on:
 - sending method
 - probe construction
 - path validation
 - ICMP and security considerations

Implementations

- We have two implementations of UDP Options that integrated DPLPMTUD
 - Scapy based tooling and test suite:
 - <https://github.com/uaaerg/udpoptions-tools>
 - FreeBSD Kernel Implementation
 - <https://github.com/adventureloop/freebsd/tree/thj/udpoptions-dplpmtud>
 - contact us if interested, or you have/plan an implementation!

Next Steps - Adoption?

DPLPMTUD has been published as RFC8899

udp-options-dplpmtud seems mature (to us)

Will TSVWG adopt the current topic?
(e.g. for publication as a PS?)