



# UDP Options

ETF 106 – Nov2019

Joe Touch  
[strayalpha.com](http://strayalpha.com)

November 16, 2019

[www.strayalpha.com](http://www.strayalpha.com)

# -08 update (Sep 2019)

- Changes

- No longer experimental

- Additions

- Extended format allowing >255 byte options
- Post-options MUST be zero (no side channel)
- OCS is 16-bit over surplus area (not just opts)
- ACS is 32-bit CRC32c (like iSCSI, SCTP)

# Issues posted Sep 2019

- PADN vs PAD
  - Supported by multiple PADs and EOL
- Flag for “must support”
  - Supported with pre & post reassembly opts i.e., when data is in opt (LITE+FRAG)
- Call for use cases was unanswered
  - No motivating cases shown

# Path forward

- Pending update: LITE/FRAG integration
  - LITE+FRAG to be supported
  - LITE alone to be removed
  - FRAG alone to be removed