Transport Options for UDP

draft-ietf-tsvwg-udp-options-19
(WG Chair Summary)

IETF TSVWG, Yokohama March 2023
WGLC Feedback

• WGLC in Jan 2023 for Proposed Standard

• Completed that WGLC and returned to WG for revision:
  • Detailed review and follow-up from Magnus & Colin
  • Other comments and follow-up discussion on-list
  • INTAREA early review

• Thanks!!!
Three Basic Issues

Fragmentation DOS (whether to push for one structure or another)
- Joe will figure-out a better account for "DOS" acronym;
- Joe prefers leaving DOS option to place options up front, like true fragmentation
- Mike Heard called for rollback on that.

Encryption
- Joes wishes to keep as a specific example
- avoid down-ref by “reserving” codepoint for encryption, rather than “assigning"

Authentication (arguably very close to TCP-AO)
- Could do the same (reserve it rather than assign it)
- Joe thinks this is much more mature by corollary to TCP-AO
- Could require replay ID starting values are coordinated out-of-band, similar to TCP

WG to decide whether a separate doc specifies the HMAC and session key
Next Steps

- Revise to resolve issues
- Resolve any future issues
- Encryption/Auth concerns and dependencies raised
  - Need a proposal
- No security review yet
- Request final WGLC!