UDP Usage Guidelines for Application Designers

draft-ietf-tsvwg-udp-guidelines-05

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History & Content

- guidelines to the designers of applications and application-layer protocols that use unicast UDP

- review feedback has resulted in one revision since IETF-70

- **Contents   Changes from -04**
    - 3.1   Congestion Control Guidelines   clarify CC for UDP tunneling
    - 3.2   Message Size Guidelines   clarify fragmentation & IPv4/IPv6
    - 3.3   Reliability Guidelines
    - 3.4   Checksum Guidelines
    - 3.5   Middlebox Traversal Guidelines   basically unchanged (modulo editorial changes)
    - 3.6   Programming Guidelines
    - 3.7   ICMP Guidelines
    - 4.   Security Considerations   clarify options for securing UDP payloads (based on sec-dir review)

Status

- all review comments on -04 seem to have been addressed

- tiny remaining issue: should the draft in some way suggest RTP for media transport, and SRTP for securing it?

- have received a set of suggested editorial changes, will address those

- but basically, the authors think this is done – what now?

- **thank you, reviewers!**
  Paul Aitken, Mark Allman, Francois Audet, Iljitsch van Beijnum, Stewart Bryant, Remi Denis-Courmont, Wesley Eddy, Sally Floyd, Alfred Hoenes, Jeffrey Hutzelman, Cullen Jennings, Tero Kivinen, Philip Matthews, Joerg Ott, Colin Perkins, Tom Petch, Carlos Pignataro, Pasi Sarolahti, Pascal Thubert, Joe Touch and Magnus Westerlund