

# UDP Usage Guidelines for Application Designers

draft-ietf-tsvwg-udp-guidelines-05

Lars Eggert & Gorrry Fairhurst

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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
    - 3.2 Message Size Guidelines
    - 3.3 Reliability Guidelines
    - 3.4 Checksum Guidelines
    - 3.5 Middlebox Traversal Guidelines
    - 3.6 Programming Guidelines
    - 3.7 ICMP Guidelines
    - 4. Security Considerations
- clarify CC for UDP tunneling  
clarify fragmentation & IPv4/IPv6
- } basically unchanged  
(modulo editorial changes)
- 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