TSVWG
IETF-114 (Phila.)

July 2022

Gorry Fairhurst
Wes Eddy
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WG chairs
Note Well

This is a reminder of IETF policies in effect on various topics such as patents or code of conduct. It is only meant to point you in the right direction. Exceptions may apply. The IETF's patent policy and the definition of an IETF "contribution" and "participation" are set forth in BCP 79; please read it carefully.

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Definitive information is in the documents listed below and other IETF BCPs. For advice, please talk to WG chairs or ADs:

BCP 9 (Internet Standards Process)
BCP 25 (Working Group processes)
BCP 25 (Anti-Harassment Procedures)
BCP 54 (Code of Conduct)
BCP 78 (Copyright)
BCP 79 (Patents, Participation)
HELP TSVWG!

- Need a Note Taker
- Need reviewers for WG drafts

- Future TSVWG Authors:
  PLEASE add “-tsvwg-” to any ID submitted
Meetecho

• Please use Meetecho mic queue:
  – Click “hand” icon to join mic queue
  – Please do not use “mic” icon until asked by chairs
Document Review Request

• Document quality relies on reviews.

• If you’d like documents that you care about reviewed, please put the effort in to review other documents.

Some up-coming IDs needing review:
- UDP Options
- Multipath DCCP
TSVWG Accomplishments and Status

1 RFC published since IETF 113
   • RFC 9260 SCTP (4960.bis)

No drafts at RFC Editor

L4S drafts have completed IETF Last Call
   • L4S Architecture
   • L4S Identifier (ECN)
   • L4S AQM (dualq-coupled)
TSVWG Status

2 drafts with WG chairs & authors after WG Last Call:
  • ECN Encapsulation for Lower Layer Protocols
    • Agreement on revised reframing interaction text
    - Revised draft coming soon
  • ECN for Tunnels that use Shim Headers
    • No open issues – fragmentation issue resolved
  • RFC publication requests for both drafts: coming soon
    • (after revised draft posted)

1 draft has just completed WG Last Call
  • Assigning a new Recommended DSCP
Remaining Working Group IDs

1) *L4S Operational Guidance
2) *Non-Queue-Building (NQB) PHB
3) UDP Options
4) DPLPMTUD for UDP Options
5) DTLS/SCTP
6) SCTP NAT (expired)
7) *Multipath DCCP

3 *’d drafts: on TSVWG agenda
• Other 4 drafts: status review during milestone update
TSVWG: Related IDs

• User Ports for Experiments
  – draft-touch-tsvwg-usr-exp
  – On TSVWG agenda

• Enhanced Port Forwarding functions with CGNAT
  – draft-chan-tsvwg-eipf-cgnat
  – On TSVWG agenda

• SLC FEC for FECFRAME
  – draft-wang-tsvwg-sw-slc-fec-scheme
  – Post to list or talk to chairs if interested
Two WG milestones about to be achieved:

- April 2022  Submit 'Guidelines for Adding Congestion Notification to Protocols that Encapsulate IP' as a BCP RFC
- April 2022  Submit 'Propagating Explicit Congestion Notification Across IP Tunnel Headers Separated by a Shim as a PS RFC

Additional 2022 WG milestones:

- May 2022  Submit "Transport Options for UDP" as a PS RFC
- May 2022  Submit "Datagram PLPMTUD for UDP Options” as a PS RFC
- Sep 2022  Submit NQB PHB as a PS RFC
- Sep 2022  Submit “SCTP NAT Support” as a PS RFC
- Dec 2022  Submit “Considerations for Assigning a new Recommended DSCP” as an INFO RFC
WG Milestones Review (2023)

- March 2023 Submit "DTLS over SCTP" as a PS RFC
- July 2023 Submit "DCCP Extensions for Multipath Operation with Multiple Addresses “ as an EXP RFC
- July 2023 Submit "Operational Guidance for Deployment of L4S in the Internet” as an INFO RFC
1. Agenda – These slides
   Milestones review

2. Chairs Update – These slides
   ECN encapsulation drafts status
   L4S drafts status
   Active WG drafts status

3. Working Group Drafts:
   3.1 Markus Amend: Multipath DCCP
       draft-ietf-tsvwg-multipath-dccp
   3.2 Ana Custura/Gorry Fairhurst: DSCP Considerations
       draft-tsvwg-dscp-considerations
   3.3 Greg White: NQB (DSCP usage discussion)
       draft-ietf-tsvwg-nqb
   3.4 Greg White: L4S Interop Update
       (related to L4S drafts)
TSVWG Agenda (part 1)

4. Individual Drafts
   4.1 TSVWG Chairs: User Ports for Experiments
draft-touch-tsvwg-usr-exp

   4.2 Louis Chen: Enhanced Port Forwarding functions with CGNAT
draft-chan-tsvwg-eipf-cgnat

   4.3 (if time permits) Peng Liu: Computing-Aware Networking(CAN) drafts
draft-li-dyncast-architecture
draft-liu-can-computing-resource-modeling
draft-liu-dyncast-gap-reqs
draft-liu-dyncast-ps-usecases

5. All Other Business (if time permits)
TSVWG Leadership Update