TSVWG
IETF-117 (San Francisco, USA)

July 2023

Gorry Fairhurst
Marten Seeman
WG Chairs
Note Well

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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)
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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
TSVWG Accomplishments and Status

Drafts published as RFCs since IETF-116

- DSCP Considerations as RFC 9435

1 draft with RFC Ed
  - None

With IESG after IETF Last Call
  - None
TSVWG Status

2 drafts with WG chairs & authors after 1st WG Last Call:
• ECN Encapsulation for Lower Layer Protocols
  • Working through revised reframing interaction text
• ECN for Tunnels that use Shim Headers
  • No open issues – fragmentation issue resolved

3 drafts completed a 1st WG Last Call and with the WG:
• UDP Options
• DPLPMTUD for UDP Options
• Non-Queue-Building (NQB) PHB

• These drafts received detailed comments
• Another WGLC will be scheduled
Remaining Working Group IDs

L4S Operational Guidance

DTLS/SCTP

User Ports for Experiments

Multipath DCCP (intended status PS)

Careful Resume (intended status PS)
WG Milestones (updated)

Jul 2024 "Careful convergence of congestion control from retained state" as a PS RFC

Nov 2024 "Operational Guidance for Deployment of L4S in the Internet" as an Info RFC

Dec 2023 "DCCP Extensions for Multipath Operation with Multiple Addresses" as an PS RFC

Dec 2023 "A Non-Queue-Building Per-Hop Behavior (NQB PHB) for Differentiated Services" as PS RFC

Sep 2023 "Transport Options for UDP" as a PS RFC

Sep 2023 "Datagram PLPMTUD for UDP Options" as a PS RFC

Apr 2023 'Propagating Explicit Congestion Notification Across IP Tunnel Headers Separated by a Shim' as a PS RFC

Apr 2023 'Guidelines for Adding Congestion Notification to Protocols that Encapsulate IP' as a BCP RFC

Mar 2023 "DTLS over SCTP" as a PS RFC
Related Individual Drafts

**Transport service:** draft-asai-tsvwg-transport-review
draft-evans-discardclass
draft-mathis-tsvwg-safec **
draft-fairhurst-ccwg-cc **
SCTP-related drafts discussed later

**Traffic marking:** draft-reddy-tsvwg-explicit-signal-01 *
draft-kaippallimalil-tsvwg-media-hdr-wireless *
draft-ietf-opsawg-tsvwg-udp-ipfix *
draft-meng-tsvwg-service-agnostic-dscp
draft-joras-sadcdn
draft-daiya-tsvwg-udp-options-protocol-number *

**ECN:** draft-duke-tsvwg-ecn-aggregating-tunnels
draft-shi-ccwg-advanced-ecn

**NAPT:** draft-chan-tsvwg-eipf-cgnat

* Depends upon UDP Options

** Proposed in CC WG
TSVWG Agenda (Session 1)

1: WG Status and draft updates - chairs (15 minutes)

2. Chairs: Using GitHub for tracking adopted WG items (10 mins)

3. Individual Drafts
   3.1 John Kaippallimalil: metadata for a media packet (15 mins) - new work
      draft-kaippallimalil-tsvwg-media-hdr-wireless

4. Transport:
   4.1 UDP Options (15 mins)
      4.1.1 Joe Touch*: UDP Options
         draft-ietf-tsvwg-udp-options
         - Security Options, Post WGLC Issues
      4.1.2 Gorry Fairhurst/Tom Jones: DPLPMTUD for UDP Options
         draft-ietf-tsvwg-udp-options-dplpmtud
TSVWG Agenda (Session 2)

5. Agenda recap and notices (10 mins)

6. Transport: Multipath and CC
   6.1 Nicolas Kuhn/Gorry Fairhurst*: Careful resumption of CC (15 mins)
      draft-ietf-tsvwg-careful-resume
   6.2 Markus Ahmed: MP-DCCP (15 mins)
      draft-ietf-tsvwg-multipath-dccp

7. SCTP Drafts
   7.1 Magnus Westerlund: DTLS in SCTP (20 mins)
      draft-westerlund-tsvwg-sctp-crypto-chunk-00
      draft-westerlund-tsvwg-sctp-crypto-dtls-00
      Intended to replace: draft-ietf-tsvwg-dtls-over-sctp-bis-05
   7.2 Michael Tuexen: Zero Checksum for SCTP (10 mins)
      draft-ietf-tsvwg-sctp-zero-checksum
   7.3 Michael Tuexen: SCTP/UDP 6951.bis (5 mins)
      draft-tuexen-tsvwg-rfc6951-bis
TSVWG Agenda (Session 2 part 2)

8. ECN & L4S Drafts

8.1 Jason Livingood: L4S Experience (10 mins)

8.2 Greg White: L4S Operational Guidance (10 mins)
draft-ietf-tsvwg-l4sops

8.3 Greg White: NQB - has issues (10 mins)
draft-ietf-tsvwg-nqb

9. Individual Drafts

9.1 Dan Wing: Encrypted Transport Protocol Path Explicit Signals (15 mins) - new work
draft-reddy-tsvwg-explicit-signal

10. Any Other Business (If time permits)