

# TSVWG

## IETF-117 (San Francisco, USA)

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WG Chairs

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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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**I E T F**

# 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 1<sup>st</sup> 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-safecc \*\*  
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)