

# TSVWG

## IETF-112 (virtual)

November 2021

Gorry Fairhurst  
Wes Eddy  
David Black  
WG chairs (all remote!)

# 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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**I E T F**

# HELP TSVWG!

- Need a Note Taker
- Need a scribe for Jabber session
- 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  
Various DSCP Specs

# TSVWG Accomplishments and Status

0 RFCs published since IETF 111

1 ID at IESG (after IETF Last Call)  
SCTP.bis (RFC 4960.bis)

1 ID returned to WG (Revised ID needed)  
SCTP NAT Support

# TSVWG Status

5 IDs with WG chairs & authors after WGLC

- ECN Encapsulation for Lower Layer Protocols
  - Need to replace reframing interaction text
- ECN for Tunnels that use Shim Headers
  - No open issues – fragmentation issue resolved
- L4S Architecture
- L4S Identifier (ECN)
- L4S AQM (dualq-coupled)
  - Follow-Up after WGLC - to be discussed

# Remaining Working Group IDs

- 1) L4S Operational Guidance
- 2) Non-Queue-Building (NQB) PHB
- 3) UDP Options
- 4) DPLPMTUD for UDP Options (new work)
- 5) DTLS/SCTP (new IPR disclosure)
- 6) Diffserv Default DSCP Selection (recently adopted)
- 7) Multipath DCCP (recently adopted)



# WG Milestones Review (1)

- **April 2022**     **Submit NQB PHB as a PS RFC**
- **May 2022**     **Submit "Transport Options for UDP" as a PS RFC**
- **May 2022**     **Submit " DDPLPMTUD for UDP Options" as a PS RFC**

## **New work, Milestones to be agreed:**

- **MP-DCCP as EXP RFC**
- **DTLS/SCTP as PS RFC**
- **Considerations for Assigning a new DSCP**

# WG Milestones Review (2)

## Drafts in Follow-Up after WGLC (with consensus, Shepherd Follow-Up)

- **Jun 2021**      **Submit 'Guidelines for Adding Congestion Notification to Protocols that Encapsulate IP' as a BCP RFC**
- **Jun 2021**      **Submit 'Propagating Explicit Congestion Notification Across IP Tunnel Headers Separated by a Shim as a PS RFC**

## Drafts in Follow-Up after WGLC (To be revised after WGLC - see agenda)

- **Oct 2021**      **Submit "DualQ Coupled AQM for L4S" as an EXP RFC**
- **Oct 2021**      **Submit "Modified ECN Semantics for L4S" as an EXP RFC**
- **Oct 2021**      **Submit L4S Architecture as an INFO RFC**

# WG Liaisons & Announcements

## **No Liaisons updates:**

WBA Liaison Request - (DSCP/5QI mapping) David

3GPP Liaison Request - (SCTP & DTLS) Gorry

GSMA Liaison Request - (Multipath DCCP) Gorry

## **Work related to other WGs:**

Maintenance of TRAM WG RFCs

## **New proposed work that might be related to this WG:**

draft-piroux-tcpls (See TCPM)

draft-romo-iccr-g-ccid5 (Please discuss on ICCRG list)

# Agenda for Session I Monday

1. Agenda - These slides

2. Chairs Update

2.1 Martin Duke: IETF Code of Conduct

3. Transport WG Drafts: ECN

3.1 Wes Eddy update on outcome of L4S WGLC

3.2 Bob Briscoe: L4S ECN drafts - Update and aspects being worked upon

draft-ietf-tsvwg-ecn-l4s-id

draft-ietf-tsvwg-l4s-arch

draft-ietf-tsvwg-aqm-dualq-coupled

3.3 Greg White: L4S Operational Guidance draft-white-tsvwg-l4sops

If time permits:

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

# Agenda for Session II Friday

## 4. Agenda Review (5 mins)

Chairs/Michael Tuexen: Key updates since WGLC of RFC4960.bis

## 5. Transport : SCTP

5.1 Michael Tuexen: NAT for SCTP draft-ietf-tsvwg-natsupp (returned to WG)

5.2 Magnus Westerlund: RFC6083.bis draft-ietf-tsvwg-dtls-over-sctp-bis

## 6. Transport : UDP

6.1 Joe Touch: UDP Options draft-ietf-tsvwg-udp-options

6.2 Tom Jones: dplpmtud for UDP Options draft-ietf-tsvwg-udp-options-dplpmtud

## 7. Transport : DCCP

7.1 Multipath DCCP draft-ietf-tsvwg-multipath-dccp

## 8. Differentiated Services

8.1 Greg White: NQB draft-ietf-tsvwg-nqb - if not taken on day 1

8.2 Ana Custura: DSCP Considerations draft-ietf-tsvwg-dscp-considerations

## 9. All Other Business ( if time permits)