TSVWG
IETF-112 (virtual)

November 2021

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

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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)
https://www.ietf.org/privacy-policy/ (Privacy Policy)
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-piraux-tcplts (See TCPM)
- draft-romo-iccrg-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)