TSVWG
IETF-113 (Vienna)

March 2022

Gorry Fairhurst
Wes Eddy (remote)
David Black (remote)
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
  DSCP Considerations
TSVWG Accomplishments and Status

0 RFCs published since IETF 112

1 ID at RFC Editor (to be published soon)
   SCTP.bis (RFC 4960.bis)
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
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
7) Assigning a new Recommended DSCP
8) Multipath DCCP
WG Milestones Review (1)

- May 2022  Submit "Transport Options for UDP" as a PS RFC
- May 2022  Submit "DPLPMTUD for UDP Options" as a PS RFC
- Sep 2022  Submit NQB PHB as a PS RFC

New work, Milestones with AD awaiting approval:

- 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)

• 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

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

• June 2022 Submit "DualQ Coupled AQM for L4S" as an EXP RFC

• June 2022 Submit "Modified ECN Semantics for L4S" as an EXP RFC

• June 2022 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

New proposed work:

- draft-romo-iccrg-ccid5 (Please discuss on ICCRG list)
Agenda for Session I Monday

1. Agenda - These slides
   - Milestones review
   - Liaisons updates

2. Chairs Update
   - ECN encapsulation drafts status
   - L4S drafts status

3. Transport WG Drafts: SCTP & L4S
   3.1 Michael Tuexen: NAT for SCTP
      - draft-ietf-tsvwg-natsupp (returned to WG)
   3.2 Magnus Westerlund: DTLS over SCTP - RFC6083.bis
      - draft-ietf-tsvwg-dtls-over-sctp-bis
   3.3 Greg White: L4S Operational Guidance
      - draft-white-tsvwg-l4sops
Agenda for Session II Friday

4. Agenda Review (5 mins)

5. Transport : DCCP
   5.1 Markus Amend: Multipath DCCP
       draft-ietf-tsvwg-multipath-dccp

6. Differentiated Services
   6.1 Greg White: NQB
       draft-ietf-tsvwg-nqb
   6.2 Ana Custura: DSCP Considerations
       draft-tsvwg-dscp-considerations

7. Transport : UDP
   7.1 Tom Herbert: Checksum Offload
       presentation only
   7.2 Joe Touch: UDP Options
       draft-ietf-tsvwg-udp-options
   7.3 Tom Jones: dplpmtud for UDP Options
       draft-ietf-tsvwg-udp-options-dplpmtud

8. All Other Business ( if time permits)