

TSVWG

(interim-2020-tsvwg-02)

Wed 8th April 2020

Gorry Fairhurst (remote)

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)

<https://www.ietf.org/privacy-policy/> (Privacy Policy)



I E T F

Remote Interim Instructions

- Join the interim meeting via webex
- You MUST add your name to Etherpad (Blue Sheets)
- Use Jabber for remote chat
 - <https://www.ietf.org/how/meetings/jabber/>

- Lots of information on how to do this:
 - <https://www.ietf.org/how/meetings/107/session-participant-guide/>

To speak during the session

- MUTE your mic
- The session chairs will TRY to manage the order of the queue (potentially with the help of a volunteer) to call on people.
 - Use the Webex chat to send a message “+q” to everyone.
 - Webex chat SHOULD only be used for the queue
 - We will not be using the “raise hand” functionality in Webex.
 - When asked, UNMUTE and say your FULL NAME and then talk.
- To leave before you speak, send “-q” to everyone in the Webex chat
- See: <https://www.ietf.org/how/meetings/107/session-participant-guide/>

HELP TSVWG!

- This meeting:
 - Need a Note Taker in Etherpad
 - Need a scribe for Jabber session
 - Need a queue-watcher for questions (webex)
- Drafts:
 - Need reviewers for WG drafts
 - Future TSVWG Authors:
PLEASE add “-tsvwg-” to any ID submitted

TSVWG Accomplishments and Status

3 RFCs published since IETF 106

- RFC 8680 (was draft-ietf-tsvwg-fecframe-ext) (Jan 2020)
- RFC 8681 (was draft-ietf-tsvwg-rlc-fec-scheme) (Jan 2020)
- RFC 8682 (was draft-ietf-tsvwg-tinymt32) (Jan 2020)

1 Internet-Drafts (IDs) in AURH-48:

- Diffserv and Web RTC QoS (ebRTC cluster 23)

No Internet-Drafts (ID) in RFC Editor Queue:

- None

TSVWG Accomplishments and Status

1 ID at IESG

- Datagram PL Path MTU Discovery

3 IDs with WG chairs & authors after WGLC

- ECN Encapsulation for Lower Layer Protocols
- ECN for Tunnels that use Shim Headers
 - New fragmentation interaction text needed
- Transport Header Confidentiality Impacts
 - Revised draft needed after another WGLC

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TSVWG Accomplishments and Status

1 IDs in WG Last Call

- draft-ietf-tcpm-rto-consider (Joint TCPM)

2 IDs likely to go to WG Last Call soon:

- SCTP NAT Support
- SCTP: 4960bis

Next steps for L4S drafts will be discussed in second Interim meeting

TSVWG Accomplishments and Status

Working Group IDs

- 1) SCTP NAT Support
- 2) SCTP (RFC 4960bis)
- 3) L4S Architecture
- 4) L4S Identifier (ECN)
- 5) L4S AQM (dualq-coupled)
- 6) Non-Queue-Building (NQB) PHB
- 7) UDP Options
- 8) Tunnel Congestion Feedback

TSVWG: Related Drafts

SOCKS Protocol Version 6

draft-olteanu-intarea-socks-6

Reassignment of System Ports to the IESG

draft-kuehlewind-system-ports (Non-WG ID)

Individual Drafts (For full list, see tracker*)

draft-amend-tsvwg-multipath-dccp

draft-even-tsvwg-datacenter-fast-congestion

draft-fairhurst-tsvwg-cc

draft-fairhurst-tsvwg-udp-options-dplpmtud

draft-li-tsvwg-loops-problem-opportunities

draft-proshin-tsvwg-sctp-rtx-bit

draft-tuexen-tsvwg-sctp-multipath

draft-morton-tsvwg-codel-approx-fair

draft-morton-tsvwg-sce

etc.

*PLEASE add “-tsvwg-” to any ID submitted

WG Milestones Review (1)

Jan 2020

Guidelines for Adding Congestion Notification to Protocols that Encapsulate IP as a BCP RFC [draft-ietf-tsvwg-ecn-encap-guidelines](#)

Apr 2020

The Impact of Transport Header Confidentiality on Network Operation and Evolution of the Internet as an Info RFC [draft-ietf-tsvwg-transport-encrypt](#)

Packetization Layer Path MTU Discovery for Datagram Transports as a PS RFC [draft-ietf-tsvwg-datagram-plpmtud](#)

SCTP NAT Support' to IESG for consideration as a PS RFC [draft-ietf-tsvwg-natsupp](#)

Jun 2020

Transport Options for UDP as a PS RFC [draft-ietf-tsvwg-udp-options](#)

Jul 2020

Propagating Explicit Congestion Notification Across IP Tunnel Headers Separated by a Shim as a PS RFC [draft-ietf-tsvwg-rfc6040update-shim](#)

WG Milestones Review (2)

Sep 2020

Submit "Stream Control Transmission Protocol" aka RFC4960.bis as a PS RFC [draft-ietf-tsvwg-rfc4960-bis](#)

Oct 2020

Submit "Identifying Modified Explicit Congestion Notification (ECN) Semantics for Ultra-Low Queuing Delay" as an EXP RFC [draft-ietf-tsvwg-ecn-l4s-id](#)

Submit "DualQ Coupled AQM for Low Latency, Low Loss and Scalable Throughput" as an EXP RFC [draft-ietf-tsvwg-aqm-dualq-coupled](#)

Submit "Low Latency, Low Loss, Scalable Throughput (L4S) Internet Service: Architecture" as an Info RFC [draft-ietf-tsvwg-l4s-arch](#)

Dec 2020

Submit "A Non-Queue-Building Per-Hop Behavior (NQB PHB) for Differentiated Services" as a PS RFC [draft-ietf-tsvwg-nqb](#)

Tunnel Congestion Feedback as an Info RFC [draft-ietf-tsvwg-tunnel-congestion-feedback](#)

Apr 2020

Agenda for #1

Wed 8th April 2020

1. Agenda (5 mins)

2. Chairs Update: (10 mins)

Note Well

Chairs: Announcements and Heads-Up

3. L4S and ECN

Chairs: Plan for 2nd Interim

4. SCTP Drafts

4.1 Michael Tuexen: bis update two SCTP Spec (10 mins)

4.2 Michael Tuexen: NAT for SCTP (Preparing for WGLC) (10 mins)

5. Transport Working Group Drafts: Protocols

5.1 Joe Touch (proxy/remote): UDP Options (5 mins) - Plans to revise

5.2 Greg White: Identifying and Handling NQB Flows (10 mins) - DSCP?

6. Individual Drafts

6.1 Martin Duke: Network Address Translation Support for QUIC (10 mins)

6.2 Jerome Henry: QCI and Diffserv API (10 mins)

Agenda for Interim #2

Mon 27th April 2020

1. Agenda (5 mins)

2. Chairs Update: (10 mins)

Note Well

Chairs: Announcements and Heads-Up

3. L4S and ECN

ECT(1) usage

Agreeing on the Decision to be Made

What is the goal of this WG in 2020?

Friendly Coexistence with Competing Traffic

Experimental Deployment

RFC-Series and ECT(1)

4. Chair's Summary of Position

Recap!

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