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.

As a reminder:

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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)
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
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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