

TSVWG

IETF-87 (Berlin)

29th July 2013

Gorry Fairhurst

David Black

James Polk (I'm a ghost this meeting)

WG chairs

Note Well

This summary is only meant to point you in the right direction, and doesn't have all the nuances. The IETF's IPR Policy is set forth in BCP 79; please read it carefully.

The brief summary:

- ❖ **By participating with the IETF, you agree to follow IETF processes.**
- ❖ **If you are aware that a contribution of yours (something you write, say, or discuss in any IETF context) is covered by patents or patent applications, you need to disclose that fact.**
- ❖ **You understand that meetings might be recorded, broadcast, and publicly archived.**

For further information, talk to a chair, ask an Area Director, or review the following:

BCP 9 (on the Internet Standards Process)

BCP 25 (on the Working Group processes)

BCP 78 (on the IETF Trust)

BCP 79 (on Intellectual Property Rights in the IETF)

Other Notes

- Need a Note Taker
- Need a scribe for Jabber session
- Future TSVWG Authors:
PLEASE add “-tsvwg-” to any ID submitted

TSVWG Agenda

Chairs Agenda Bashing

NOTE WELL

Monday morning's Agenda

Document Status and Accomplishments

Milestones Review

Drafts

Monday afternoon's Agenda

NOTE WELL

Drafts

TSVWG Accomplishments and Status

- 4 RFCs published since IETF 86:
 - draft-ietf-tsvwg-source-quench was published as RFC 6633
 - draft-ietf-tsvwg-sctp-udp-encap was published as RFC 6951
 - draft-ietf-6man-udpchecksums was published as RFC 6935 (6man)
 - draft-ietf-6man-udpzero was published as RFC 6936 (6man)

 - Liaison ITU-T Study Group 12 Liaison on QoS Classes & markings
<https://datatracker.ietf.org/liaison/1241/>

 - Joint HTTP/2 Transport meeting (FRIDAY 0900-1100 Morning Session I)

- 0 IDs in RFC Editor Queue now:

TSVWG Accomplishments and Status

- 0 IDs in IESG processing
- 1 ID past WGLC
 - SCTP SACK Immediately (with AD)
- 1 ID in WGLC
 - Byte and Packet Congestion Notification (revised ID needed)

TSVWG Accomplishments and Status

- 3 IDs almost ready for WGLC
 - SCTP NAT Support
 - RSVP Application-ID Profiles
 - RSVP support for PCN

TSVWG Accomplishments and Status

- 4 remaining WG IDs
 - IntServ MULTI_TSPEC
 - Likely to go forward in MULTI_INSTANCE ID
 - Recommendations for Transport Port Uses
 - Need comments
 - SCTP Failover
 - Need comments
 - DTLS Encapsulation over SCTP
 - Need comments

Milestones Review

- **Done** Submit 'Byte and Packet Congestion Notification' to IESG for consideration as a Best Current Practice RFC
- **Done** Submit 'UDP Encapsulation of SCTP Packets' to IESG for consideration as a Proposed Standard RFC
- **May 2012** Submit 'Intserv Multiple TSpec' to IESG for consideration as a Proposed Standard RFC
- **May 2013** Submit 'SCTP NAT Support' to IESG for consideration as a Proposed Standard
- **May 2013** Submit 'Encoding and Transport of (Pre-) Congestion Information from the Domain Egress to the Ingress' to the IESG for consideration as an Experimental RFC
- **May 2013** Submit 'SCTP SACK Immediately' to IESG for consideration as a Proposed Standard RFC
- **Jul 2013** Submit 'RSVP Application-ID Profiles for Voice and Video Streams' to IESG for consideration as a Proposed Standard RFC
- **Jul 2013** Submit 'Quick Failover Algorithm in SCTP' to the IESG for consideration as an Experimental RFC
- **Jan 2014** Submit 'DTLS Encapsulation of SCTP Packets for RTCWEB ' to IESG for consideration as a Proposed Standard RFC
- **Jun 2014** Submit 'Recommendations for Transport Port Uses' to the IESG

Agenda for Monday Morning

Monday July 29th (0900-1130)

- 2) Chairs - Drafts Under review for publication (5)
 - 2.1) Bob/Jukka - Byte and Packet Congestion Notification (10)
draft-ietf-tsvwg-byte-pkt-congest - Revisiting WGLC
 - 2.2) Randy and Michael - SCTP SACK Immediately (5)
draft-ietf-tsvwg-sctp-sack-immediately - Thought ready for IESG.
 - 2.3) Note of work in Internet Area (5)
draft-bonica-6man-frag-deprecate-00 -- no presentation
requested. - New proposed work

Agenda for Monday Morning

Monday July 29th (0900-1130)

3) Working Group Drafts

3.1) Joe Touch (proxy Gorry Fairhurst) –

Recommendations for Transport Port Uses (15)

draft-ietf-tsvwg-port-use

3.2) Randy and Michael - SCTP NAT Support (10)

draft-ietf-tsvwg-natsupp

3.3) James Polk - RSVP Application-ID Profiles (5)

draft-ietf-tsvwg-rsvp-app-id-vv-profiles

- Thought ready for WGLC.

Agenda for Monday Morning

Monday July 29th (0900-1130)

- 4.1) Ruediger - DiffServ interconnection classes (15)
draft-geib-tsvwg-diffserv-intercon-02.txt
- 4.2) Edward Crabbe - Generic UDP Encapsulation for IP Tunneling
(15) draft-yong-tsvwg-gre-in-udp-encap ** corrected draft name **
- 4.3) Greg Shepherd - Multicast UDP Usage Guidelines (15)
draft-shepherd-multicast-udp-guidelines
- 4.4) Sean Turner - Cryptographic Agility for the RSVP INTEGRITY
Object (10) draft-turner-rsvp-auth-update-00.txt
- 4.5) X Wei - Tunnel Congestion Feedback (10)
draft-wei-tsvwg-tunnel-congestion-feedback-00

If time permits:

- 4.6) Cheng-Jia Lai - Normalization Marker for AF PHB Group in
DiffServ (5) draft-lai-tsvwg-normalizer

Other reading

(no presentation this meeting)

- * IDR SLA Exchange (-) draft-ietf-idr-sla-exchange-00.txt
- * Y. Nishida - Quick Failover Algorithm in SCTP (-)
draft-ietf-tsvwg-sctp-failover
- * James Polk - RSVP multi-instance object (-)
draft-polk-rsvp-multi-instance-object

Other reading

(no presentation this meeting)

- * Jana Iyengar & Stuart Cheshire - Minion (initial draft)
draft-iyengar-minion-concept-00
- * Jana Iyengar & Stuart Cheshire - Minion (initial draft)
draft-iyengar-minion-protocol-00
- * Toerless Eckert - Flow Metadata Signaling with RSVP (initial draft)
draft-zamfir-tsvwg-flow-metadata-rsvp-00
- * Toerless Eckert - Protocol Independent Encoding for Signaling Flow Characteristics (initial draft)
draft-choukir-tsv-flow-metadata-encoding-00

Other reading

(no presentation this meeting)

- * Bob Briscoe - ECN Tunnel Guidelines
draft-briscoe-tsvwg-ecn-encap-guidelines-02
- * James Polk - Diffserv classes (rfc4594bis)
draft-polk-tsvwg-rfc4594-update
- * Gorry Fairhurst - Advice on network buffering
draft-fairhurst-tsvwg-buffers
- * M Tuexen - SCTP Scheduling
draft-tuexen-tsvwg-sctp-scheduling-00

Agenda for Monday Afternoon

TSVWG Session 2 - Monday July 29th (1510-1610)

5) Chairs - Work Group Overview (10)

NOTE WELL

6) WG drafts

6.1) Anurag Bhargava - RSVP support for PCN (5)

draft-ietf-tsvwg-rsvp-pcn - Expected to be ready for WGLC

6.2) Randy and Michael - DTLS Encap of SCTP for RTCWEB (5)

draft-ietf-tsvwg-sctp-dtls-encaps

Agenda for Monday Afternoon

TSVWG Session 2 - Monday July 29th (1510-1610)

7) Other Drafts

7.1) Cullen Jennings / Subha Dhesikan - DSCP and other packet markings for RTCWeb QoS(15)

draft-dhesikan-tsvwg-rtcweb-qos-00

7.2) Toerless Eckert - DSCP assignments for video (10)

draft-polk-tsvwg-delay-vs-loss-ds-service-classes-00.txt

7.3) Randy and Michael - SCTP head of line (10)

draft-stewart-tsvwg-sctp-ndata

7.4) Randy and Michael - PR-SCTP policies (5)

draft-tuexen-tsvwg-sctp-prpolicies