TSVWG #1
IETF-94 (Yokohama)

2nd November 2015

Gorry Fairhurst

David Black

WG chairs

Note Well

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HELP TSVWG!

- Need a Note Taker
- Need a scribe for Jabber session

- Future TSVWG Authors:
  PLEASE add "-tsvwg-" to any ID submitted

- We're looking for a third WG chair (or secretary)
  – If interested, please talk to the chairs and ADs

TSVWG Accomplishments and Status

- 1 RFC published since IETF 93:
  - Recommendations for Transport Port Uses (RFC 7605)
- 1 ID in RFC Editor Queue:
  - DTLS Encap of SCTP for RTCWEB

- 2 IDs in IESG processing
  - Network Transport Circuit Breakers
    - Issues to be discussed today
  - SCTP Failover

TSVWG Accomplishments and Status

- 1 ID past WGLC
  - UDP Usage Guidelines Update
    - Revision needed, primarily for UDP encapsulation/tunnel concerns, discussion today

- No IDs in WGLC

- 3 IDs likely to go to WGLC soon
  - DiffServ Interconnection Classes and Practice
  - DiffServ and RTCWeb QoS
  - NAT Behavioral Requirements Updates
    - Need reviewer volunteers

TSVWG Accomplishments and Status

- 5 remaining WG IDs
  - ECN Encapsulation Guidelines
  - GRE in UDP
  - SCTP I-DATA Chunk (sctp-ndata draft)
  - SCTP NAT Support
  - Tunnel Congestion Feedback

- 1 Expired WG ID
  - RSVP Multiple Instance Object
    - Looking for interest in this draft

TSVWG Accomplishments and Status

- 6 Related IDs
  - ECN Benefits and Pitfalls (aqm WG, IESG has approved)
  - DiffServ and Real-Time Communication (dart WG, at RFC Editor, in Authors 48 Hours)
  - IP Tunnels in the Internet Architecture (intarea WG)
  - Encapsulation Considerations (rtgwg WG)
  - Modified ECN Semantics Identification
    - draft-briscoe-tsvwg-ecn-l4s-id-00
  - Congestion control for 4G and 5G access
    - draft-johansson-cc-for-4g-5g-00

TSVWG Agenda

Chairs Agenda Bashing
    NOTE WELL

Wednesday's Agenda
    Document Accomplishments and Status
    Milestones Review
    Drafts

Thursday's Agenda
    NOTE WELL
    Drafts

Milestones Review (part 1)

- **DONE**   **Submit 'Recommendations for Transport Port Uses' to the IESG**
- **DONE**   **Submit 'DTLS Encapsulation of SCTP Packets for RTCWEB ' to IESG for consideration as a Proposed Standard RFC**
- **Apr 2015**   **Submit 'RSVP Multiple Instance' to IESG as a PS RFC**
- **May 2015**   **Submit 'SCTP New Data Chunk' as a Proposed Standard RFC**
- **DONE**   **Submit 'Quick Failover Algorithm in SCTP' to the IESG for consideration as a Proposed Standard RFC**
- **Aug 2015**   **Submit 'DSCP packet markings for RTCWeb QoS' to IESG as a Proposed Standard RFC**
- **Aug 2015**   **Submit 'Guidelines for Adding Congestion Notification to Protocols that Encapsulate IP' as a BCP RFC**

RSVP Multiple Instance draft likely to be abandoned

Other milestones will be rescheduled.

Milestones Review (part 2)

- **Dec 2015**   **Submit 'Specification of GRE in UDP encapsulation' to IESG as a PS RFC**
- **DONE**   **Submit 'Network Transport Circuit Breakers' to IESG**
- **Dec 2015**   **Submit 'DiffServ interconnection classes and practice' as an Informational RFC**
- **Dec 2015**   **Submit 'UDP Usage Guidelines' as a BCP RFC**
- **Dec 2015**   **Submit 'SCTP NAT Support' to IESG as a PS RFC**
- **Dec 2015**   **Submit 'NAT Behavioral Requirements Updates' as a BCP RFC**

Not enough time between now and December;

Milestones will be rescheduled as appropriate.

Will add milestone for Tunnel Congestion Feedback draft.

ID calling for WG adoption

– DiffServ to IEEE 802.11 Mapping
  - draft-szigeti-tsvwg-ieee-802-11-00

Agenda for Monday

1-3) Document Status, Charter and Accomplishments

4.1) Network Transport Circuit Breakers (David Black for Gorry Fairhurst)

4.2) UDP Usage Guidelines (Lars Eggert)

5.1) SCTP Stream Schedulers and User Message Interleaving [SCTP I-DATA chunk] (David Black for Michael Tuexen)

5.2) SCTP NAT Support (David Black for Michael Tuexen)

5.3) SCTP (RFC 4960) Errata and Issues (Maksim Proshin)

8.2) UDP Magic Numbers (Tom Herbert)

   Individual Draft

6.1) Transport Options for UDP (David Black for Joe Touch)

6.2) Session Protocol for UDP Datagrams [SPUD] Requirements (Brian Trammell)

Agenda for Thursday

Agenda review

6.3) GRE in UDP (Lucy Yong)

7.1) ECN Encapsulation Guidelines (Bob Briscoe)

7.2) Diffserv for WebRTC (David Black, no slides)

7.3) DiffServ interconnection classes (David Black)

7.4) Tunnel Congestion Feedback (Xinpeng Wei)

7.5 [new]) Circuit Breakers and Tunnel Congestion Feedback (David Black)

5.4) SCTP Tail Loss Recovery [TLR] (Karen Nielsen)

   Individual Draft

8.1) DiffServ and IEEE 802.11 (Tim Szigeti)

   Individual Draft, WG adoption requested

8.3 [new]) DDoS Mitigation (DOTS) Transport (Nik Teague)

   Discussion topic from DOTS WG

TSVWG #2
IETF-94 (Yokohama)

5th November 2015

Gorry Fairhurst

David Black

WG chairs

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Agenda for Thursday

Agenda review

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      (David Black)

5.4) SCTP Tail Loss Recovery [TLR] (Karen Nielsen)
      Individual Draft

8.1) DiffServ and IEEE 802.11 (Tim Szigeti)
      Individual Draft, WG adoption requested

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      Discussion topic from DOTS WG