TRAM Working Group

IETF 94, Yokohama
2015-11-04

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Logistics

● Minute taker
● Jabber scribe
  ○ xmpp:tram@jabber.ietf.org
● Meeting materials (slides, agendas, etc.)
  ○ http://tools.ietf.org/wg/tram/agenda
● Mailing list
  ○ mailto:tram@ietf.org
  ○ https://www.ietf.org/mailman/listinfo/tram
Agenda

TRAM - TURN Revised and Modernized

IETF 94, Yokohama
Wednesday, November 4, 2015

Administrativia
================
09:00 - Chairs' update
   Duration: 10 min

Working-group drafts
====================
09:10 - TURN Server Auto Discovery
draft-ietf-tram-turn-server-discovery-05
   Presenter: Prashanth Patil
   Duration: 10 minutes

09:20 - An Origin Attribute for the STUN Protocol
draft-ietf-tram-stun-origin-06
   Presenter: Alan Johnston
   Duration: 15 minutes

Extracurricular work
=====================
09:35 - Metadata discovery for third party authorized
   TURN session
draft-reddy-tram-token-metadata-01
   Presenter: Brandon Williams
   Duration: 15 minutes

09:50 - Ufrag Permissions for TURN
draft-williams-tram-ufrag-permission-00
   Presenter: Brandon Williams
   Duration: 15 minutes

10:05 - Peer-specific Redirection for TURN
draft-williams-peer-redirect-01
   Presenter: Brandon Williams
   Duration: 10 minutes

10:15 - EOF
New charter

The goal of the TRAM Working Group is to consolidate the various initiatives to update TURN and STUN to make them more suitable for NAT traversal in a variety of environments, whether for realtime media establishment protocols such as the Offer-Answer Session Description Protocol (RFC 3264), XMPP (XEP-0176), RTSP (draft-ietf-mmusic-rtsp-nat), and RTCWeb (draft-ietf-rtcweb-jsep), or for non-realtime protocols such as HIP (RFC 5770) and RELOAD (RFC 6940). The work will include authentication mechanisms, a path MTU discovery mechanism, an IP address mobility solution for TURN, and extensions to TURN and STUN. The Working Group will closely coordinate with the appropriate Working Groups, including ICE, RTCWEB, MMUSIC, and HTTPBIS.
## Milestones

<table>
<thead>
<tr>
<th>Date</th>
<th>Milestone</th>
</tr>
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<tbody>
<tr>
<td>Jul 2016</td>
<td>Submit TURN IP address mobility draft to IESG</td>
</tr>
<tr>
<td>Mar 2016</td>
<td>Submit TURN PMTUD draft to IESG</td>
</tr>
<tr>
<td>Mar 2016</td>
<td>Send new authentication mechanism(s) to IESG for publication as Proposed Standard</td>
</tr>
<tr>
<td></td>
<td>draft-ietf-tram-stun-origin</td>
</tr>
<tr>
<td></td>
<td>draft-ietf-tram-turn-third-party-authz</td>
</tr>
<tr>
<td>Jan 2016</td>
<td>Send TURN-bis draft to IESG for publication as Proposed Standard</td>
</tr>
<tr>
<td></td>
<td>draft-ietf-tram-turnbis</td>
</tr>
<tr>
<td>Jan 2016</td>
<td>Send STUN-bis draft to IESG for publication as Proposed Standard</td>
</tr>
<tr>
<td>Nov 2015</td>
<td>Adopt TURN IP address mobility draft</td>
</tr>
<tr>
<td>Nov 2015</td>
<td>Adopt TURN PMTUD draft</td>
</tr>
<tr>
<td>Nov 2015</td>
<td>Send path characteristic measurement mechanism to IESG for publication as Proposed Standard</td>
</tr>
<tr>
<td></td>
<td>draft-reddy-tram-stun-path-data</td>
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<tr>
<td>Nov 2015</td>
<td>Send new TURN server discovery mechanism for enterprises and ISPs to IESG for publication as Proposed Standard</td>
</tr>
<tr>
<td></td>
<td>draft-ietf-tram-turn-server-discovery</td>
</tr>
</tbody>
</table>
State of the TRAM

- draft-ietf-tram-stun-origin-05 → 06
  - Updated in response to IESG evaluation.
- draft-ietf-tram-stun-path-data-01 → 02
  - WGLC done, updated, ready for IESG.
- draft-ietf-tram-turn-server-discovery-03 → 05
  - WGLC done, updated, ready for IESG.
- draft-ietf-tram-stunbis-04
  - Done?
- draft-ietf-tram-turnbis-05 → 07
  - Done?
Adopting new work

- draft-petithuguenin-tram-stun-pmtud-01
  - New name: draft-ietf-tram-stun-pmtud
- draft-wing-tram-turn-mobility-03
  - New name: draft-ietf-tram-turn-mobility