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Transport Service (TAPS) Working Group

Aaron Falk
aaron.falk@gmail.com

Zaheduzzaman Sarker
zaheduzzaman.sarker@ericsson.com
Agenda

● Chairs update
  ○ Aaron Falk and Zaheduzzaman Sarker -10 min
● draft-ietf-taps-minset-00
  ○ Michael Wizel, University of Oslo -15 min
● draft-trammell-taps-post-sockets-03
  ○ Brian Trammel, ETH Zurich - 20 min
● draft-tiesel-taps-socketintents-01
  ○ Philipp S. Tiesel, TU Berlin - 20 min
● draft-pauly-taps-guidelines-01
  ○ Tommy Pauly, Apple -25 min
● draft-fairhurst-taps-neat-00
  ○ Godred Fairhurst, University of Aberdeen -20 min
● Discussion on charter item 3 - 10 min
Status

In RFC editors queue

draft-ietf-taps-transports-usage-09
draft-ietf-taps-transports-usage-udp-07

Thanks to the authors and reviewers

Charter item 2: draft-gjessing-taps-minset-05 was adopted

Charter item 3: Number of documents addressing

  Post Socket
  Socket intents
  Happy eyeballs and guide on racing conditions
  new draft on NEAT API

Security topics:

  charter update (??)

Survey document updated – read the new version
## Schedule

<table>
<thead>
<tr>
<th>When</th>
<th>What</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>July 2017</td>
<td><strong>Doc 1</strong>: Submit an Informational document to the IESG defining a set of services provided by IETF transport protocols and congestion control mechanisms</td>
<td>Documents addressing this milestone have been processed</td>
</tr>
<tr>
<td>Nov 2017</td>
<td><strong>Doc 2</strong>: Submit an Informational document to the IESG recommending a minimal set of Transport Services that end systems should support</td>
<td>Milestone addressed by draft-ietf-taps-minset-00</td>
</tr>
<tr>
<td>Mar 2018</td>
<td><strong>Doc 3</strong>: Submit an Experimental document to the IESG specifying one or more methods to provide applications with the Transport Services identified by the WG</td>
<td></td>
</tr>
<tr>
<td>Mar 2018</td>
<td>Recharter or conclude.</td>
<td></td>
</tr>
</tbody>
</table>
Charter: Transport Security Functions

Proposed Edit:

TAPS support for security services provided by existing IETF transport protocols (e.g., TLS, DTLS, TCPINC) is in scope. However, TAPS is not chartered to perform detailed analysis of the security aspects of transport protocols. While security can be a transport service, TAPS is being chartered almost simultaneously with TCPINC, which is developing the TCP extensions to provide unauthenticated encryption and integrity protection of TCP streams, and TAPS will work with TCPINC to ensure that TAPS will be able to accommodate the protocol extensions that TCPINC defines.