

Transport Service (TAPS) Working Group

Aaron Falk

aaron.falk@gmail.com

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Agenda (1)

Administrivia (5 min)

Review of schedule for taking draft-ietf-taps-transport to working group last call this year. (5 min)

Review of protocols we don't have text for yet (5 min)

- Q: Are there any other missing protocols worth holding up the document?

Document Review (30 min)

- Discussion of "refactored" transport protocol components.
- Q: Is this an acceptable approach?

Agenda (2)

Substantive Discussion: Features (30 min)

- Q: Administrative question: where is the split between doc1 & doc2?
- Q: Primary technical question: what do we know about the features that belong in this minimum set that we can start writing?

Substantive Discussion: Interfaces (30 min)

- Discussion on interfaces/APIs and how we should consider them as input for the TAPS effort.
- Q: Does this start work on the second document or is there something we can take from (abstract and concrete) interfaces already deployed that would inform the decomposition of transport protocols/services?

Schedule

When	What	Notes
Sept 2015	Interim wg call to review doc1 wglc candidate	Proposed mtg
Jun 2015 Dec 2015	Doc 1: Submit an Informational document to the IESG defining a set of services provided by IETF transport protocols and congestion control mechanisms	
Dec 2015 July 2016	Doc 2: Submit an Informational document to the IESG recommending a minimal set of Transport Services that end systems should support	Proposed date changes
Mar 2016 July 2017	Doc 3: Submit an Experimental document to the IESG specifying one or more methods to provide applications with the Transport Services identified by the WG	
Mar 2016 July 2017	Recharter or conclude.	

Discussion: Features

Regardless of how we decompose the protocols, we do know enough about *some* transport service features to start writing detailed information about the features -- the discussion here will focus on draft-gjessing-taps-miniset and/or section 4 of draft-ietf-taps-transport.

- Q: Administrative question: where is the split between these documents?
- Q: Primary technical question: what do we know about the features that belong in this minimum set that we can start writing?

Discussion: Interfaces

Discussion on interfaces/APIs and how we should consider them as input for the TAPS effort. There are three broad areas of questions about the eventual interface that TAPS will provide:

- (a) what are the knobs? (and who gets to turn them: app developer, user, administrator, kernel developer, etc)?
 - (b) what are the meters (and who gets to see them)?
 - (c) what are the patterns of interaction supported by existing interfaces?
- (•) Q: Does this start work on the second document or is there something we can take from (abstract and concrete) interfaces already deployed that would inform the decomposition of transport protocols/services?