02 March 2018 Webex

Chairs:
Pascal Thubert
Thomas Watteyne

Etherpad for Minutes: https://etherpad.tools.ietf.org/p/6tisch

IPv6 over the TSCH mode of IEEE 802.15.4
Note Well

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Reminder:

Minutes are taken *
This meeting is recorded **
Presence is logged ***

* Scribe; please contribute online to the minutes at: https://etherpad.tools.ietf.org/p/6tisch
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*** From the Webex login
Agenda

- admin [5min]
- IETF 101 prep [50min]
- Any Other Business [5min]
IETF101 - London

• Admin
  • [https://www.ietf.org/how/meetings/101/](https://www.ietf.org/how/meetings/101/), 17-23 March 2018
  • We asked for a 90min slot for 6TiSCH

• Important dates
  • 2018-02-16 (Friday): Preliminary Agenda published for comment.
  • 2018-02-23 (Friday): Final agenda to be published.
  • 2018-03-05 (Monday): Internet Draft submission cut-off
  • 2018-03-07 (Wednesday): Draft Working Group agendas
  • 2018-03-12 (Monday): Revised Working Group agendas
  • 6TiSCH during Wednesday Afternoon session I, 13:30-15:00
  • For remote presentation, cutoff March 16
draft-ietf-6tisch-6top-protocol

• Input
  • Review from Alex Pelov (IoTdir) https://www.ietf.org/mail-archive/web/6tisch/current/msg05734.html
  • Review from Brian Carpenter (Genart) https://www.ietf.org/mail-archive/web/6tisch/current/msg05730.html
  • Review from Lotte Steenbrink (implementer) https://www.ietf.org/mail-archive/web/6tisch/current/msg05750.html
  • (comments today from Nicola Accettura https://www.ietf.org/mail-archive/web/6tisch/current/msg05757.html)

• Action
  • Publication of -10 on when?
  • addresses all issues raised, need to look at Nicola’s comments

• Next steps
  • Today’s state: In Last Call (ends 2018-03-26)
  • During IETF101: no change
draft-ietf-6tisch-minimal-security

• Input
  • Feedback by implementers
  • Further work by authors

• Action
  • -05 published on when?
  • many little changes

• Next steps
  • Today’s state: “WG Document”
  • During IETF 101 WG meeting:
    • Switch to “In WG Last Call”, for 3 weeks
    • ask for at least 2 reviewers during WGLC, including one from CORE
  • Liaise with CORE about Section 5.1 “Stateless-Proxy CoAP Option”
draft-ietf-6tisch-6top-sfx

- Today’s state: “WG Document”
- Authors asked for WGLC, as experimental
- Chairs reviewed, identified editorial issues which prevent us from considering moving to WGLC
- Suggested action:
  - Take recommendations into account, and publish -01 by cut-off date
  - In London, present draft and ask for WGLC
draft-chang-6tisch-msf

• Input
  • Review from Yasuyuki Tanaka https://www.ietf.org/mail-archive/web/6tisch/current/msg05723.html

• Action
  • -01 published on 2 March 2018
  • Addresses all issue, full read-through

• Next steps
  • Today’s state: none
  • After interim: move to “Candidate for WG Adoption”
  • During IETF 101 WG meeting:
    • Move to “Call For Adoption By WG Issued”, 2 weeks
draft-duquennoy-6tisch-asf

• Input
  • Feedback by implementers
  • Further work by authors

• Action
  • -01 published on 2 March 2018
  • Main changes:
    • Defines ASF configuration parameters and procedure
    • Defines packet format to disseminate configurations (6P signal)
    • Defines burst mode (conditional cells based on 'frame pending' bit)
    • Makes Hash function configurable (SAX remains default)

• Next steps
  • Cutting multiple ideas into smaller docs?
  • Integration with MSF
  • recommendation: discuss in London
draft-ietf-6tisch-terminology

• Input
  • Input from Malisa Vucinic after rev’ing minimal-security
  • Editorial work

• Action
  • -10 published on 2 March 2018
  • Tiny changes, editorial, ordering, etc

• Next steps
  • No particular action requested.
draft-vilajosana-6tisch-globaltime

• Action
  • -00 published on 1 March 2018

• Input
  • Review from Thomas Watteyne (https://www.ietf.org/mail-archive/web/6tisch/current/msg05756.html)

• Action
  • Authors to answer review, publish -01 during/after London?

• Next steps
  • New work, chairs need to see discussion on the ML regarding (1) relevance of work and (2) validity of technical solution proposed
draft-watteyne-6lo-minimal-fragment

• To be presented at 6lo (Thomas requested a slot)
• Need to coordinate with Carsten about relationship with draft-bormann-lwig-6lowpan-virtual-reassembly-00.
draft-thubert-6lo-fragment-recovery

• Derived from draft-thubert-6lo-forwarding-fragments-08

• Inherits the base of (MPLS) forwarding operation to draft-watteyne-6lo-minimal-fragment
  • Simplify sections 7.1 and 7.2 (fwd processing goes away)
  • Normative reference

• Adds the concept of the reverse LSP to the VRB
  • For the Ack

• Some new signaling and behavior
  • ECN, Abort
draft-ietf-6lo-rfc6775-update

IESG review
• Added glossary
• Changed name of unique ID to RUID
• Simplified Discovery of compatible 6LR (based on 6CIO only)
• Added new flag indicating plain host for backward compatibility
  • See https://tools.ietf.org/html/draft-thubert-roll-unaware-leaves

• Q: deprecate EUI-64 as registration ID?
• Q: Lifetime Units?
• Q: size of the RUID (AP-ND may need larger for better strength)
Others

• 6tisch-roll-join-priority
• draft-papadopoulos-6tisch-pre-reqs
• draft-richardson-6tisch-minimal-rekey
• draft-richardson-6tisch-enrollment-enhanced-beacon
• draft-richardson-6tisch-join-enhanced-beacon
• draft-richardson-6tisch-roll-enrollment-priority-00