



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

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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
- ** Recordings and Minutes are public and may be subject to discovery in the event of litigation.
- *** From the Webex login

Agenda



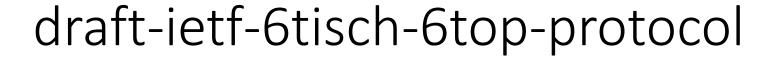
- admin [5min]
- IETF 101 prep [50min]
- Any Other Business [5min]

IETF101 - London



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- Admin
 - 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





Input

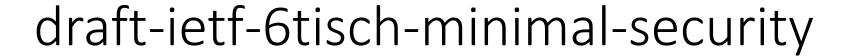
- Review from Alex Pelov (IoTdir) https://www.ietf.org/mail-archive/web/6tisch/current/msg05734.html
- Review from Brian Carpenter (Genart) https://www.ietf.org/mail-archive/web/6tisch/current/msg05730.html
- Review from Lotte Steenbrink (implementer) https://www.ietf.org/mail-archive/web/6tisch/current/msg05750.html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





- 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"





- 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)

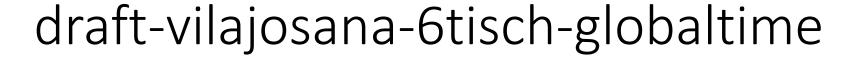
Next steps

- Cutting multiple ideas into smaller docs?
- Integration with MSF
- recommendation: discuss in London





- 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.





- 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 <u>draft-thubert-6lo-forwarding-fragments-08</u>
- Inherits the base of (MPLS) forwarding operation to <u>draft-watteyne-</u> <u>6lo-minimal-fragment</u>
 - 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





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