



6TiSCH



IETF 104 - Prague

Chairs:

Pascal Thubert

Thomas Watteyne

Etherpad: <https://etherpad.tools.ietf.org/p/notes-ietf-104-6tisch>

IPv6 over the TSCH
mode of IEEE 802.15.4

Note Well

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Definitive information is in the documents listed below and other IETF BCPs. For advice, please talk to WG chairs or ADs:

[BCP 9](#) (Internet Standards Process)

[BCP 25](#) (Working Group processes)

[BCP 25](#) (Anti-Harassment Procedures)

[BCP 54](#) (Code of Conduct)

[BCP 78](#) (Copyright)

[BCP 79](#) (Patents, Participation)

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Minutes are taken *

This meeting is recorded **

Presence is logged ***

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** Recordings and Minutes are public and may be subject to discovery in the event of litigation

*** Sign the blue sheets!



Administrivia

- Minutes
 - Etherpad: <https://etherpad.tools.ietf.org/p/notes-ietf-104-6tisch>
- Remote participation
 - Meetecho: <http://www.meetecho.com/ietf104/6tisch>
 - Jabber: 6tisch@jabber.ietf.org
- Mailing list
 - 6tisch@ietf.org
 - To subscribe: <https://www.ietf.org/mailman/listinfo/6tisch>
- Meeting materials:
 - <https://datatracker.ietf.org/meeting/104/materials.html/#6tisch>
 - One set of slides per presentation

Agenda

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Intro and Status [10mn] (Chairs)

- * Note-Well, Blue Sheets, Scribes, Agenda Bashing
- * Status Documents
- * Status 6lo / ROLL
- * Milestones
- * Action Plan

Architecture

- * draft-ietf-6tisch-architecture [5mn] (Pascal Thubert)

Security

- * draft-ietf-6tisch-minimal-security [10mn] (Malisa Vucinic)

Dynamic Scheduling

- * draft-ietf-6tisch-msf [10mn] (Tengfei Chang)
- * draft-tiloca-6tisch-robust-scheduling [5mn] (Marco Tiloca)

Agenda

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Other

* `draft-ietf-6tisch-enrollment-enhanced-beacon`

[5mn] (for Michael
Richardson)

* `OpenBenchmark - Continuous delivery benchmarking for 6TiSCH`

[5mn] (Bozidar Skrbic)

Hackathon News

* Showing the outcome from hackathon

[5mn] (Tengfei Chang)
(Malisa Vucinic)

Any Other Business

[QS] (Chairs) 60/60min

Since IETF 103

- RFC 8505 <draft-ietf-6lo-rfc6775-update> Published
- OSCORE progress
- EDHOC stalled

Links with other WGs

- 6lo
 - 6lo fragmentation DT
 - `draft-ietf-6lo-minimal-fragment`
 - `draft-ietf-6lo-fragment-recovery`
 - 6LoWPAN ND
 - RFC 8505, `draft-ietf-6lo-ap-nd`, `draft-ietf-6lo-backbone-router`
 - `draft-thubert-6lo-unicast-lookup`
 - `draft-ietf-6lo-deadline-time`
 - *6TiSCH-specific ASN used as option for timestamp*
- ROLL
 - `draft-ietf-roll-dao-projection`
 - `draft-thubert-roll-unaware-leaves`
 - `draft-richardson-6tisch-roll-enrollment-priority`
 - *use RPL DIO to propagate configuration for*
`draft-richardson-6tisch-enrollment-enhanced-beacon`
- CoRE
 - liaison issued about `draft-ietf-6tisch-minimal-security`
 - *defines "Stateless-Proxy CoAP Option"*

Milestones

| | |
|-----------------|--|
| <i>Done</i> | <i>Second submission of draft-ietf-6tisch-minimal to the IESG</i> |
| <i>Done</i> | <i>WG call to adopt draft-ietf-6tisch-6top-sf0</i> |
| <i>Done</i> | <i>WG call to adopt draft-ietf-6tisch-6top-sublayer</i> |
| <i>Done</i> | <i>ETSI 6TiSCH #3 plugtests</i> |
| <i>Done</i> | <i>Initial submission of draft-ietf-6tisch-6top-protocol to the IESG</i> |
| <i>Jul 2018</i> | <i>Initial submission of draft-ietf-6tisch-minimal-security to the IESG</i> |
| <i>Oct 2018</i> | <i>Initial submission of 6TiSCH terminology to the IESG</i> |
| <i>Oct 2018</i> | <i>Initial submission of draft-ietf-6tisch-dtsecurity-zerotouch-join to the IESG</i> |
| <i>Nov 2018</i> | <i>Initial submission of 6TiSCH architecture to the IESG</i> |
| <i>Dec 2018</i> | <i>Evaluate WG progress, propose new charter to the IESG</i> |
| <i>Dec 2018</i> | <i>6TiSCH architecture and terminology in RFC publication queue</i> |