



# 6TiSCH



## IETF 105 - Montreal

Chairs:

**Pascal Thubert**

**Thomas Watteyne**

Etherpad: <https://etherpad.tools.ietf.org/p/notes-ietf-105-6tisch>

## IPv6 over the TSCH mode of IEEE 802.15.4

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[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 \*

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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-105-6tisch>
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  - [6tisch@ietf.org](mailto:6tisch@ietf.org)
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- Meeting materials:
  - <https://datatracker.ietf.org/meeting/105/materials.html/#6tisch>
  - One set of slides per presentation

# Agenda

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- |       |                                                   |                  |        |
|-------|---------------------------------------------------|------------------|--------|
| 17:40 | Intro and Status                                  | (Chairs)         | [10mn] |
|       | * Note-Well, Blue Sheets, Scribes, Agenda Bashing |                  |        |
|       | * Status Documents                                |                  |        |
|       | * Status 6lo / ROLL                               |                  |        |
|       | * Milestones                                      |                  |        |
|       | * Action Plan                                     |                  |        |
| 17:50 | Architecture                                      |                  |        |
|       | * draft-ietf-6tisch-architecture                  | (Pascal Thubert) | [10mn] |
| 18:00 | Minimal Security                                  |                  |        |
|       | * draft-ietf-6tisch-minimal-security              | (Malisa Vucinic) | [30mn] |

# Agenda

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- 18:30 Michael's drafts (Michael Richardson)
- \* draft-ietf-6tisch-dtsecurity-zerotouch-join [ 5mn]
  - \* draft-ietf-6tisch-enrollment-enhanced-beacon [ 5mn]
- 18:40 Dynamic Scheduling
- \* draft-ietf-6tisch-msf (Yasuyuki Tanaka) [10mn]
  - \* draft-tiloca-6tisch-robust-scheduling (Marco Tiloca) [10mn]
- Any Other Business (Chairs) [ QS ]

# Since IETF 104

- 6BBR and AP-ND passed WGLC at 6lo
- Fragment drafts adopted as WG docs at 6lo
- RPL unaware leaves adopted as WG doc at ROLL
- OSCORE is now RFC 8613
- LAKE BoF for EDHOC

# 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`
- 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`
- ANIMA
  - `draft-ietf-anima-constrained-voucher`



# Milestones



Done	Second submission of draft-ietf-6tisch-minimal to the IESG
Done	WG call to adopt draft-ietf-6tisch-6top-sf0
Done	WG call to adopt draft-ietf-6tisch-6top-sublayer
Done	ETSI 6TiSCH #3 plugtests
Done	Initial submission of draft-ietf-6tisch-6top-protocol to the IESG
Done	Initial submission of draft-ietf-6tisch-minimal-security to the IESG <span>Changed</span>
Oct 2018	Initial submission of 6TiSCH terminology to the IESG <span>Deleted</span>
Oct 2018	Initial submission of draft-ietf-6tisch-dtsecurity-zerotouch-join to the IESG
Done	Initial submission of 6TiSCH architecture to the IESG <span>Changed</span>
Dec 2018	Evaluate WG progress, propose new charter to the IESG
Done	6TiSCH architecture and terminology in RFC publication queue <span>Changed</span>
Aug 2019	Submit enhanced beacon to the IESG <span>Awaiting accept</span> <span>Changed</span>
Dec 2019	Submit the MSF draft to IESG <span>Awaiting accept</span> <span>Changed</span>