



# 6TiSCH



## IETF 106 - Singapore

Chairs:

**Pascal Thubert**

**Thomas Watteyne**

Etherpad: <https://etherpad.ietf.org/p/notes-ietf-106-6tisch>

IPv6 over the TSCH  
mode of IEEE 802.15.4

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[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.ietf.org/p/notes-ietf-106-6tisch>
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- Meeting materials:
  - <https://datatracker.ietf.org/meeting/106/materials.html/#6tisch>
  - One set of slides per presentation

# Agenda

[1/2]



- |       |   |                  |        |
|-------|---|------------------|--------|
| 10:00 | Intro and Status                                  | (Chairs)         | [10mn] |
|       | * Note-Well, Blue Sheets, Scribes, Agenda Bashing |                  |        |
|       | * Status Documents                                |                  |        |
|       | * Status 6lo / ROLL                               |                  |        |
|       | * Milestones                                      |                  |        |
|       | * Action Plan                                     |                  |        |
| 10:10 | Architecture                                      |                  |        |
|       | * draft-ietf-6tisch-architecture                  | (Pascal Thubert) | [10mn] |
| 10:20 | Minimal Security                                  |                  |        |
|       | * draft-ietf-6tisch-minimal-security              | (Malisa Vucinic) | [30mn] |

# Agenda

[2/2]



10:50 Michael's drafts

- \* draft-ietf-6tisch-dtsecurity-zerotouch-join (Michael R.) [ 5mn]
- \* draft-ietf-6tisch-enrollment-enhanced-beacon (Diego D.) [ 5mn]

11:00 Dynamic Scheduling

- \* draft-ietf-6tisch-msf (Tengfei Chang) [20mn]

11:20 Rechartering vs. Soft Landing (Chairs) [30mn]

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
Oct 2018	Initial submission of draft-ietf-6tisch-dtsecurity-zerotouch-join to the IESG
Done	Initial submission of 6TiSCH architecture to the IESG
Dec 2018	Evaluate WG progress, propose new charter to the IESG
Done	6TiSCH architecture and terminology in RFC publication queue
Aug 2019	Submit enhanced beacon to the IESG <span>Awaiting accept</span>
Dec 2019	Submit the MSF draft to IESG <span>Awaiting accept</span>