



# 6TiSCH



## IETF 103 - Bangkok

Chairs:

**Pascal Thubert**

**Thomas Watteyne**

Etherpad: <https://etherpad.tools.ietf.org/p/notes-ietf-103-6tisch>

## 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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# Reminder:

Minutes are taken \*

This meeting is recorded \*\*

Presence is logged \*\*\*

\* Contribute online to the minutes at: <https://etherpad.tools.ietf.org/p/notes-ietf-102-6tisch>

\*\* 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-103-6tisch>
- Remote participation
  - Meetecho: <http://www.meetecho.com/ietf103/6tisch>
  - Jabber: [6tisch@jabber.ietf.org](mailto:6tisch@jabber.ietf.org)
- Mailing list
  - [6tisch@ietf.org](mailto:6tisch@ietf.org)
  - To subscribe: <https://www.ietf.org/mailman/listinfo/6tisch>
- Meeting materials:
  - <https://datatracker.ietf.org/meeting/103/materials.html/#6tisch>
  - One set of slides per presentation

# Agenda

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## Intro and Status (chairs)

- \* Note-Well, Blue Sheets, Scribes, Agenda Bashing [10min]
- \* Status of the work, link with other WGs

## Chartered items

- \* draft-ietf-6tisch-architecture [10min]  
(Pascal Thubert)  
goal: prepare WGLC
- \* draft-ietf-6tisch-6top-protocol [5min]  
(Xavi Vilajosana, remote)  
goal: status on publication
- \* draft-ietf-6tisch-msf
  - \* intro update (Simon Duquennoy) [5min]
  - \* simulation campaign (Yasuyuki Tanaka, remote) [15min]
  - \* experimental campaign (Tengfei Chang, remote) [15min]
  - goal: discuss ongoing optimizations

# Agenda

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## Chartered items (cont.)

- \* draft-ietf-6tisch-minimal-security [25min]  
(Malisa Vucinic)  
goal: resolution of WGLC comments

## Unchartered items, time permitting

- \* draft-tiloca-6tisch-robust-scheduling [15min]  
(Simon Duquennoy)  
goal: gathering WG interest and feedback
- \* status of the 6lo fragmentation design team (Thomas) [5min]
- \* AOB [QS]

Total scheduled time 105/120min

# Since IETF 102

- RFC 8480 <draft-ietf-6tisch-6top-protocol> through
  - Congrats Xavi, Qin and Thomas!
- RFC 8505 <draft-ietf-6lo-rfc6775-update> Auth-48
- ODVA starting work on 6TiSCH for CIP
  - Common Industrial Protocol
  - Changes needed to control frame size and port on UDP
- Thread expanding to commercial grade buildings
  - Possible convergence? Where?

# Links with other WGs

- 6lo
  - 6lo fragmentation DT
    - `draft-wattheyne-6lo-minimal-fragment`
    - `draft-thubert-6lo-fragment-recovery`
  - 6LoWPAN ND
    - `draft-ietf-6lo-rfc6775-update`,
    - `draft-ietf-6lo-ap-nd`, `draft-ietf-6lo-backbone-router`
  - `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"*