

# DetNet WG

## IETF 119

Brisbane

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Online Agenda and Slides at:

<https://datatracker.ietf.org/meeting/119/session/detnet>

WG Information: <https://datatracker.ietf.org/wg/detnet/>



This session is being recorded

# IETF Note Well

This is a reminder of IETF policies in effect on various topics such as patents or code of conduct. It is only meant to point you in the right direction. Exceptions may apply. The IETF's patent policy and the definition of an IETF "contribution" and "participation" are set forth in BCP 79; please read it carefully.

As a reminder:

- By participating in the IETF, you agree to follow IETF processes and policies.
- If you are aware that any IETF contribution is covered by patents or patent applications that are owned or controlled by you or your sponsor, you must disclose that fact, or not participate in the discussion.
- As a participant in or attendee to any IETF activity you acknowledge that written, audio, video, and photographic records of meetings may be made public.
- Personal information that you provide to IETF will be handled in accordance with the IETF Privacy Statement.
- As a participant or attendee, you agree to work respectfully with other participants; please contact the ombudsteam (<https://www.ietf.org/contact/ombudsteam>) if you have questions or concerns about this.

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)
- <https://www.ietf.org/privacy-policy/> (Privacy Policy)

Also see: <http://www.ietf.org/about/note-well.html>

# IETF Conduct Guidelines

- The IESG has asked all chairs to remind their working groups of the need for appropriate behavior. This is described in more detail in BCP 54. In summary:
  1. IETF participants extend respect and courtesy to their colleagues at all times.
  2. IETF participants have impersonal discussions.
  3. IETF participants devise solutions for the global Internet that meet the needs of diverse technical and operational environments.
  4. Individuals are prepared to contribute to the ongoing work of the group.

# IETF 119 Meeting Tips



- **In-person participants**

- Make sure to sign into the session using the Meetecho Onsite Tool from the Datatracker agenda
- Use Meetecho to join the mic queue
- *Keep audio and video off if not using the onsite version*

- **Remote participants**

- Make sure your audio and video are off unless you are chairing or presenting during a session
- Use of a headset is strongly recommended

# Meeting Administrivia

- Meetecho
  - Using meetecho queue control
  - Chat/Jabber available for use
  - Blue sheets
- Note taking
  - <https://notes.ietf.org/notes-ietf-119-detnet?both>
  - Please help with minute taking (only discussion needs to be captured)
- Online Agenda and Slides at:  
<https://datatracker.ietf.org/meeting/119/session/detnet>
- Data tracker: <http://datatracker.ietf.org/wg/detnet/>
- Chat: <https://zulip.ietf.org/#narrow/stream/detnet>

# Enhanced DetNet Data Plane: Progress

- Initial Eval: In general, proposed mechanisms address requirements.
  - Partially or completely, varies by proposed mechanism and requirement.
  - Useful information (also resulted in an improved requirements draft)
- Next step: look beyond requirements to decide what to standardize
  - Different mechanisms will be more/less applicable to different sorts of networks
  - But exhaustive applicability analysis will be exhausting ☐.
- Context: IEEE standardized multiple TSN mechanisms
  - Multiple DetNet mechanisms should be ok (especially with applicability differences)
- Role of taxonomy: characterize proposed scheduling/queuing mechanisms
  - Identify key differences (and their applicability implications)
  - WG might not want to take highly similar mechanisms forward.



# Taxonomy Discussion



- What would serious success look like?
- Answer - Agreement on:
  - Classification criteria for taxonomy
  - Top-down taxonomy of TSN and DetNet mechanisms
    - In what ways are the mechanisms alike/different?
  - Role of taxonomy in WG selection of proposed mechanisms to standardize
- These questions remain unanswered...