

# DetNet WG

## Sep '21 Virtual Interim

### Chairs:

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### Secretary:

Ethan Grossman [ethan@ieee.org](mailto:ethan@ieee.org)

### Materials:

<https://datatracker.ietf.org/meeting/interim-2021-detnet-01/session/detnet>

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

# 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.

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

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

# Meeting Administrivia

- Webex
  - Please keep mics muted until called on by a chair
  - WebEx Chat for queue (questions)
    - **+q** = enter queue, chair will ask you to unmute/talk
    - **-q** = leave queue before being called on
- Note taking / Blue sheets
  - <https://notes.ietf.org/notes-ietf-interim-2021-detnet-01-detnet>
  - Please help with minute taking (only discussion needs to be captured)
- Materials: <https://datatracker.ietf.org/meeting/interim-2021-detnet-01/session/detnet>
- Data tracker: <http://datatracker.ietf.org/wg/detnet/>
- Jabber: xmpp:detnet@jabber.ietf.org?join

# Reminder: Topic Context

Subject: [Detnet] Moving forward on queuing mechanism

Date: Fri, 9 Apr 2021 08:44:35 -0400

To: DetNet WG [detnet@ietf.org](mailto:detnet@ietf.org)

WG,

There has been some discussion on if/where new DetNet related queuing mechanism should be specified. One possibility is DetNet. For us to undertake **this work**, which **is atypical for a routing area WG**, we will need to revise our charter to reflect the intended scope of our work. We'd like to get the discussion started on this scope.

We think **the next step is** for those who are interested in working on new queuing mechanisms for DetNet to help by providing **a concise problem statement** and possible related work items. The WG can then discuss any proposals, agree on the problem to be solved and work to be done.

Thank you,  
Lou and Janos

# Agenda

#1 13:00 5 min Title: Intro – Presenter: Chairs

## Problem statement related topics:

#2 13:05 15 min Title: Requirements of large scale deterministic network – Presenter: Peng Liu

Draft: <https://datatracker.ietf.org/doc/draft-geng-detnet-requirements-bounded-latency/>  
<https://datatracker.ietf.org/doc/draft-du-detnet-layer3-low-latency>

#3 13:20 15 min Title: Problems with existing DetNet bounded latency queuing mechanisms – Presenter: Toerless Eckert

Draft: <https://datatracker.ietf.org/doc/draft-eckert-detnet-bounded-latency-problems>

#4 13:35 15 min Title: DetNet Bounded Jitter – Presenter: Jean-Yves Le Boudec

Draft: <https://datatracker.ietf.org/doc/>

## Discussion on requirements (30 minutes)

## Solution proposals:

#5 14:05 15 min Title: Scheduling isn't queuing – Presenter: Yaakov Stein

Draft: <https://datatracker.ietf.org/doc/draft-stein-srtsn>

#6 14:20 15 min Title: Deterministic Networking (DetNet) Data Plane: MPLS-TC Tagging for Cyclic Queuing and Forwarding (MPLS-TC TCQF)

Presenter: Toerless Eckert

Draft: <https://datatracker.ietf.org/doc/draft-eckert-detnet-mpls-tc-tcqf>

## Other topic:

#7 14:35 10 min Title: IPv6 Options for DetNet – Presenter: Pascal Thubert

Draft: <https://datatracker.ietf.org/doc/draft-pthubert-detnet-ipv6-hbh>

## Open Discussion (Time permitting)

Adjourn 15:00



Agreement on problem statement is the next step

# Reminder: IPR Disclosure Process

- We follow process put in place in other groups as a result of very late IPR disclosures
  - This is not a required IETF process
- Includes
  - Polling of draft authors & contributors:
    1. Prior to moving to next step in WG process
      - a. Before an individual draft becomes a WG document and
      - b. Before a WG document goes to last call
    2. Requires IPR compliance statement from **all** listed in draft
- New Step:
  - Request that an IPR statement be sent to the list by any new author or contributor when added to a WG document



# Working Remote

- Utilize the mailing list!
  - Working Group consensus is determined on the mailing list
  - Mailing list is to be used for WG decision making and discussions
    - Resolving open issues
    - Reviewing changes to WG documents
    - Introducing new drafts
    - Potential new Working Group topics
- Virtual meetings
  - Virtual interims can be scheduled as needed
    - Periodically, or as needed to cover a specific topic ◻ WG members can make requests to chairs
  - IETF 112 – Online
- Informal (working) meetings
  - WG WebEx is available ◻ WG members can make requests to chairs/secretary
  - These meetings will be announced on the WG list