

# DetNet WG

## IETF 108 [virtual]

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Online Agenda and Slides at:

<https://datatracker.ietf.org/meeting/108/session/detnet>

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

Etherpad: <https://etherpad.ietf.org:9009/p/notes-ietf-108-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.

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>

# Meeting Administrivia

- Meetecho
  - Using meetecho queue control
  - Chat/Jabber available for use
- Blue sheets
  - From meetecho and:
    - <https://etherpad.ietf.org:9009/p/notes-ietf-108-detnet>
  - Please add your name at end
  - Please stay on and help with minute taking (only discussion needs to be captured)
- Online Agenda and Slides at:  
<https://datatracker.ietf.org/meeting/108/session/detnet>
- Data tracker: <http://datatracker.ietf.org/wg/detnet/>
- Jabber: xmpp:detnet@jabber.ietf.org?join
- Tools: <http://tools.ietf.org/wg/detnet>

# Agenda

Presentation	Start Time (UTC)	Duration	Information
1	13:00	10	Title: Intro, WG Status, Draft Status Presenter: Chairs Slides: <a href="https://datatracker.ietf.org/doc/slides-108-detnet-chairs-intro/">https://datatracker.ietf.org/doc/slides-108-detnet-chairs-intro/</a>
2	13:10	10	Title: DetNet Configuration YANG Model - Update Presenter: Authors Draft: <a href="https://tools.ietf.org/html/draft-ietf-detnet-yang-05">https://tools.ietf.org/html/draft-ietf-detnet-yang-05</a> Slides: <a href="https://datatracker.ietf.org/doc/slides-108-detnet-detnet-configuration-yang-model/">https://datatracker.ietf.org/doc/slides-108-detnet-detnet-configuration-yang-model/</a>
3	13:20	10	Title: DetNet OAM Presenter: Greg Mirsky Draft: <a href="https://tools.ietf.org/html/draft-ietf-detnet-mpls-oam-01">https://tools.ietf.org/html/draft-ietf-detnet-mpls-oam-01</a> Draft: <a href="https://tools.ietf.org/html/draft-mirsky-detnet-ip-oam-02">https://tools.ietf.org/html/draft-mirsky-detnet-ip-oam-02</a> Slides: <a href="https://datatracker.ietf.org/doc/slides-108-detnet-detnet-mpls-oam/">https://datatracker.ietf.org/doc/slides-108-detnet-detnet-mpls-oam/</a>
4	13:30	10	Title: RAW OAM Presenter: Authors Draft: <a href="https://tools.ietf.org/html/draft-theoleyre-raw-oam-support-03">https://tools.ietf.org/html/draft-theoleyre-raw-oam-support-03</a> Slides: <a href="https://datatracker.ietf.org/doc/slides-108-detnet-raw-oam/">https://datatracker.ietf.org/doc/slides-108-detnet-raw-oam/</a>
5	13:40	10	Title: Controller Plane Framework Presenter: Xuesong Geng Draft: <a href="https://tools.ietf.org/html/draft-malis-detnet-controller-plane-framework-04">https://tools.ietf.org/html/draft-malis-detnet-controller-plane-framework-04</a> Slides: <a href="https://datatracker.ietf.org/doc/slides-108-detnet-controller-plane-framework/">https://datatracker.ietf.org/doc/slides-108-detnet-controller-plane-framework/</a>
Adjourn	13:50		

# 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
  - Likely to continue for some time in place of physical meetings
    - E.g., IETF109 is still TBD
- Informal (working) meetings
  - WG WebEx is available ◻ WG members can make requests to chairs/secretary
  - These meetings will be announced on the WG list

# 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

# WG Draft Status

- Document Status
- Published
  - [RFC 8557](#) Deterministic Networking Problem Statement
  - [RFC 8578](#) Deterministic Networking Use Cases
  - [RFC 8655](#) Deterministic Networking Architecture
- In RFC Editor queue:
  - **draft-ietf-detnet-data-plane-framework**
  - **draft-ietf-detnet-ip**
- With IESG
  - data plane drafts
    - draft-ietf-detnet-mpls
    - draft-ietf-detnet-ip-over-mpls
    - draft-ietf-detnet-mpls-over-udp-ip
  - draft-ietf-detnet-flow-information-model
  - draft-ietf-detnet-security
- Ready for last call
  - data plane drafts
    - draft-ietf-detnet-ip-over-tsn
    - draft-ietf-detnet-tsn-vpn-over-mpls
    - draft-ietf-detnet-mpls-over-tsn
- On agenda
  - draft-ietf-detnet-yang
  - draft-ietf-detnet-mpls-oam
- **Not on agenda: draft-ietf-detnet-bounded-latency**

# Reminder: Re-Chartered

- Revised charter approved
  - <https://datatracker.ietf.org/wg/detnet/about/>
  - Diff: <https://etherpad.ietf.org:9009/p/detnet-recharter> (non-authoritative)
- Main addition:

*“The Working Group will also document DetNet Controller Plane approaches that reuse existing IETF solutions, such as Path Computation Element (PCE), and identify the Working Group responsible for any extensions needed to support DetNet.”*



# WG Deliverables & Milestones

Date	Milestone
Jun-20	Adopt controller plane framework***
Aug-20	Adopt DetNet IP OAM document
Aug-20	Submit TSN data plane documents (Standards track)
Aug-20	Submit YANG model (Standards Track)
Mar-21	Submit first OAM document for publication
May-21	Submit controller plane framework
Jun-21	Submit DetNet IP OAM document
Done	Submit data flow information model (informational)
Done	Submit security considerations document for publications
Done	[Adopt] Initial OAM WG document
Done	Submit data plane specification (Standards Track)
Done	Finalize problem statement (informational)
Done	WG adoption of YANG model
Done	Submit architecture (Standards Track)
Done	Finalize use cases (informational)

Source: <https://datatracker.ietf.org/wg/detnet/about/>