

DetNet WG

IETF 112

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Online Agenda and Slides at:

<https://datatracker.ietf.org/meeting/112/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.

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.

Meeting Administrivia

- Meetecho
 - Using meetecho queue control
 - Chat/Jabber available for use
 - Blue sheets
- Note taking
 - <https://codimd.ietf.org/notes-ietf-112-detnet>
 - Please help with minute taking (only discussion needs to be captured)
- Online Agenda and Slides at:
<https://datatracker.ietf.org/meeting/112/session/detnet>
- Data tracker: <http://datatracker.ietf.org/wg/detnet/>
- Jabber: xmpp:detnet@jabber.ietf.org?join

IETF 111 Sessions

- **Joint Session with PALS and MPLS on Monday Session III – November 8**
 - 17:00-19:00 (CET, UTC+1) – 16:00-18:00 (UTC)
- **Wednesday Session I – November 10**
 - 13:00-15:00 (CET, UTC+1) – 12:00-14:00 (UTC)

Agenda

- **#1 13:00 10 min Title: Intro, WG Status, Draft Status**
 - Presenter: Chairs
- **#2 13:10 10 min Title: OAM Framework**
 - Presenter: Greg Mirsky
 - Draft: <https://datatracker.ietf.org/doc/draft-ietf-detnet-oam-framework/>
- **#3 13:30 10 min Title: OAM Functions for The Service Sub-Layer**
 - Presenter: Balázs Varga
 - Draft: <https://datatracker.ietf.org/doc/draft-varga-detnet-service-sub-layer-oam/>
- **#4 13:20 10 min Title: MPLS OAM**
 - Presenter: Greg Mirsky
 - Draft: <https://datatracker.ietf.org/doc/draft-ietf-detnet-mpls-oam/>
- **#5 13:40 5 min Title: PREOF for DetNet IP**
 - Presenter: Balázs Varga
 - Draft: <https://datatracker.ietf.org/doc/draft-varga-detnet-ip-preof/>
- **#6 13:45 10 min Title: Packet Ordering Function**
 - Presenter: Balázs Varga
 - Draft: <https://datatracker.ietf.org/doc/draft-varga-detnet-pof/>
- **#7 13:55 15 min Title: Requirements of large scale deterministic network**
 - Presenter: Peng Liu
 - Draft: <https://datatracker.ietf.org/doc/draft-liu-detnet-large-scale-requirements/>
- **#8 14:10 10 min Title: The Requirements for Wide-area IP Deterministic Networking**
 - Presenter: Quan Xiong
 - Draft: <https://datatracker.ietf.org/doc/html/draft-xiong-detnet-wide-area-ip-requirements>
- **#9 14:20 15 min Title: Micro-burst Decreasing in Layer3 Network for Low-Latency Traffic**
 - Presenter: Zongpeng Du
 - Draft: <https://datatracker.ietf.org/doc/draft-du-detnet-layer3-low-latency/>
- **#10 14:35 10 min Title: DetNet Data Plane - MPLS TC Tagging for Cyclic Queuing and Forwarding**
 - Presenter: Toerless Eckert
 - Draft: <https://datatracker.ietf.org/doc/draft-eckert-detnet-mpls-tc-tcqf/>
- **#11 14:45 10 min Title: BGP Flow Specification for DetNet Flow Mapping**
 - Presenter: Quan Xiong
 - Draft: <https://datatracker.ietf.org/doc/html/draft-xiong-idr-detnet-flow-mapping-00>
- **Adjourn 15:00**

WG Status

- Recent RFC

RFC 9056 (was <i>draft-ietf-detnet-ip-over-mpls</i>) Deterministic Networking (DetNet) Data Plane: IP over MPLS	2021-10 11 pages	Proposed Standard RFC
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- Publication requested

draft-ietf-detnet-bounded-latency-06 DetNet Bounded Latency	2021-05-17 28 pages	Publication Requested Submitted to IESG for Publication: Informational
draft-ietf-detnet-yang-14 DetNet YANG Data Model	2020-10-22 133 pages	Publication Requested <i>269 days</i> Submitted to IESG for Publication: Proposed Standard Reviews: yangdoctors

- Not on agenda

draft-ietf-detnet-ip-oam-03 DetNet IP OAM	2021-09-19 7 pages	I-D Exists WG Document
draft-ietf-detnet-controller-plane-framework-01 Deterministic Networking (DetNet) Controller Plane Framework	2021-10-25 19 pages	I-D Exists WG Document

Liaisons and Communications

- Received:

- From: ITU-T-SG-13

- <https://datatracker.ietf.org/liaison/1753/> -- with 3 interesting attachments

- Received: 2021-07-27

- Subject: *LS on Work items related to deterministic communication in ITU-T SG13*

ITU-T Study Group 13 would like to inform you that Question 6 of SG13 has three on-going work items and one published Recommendation related to deterministic communication on the scope of local area networks and large-scale networks for IMT-2020 network and beyond.

The information on the three on-going work items and the published Recommendation are shown below. Their corresponding documents are attached.

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This information is for your consideration and we look forward to collaborating with you in this area.

- A proposed response will be discussed on the 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
- 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
- Informal (working) meetings
 - WG WebEx is available ◻ WG members can make requests to chairs/secretary
 - These meetings will be announced on the WG list