DetNet WG

Sep ‘21 Virtual Interim

Chairs:
  Lou Berger lberger@labn.net
  János Farkas janos.farkas@ericsson.com

Secretary:
  Ethan Grossman 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 Administrativia

- 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](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](https://datatracker.ietf.org/meeting/interim-2021-detnet-01/session/detnet)


- Jabber:  xmpp:detnet@jabber.ietf.org?join
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/
#3 13:20 15 min Title: Problems with existing DetNet bounded latency queuing mechanisms – Presenter: Toerless Eckert
#4 13:35 15 min Title: DetNet Bounded Jitter – Presenter: Jean-Yves Le Boudec
   Draft: https://datatracker.ietf.org/doc/draft/

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

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
Reminder: IPR Disclosure Process

• We follow process put in place in other groups as a result of very late IPR disclosures
  0 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:
  0 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