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/

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

Also see: [http://www.ietf.org/about/note-well.html](http://www.ietf.org/about/note-well.html)
Meeting Administrativia

• Meetecho
  o Using meetecho queue control
  o Chat/Jabber available for use

• Blue sheets
  o From meetecho and:
  o Please add your name at end
  o 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
<table>
<thead>
<tr>
<th>Presentation</th>
<th>Start Time (UTC)</th>
<th>Duration</th>
<th>Information</th>
</tr>
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<tbody>
<tr>
<td>1</td>
<td>13:00</td>
<td>10</td>
<td>Title: Intro, WG Status, Draft Status</td>
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<td>Presenter: Chairs</td>
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<tr>
<td>2</td>
<td>13:10</td>
<td>10</td>
<td>Title: DetNet Configuration YANG Model - Update</td>
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<td>Presenter: Authors</td>
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<tr>
<td>3</td>
<td>13:20</td>
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<td>Title: DetNet OAM</td>
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<td>Presenter: Greg Mirsky</td>
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<tr>
<td>4</td>
<td>13:30</td>
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<td>Title: RAW OAM</td>
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<td>5</td>
<td>13:40</td>
<td>10</td>
<td>Title: Controller Plane Framework</td>
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<td>Presenter: Xuesong Geng</td>
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Working Remote

• Utilize the mailing list!
  o Working Group consensus is determined on the mailing list
  o 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
  o Virtual interims can be scheduled as needed
    • Periodically, or as needed to cover a specific topic — WG members can make requests to chairs
  o Likely to continue for some time in place of physical meetings
    • E.g., IETF109 is still TBD

• Informal (working) meetings
  o WG WebEx is available — WG members can make requests to chairs/secretary
  o 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
  o 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
  o RFC 8557 Deterministic Networking Problem Statement
  o RFC 8578 Deterministic Networking Use Cases
  o RFC 8655 Deterministic Networking Architecture
• In RFC Editor queue:
  • draft-ietf-detnet-data-plane-framework
  • draft-ietf-detnet-ip
• With IESG
  o data plane drafts
    • draft-ietf-detnet-mpls
    • draft-ietf-detnet-ip-over-mpls
    • draft-ietf-detnet-mpls-over-udp-ip
  o draft-ietf-detnet-flow-information-model
  o draft-ietf-detnet-security
• Ready for last call
  o data plane drafts
    • draft-ietf-detnet-ip-over-tsn
    • draft-ietf-detnet-tnsn-tns-over-mpls
    • draft-ietf-detnet-mpls-over-tsn
• On agenda
  o draft-ietf-detnet-yang
  o draft-ietf-detnet-mpls-oam
• Not on agenda: draft-ietf-detnet-bounded-latency
Reminder: Re-Chartered

• Revised charter approved
  o https://datatracker.ietf.org/wg/detnet/about/
  o 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

<table>
<thead>
<tr>
<th>Date</th>
<th>Milestone</th>
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<tbody>
<tr>
<td>Jun-20</td>
<td>Adopt controller plane framework***</td>
</tr>
<tr>
<td>Aug-20</td>
<td>Adopt DetNet IP OAM document</td>
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<tr>
<td>Aug-20</td>
<td>Submit TSN data plane documents (Standards track)</td>
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<tr>
<td>Aug-20</td>
<td>Submit YANG model (Standards Track)</td>
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<tr>
<td>Mar-21</td>
<td>Submit first OAM document for publication</td>
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<tr>
<td>May-21</td>
<td>Submit controller plane framework</td>
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<tr>
<td>Jun-21</td>
<td>Submit DetNet IP OAM document</td>
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<tr>
<td></td>
<td>Done Submit data flow information model (informational)</td>
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<td>Done Submit security considerations document for publications</td>
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<td>Done [Adopt] Initial OAM WG document</td>
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<td>Done Submit data plane specification (Standards Track)</td>
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<td>Done Finalize problem statement (informational)</td>
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<td>Done WG adoption of YANG model</td>
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<td></td>
<td>Done Submit architecture (Standards Track)</td>
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<tr>
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<td>Done Finalize use cases (informational)</td>
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Source: [https://datatracker.ietf.org/wg/detnet/about/](https://datatracker.ietf.org/wg/detnet/about/)