

# DetNet WG

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Online Agenda and Slides at:

<https://datatracker.ietf.org/meeting/103/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

- Audio Streaming/Recording
  - Please speak only using the microphones
  - Please state your name before speaking
- Joint minute taking **≡ Please contribute**
  - <http://tools.ietf.org/wg/detnet/minutes>
  - <http://etherpad.tools.ietf.org:9000/p/notes-ietf-103-detnet>
- Jabber:
  - [detnet@jabber.ietf.org](mailto:detnet@jabber.ietf.org)
- Online Agenda and Slides at:
  - <https://datatracker.ietf.org/meeting/103/session/detnet>
- Blue sheets
  - Please add your name

# Agenda

#	Start Time	Duration	Information	
0	13:50	10	Title: Intro, WG Status, Draft Status Presenter: Chairs Draft: N/A	
1	14:00	20	Title: DetNet IP Data Plane Encapsulation, DetNet MPLS Data Plane Encapsulation Presenter: Balázs Varga Draft: <a href="https://tools.ietf.org/html/draft-ietf-detnet-dp-sol-mpls-01">https://tools.ietf.org/html/draft-ietf-detnet-dp-sol-mpls-01</a> Draft: <a href="https://tools.ietf.org/html/draft-ietf-detnet-dp-sol-ip-01">https://tools.ietf.org/html/draft-ietf-detnet-dp-sol-ip-01</a>	
2	14:20	10	Title: DetNet Flow Information Model Presenter: János Farkas Draft: <a href="https://tools.ietf.org/html/draft-ietf-detnet-flow-information-model-02">https://tools.ietf.org/html/draft-ietf-detnet-flow-information-model-02</a>	
3	14:30	10	Title: DetNet Configuration YANG Model Presenter: Xuesong Geng Draft: <a href="https://tools.ietf.org/html/draft-ietf-detnet-yang-00">https://tools.ietf.org/html/draft-ietf-detnet-yang-00</a>	
4	14:40	15	Title: DetNet QoS Policy and Yang Presenter: Quan Xiong Draft: <a href="https://tools.ietf.org/html/draft-xiong-detnet-qos-policy-00">https://tools.ietf.org/html/draft-xiong-detnet-qos-policy-00</a> Draft: <a href="https://tools.ietf.org/html/draft-xiong-detnet-qos-yang-00">https://tools.ietf.org/html/draft-xiong-detnet-qos-yang-00</a>	
5	14:55	10	Title: OAM for DetNet Presenter: Greg Mirsky Draft: <a href="https://tools.ietf.org/html/draft-mirsky-detnet-oam-00">https://tools.ietf.org/html/draft-mirsky-detnet-oam-00</a>	
6	15:05	10	Title: DetNet Packet Loss and Delay Performance Measurement Presenter: Mach Chen Draft: <a href="https://tools.ietf.org/html/draft-chen-detnet-loss-delay-00">https://tools.ietf.org/html/draft-chen-detnet-loss-delay-00</a>	
7	15:15	15	Title: DetNet Bounded Latency Presenter: Jean-Yves Le Boudec / Norm Finn Draft: <a href="https://tools.ietf.org/html/draft-finn-detnet-bounded-latency-01">https://tools.ietf.org/html/draft-finn-detnet-bounded-latency-01</a>	
8	15:30	10	Title: Large Scale DetNet Presenter: Cristina Qiang Draft: <a href="https://tools.ietf.org/html/draft-qiang-detnet-large-scale-detnet-02">https://tools.ietf.org/html/draft-qiang-detnet-large-scale-detnet-02</a>	
9	15:40	10	Title: SR-Based Bounded Latency Presenter: Mach Chen Draft: <a href="https://tools.ietf.org/html/draft-chen-detnet-sr-based-bounded-latency-00">https://tools.ietf.org/html/draft-chen-detnet-sr-based-bounded-latency-00</a>	
10	15:50	5	Title: SR-Based Bounded Latency Presenter: Yuanlong Jiang Draft: <a href="https://tools.ietf.org/html/draft-jiang-detnet-ring-02">https://tools.ietf.org/html/draft-jiang-detnet-ring-02</a>	
Adjourn	15:55			

# Meeting with 802.1 TSN

- Sunday: 8:00-17:00
- Location: [Thai Chitlada #2](#) (2nd Floor)
- Agenda:
  - Live:  
[http://ieee802.org/1/tsn/tsn-task-group-agenda/#Sunday\\_DetNet\\_8211\\_TSN\\_joint\\_session](http://ieee802.org/1/tsn/tsn-task-group-agenda/#Sunday_DetNet_8211_TSN_joint_session)
  - Archive:  
<https://1.ieee802.org/november-2018-plenary-meeting-in-bangkok-thailand-and-tsn-tg-agenda>
- Meeting will follow IEEE process
  - IEEE 802 is formal meeting organizer
  - IEEE 802.1 meeting minutes will be available to DetNet WG
  - Remote participation is not available

# Meeting with 802.1 TSN: Agenda

	Subject	Discussion Leader	Affiliation	Length
<b>8:00-10:20 AM1</b>	<b>Administrivia (IEEE 802 Intro &amp; participation ) &amp; Meeting Objectives</b>	Lou Berger János Farkas	LabN Consulting LLC Ericsson	20
	<b>Working/Task Group Overview</b>			
	<b>TSN TG overview</b>	János Farkas	Ericsson	15
	<b>DetNet WG overview</b>	Lou Berger	LabN Consulting LLC	15
	<b>Basic Concepts and Services</b>			
	<b>TSN (with Q&amp;A)</b>	János Farkas	Ericsson	30
	<b>DetNet (with Q&amp;A)</b>	Balázs Varga	Ericsson	30
	<b>Break</b>			<b>30</b>
<b>10:30-12:30 AM2</b>	<b>Flow Definition and Identification, QoS Service definition and parameters</b>			
	<b>TSN</b>	Norm Finn	Huawei	30
	<b>DetNet</b>	Balázs Varga	Ericsson	30
	<b>Discussion: DetNet/TSN Flow/QoS mapping</b>			
	<b>Mapping between DetNet and TSN</b>	Norm Finn	Huawei	30
	<b>Discussion</b>	Norm Finn	Huawei	40
	<b>Lunch break</b>			<b>60</b>
<b>13:30-15:20 PM1</b>	<b>Configuration and Control</b>			
	<b>TSN: YANG, SRP, LRP, RAP</b>	Rodney Cummings Norm Finn Feng Chen	National Instruments Huawei Siemens AG	20
	<b>DetNet: YANG today, Control plane tomorrow</b>	Mach Chen Lou Berger	Huawei LabN Consulting LLC	20
	<b>Security</b>			
	<b>Presentation covering both L3 and L2</b>	Tal Mizrahi	Huawei Network.IO Innovation Lab	30
	<b>Discussion</b>			10
	<b>Break</b>			<b>20</b>
<b>15:40-17:00 PM2</b>	<b>Applications &amp; Use Cases</b>			
	<b>DetNet Use Cases</b>	Ethan Grosmann	Dolby	20
	<b>IEC/IEEE 60802 TSN Profile for Industrial Automation</b>	Ludwig Winkel	Siemens AG	20
	<b>IEC 61850-90-13 Deterministic Networking for Power Automation</b>	Maik Seewald	Cisco	20
	<b>TSN for Service Provider Networks</b>	Tongtong Wang	Huawei	20

# Utilizing 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
- *Meeting time will be scheduled relative to mailing list discussion*

# 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 Since IETF-102 in London (2018-03-17)
- With IESG
  - draft-ietf-detnet-use-cases
  - draft-ietf-detnet-problem-statement
  - draft-ietf-detnet-architecture
- On agenda
  - draft-ietf-detnet-dp-sol-ip
  - draft-ietf-detnet-dp-sol-mpls
  - draft-ietf-detnet-flow-information-model
  - draft-ietf-detnet-yang
- Not on agenda
  - draft-ietf-detnet-security
    - update sent to list, gated by solutions drafts, comments welcome

# WG Deliverables & Milestones

- Core deliverables (reminder)
  - Overall architecture
  - Data plane definition
  - Data flow information model
  - YANG models

