

DetNet – TSN Workshop

Lou Berger and János Farkas

lberger@labn.net, janos.farkas@ericsson.com

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Madrid, Spain

Reminder: Logistics

- WiFi
 - SSID: **IEEE802**
 - Password: **ieeeieee**
- Workshop agenda and slides:
<https://1.ieee802.org/2025-07-26-detnet-tsn-workshop/>

Reminder: Record your attendance please!

- IMAT: <https://imat.ieee.org/802.1/attendance-log?p=5129400005&t=28800043>
- also linked from the workshop page:
<https://1.ieee802.org/2025-07-26-detnet-tsn-workshop>

DetNet WG

Responsible for Deterministic Networks for IETF technologies

- Co-Chairs:
 - Lou Berger lberger@labn.net
 - János Farkas
janos.farkas@ericsson.com
- Secretary:
 - Eve Schooler
eve.schooler@gmail.com
- Web page:
 - <https://datatracker.ietf.org/wg/detnet>

TSN TG

Responsible for Time-Sensitive Networking technology and profiles

- Chair:
 - János Farkas
janos.farkas@ericsson.com
- Vice-Chair
 - David McCall david.mccall@intel.com
- Secretary:
 - Johannes Specht
johannes.specht.standards@gmail.com
- Web page:
 - <http://ieee802.org/1/tsn>

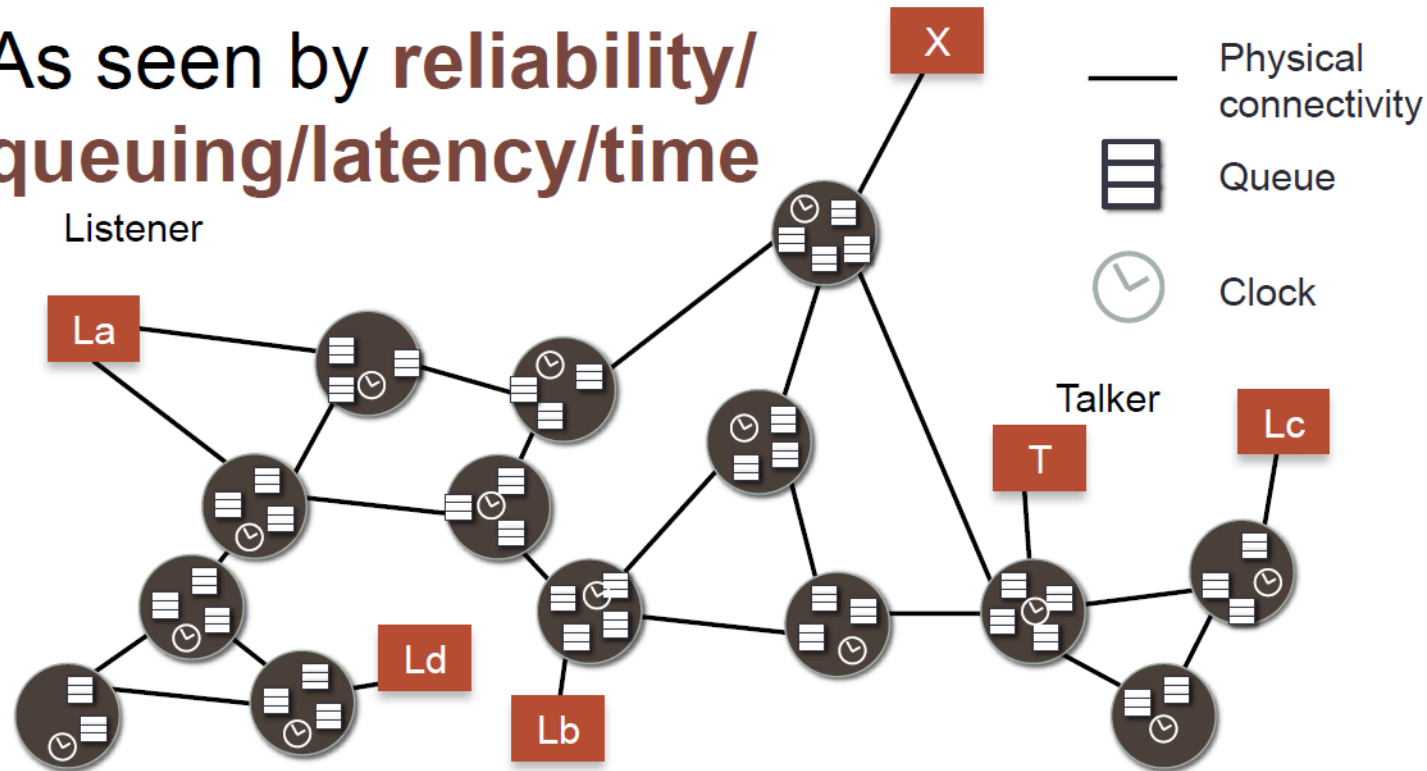
Previous DetNet – TSN Workshop

- November 11, 2018, Bangkok
 - <https://1.ieee802.org/november-2018-plenary-meeting-in-bangkok-thailand-tsn-tg-agenda/>
- It was a very successful workshop covering the complementary development of DetNet and TSN technologies
- Please refer to the presentations at the previous workshop for procedures in the two groups

Recap: How It Got Started?

Reference network

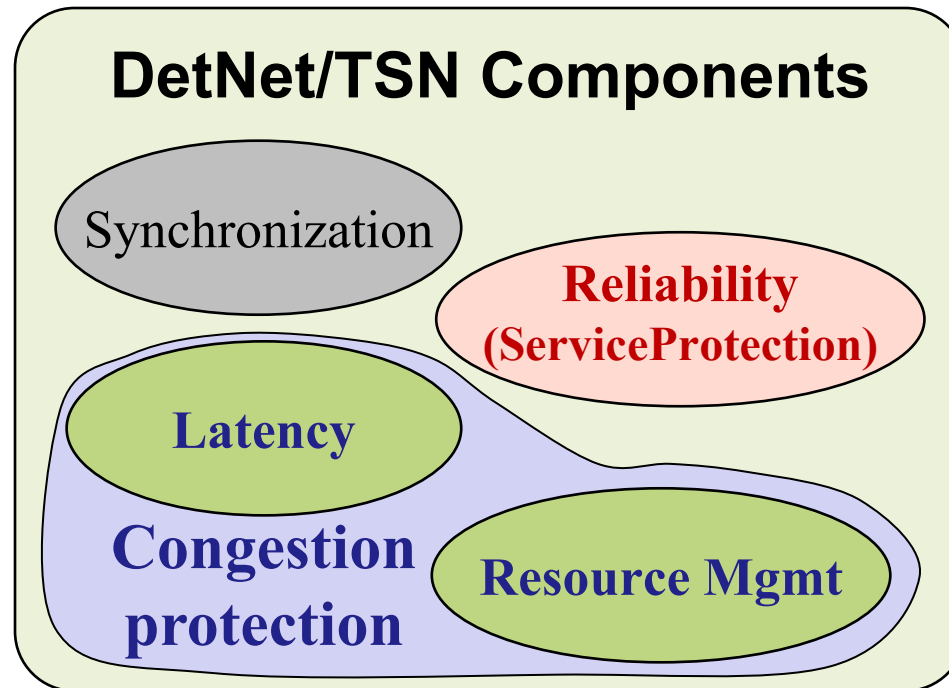
As seen by **reliability/
queuing/latency/time**



- **Just nodes, queues, clocks, and wires!!**

<https://www.ietf.org/proceedings/91/slides/slides-91-detnet-9.pdf>

Recap: TSN and DetNet Components



- Ultimately, DetNet and TSN are Traffic Engineering (TE) on steroids
 - Same as normal networking with focus on the above components
- DetNet and TSN provide similar functionality at different OSI Layers

Goals

- Ongoing objective:
 - Maintain aligned architecture for TSN and DetNet
 - Maximizing alignment and compatibility between TSN and DetNet → success of the technologies
 - Minimize duplication of work and mechanisms, while
 - DetNet can operate over different subnetwork technologies, notably TSN
 - TSN can operate without DetNet
- Workshop objective
 - Where we are with standards development; status and plans
 - Where we are with usage
 - Provide a forum for mutual discussion

Wrap Up