Interoperability: An Early Discussion

Eve M. Schooler
IETF 111 RAW WG – Tuesday, July 27th, 2021
A Rough DetNet/RAW Timeline

DetNet

- Problem Statement
- Use Cases
- Architecture
- Data Plane specs
- Flow & Svc Info Model
- Security
- Yang Model
- OAM specs
- Controller Plane framework

RAW

- Charter
- Launch
- Use Cases
- Technologies
- LDACS
- Architecture
- OAM
- Industrial Req
- Gap Analysis

PoCs

- DetNet x-subnet?
- DetNet + TSN?
- DetNet/RAW + wTSN?

IETF Hackathons

- Milestone estimate
- RFC published
- Aspirational
- Other

Time to think about if/how to use the IETF Hackathons?
IETF Hackathon:
*Great venue for Interoperability Testing*

How important to folks in the room:

- Time to queue up the discussion?
  - DetNet has a nearly full set of I-Ds (though RAW has a ways to go)
- Pop-up hackathon or plugfest the right format for testing?
  - The right duration? frequency?
  - The right capabilities and permanence of the underlying network?
- Encourage a range of approaches? *e.g.*,
  - Create/borrow/showcase various testbed strategies?
  - Collaboration partners?