RAW use cases
draft-ietf-raw-use-cases-02
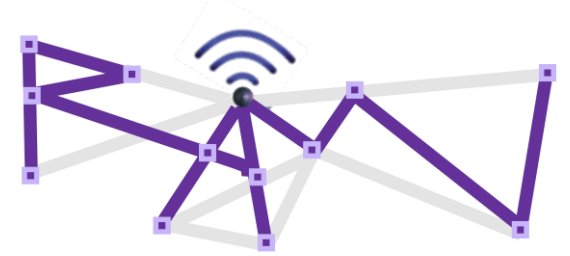
Presenter: Carlos J. Bernardos

Authors: G. Papadopoulos, P. Thubert, F. Theoleyre, CJ. Bernardos

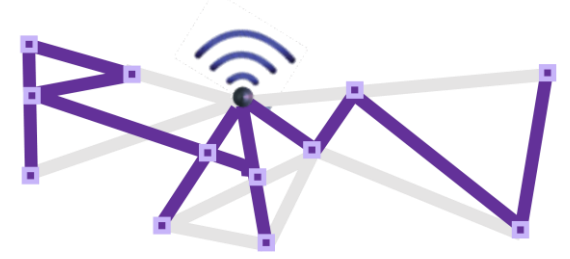RAW - IETF 111

Use cases in the draft

- Aeronautical Communications

- Amusement Parks

- Wireless for Industrial Applications

- Pro Audio and Video

- Wireless gaming

- UAV and V2V platooning and control

- Edge Robotics control

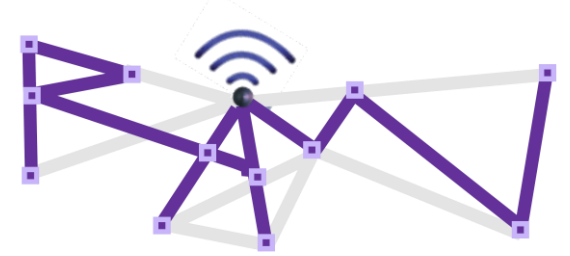- Emergencies: Instrumented emergency vehicle

Use case structure

- Use Case Description

- Specifics

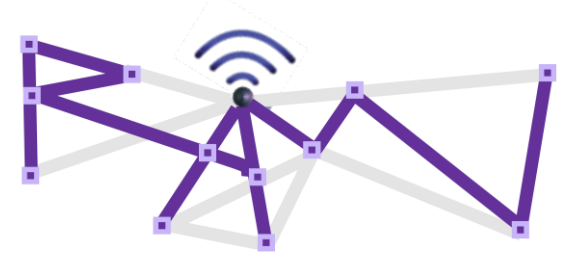- Challenges

- The Need for Wireless

- Requirements for RAW

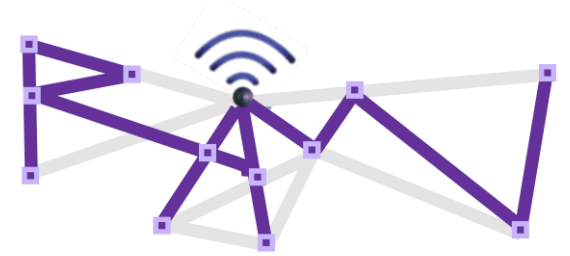draft-ietf-raw-use-cases-02

Next steps discussed in IETF110

- Next steps:
  - Input from WG always welcome (structure, relevance of use cases, etc)
  - ~~Collaboration and alignment with draft-ietf-raw-architecture~~
  - Work towards including requirements, not only use cases
  - ~~Integration with draft-sofia-raw-industrialreq-00~~
    - Include a compressed version of it / merge / ~~other~~?
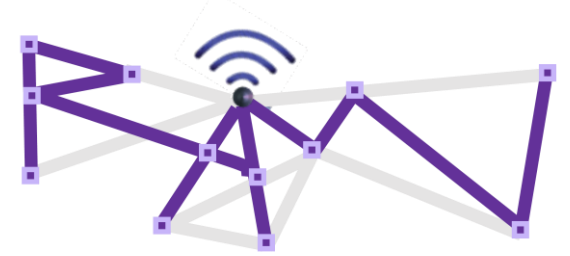
Summary of changes

- Checked terminology for consistency with draft-ietf-raw-architecture-00

- Added reference to draft-sofia-raw-industrialreq-00

- Generalized use of UAV to refer to vehicles in general

- Added a summary section
  - Added some text about non-latency critical communications
    → Question to the WG (see next slide)

Questions to the WG (I)

- RAW is not only about latency critical communications
  - Some use cases are related to non-latency critical communications, that do require high reliability and availability, e.g.:
    - Wireless Gaming,
    - UAV and V2V platooning and control,
    - etc.

- I think non-latency critical communications deserves some special attention, maybe adding a sub-section "X.4.1 Non-latency critical communications" under "X.4 Requirements for RAW"

Questions to the WG (II)

- We discussed and agreed in the past include the "Requirements Document" part of the charter in the use cases document
  - It already includes a sub-section "X.4 Requirements for RAW" per use-case

- Do we want to develop this further?
  - By adding a wrap-up req. section at the end listing all?
    - Pros: it might be cleaner for the reader
    - Cons: different use cases have different requirements
  - Maybe it's sufficient as it is…

Next steps

- Is there anything the WG feels needs to be updated/improved/added/removed?

- If not, maybe it's time to ask for some good reviews before going WGLC
  - Question to the chairs ;)