

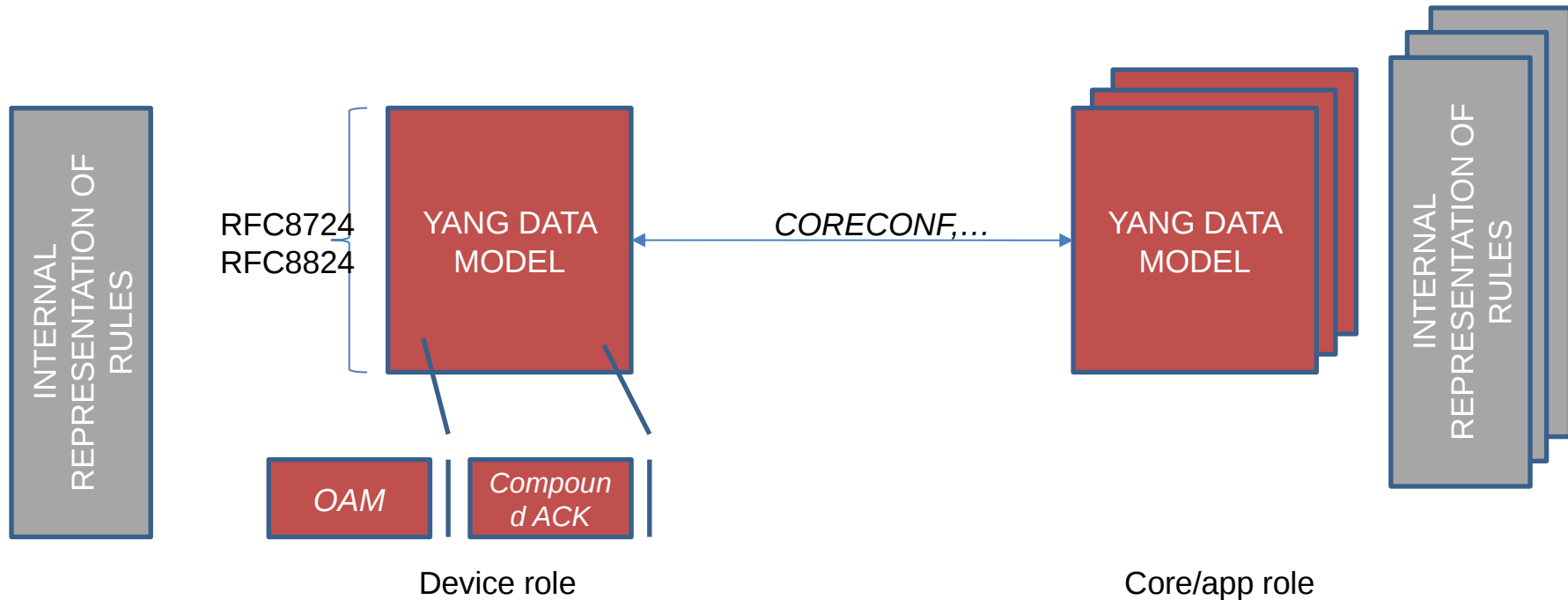
# ARCHITECTURE PROPOSALS

Authors:

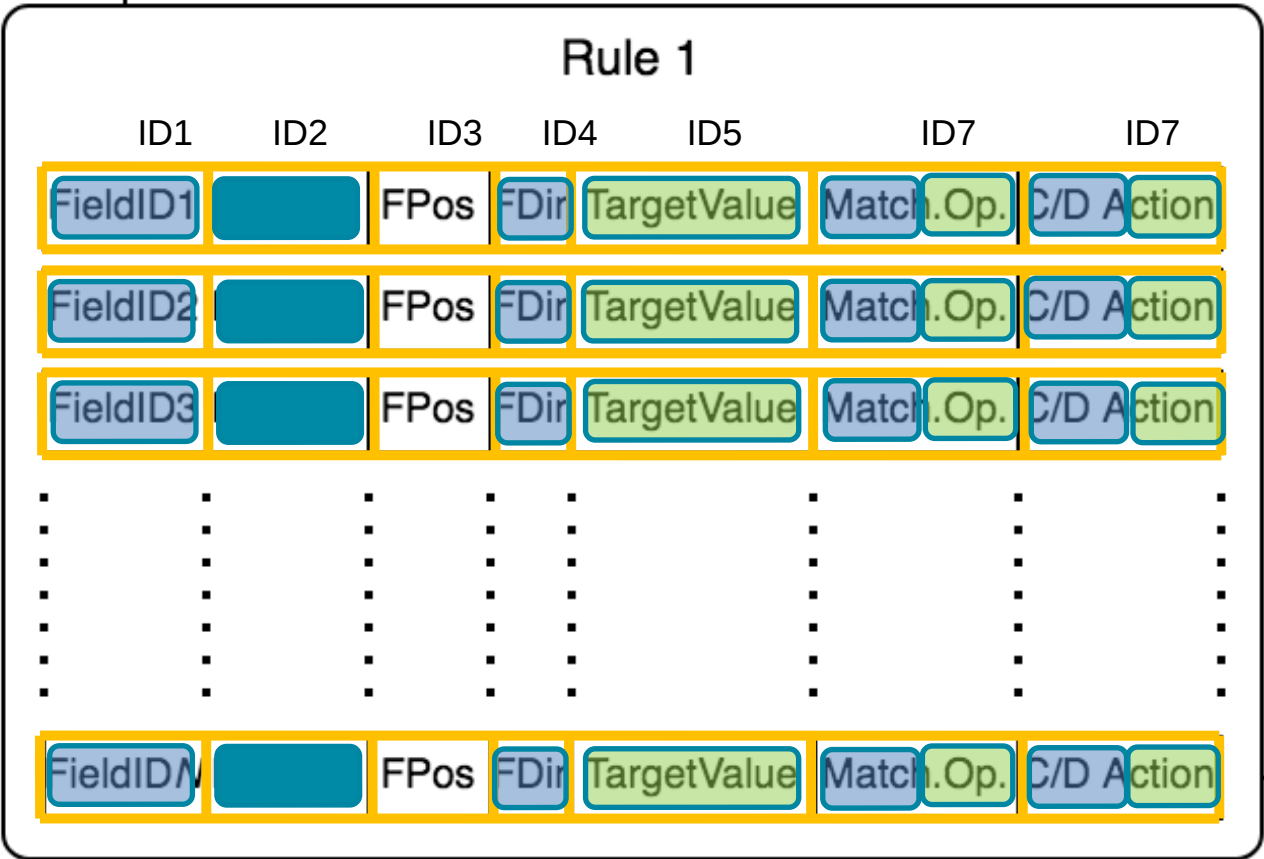
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# ARCHITECTURE



# COMPRESSION RULE



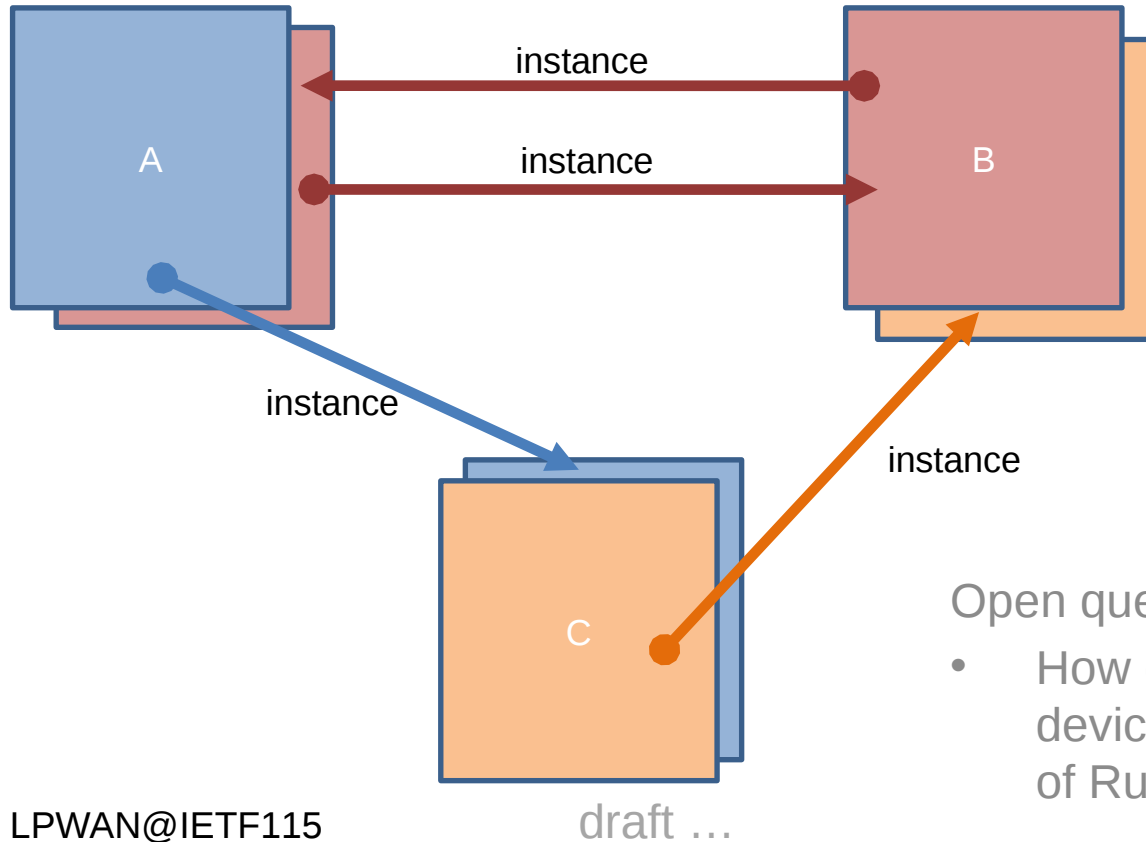
# Security Questions:

- Security considerations:
  - Avoid a device to manipulate other devices in the core
  - Device MUST only manipulate its own rules
  - Avoid a device to write a specific part of the rule in the core/app
    - Current r/w protection mechanisms are based on YANG leaves
    - Not enough to avoid to change the TV when FieldID is App prefix.

# Securing management exchange

- Securing management exchange:
  - What are the IP addresses of dev and core/app instances ?
  - Define an optional security layer
  - Propose compression rules management protocol.

# Mesh Network – draft-martinez-lpwan-meshed-rules-00.txt



Approach in Arch draft:

- A Set of Rules per Instance / Session
- In a mesh it means multiplying by the number of rules since a node may be Dev or App

Open question :

- How do we identify the role of a device without defining several Set of Rules per device?