

# YANG Modeled Telemetry over CORECONF

5 min version (includes speed-talking presenter)

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# Context

- Binary YANG transfer protocol
- Device-Type Scope
- Subscriptions via CoAP for COMI
- Configured Subscriptions and Call-Home
- Bootstrapping of Drop-Shipped Pledges

# Problem Statement

- “There is no complete solution based on CoAP to enable a freshly unpacked YANG data store ("drop-shipped pledge", e.g. the cliché light bulb) to discover an appropriate home it can than Call-Home to in a secure and trusted manner in order to push (un-)solicited subscribed notifications.”
- Identified Gaps
  - FETCH Body media-types for Filter Expressions
    - Filter Expression encoding
  - CoAP Call-Home
  - Discovery / Join Mechanism for CoAP-based solutions (CORE WG)
    - Unkown Home / Changing Homes