OCF Alignment and Collaboration

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Chances

- oneIoTa: RAML
  - Vocabulary for IoT resources
  - JSON schema for representation formats
  - Textual descriptions that have to be implemented by a human → hard to adapt to change
- Domain-specific vocabulary for W3C WoT TD
  - Widely-accepted lexicon + compositional semantics (position paper by Ravi Subramaniam)
- CRUDN and protocol bindings
  - XMPP request/response definitions
  - BLE binding

Problems

- Sync with IETF drafting work
  - An OIC Device shall use "Alternative L3" as defined in IETF draft-tschofenig-core-coap-tcp-tls-04
  - Why not follow current draft version?
  - Why not participate in IETF WGs?

- Details, e.g., wrong usage of response codes (e.g., ping)
  - Client: PUT /oic/ping {interval: 2}
  - Server: 2.03 valid → 2.04 Changed
  - "Mime Types" → Internet Media Types

Questions

- TCP KeepAlive only guarantees that a connection is alive at the network layer, but not at the application layer → ?

- oic scheme in URI

- fr   From The URI of the message originator. → bindings? oic URIs?

- ri   Request Identifier The identifier that uniquely identifies the message in the originator and the recipient. → Token?