

Device and Device SDK Working Group

Notes for August 5 2019

C SDK

- Retry behavior when contacting Registry is now configurable
- version endpoint implemented
- ValueDescriptor creation is optional

Go SDK

- Device create/update/delete notifications pending final approval

Device Names

- Spaces should be permitted in a device name. Failure to process such device names is a bug and issues should be raised if this is encountered

Provision Watchers

- Current design in core-contracts #111 agreed

Query Parameters

- Implemented in Go SDK. An additional attribute is generated from the query string and passed to the implementation.
- Will not be available for PUT operations.
- Future: Parse individual elements, pass down separately from the attributes, define a namespace for parameters that will be processed by the SDK.

Errors from device calls

- Implementation currently only able to indicate success or failure
- Geneva: allow for passing back more detail, eg http return code and information
 - Note that edgex-go #1573 applies – we should be dealing in response objects, not string literals

Readings Cache

- Parked pending practical use case and requirements

Blackbox Testing

- First example test using the new framework now written
- New tests to follow shortly