

# Device and Device SDK Working Group

## Notes for August 12 2019

### Status updates

- C SDK
  - ValueDescriptor changes merged
  - Query strings for device GET operations merged but documentation required
- Go SDK
  - Device create/update/delete notifications merged
  - Fix for multiple device add invocations needs rebase
- Device Services
  - Bluetooth, BACnet services to be added in -holding this week
- Core EdgeX
  - ProvisionWatcher updates merged to core-contracts

### Blackbox Testing

- Cloud gave a presentation showing the prototype for device service tests using the Robot framework. The initial target is to reproduce the Postman-based tests and expand from there.
  - Can be extended to operate in non-docker deployment modes
  - Is also likely to be useful for testing other services
  - Code will be added to edgex-taf repository once it has been appropriately structured

### Proposed enhancements

- Provide commandline option to replace an existing registry configuration with one provided from file (Go SDK #342)
  - This should not be problematic to implement, and helps with snap-based deployments
- Add a standard means of indicating the on-device type information for a resource (Go SDK #339)
  - As on-device types may differ substantially between device classes, perhaps this should be left as something to define in DS-specific attributes