Core Working Group Meeting Notes (13-Dec-2018)

Attendees:

Old Business
• Progress Updates
  o Logistics RE: blackbox tests
    ▪ For now, keeping these as separate repos
    ▪ Expecting PRs in both repos where API or behavior is modified.
  o Mongo driver update
    ▪ Hopefully PR 915 will be merged by the time of the meeting
    ▪ Thanks Lenny @ Intel
  o Abstraction Layer for Consul (Issue 797)
    ▪ Any updates / questions?
      • Assigned to Lenny @ Intel
        ▪ Still pending, been working on the Mongo driver
        ▪ Additional discussion items, next week’s Security/Core WG call
          • Interaction with Vault, is this part of abstraction responsibility?
  o CBOR
    ▪ Kick-off review was held with Tobias @ Intel
• Consul Readable/Writable Proposal
  o Proposal was circulated to the Core-TSC email list
  o Comments received from Cloud Tsai (IOTech)
    ▪ Point about Writable settings within the Readable tree
      • I personally think we should disallow this.
  o Discussion on disparity between bootstrap and watcher
    ▪ Service client bootstrapping
      • Inconsistency
        ▪ Bootstrap – clients init from config
          ▪ Configuration of Consul itself, but this has to come from somewhere
        ▪ Monitor – clients refresh from Consul
          ▪ If Consul = Y
            ▪ Both should happen from Consul
          ▪ If Consul = N
            ▪ Clients init from config always
            ▪ Potentially monitors don’t fire either TBD
      • Did some research on this pending creating an issue and found this inconsistency is NOT what is happening. If a service is started using –consul then both bootstrap and monitor are Consul driven.
        ▪ Agreed
  o Versioning continued
    ▪ Some suggestions include
      • Indicator of version at root, key value??
        ▪ Version = 0.7.1
• Build version into top-level path
  o /edgexfoundry/0.7.1/edgex-core-data
  o /0.7.2/edgex-core-data
  o /1.0.0/edgex-core-data

MIHall – Brought up an additional category of device-services, if they version differently from core, how to handle?
  • Proposed an “org” prefix (edgexfoundry)
  • “exf” LF copyright synonym

Lenny – What about migration from one version tree to another?
  • Possible
    o /0.7/ -- dot releases can add keys only. Preserves customized settings in long running Consul environment
    o Major versions – incompatible, no migration (similar with possibility of API changes)

New Business

• Persistence = “File” in support-logging should not be allowed
  o https://docs.edgexfoundry.org/support-logging.html
  o It’s OK to configure the service this way, but certain queryable endpoints will return a “Not Supported” HTTP code

• Proposal: Eliminate internal/pkg/db/memory
  o OK

• Proposal: Upgrade Gorilla MUX from 1.3.0 → 1.6.2
  o OK