Core Working Group Meeting Notes (1-Aug-2019)

Attendees:

Old Business
• Update on Value Descriptor responsibility shift
  o PR 1557 merged – core service functionality
  o Disabled by default, setting in configuration.toml
  o Follow-up PR #1603 to address some issues
    ▪ Waiting for Anthony to return from vacation
• General concerns about containerized bootstrapping
  o Reasons for 1.0.1 release
  o Greater complexity and timing needs w/security enabled
  o Related to coordinating service timings
    ▪ Discussed proposal related to storing a semaphore file on FS – mapped volume (docker) or local (Snap, native)
  o Punting until next week
    ▪ How are other platforms solving this problem?
    ▪ Define if we need different solutions for HA versus non deployments
  o Keeping docker-compose solution
    ▪ Security WG has tasks to accomplish to account for retries and coordination of their workflow
    ▪ Uniquely identify these and bring to Security meeting next week
    ▪ Ensure that the solution doesn’t constrain the services to only work via docker-compose
    ▪ Fallback plan for what if this doesn’t happen?
  o Open question related to service creation of its own configuration/certs
    ▪ w/r/t certs clarify usage and generation @ next week’s Security WG
    ▪ Could this be done internal to each core service?
• Consul API import
  o Respond to Hashicorp issue Jim created asking about API v0.6.0 support comment in README
  o Asked Lenny to verify that import of the API v1.1.0 module works for next week
    ▪ Update reference in go-mod-registry
    ▪ Config-seed, config watcher (Writable update) and so on

New Business
• Discussion of querystring support for commands
  o https://github.com/edgexfoundry/edgex-go/issues/1564
  o https://github.com/edgexfoundry/edgex-go/pull/1571 (Example PR)
  o Sounds like supporting this on GET would satisfy the use case
    ▪ PUTs don’t return a response.
  o Validation of querystring params
    ▪ Responsibility on Protocol Driver
    ▪ What is the basis of this validation?
    ▪ Might not be doable for Fuji. Alternative is pass-thru.

• Geneva as v2.0.0
  o What does this mean for our API URLs?
  o Need to determine scope – Does it touch the whole API or just specific endpoints?
  o We do have cross-cutting enhancements that could revise the whole thing
    ▪ Like Request/Response objects
  o Thoughts from other application teams (DS, App) on integration
  o Discussion around backward compatibility w/r/t preserving the v1 endpoints in the services.
    ▪ Maintain v1/v2 endpoints both in Geneva?
      • Based on semantic package import versioning guidelines from Go community
      • Trevor showed POC for how this could work (Add Device)
      • Means v3/v4/v5 going forward
      • Too fragile?

• Any open items??