EdgeX Security WG Meeting

https://wiki.edgexfoundry.org/display/FA/Security+Working+Group
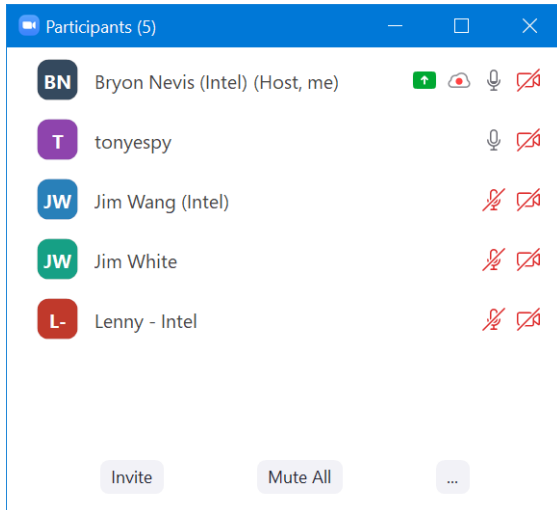
April 6, 2022

Attendees

Agenda

- SPIFFE/SPIRE Delayed Start ADR Status Update
  - Most recent change is to build spiffe/spire in source (needed for aarch64)
  - Need update app-functions-sdk and app-service-configurable to enable delayed start capabilities
  - Clarification: we are pulling in the updated go-mod-bootstrap in app and device services to be able to use delayed-start services, however, NOT TURNING IT ON by default. edgex-go will default to not compiling in SPIFFE support once we figure out how (via build tags)
    - Support services are tricky. There is a use case for it because might not want support-services to start immediately. Space vs functionality tradeoff. Should allow selection via MAKE variable. Jim White recommends all one-way-or-the-other (for the whole monorepo).
  - Still need to roll out configuration.toml changes (will put together a template, Jim White will help out with the drudgery)
- Supporting delayed start services in snaps. What needs to be done:
  - Identify new services (in edgexfoundry snap, for the core services)
    - The four delayed start support services are **optional** (disabled by default)
  - Need to identify the proper overrides (snap configuration to edgex configuration)

- - - Example the docker entrypoint scripts and break them out into install-time and run-time activities
    - Shouldn't be any work needed for app services or device services
    - Tony will work with Farshid to finish the scoping

  - Future agenda item:
    - Rebuild Jakarta docker images to refresh base images post-Kamakura
    - AR: Bryon. Tabulate the current state of the Jakarta images

  - Bin list
    - Nik Huge - present enhancement request for identity at the edge?

Standing Agenda

- [Review Security Board](#)
- [Securing Consul Board](#) (skip)
- [Review CIS docker scan](#) (will skip unless something changes) (click latest run, go to classic, view console output).
  - Last checked: Tue Nov 16 05:36:01 UTC 2021
- [Review Snyk](#) ([Jenkins](#)) (will skip unless something changes) ([Imagelist](#))
  - [https://app.snyk.io/vuln/SNYK-GOLANG-GOLANGORGXTEXTINTERNALLANGUAGE-2400718](#)
  - build(deps): bump github.com/go-playground/validator/v10 from 10.10.0 to 10.10.1 #706 merged yesterday
- Review action items from previous week

Action Items

- 7/14/21: Bryon: Update security policy documentation w.r.t. when to use GitHub security advisories to notify users of issues.