EdgeX Security WG Meeting

January 4, 2023

Attendees
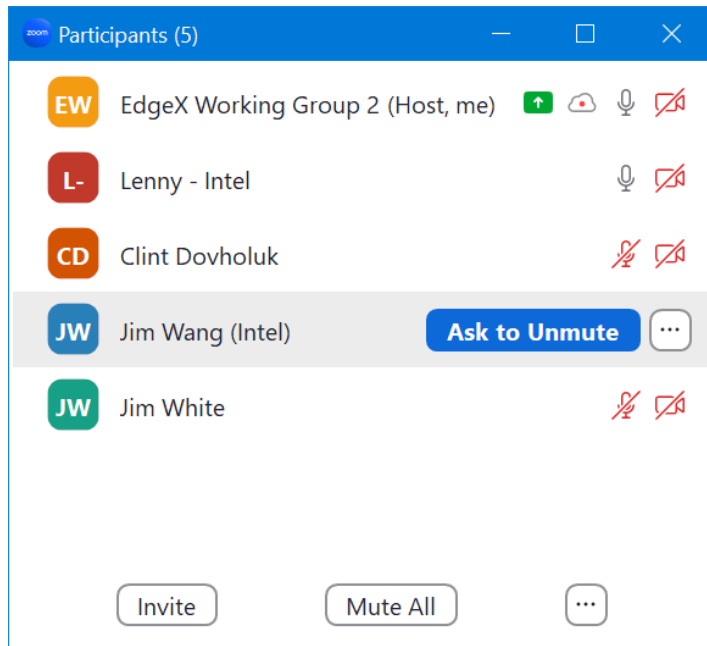
Agenda

- Microservice authentication UCR
  https://github.com/edgexfoundry/edgex-docs/pull/898

- Snyk review
  - AR: Bryon: Update go-spiffe libraries to resolve http2 golang CVE.

- OpenZiti prototyping
  - Recommend branch v2.3.0 (from tag) on edgex-go and levski (branch) on edgex-compose
  - Start without security enabled
  - Look into Hybrid environment
    https://docs.edgexfoundry.org/2.2/getting-started/Ch-GettingStartedHybrid/

    Getting tokens help

"make get-token" will generate a JWT for use as a bearer auth with Kong.

"make get-consul-acl-token" will generate an API key for use with the Consul UI.

Vault tokens are generated to
/tmp/edgex/secrets/<service-key>/secrets-token.json

There is a documentation chapter for generating secret store (Vault) tokens for services that EdgeX doesn't know about a-priori:

https://docs.edgexfoundry.org/2.2/security/Ch-Configuring-Add-On-Services/

There is also a way to get the Vault root token out, akin to using SSLKEYLOGFILE to get TLS session keys out for wireshark.

Standing Agenda

- Review Security Board
- Review CIS docker scan (will skip unless something changes) (click latest run, go to classic, view console output).
  - Last checked: August 3, 2022 – as expected
- Review Snyk (Jenkins) (will skip unless something changes) (Imagelist)
- 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.