# **EdgeX Security WG Meeting, 02/19/2020**

Attendees: Trevor, Tingyu, Michael Estrin (DELL), Bryon, Adam, Lenny, Beau, Jim, Mike (Intel), Diana, Malini (VMWare), Jim W ( IoTech), Kevin Chen, Collion ( KONG)

Others may have joined after the meeting

## **Agenda**

## Security audit: Snyk report & process

## Issue #2344 discussion follow up

## Security objectives for EdgeX & APIs

* Issue of <https://github.com/edgexfoundry/edgex-go/pull/2381>

Security audit: Snyk report & process

* Consul update due to the Synk report in progress
* Edgex-Volume issue related to Ubuntu image, could be fixed by Ubuntu auto-upgrade,
	+ Edgex-volume needs to be scratch or other small size image based,
	+ Action to be taken: investigate and fix it as it is low priority but low hanging fruit
* Mongo update issue
	+ Need to be addressed as it is supported until it is gone

Issue #2344 discussion follow up

<https://github.com/edgexfoundry/edgex-go/issues/2344#issuecomment-583589139>

* General guideline about sensitive information is needed
* Core working group has a general discussion on the topic,
* Suggest to define a range of category that may include sensitive information and offer steps to handle them
* Define what is error that is abstracted from the language
* An issue may be needed to continue the discussion.
* What version we are trying to target, v1 or v2?

Security Objects for EdgeX & API

* There is no universal authentication solution, we have to specify solution at some point
* KONG is the gatekeep for V1 due to the RESTful interface in major position. Transport agnostic in V2 (if agreed) will require extra mechanism.
* Is it possible to utilize KONG to protect extend to lower level layer of ISO model? Beau (Intel) suggests to use KONG to proxy TCP layer with sidecar pattern.
* KONG is able to proxy TCP

Issue of <https://github.com/edgexfoundry/edgex-go/pull/2381>

* This is only for dev mode