

System Management WG Meeting: 1/8/19

Attendees: Attendees that may have joined after the start of the meeting may not have been captured and listed.

Discussion and action items as a result of meeting in **RED**

Old Business

- Start/stop/restart EdgeX micro services – redesign API
 - Akram has docker-compose functionality working with DinD.
 - Now need consistent API to address – review proposed design document
 - Start/Stop/Restart via docker-compose
 - Start/Stop/Restart via external app (could be script, could be snappy exec, ...)
 - Allows for 3rd party extensions or other approaches in the future.
 - Go Plugins only work in Linux envs today
- After start/stop...
 - Go C SDK API work to be done
 - Add CPU usage metrics (in addition to memory usage metrics)
 - Additional API (and pass through to the services) to be added to the SMA
 - Look at abstraction around metric APIs to allow for other implementations going forward
 - Example: allow memory and CPU metrics to be provided by external executable
 - Add health/status check of the services to the SMA
 - This will be a call through to the configuration/registry service (Consul)
 - Allows a single point of entry for all EdgeX control plane needs
 - Stretch goal – provide a translation layer (with abstraction) to offer SMA API via other protocol (like LWM2M, SNMP, etc.)
 - At last meeting, merits and options like SNMP, plain REST (as is) or MQTT were discussed as was OneM2M
- Long term road map update (see separate doc for this meeting)
 - <https://wiki.edgexfoundry.org/download/attachments/329501/EdgeX%20Foundry%20System%20Management%20Roadmap-11-26-18.pdf?version=1&modificationDate=1543285863433&api=v2>

New Business

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