

## System Management WG Meeting: 7/30/19

**Attendees:** Jim, Akram, Trevor (Dell), Rodney (Beechwoods), Joe (IBM) . 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

- Open Horizons sub-project
  - State of current POC
- Fuji Work
  - Metric collection by Executor – demo/discussion by Akram
    - What about RAML – how will choice of metric be documented?
      - We will need to provide some examples. This is not just a which executor issue. Different metrics could come from a C vs. Go service for example.
  - Set Configuration – current status
    - Questions:
      - Set of many parameters?
        - Not for this release. Registry API only does one or all at this time.
      - Set of readable parameters & restart?
        - Not for this release. Could do this by setting your own configuration (via Consul) and then calling SMA to restart, but not as autonomous operation.
  - Still to be done
    - Start/stop/restart all done by the executor to include stop/restart of SMA
      - Executor tracks completion and returns results
      - SMA used to be the “watcher” or the single service that stays up.
      - This is changing so that the executor stays up but not SMA
    - Safe shutdown (per last meeting)
      - Let the service decide what is part of “shutdown” operation. Each service should provide a “shutdown” function – that does the exit, but service can override and have a way to prevent immediate shutdown or wait for something to finish before it shutdown. Need to work out the details of what is returned from this method.
      - May have it already through Destructor operation in each service
      - Kill it in the right manner to make sure Destructor function fires

### New Business

- Meeting moved to every week while we have several work streams going – same 10am CDT time
- Management tools matrix
  - Requirements
  - Management and other tools to explore
  - Change Portainer to Portainer Edge

- The matrix will be available on the System Management WG sight once reviewed and ok'ed by Jeremy Phelps from Dell.
- What could we do for self-certification for network management? Something to consider with Cert WG going forward.
- Does SMA have RAML, QA Tests, requirements doc – for purposes of self-assessment? Yes to all – although maybe not as tidy in one document as we'd like.
- Edgex CLI – will be covered next week with Alex returns from vacation
  - Code currently in holding (see TSC July 10 meeting recording for demo)
  - Need review and approval by this group to TSC to move forward
  - What's MVP to accept this and bring it to edgexfoundry GitHub organization
    - Unit tests
    - Should work with EdgeX security proxy/API gateway
    - Services are currently determined by hardcoded ports
      - Need services and ports to be configurable (manifest?)
    - Other commands needed for Fuji?
  - What would be “released”? Would there be artifacts? If so, how are they to be managed, versioned, etc.?