

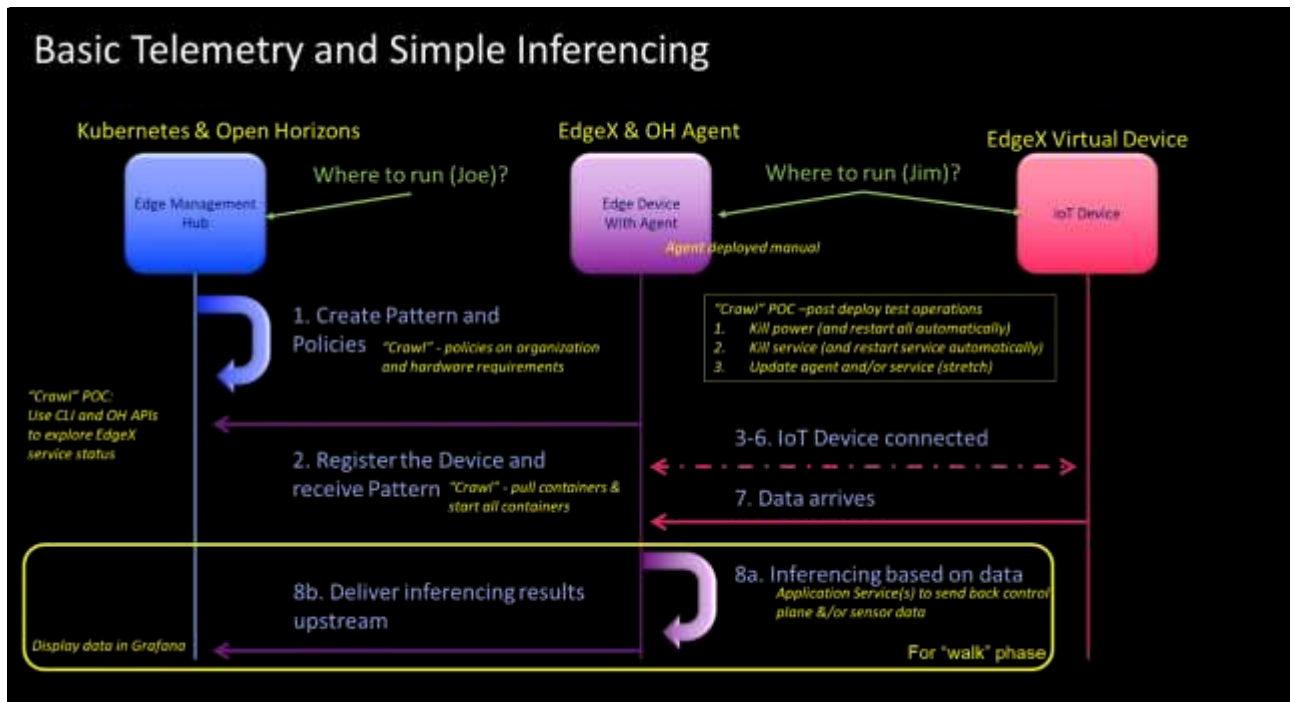
## EdgeX-Open Horizons Project Meeting: 7/1/19

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

- Outlined a POC project between EdgeX & Open Horizons (see diagram)



- Use OH (with Kubernetes) to deploy and start EdgeX
- OH Agent will be deployed manually to EdgeX host environment
- OH server and agent deploy EdgeX containers to host based on sample policy (one that includes organization and hardware requirements in it).
- Agent starts EdgeX
- EdgeX Virtual Device will be used to simulate sensor data collection. During the crawl phase, nothing is done with the data collected.
- Additional tests/demonstrations to be done with Crawl phase
  - Test that if the EdgeX host loses power, OH can restart EdgeX without issue
  - Test that if a single EdgeX service is killed, OH can detect and restart the service without issue.
  - As a stretch goal of the crawl phase, OH updates the agent and/or a service.
- The OH CLI or API set would be used to demonstrate management of the EdgeX instance and view of EdgeX status information (what's up/down/etc).
- Action items for next meeting:

- Joe to find place for OH/Kubernetes to run in the cloud (Akraino test environment?)
  - Jim to find place for EdgeX/Agent to run
- Walk phase would explore:
  - EdgeX application services sending sensor and/or system management metrics to OH
  - OH would use a tool like Grafana to display the sensor or service metric data
  - Use of application services could filter some data
- This POC would allow Open Horizons to make determinations about where / whether the project exists on its own, as part of LF Edge, as a sub-project within EdgeX, etc.
- Ike providing more details on ONAP and how this type of integration might report into an ONAP environment in the future

New Business

None