Meeting Notes May, June, July 2020

July 28th, 2020

Agenda:

- KubeEdge is applying for CNCF Incubation: https://lists.cncf.io/g/cncf-toc/message/5015
  - non-binding votes from the community as a sign of support
- Open Source Conference China: July 31st
- KubeCon EU: Aug 17th,
  - keynotes and virtual booth are free
  - contact Yin if you need tickets
- GSMA OPG
- Next week:
  - Jeff's talk: Introduction of ASR offloading (automatic speech recognition)
  - Feng's talk: architecture
  - Neal: to schedule OpenVino intro

July 21st, 2020

Agenda:

- Demo current Type I
- Model management design discussion

July 14th, 2020

Agenda:

- KubeEdge BP Documentation
- Table in Release 4 page
- Arm Support:
  - Trevor Tao (Trevor.tao@arm.com) and Dave Chen(Dave.chen@arm.com) will help on Arm support.

- Lab Support: Intel could help. We will need in August
- Demo - next Tuesday, after going feedbacks preparing demo in TSC meetings
- signologic talk- in 2 weeks?
- Roadmap:
  - planning on future types, welcome ideas or suggestions.
  - OPENVino
  - Arm on ML offloading - within Type I, validation only?

July 7th, 2020

Agenda:

- Quick intro around table
- IEC collaboration:
  - Intro from Trevor Tao: PTL of IEC
  - Nvidia drivers: *IEC type 3* has working Nvidia and Arm
- Cloud Native Virtual event China Keynote: KubeEdge application in a Highway toll system
- AI stack plan:
- Release 4 verification:
  - set up wiki page:
  - code repo: support.linuxfoundation.org
- Next week:
  - AI stack design discussion
  - Demo current Type I in Futurewei Lab

June 30th, 2020

Agenda:

- Akraino review procedure review: prepare for submission
  - follow the template
  - 2nd Lab - to find another x86 server with GPU (edge server)
  - Need to refer to: 5 Steps, The AI Edge: Federated ML application at edge, BluVal Certification of The AI Edge: Federated ML application at edge
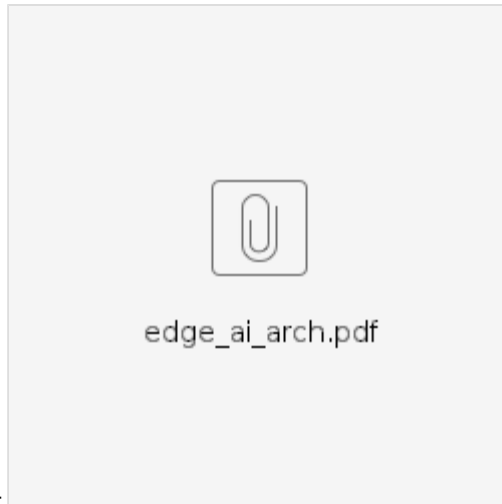
June 16th, 2020

Agenda:

- OpenVINO introduction and discussion
- Apply for Slack channel for discussion
- Akraino review procedure review: prepare for submission
    - follow the template
    - CI/CD
    - ...

June 9th, 2020

Agenda:

- Federated AI framework

edge_ai_arch.pdf

Presentation slides:

June 2nd, 2020

Agenda:

- SDEWAN Intro and discussion

SDEWAN-introdu...on-roadmap.pdf

Presentation slides:

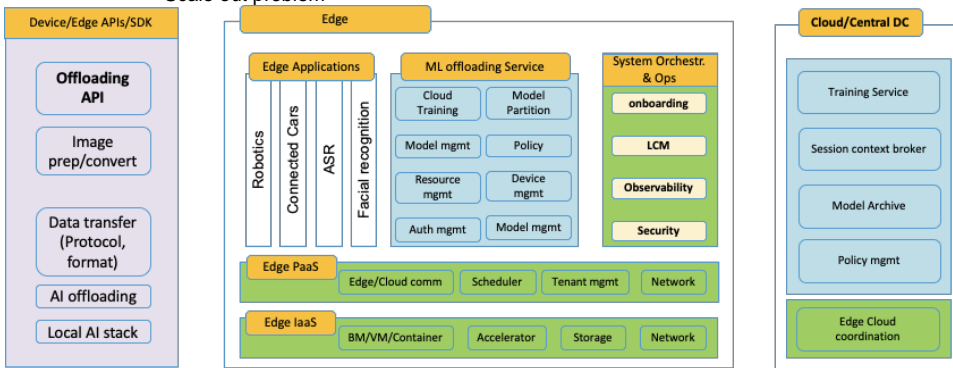**May 26th, 2020**

Attendees:

Agenda:

- Offloading service API

May 12th, 2020

Agenda:

- **Release 3 review: (not participate)**
- **Roadmap:**
    - Current offloading planning chart:

- Q: Data rate? Buffer service?
- should the device and edge negotiate data rate/ frame rate for camera app? throttling service?
- local data management: cache on edge and upload to cloud archive later.
- Scale out problem

May 10th, 2020

Agenda:

- **Architecture discussion:**

May 5th, 2020

Attendees:

- Yin Ding - Futurewei
- Tina Tsou
- Neal Oliver
- Jane Shen
- Le Yao

Agenda:

- **Introduction**
- **Type I Release Plan:**
  - ML Offloading, targeting at Release 4
- **Facilities:**
  - Repo
  - Lab: expose external port access, new machines
  - Documentation:
  - Demo: community marketing to do