# 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,
  - o keynotes and virtual booth are free
  - o contact Yin if you need tickets
- GSMA OPG
- Next week:
  - o Jeff's talk: Introduction of ASR offloading (automatic speech recognition)
  - o 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:
  - o 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:
  - o 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:
  - o Intro from Trevor Tao: PTL of IEC
  - O Nvidia drivers: IEC type 3 has working Nvidia and Arm
- · Cloud Native Virtual event China Keynote: KubeEdge application in a Highway toll system
- Al stack plan:
- Release 4 verification:
  - o set up wiki page:
  - o code repo: support.linuxfoundation.org
- Next week:
  - o Al stack design discussion
  - Demo current Type I in Futurewei Lab

## June 30th, 2020

# Agenda:

- · Akraino review procedure review: prepare for submission
  - o follow the template
  - $^{\circ}~$  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

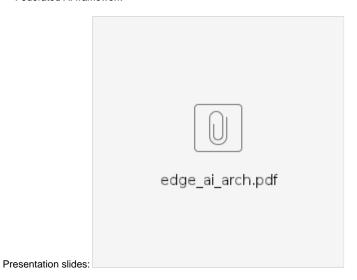
#### Agenda:

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

## June 9th, 2020

## Agenda:

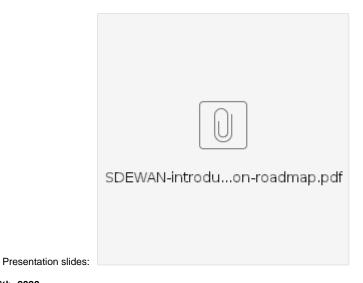
• Federated AI framework



## June 2nd, 2020

#### Agenda:

• SDEWAN Intro and discussion



May 26th, 2020

#### Attendees:

## Agenda:

Offloading service API

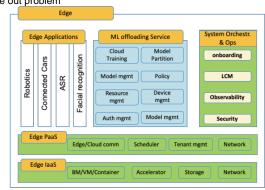
# May 12th, 2020

# 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