

PCEI Blueprint Minutes 2020.12.09

Time

5pm, Wednesday, Pacific

Attendees

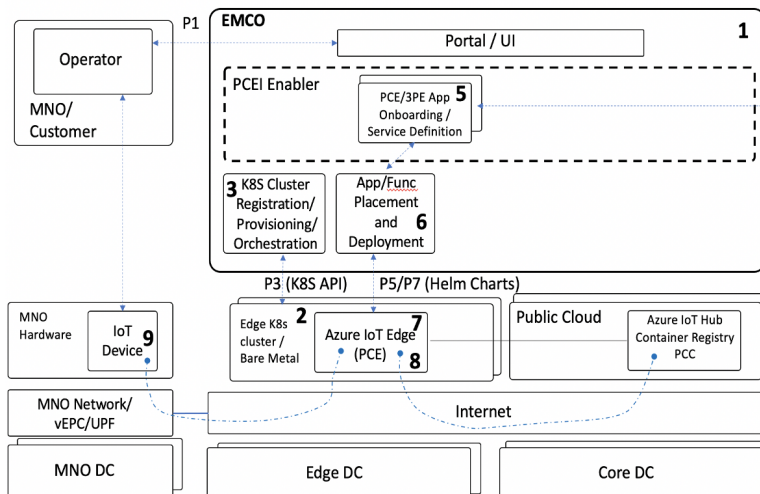
- [Oleg Berzin](#)
- [Mehmet Toy](#)
- [Tina Tsou](#)
- [James Li](#)

Agenda

- Update on ETSI MEC and MEF LSO architecture mapping - [Mehmet Toy](#)
- Update on development efforts/plan using EMCO for PCEI Enabler implementation

- Demonstration of deploying and running Azure IoT Edge (containerized) using EMCO

1. Deploy EMCO using Aarna AMCO distribution.
2. Deploy worker Edge K8S clusters (also using Aarna scripts)
3. Onboard the worker K8S clusters onto EMCO using EMCO UI
4. Package Azure IoT Edge and AWS GGC Helm charts into EMCO application tar files
5. Onboard Azure IoT Edge and AWS GGC as a service/application into EMCO using UI
6. Deploy Azure IoT Edge onto the worker Edge K8S cluster
 - a. Azure IoT Edge required to deploy a custom CRD
7. Deploy AWS GGC onto the worker K8S cluster
8. All pods came up and registered with Azure cloud IoT Hub
9. Deploy a custom LoRa IoT module into Azure IoT Edge on the worker cluster
10. Successfully pass IoT messages from a simulated IoT device to Azure IoT Edge and IoT Hub



1. Deploy EMCO on K8S
2. Deploy Edge K8S clusters
3. Onboard Edge K8S clusters onto EMCO
4. Package Azure IoT Edge and AWS GGC Helm Charts into EMCO application tar files
5. Onboard Azure IoT Edge and AWS GGC as a service/application into EMCO
6. Deploy Azure IoT Edge and AWS GGC onto the Edge K8S clusters
7. All pods came up and register with Azure cloud IoT Hub and AWS IoT Core
8. Deploy a custom LPWA IoT module into Azure IoT Edge on the worker cluster
9. Successfully pass LPWA IoT messages from a simulated IoT device to Azure IoT Edge, decode messages and send Azure IoT Hub

- Discussion on how to proceed with the R4 development plan
 - Doc committee review date
 - TSC review date
 - CI/CD Plan
 - Security Plan
 - API Plan
- [Jane Shen](#) to review a new proposal/type of PCEI BP under the same family

Minutes