

PCEI Blueprint Minutes 2020.11.18

Time

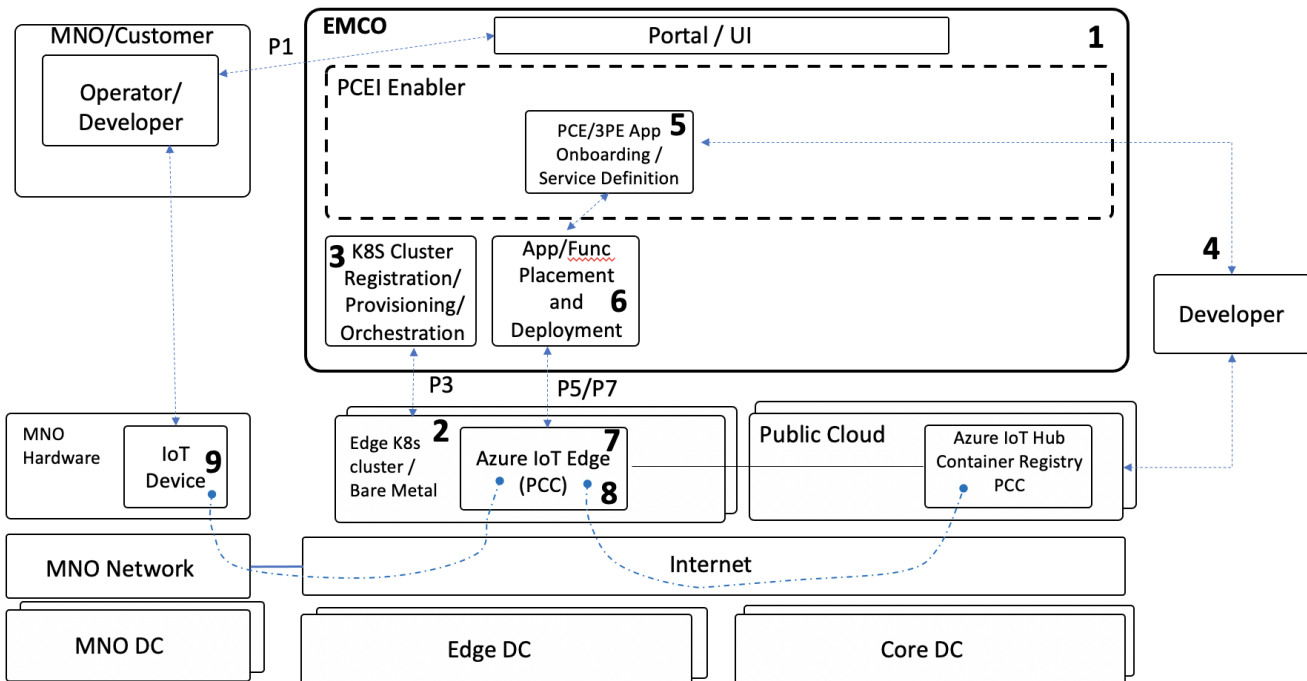
5pm, Wednesday, Pacific

Attendees

- Oleg Berzin
- Suresh Krishnan

Agenda

- 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 AMCOP distribution.
 2. Deploy a worker Edge K8S cluster (also using Aarna scripts)
 3. Onboard the worker K8S cluster onto EMCO using EMCO UI
 4. Package Azure IoT Edge Helm charts into EMCO application tar files
 5. Onboard Azure IoT Edge 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. All pods came up and registered with Azure cloud IoT Hub
 8. Deploy a custom LoRa IoT module into Azure IoT Edge on the worker cluster
 9. Successfully pass IoT messages from a simulated IoT device to Azure IoT Edge and IoT Hub



- Discussion on how to proceed with the R4 development plan

Minutes