

PCEI Blueprint Minutes 2020.09.16

Time

5pm, Wednesday, Pacific

Attendees

- [Oleg Berzin](#)
- [Gao Chen](#)
- [Jian Li](#)
- [Suzy Gu](#)
- [Tianji Jiang](#)
- [xinhuli](#)
- [Wei Chen](#)
- [Cindy Xing](#)
- [Tina Tsou](#)

Agenda

- Azure IoT Edge Demo. Demo setup:
 - IoT Edge deployed in an Ubuntu VM on Openstack
 - Cumulus Virtual Router front-ends IoT Edge and provides routing to Azure core cloud and IoT network(s)
 - Azure ExpressRoute private connection between IoT Edge/VR and Azure IoT Hub
 - Mobile core (S/PGW) providing access to a mobile device (a combo of a real RPi and a simulated 4G access)
 - A simulated IoT sensor on RPi sending random atmospheric pressure, temperature and humidity readings in the low power encoding to the IoT Edge
 - A custom module on the IoT Edge reading the IoT data, decoding the readings and publishing messages to IoT Hub in Azure core over MQTT over the ExpressRoute connection

Minutes

- Please register for Akraio event Sep 23-24 at <https://www.cvent.com/d/p7qztk/4W?ct=50221cf5-5496-4c34-9ec0-3b52b1bf1204> (listed on <https://events.linuxfoundation.org/akraio-technical-meetings-fall/> and <https://events.linuxfoundation.org/>)
- Azure IoT Edge Demo recording link:
 - <https://zoom.us/rec/share/Vbm7BzT8hGScbba770Bfy8G8fvBf9-LKI-drhWEI12ggOnpHTiblkpju-emczVI.zxzthsamLe5zGA6u?startTime=1600301187000>