

PCEI Blueprint Minutes 2020.09.30

Time

5pm, Wednesday, Pacific

Attendees

- [Oleg Berzin](#)
- [Tina Tsou](#)
- [Jian Li](#)
- [Jane Shen](#)
- [Asif Mehmood](#)
- [Tianji Jiang](#)
- [Cindy Xing](#)
- [Mehmet Toy](#)

Agenda

- Akraino Technical Meeting feedback
- Azure IoT Edge Demo feedback
- PCEI development planning

Minutes

- [Oleg Berzin](#) discussed a potential PCEI Enabler implementation for Azure IoT Edge (PCE)
 - Use Openstack to deploy Azure IoT Edge in a VM
 - In the PCEI Enabler build:
 - P2 API Handler - allows MNO/telco to request PCE (Azure IoT Edge) deployment and setup
 - PCE Deployer (Azure IoT Edge)
 - Uses Openstack [HEAT APIs](#) to deploy a VM
 - Uses Ansible to install and configure PCE (Azure IoT Edge)
 - Uses Ansible to activate PCE (IoT Edge) and connect to PCC (Azure Core)
 - PCC Provisioner (Azure Cloud)
 - Uses Azure APIs and/or PowerShell scripts to provision
 - IoT Hub
 - IoT Edge with keys and certs
 - PCE Connector
 - Uses public Internet
 - Uses private Interconnect provider
 - Uses overlay mesh network (e.g. Tungsten Fabric)
 - Example diagrams will be posted in the "[PCEI Use Case Development](#)" page
- Question raised: where does PCEI Enabler run
 - Potential options:
 - MNO/telco (e.g. part of ONAP)
 - MEC Platform
 - Neutral PCEI provider