LF Home Edge

TSC Monthly Call

7-April 2020

THE LINUX FOUNDATION

LF EDGE

Meeting Details

Time: April 7, 2020 06:30 AM PDT/ 08:00 PM IST/ 11:30 PM KST

Join Zoom Meeting
https://zoom.us/j/839197621

Meeting ID: 839 197 621

One tap mobile
+16465588656,,631410489# US (New York)
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Dial by your location
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Meeting ID: 631 410 489

Find your local number: https://us04web.zoom.us/u/fdOJUIipzE

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Attendees

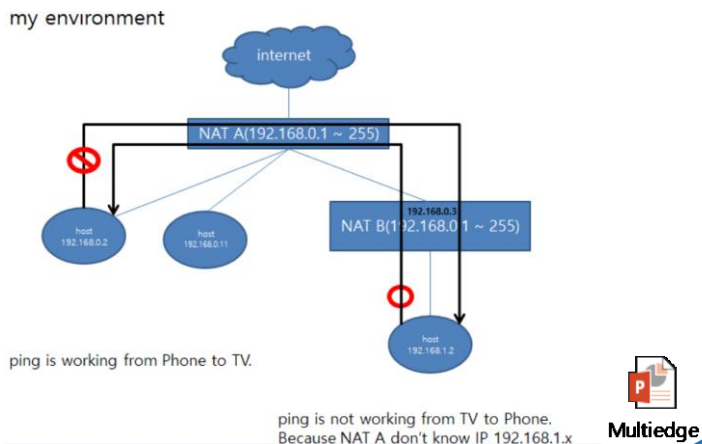| Name	Company	03 Dec 2019	14 Jan 2020	04 Feb 2020	03 Mar 2020	07 Apr 2020
Peter Moonki Hong	Samsung	Yes	No	Yes	Yes	
Karthikeyan S	Samsung	Yes	Yes	Yes	Yes	
Suresh L C	Samsung	Yes	No	Yes	Yes	
Nitu S Gupta	Samsung	No	Yes	Yes	Yes	
Chitti Nimmagadda	Ericsson	No	Yes	Yes	No	
Aaron Williams	LF Edge	No	No	No	No	
David Martin	Me.com	Yes	No	No	No	
Jim St. Fleger	Intel	Yes	No	Yes	No	
Jeo Pearson	IBM	No	Yes	Yes	Yes	
Brett Preston	LF Edge	Yes	Yes	No	Yes	
David Boloker	IBM	No	Yes	No	No	

Topics

1. Samsung Development Items
2. Collaboration Areas
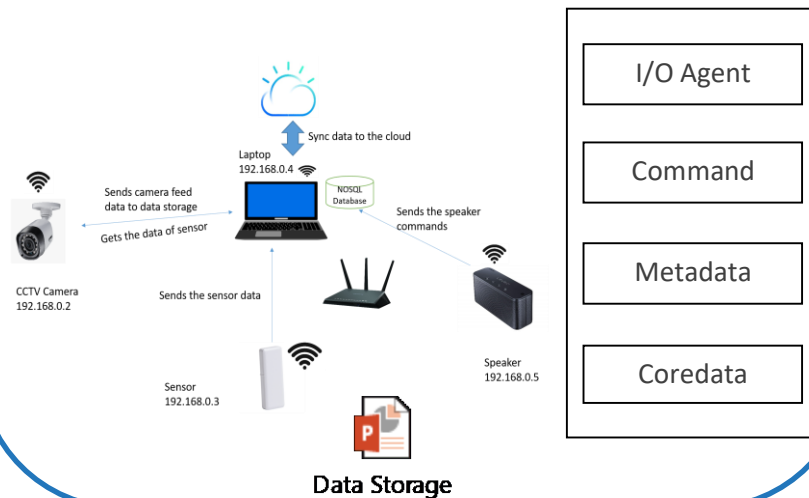3. Action Items
4. AoB
5. Adjourn

Samsung Development Items

Multi-Edge communication
Multi Edge Communication is a feature in Home Edge Computing framework to provide communication between two edge devices which cannot discover each other directly as they are connected in different NATs and hence are unable to interact.

Data Storage
A centralized database which is a high computing device in the home. It is accessible using REST APIs by other devices in LAN/WAN. The centralized database collects the data can be used to train the model and also provide data to the different devices when needed.

Collaboration Areas

1. **Open Horizon:**

   Started the understanding of the open Horizon architecture by developing a poc integrating with edge orchestration. The exchange-api server setup in progress. Few issues have been raised in the github. https://github.com/open-horizon/exchange-api/issues/336

2. **Data Storage (EdgeX Foundry) :**

   Design discussion in progress. Initial draft of the design document have been presented. Single location to store all edge devices data and share with other devices when requested.

Action Items

S.No	Prospective Areas for Collaboration	Stake Holders	Status
1	Exchange-api server setup.	Nitu/ Suresh	Issue raised for the docker run error. https://github.com/open-horizon/exchange-api/issues/336
2	EdgeX Foundry (Data Storage module)	Suresh/Nitu	Initial design discussion in progress for data storage.
3	Present the MultiEdge Discovery Server in the open source call and get the feed back	Ayush/Nitu	Present the MultiEdge Discovery Server in the open source call.

Next Meeting

› Tuesday, May 5 06:30 AM PDT/ 08:00 PM IST/ 11:30 PM KST

Thank You

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