2020-07-28 - [CNTT EDGE] - Meeting Agenda and Minutes

Attendees:

Please add your name below: Name (Company) :

- Tom Van Pelt (GSMA)
- Beth Cohen (Verizon)
- Karim Rabie (NEC)
- Ildiko Vancsa (OSF)
- Sukhdev Kapur (Juniper)
- Trevor Cooper (Intel)

Agenda and Minutes:

- Recording
- Anti-Trust Policies:
  - Linux Foundation Anti-Trust Policy Notice
  - GSMA Anti-Trust Policy Notice
- Agenda Bashing

  - **Technical**
    - RM == > Due to the fact that there is no new profiles so the changes in RM will be minimal
    - Start the Architecture (OS and K8s)
      - RA01 issue : https://github.com/cntt-n/CNTT/issues/1660
      - RA02 issue : https://github.com/cntt-n/CNTT/issues/1661

  - CNTT Baraque
    - Milestones
      - May 29: M1 (Release Planning/Requirements)==> Done
      - Jun 19: M2 (Issue Logging)==> Done
      - Sep 14: M3 (Freeze contributions)
    - Outlines and Roadmap items :
      - FPGA
      - Architecture
  - **Webinars:**
    - Call for topics
    - CNTT Technical Webinar Topics

  - **liaison**
    - Do we need it right now (Y/N)
      - LF-Edge -akraino :
      - OpenStack - StarlingX :
      - GSMA - LFN joint meeting to discuss mutual work, will probably be more that will come back into the Edge CNTT group.   GSMA has two working groups, Requirements (Specs for Telco Edge Clouds) and Trials (Commercialization of the Edge, work between vendors and Telecos) groups.
      - **TIP : update , we have a meeting with TIP& FB**
      - O-RAN = WG 6
  - Meeting Calendar (added by Pankaj)
    - update meeting calendar with the correct time and other information

Minutes:

Discussion of the pros and cons of centralized/decentralized deployment models. DCN (Distributed Compute Node), a form of centralized controller that is based on the Triple-O deployment model. No controller out at the edge, all management is handled in the centralized resources. karim Rabie presented a couple slides on the different options. If the controller and edge node is disconnected, how long will it take for the edge node will be affected. Would lose visibility of the edge node, also how often does the Edge node connect/communicate with the controller. Controller is providing NFVO integrating to the Openstack at the edge. Distributed control plan, StarlingX is an example. karim Rabiewill attach the file he showed during the meeting.

Beth Cohen to submit a Edge Community Panel talk to Open Infrastructure Summit: Sukhdev Kapur (Akraino, LFEdge, TIP , Ildiko Vancsa (OpenStack) , Beth Cohen (CNTT), need someone to cover KubeEdge, Gergely Csatari ?

Sukhdev Kapur will present the activities of the Akraino group to the Edge WS group next week.

Open Infrastructure call for presentations closes August 4th: **Register today** for the virtual Open Infrastructure Summit on October 19-23 at no cost to you!

Join the global community at the virtual Open Infrastructure Summit on October 19-23!

First step - submit your presentations before the August 4 deadline (that's in a week!) Submit sessions featuring open source projects including Airship, Ansible, Ceph, Kata Containers, Kubernetes, ONAP, OpenStack, OPNFV, StarlingX and Zuul!

2020 Tracks:

- 5G, NFV & Edge
- AI, Machine Learning & HPC
- CI/CD
- Container Infrastructure
- Getting Started
- Hands-on Workshops
- Open Development
- Private & Hybrid Cloud
- Public Cloud
- Security

Submit your presentations, panels, and workshops before **August 4 at 11:59 pm PT (August 5 at 6:59 am UTC)**. The content submission process for the Forum and Project Teams Gathering (PTG) will be managed separately in the upcoming months.

The Summit Programming Committee has shared topics by Track for community members interested in speaking at the upcoming Summit. Check out the submission tips!

Discussion of Edge Security considerations. IMSI Catcher scenario (a variation of MITM vulnerability), Telco's asking for some form of validation to confirm that the node as not been taken over by an evil twin.

- Different Edge Architecture has been discussed
- Some limitation and consideration in Centralized control plan
- Work on Networking limitation & Consideration (Ahmed El Sawaf Pankaj Goyal Sukhdev Kapur)
- Security issue (How to secure control plan) karim Rabielist some current issue
- karim Rabie Ahmed El Sawaf PROS & CONS for each Arch

Actions:

Action Items

	Action	Expected Due date	Owner/s	Status	Note
1	To start to look on HW requirements at the edge in terms of NUMA , ...(RM CH4)	21 July 2020	2020-07-21 - [CNTT EDGE] - Meeting Agenda and Minutes		
2	vRAN use case approval: https://github.com/cntt-n/CNTT/pull/1575 – Approved			Done	
3	O-RAN WG6 presentation	11 June 2020	Lucian	Done	
4	Start to List down all function that required for FPGA (vRAN use case)	18 June 2020		Done	
5	start to define/include "Edge profile" in RM	25 June 2020		Done	
6	Check Edge use cases other content				

| 7 | Remove Edge profile and update the Profile Capability in Chapter 4 | 21 July 2020 | | | |