2020-11-18 - [CNTT - RM Workstream Master] Agenda and Meeting Minutes

Attention: new zoom link

https://zoom.us/j/997256543?pwd=MWptM0F0Y1NpckhFVUgrZnM2TkJ0Zz09

Attendees:

Please add your name in here:

- Walter Kozlowski (Telstra)
- Beth Cohen (Verizon)
- Tom Van Pelt (GSMA)
- Pankaj Goyal (AT&T)
- Karine Sevilla(Orange)
- Tomas Fredberg (Ericsson)
- Sukhdev Kapur (Juniper)
- Per Andersson (Kaloom)
- Toshiyasu Wakayama (KDDI)
- Petar Torre (Intel)
- Ahmed El Sawaf (STC)
- Suresh Krishnan (Kaloom)
- Mehmet Toy (Verizon)

Agenda:

- Linux Foundation Anti-Trust Policy Not
- GSMA Anti-Trust Policy Notice
- Recording Policies:
  - https://zoom.us/rec/play/uMAuIuyoqG43EtWS4QSDAf4oW9XsKP2s1CQW-fYNzxu3VSIGN1L3Z7YSNOX-H7MYUyogBuINABoVavXq?autoplay=true&startTime=1589371628000
- Meeting Recording:

  -
- Agenda bashing:
  - Beth: Tuesday meeting on Anuket tooling, repositories - merger of GitHub after Elbrus proposed; different tools are proposed.
  - New **Cloud Native Network Functions (CNF) Working Group Kick-off –** Looking forward to seeing you at the CNF Conformance WG Kick-off! Please feel free to forward this invite to anyone else you think should be included.

    Please click the link below to join the webinar:
    https://zoom.us/j/98271075013

    Join us for the kick-off meeting of the Cloud Native Network Functions (CNF) Working Group. The goal for the group is to create a software conformance program, similar to the Kubernetes Conformance Program, that any telco application implementation can use to demonstrate that they are conformant and interoperable with cloud native principles. This will aid companies such as communications service providers and large scale enterprises, running internal telecommunications-like infrastructure, to better understand what cloud native means for telecommunications workloads and help build consensus around industry adoption of cloud native technologies.
    See **https://github.com/cncf/cnf-conformance/pull/450 for background.**
  - Sukhdev: Akraino proposed collaboration on Edge; RA-1 and RA-2 implementations (RIx) may be of interest fro Akraino; Beth volunteered to participate in one of the meetings (Sukhdev to organise)

  - Agenda
    - New time for RM meetings: Wednesdays, 8:00pm UTC, 9:00pm CET, 12:00 pm California, 7:00 am (Thursday) Melbourne
    - Reference Model published as an official GSMA document NG.126
      - https://www.gsma.com/newsroom/wp-content/uploads/NG.126-v1.0.pdf
    - Edge team joining RM team; update on current Edge activities (Ahmed, Beth, Pankaj): CNTT Hybrid Multi-Cloud Architecture - Scenario | Please use CNTT RM PR #2118, CNTT Edge Architecture -- Please see CNTT RM PR #2118, Telco Edge Cloud (TEC) white paper: https://infocentre2.gsma.com/gp/pr/FNW/UTEC/Pages/Default.aspx
    - GSMA OITF update (Walter, Tom): collaboration with OPG and 5GST (Security taskforce) in progress; O-RAN (WG 6) collaboration ver 2 of the design document (Cloud Platform) will be finalised by the end of November (reference conformance for K8s) - Karine will inform the RM team
    - Next release (**Elbrus) M3 - 15 January 2021**: **Update on Elbrus Issues and PRs progress/actions and PRIORITIZATION**
    - **MVP: means that we should have an almost ready contents by 20 December 2020**

Network /Hardware Management	Hardware Infrastructure Management: function and APIs	**Tomas**, Walter	High **MVP**	Agreed **Issue 2050, Tomas and Walter to plan PRs** **Meeting: Walter with Tomas and Martin, decided to start requirements regarding NBI from HIM (work in progress)**
	Primary & secondary networking	**Tomas**, Suresh, Gergely	Medium **MVP**	Probably RA-2 topic, discuss with Tom K. Gergely, Georg Kunz, whether RM can help (prob general guidance and requirements) **Requirements in RM: Walter to raise Issue for this topic and assign to Tomas; on hold until next meeting**
Operations	Security (workloads and infrastructure) - alignment with ONAP	**Karine**, Amy, Pankaj	High **MVP**	Agreed **Issue 2031, 1552, Karine - PR 2081, requirements in progress - open for comments** **Action: review PR 2081 (requirements)** **RM Security reqts updated: https://github.com/cntt-n/CNTT/pull/2081** **CNCF - Cloud Native Security White Paper - https://github.com/cncf /sig-security/blob/master/security-whitepaper/cloud-native-security-whitepaper.md**
	Life-cycle Management (infrastructure)	**Walter**, Karine, Pankaj, Per, Uli	Medium	Upgradeability, migration **Action: Issue 2086; identify gaps in Chapter 9 - open fort comments**
	Automation (closed loop automation)	Walter, Tomas	Medium	**Should be in part in LCM (Chapter 9) - identify topics - open for comments; Issue 2087** **Action: identify gaps**
	Observability/telemetry	**Sukhdev**, Zlatko	Medium **MVP**	Issue 2052 vF2F session happened; Need to engage Zlatko and Sukhdev
Acceleration	Hardware acceleration abstraction	**Petar**, Tomas, Per, Walter	High **MVP**	**Issue 2051; open for comments** **Petar organised initial call; focus on structure, and taxonomy**
	Compute node acceleration (incl smartNICs, GPU, etc)			TBA
	Programmable fabric			TBA
	Network acceleration			TBA
Storage		Karine, Petar	Medium	Needed a structure Further details needed (all classes of storage) **Issue 2056: Need contributors and expertise https://etherpad. opendev.org/p/ecg-vptg-october-2020 it has a link to the June PTG notes** **Action: Beth to provide a structure (PTG etherpad can be used)**
Special use cases	Load balancing	**Per**, Sukhdev	Medium	**Issue 2095: Per to provide concept description for comments**
	Mutual discovery (workloads/infrastructure)	**Sukhdev**, Tomas	Medium	**Issue 2088; Sukhdev to add the concept description for comments**
	Service function chaining	**Suresh**, Sukhdev	Medium **MVP**	**Issue 2089; Suresh start putting contents for comments**

Model for Enterprise Cloud		**Walter**, Pankaj, Ahmed	Medium **MVP**	**Issue 2049: Multi/hybrid cloud from Data Centre to Edge; review and update the contents in WiKi:** **Action: All to review and add comments:** CNTT Hybrid Multi-Cloud Architecture - Scenario | Please use CNTT RM PR #2118, CNTT Edge Architecture -- Please see CNTT RM PR #2118
Alignment with ONAP	Investigate topics other than security	**Petar**	Low	Petar to present to RM meeting
Alignment with GSMA OPG	Investigate alignment points	**Walter**	Low	Depends on outcomes of joint OITF and OPG meetings
Alignment with ORAN?	Influence ORAN regarding telco cloud			Tomas raised this question as he participates in WG 6. **Karine to find out how we could discuss possible dependences, alignments, cloud principles....**
Alignment with ODIM		**Martin**		Bring to this meeting the actions, comments from previous sessions and vF2F
Granularity of RM profiles				**Issue 2068** **Action: Walter to invite Tom K to present the view**
REview of RM Chapter 2		**All**		**Issues 2067, 2067**

Actions:

Minutes:

1.