2020-12-02 - [CNTT - RM Workstream Master] Agenda and Meeting Minutes

Zoom link:

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

Attendees:

Please add your name in here:

- Walter Kozlowski (Telstra)
- Pankaj Goyal (AT&T)
- Tomas Fredberg (Ericsson)
- Karine Sevilla (Orange)
- Tom Van Pelt (GSMA)
- Toshiyasu Wakayama (KDDI)
- Petar Torre (Intel)
- Suresh Krishnan (Kaloom)
- Trevor Cooper (Intel)
- Sukhdev Kapur (Juniper)
- 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=1589371628000JuniperMeeting Recording:
- Agenda bashing:

- Agenda
  - New time for RM meetings: Wednesdays, 8:00pm UTC, 9:00pm CET, 12:00 pm California, 7:00 am (Thursday) Melbourne
  - Anuket/Meld: Interim TSC update: Anuket Interim TSC
  - Next vF2F conference in February 2021: topics are required: Feb vF2F Feb 1-4: 2021 February LFN Developer & Testing Forum
  - 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** **Requirements for NBI from HIM: work in progress** **Some contents will be available next week** **Planned for the week of 7th Dec**
	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) **Issue 2085: work in progress** **Some contents will be available next week** **Planned for the week of 7th Dec**
Operations	Security (workloads and infrastructure) - alignment with ONAP	**Karine**, Amy, Pankaj	High MVP	Agreed **CNCF - Cloud Native Security White Paper - https://github.com/cncf/sig-security/blob/master/security-whitepaper/cloud-native-security-whitepaper.md** **More relevant for RA-2, not RM** **Karine reviewing FS.31 and FS.40 from GSMA FASG from the possible alignment perspective**

	Operations and Life-cycle Management		High
			
			MVP
				Action: Issue 2086; identify gaps in Chapter 9 - open fort comments
				
				Proposed new structure of Chapter 9
				
				9.1 Introduction (Walter, PR#2114 for review, further updates)
				
				9.2 Configuration and Lifecycle Management (includes closed loop automation, Change Control)
				
				9.3 Assurance
				
				   9.3.3 Assurance Overview (as is now)
				
				   9.3.2 Observability (Sukhdev)
				
				   9.3.3 Telemetry (Sukhdev)
				
				9.4 Capacity Management (as is now)
				
				9.5 Automation
				
				   9.5.1 Infrastructure LCM Automation (including Platform Software and CI /CD) (Saad) - End-2-End understanding of what type of automation ought to be done on what layers and includes
				
				     • **hardware configuration CI/CD**
				     • **networking automation**
				     • **software development CI/CD**
				     • **software deployment CI/CD (operator environment)**
				     • **Identify "Closed Loop Automation" as a Gap in Ch10**
				
				   9.5.2 ~~Application LCM Automation~~ Workload onboarding automation (including CI /CD) (Saad) includes
				
				     • **workload onboarding automation - the scope for RM is to describe support only but leave the details to RA/RI;**
				     • **RM will state the requirements including for CI/CD for ensuring software security scans, image integrity checks, OS version checks, etc. prior to deployment -**
				     • **the tenant processes for application LCM (such as updates) are out of scope**
				
				   9.5.3 Tenant creation automation
				
				     • **requirements for enterprise processes prior to tenant creation on the platform**
				     • **networking automation**
				
				Security Automation => Chapter 7, Security; but compare with Observability/Telemetry
				
				Networking Automation => Section 4.3 Networking; but cloud level automation networking aspects may be in Chapter 9

	Automation (closed loop automation)		Med ium	**Should be in part in LCM (Chapter 9) - Issue 2087** **Proposed to include into Chapter 9 (see above)**
	Observability/telemetry	**Sukhdev**, Zlatko, Petar	Med ium **MVP**	**Issue 2052 contains a link to a google document: https://docs.google.com/document/d /1BjRTIPVOs7vqZvvmd65CWX0vJU3YCGcq5McVyyxdXoY/edit?usp=sharing** **All: please add comments there**
Acceleration	Hardware acceleration abstraction	**Petar**, Tomas, Per, Walter	High **MVP**	**Issue 2051; open for comments** **PR# 2115 to create a structure** **Initial text work in progress, plan to share within the week of 7th of Dec 2020**
	Compute node acceleration (incl smartNICs, GPU, etc)			TBA
	Programmable fabric			TBA
	Network acceleration			TBA
Storage		Karine, Petar	Med ium	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	Med ium	**Issue 2095: Per to provide concept description for comments**

	Mutual discovery (workloads/infrastructure)	**Sukhdev**, Tomas	Med ium	**Issue 2088; Sukhdev to add the concept description for comments**
	Service function chaining	**Suresh**, Sukhdev	Med ium **M VP**	**Issue 2089; text in Issue** **Action: All to review and comments from the Team**
Model for Enterprise Cloud and Edge		**Walter**, Pankaj, Ahmed	Med ium **M VP**	**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, CNTT Edge Architecture Proposal: Use Chapter 8 for this topic including Edge Discussion point: proposal for extend to PaaS view (generic) - see Action Point on Pankaj /Walter/Petar
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 wit h 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:

- Updates on collaboration and relevant events:
    - OITF: Reference Model published as an official GSMA document NG.126: https://www.gsma.com/newsroom/wp-content/uploads/NG.126-v1.0.pdf
    - GSMA OITF/OPG collaboration update (background on OPG: https://www.gsma.com/operatorplatform/)
    - GSMA Telco Edge Cloud (TEC) white paper: https://infocentre2.gsma.com/gp/pr/FNW/UTEC/Pages/Default.aspx
    - 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
    - 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), 17 Dec 2020, at 7am Pacific Time, link to follow
    - Cloud Native Network Functions (CNF) Working Group: https://github.com/cncf/cnf-conformance/pull/450,
- All: topics for Feb F2F, please prepare for the discussion for the next RM meeting
- Pankaj/Walter/Petar: prepare discussion point regarding the discussion on extending the scope of CNTT RM "from IaaS to PaaS"

Minutes:

1.