

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](#) (Kaloomb)
- [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/uMAuluyogG43EtWS4QSDAf4oW9XsKP2s1CQW-fYNzXu3VSIGN1L3Z7YSNOX-H7MYUyogBuINABoVavXq?autoplay=true&startTime=1589371628000>JuniperMeeting 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	Hi gh M VP	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	M ed ium M VP	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	Hi gh M VP	Agreed CNCF - Cloud Native Security White Paper - https://github.com/cnct/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 Medium VP	Action: Issue 2086; identify gaps in Chapter 9 - open for 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)		Medium	Should be in part in LCM (Chapter 9) - Issue 2087 Proposed to include into Chapter 9 (see above)
	Observability/telemetry	Sukhdev, Zlatko, Petar	Medium Medium VP	Issue 2052 contains a link to a google document: https://docs.google.com/document/d/1BjRTIPVOs7vqZvmd65CWx0vJU3YCGcq5McVyyxdXoY/edit?usp=sharing All: please add comments there
Acceleration	Hardware acceleration abstraction	Petar, Tomas, Per, Walter	High Medium VP	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	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; text in Issue Action: All to review and comments from the Team
Model for Enterprise Cloud and Edge		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, 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 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:

- 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 (R1x) may be of interest from 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.