

2020-12-09 - [CNTT - RM Workstream Master] Agenda and Meeting Minutes

Zoom link:

<https://zoom.us/j/997256543?pwd=MWptM0F0Y1NpckhFVUgrZnM2TkJOZz09>

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)
- [Sukhdev Kapur](#) (Juniper)
- [Per Andersson](#)

Agenda:

- [Linux Foundation Anti-Trust Policy Not](#)
- [GSMA Anti-Trust Policy Notice](#)
- Recording Policies:
 - <https://zoom.us/rec/play/uMAuluyogG43EtWS4QSDAf4oW9XskP2s1CQW-fYNzxu3VSIGN1L3Z7YSNOX-H7MYUyogBulNABoVavXq?autoplay=true&startTime=1589371628000>JuniperMeeting Recording:
- Agenda bashing:
 - **Next meeting - 16 Dec, the following meeting on 6 January 2021**, Time of the meetings - next two meetings at 8:00pm UTC
- 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](#). Proposals due 15 January 2021. Potential topics and presenters (TBC):
 - Hybrid, multi-cloud model: DC to Edge (Pankaj, Walter)
 - Acceleration Abstraction (Petar, Tomas, Per)
 - Beyond IaaS/CaaS for Cloud Infrastructure in RM (Petar, Pankaj, Walter)
 - Telemetry, monitoring, observability (Sukhdev, Petar, Zlatko)
 - **Walter create placeholders in 2021 February LFN Developer & Testing Forum. All please add topics if you want to present other topics**
 - 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 Contents will be available during the week of 14th December
	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 Contents will be available during the week of 14th December
Operations	Security (workloads and infrastructure) - alignment with ONAP	Karine, Amy, Pankaj	High MVP	Done from Elbrus MVP perspective Karine reviewing FS.31 and FS.40 from GSMA FASG from the possible alignment perspective for post Elbrus

	Operations and Lifecycle 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 Work in Progress. All use RM Automation Content for adding contents, remarks, next meeting on Automation scheduled for Monday 14 Dec at 12pm UTC, please contact Pankaj Goyal or Walter Kozlowski if you want to join. 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) Walter write up a PR defining the Gap
	Observability/telemetry	Sukhdev, Zlatko, Petar	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 14th 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 provide a structure (PTG etherpad can be used)

Special use cases	Load balancing	Per, Sukhdev	Me di um	Issue 2095: Per to provide concept description for comments
	Mutual discovery (workloads /infrastructure)	Sukhdev , Tomas	Me di um	Issue 2088; Sukhdev to add the concept description for comments
	Service function chaining	Suresh, Sukhdev	Me di um M VP	Issue 2089; text in Issue Action: All review and comments from the Team
Model for Enterprise Cloud and Edge		Walter, Pankaj, Ahmed	Me di um M VP	Issue 2049: Multi/hybrid cloud from Data Centre to Edge; PR#2118 for review Action: All review PR#2118
Alignment with ONAP	Investigate topics other than security	Petar	L ow	Petar to present to RM meeting
Alignment with GSMA OPG	Investigate alignment points	Walter	L ow	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 dependencies, 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 Ricardo as the new RA-2 leader has joined RM meetings
REview of RM Chapter 2		All		Issues 2067, 2067

Actions:

- Karine inform the RM Team about 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)
- All please add vF2F topics if you want to present other topics
- All use **RM Automation Content** for adding contents, remarks; next meeting on Automation scheduled for Monday 14 Dec at 12pm UTC, please contact **Pankaj Goyal** or **Walter Kozlowski** if you want to join.
- Walter write up a PR defining the Gap
- All please add comments for Issue 2052 which contains a link to a google document: <https://docs.google.com/document/d/1BjRTIPVOs7vqZvmd65CWx0vJU3YCGcq5McVyyxdXoY/edit?usp=sharing>
- Beth provide a structure for Storage (PTG etherpad can be used)
- All review Issue 2089 'Service Function Chaining', text in Issue
- All review PR#2118 on Multi-cloud, Hybrid model

Minutes:

1. GSMA non-members who want to participate in OITF please contact **Tom Van Pelt** , tpelt@gsma.com. Those who are interested in GSMA PRD FS.31 - it is available at <https://www.gsma.com/security/resources/fs-31-gsma-baseline-security-controls/>
2. Akraino meetings on Dec 17th: <https://wiki.akraino.org/display/AK/TSC+2020-12-17++%28Thurs%29+7+am+Pacific> (CNTT Edge presented by Beth and Ahmed)
3. Cloud Native Network Functions (CNF) Working Group: <https://github.com/cnct/cnf-conformance/pull/450>