

2020-11-25 - [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)
- [Sukhdev Kapur](#) (Juniper)
- [Tomas Fredberg](#) (Ericsson)
- [Per Andersson](#) (Kaloorn)
- [Suresh Krishnan](#) (Kaloorn)
- [Petar Torre](#) (Intel)
- [Saad Sheikh](#) (STC)
- [Karine Sevilla](#) (Orange)
- [Tom Van Pelt](#) (GSMA)
- [Toshiyasu Wakayama](#) (KDDI)
- [@Mehmet Toy](#) (Verizon)
- [Ahmed El Sawaf](#) (stc)

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>
- Meeting Recording:
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- Agenda bashing:
 - Meeting on Hybrid Multi-cloud model and relation to OPG model, after this RM meeting: <https://attcorp.webex.com/join/pg683k>, CNTT Hybrid Multi-Cloud Architecture - Scenario | Please use CNTT RM PR #2118
- 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 Transition TSC](#)
 - Next vF2F conference in February 2021: topics are required: Feb vF2F Feb 1-4: [2021 February LFN Developer & Testing Forum](#)
 - 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)
 - Cloud Native Network Functions (CNF) Working Group: <https://github.com/cnfc/cnf-conformance/pull/450>, if you want to join use this link:
 - 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 MVP	Agreed Issue 2050 Requirements for NBI from HIM: work in progress Some contents will be available next week
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	Primary & secondary networking	Tomas, Suresh, Gergely	M e d i u m M V P	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
Operations	Security (workloads and infrastructure) - alignment with ONAP	Karine, Amy, Pankaj	H i g h M V P	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
	Life-cycle Management (infrastructure)	Walter, Karine, Pankaj, Per, Uli	M e d i u m	Upgradeability, migration Action: Issue 2086; identify gaps in Chapter 9 - open for comments Chapter 9 contains: • Configuration Management • A bit of Assurance • Few sentences on Capacity Management Gaps: • Incident Management (Walter) • Problem Management(Walter) • Change Management (including Infrastructure Refresh)(Walter) • Monitoring • Audit • Disaster Recovery • CI/CD (Scott + Pankaj)
	Automation (closed loop automation)	Scott, Pankaj, Saad, Tomas, Walter	M e d i u m	Should be in part in LCM (Chapter 9) - identify topics - open for comments; Issue 2087 Action: identify gaps • Infrastructure build automation (Part of RI-1 and RI-2) define process in RM • Tenancy creation automation • Workload onboarding automation • CI/CD Automation (Application Lifecycle automation) (Scott + Pankaj) • Close loop automation • Security automation • Networking Action: Anyone who wants to pick up any of these topics - please raise your hand Action: Please send email with your interest to Pankaj pgoyal@att.com, who will organise a call to discuss
	Observability/telemetry	Sukhdev, Zlatko, Petar	M e d i u m M V P	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	H i g h M V P	Issue 2051; open for comments Initial text work in progress, plan to share within a week
	Compute node acceleration (incl smartNICs, GPU, etc)			TBA
	Programmable fabric			TBA
	Network acceleration			TBA

Storage		Karine, Petar	M e d i u m	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	M e d i u m	Issue 2095: Per to provide concept description for comments
	Mutual discovery (workloads/infrastructure)	Sukhdev, Tomas	M e d i u m	Issue 2088: Sukhdev to add the concept description for comments
	Service function chaining	Suresh, Sukhdev	M e d i u m M V P	Issue 2089; text in Issue Action: review and comments from the Team
Model for Enterprise Cloud		Walter, Pankaj, Ahmed	M e d i u m M V P	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
Alignment with ONAP	Investigate topics other than security	Petar	L o w	Petar to present to RM meeting
Alignment with GSMA OPG	Investigate alignment points	Walter	L o w	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.