

# 2020-04-20 - [CNTT RA-1] - Workstream Meeting Agenda and Minutes

No Meeting on 2020-04-13

## Attendees:

- Name (Organisation)
- [Pankaj Goyal](#) (AT&T)
- [Walter Kozlowski](#) (Telstra)
- [Kelvin Edmison](#) (Nokia)
- [Samuel Hellec](#) (Orange)
- [Ahmed El Sawaf](#) (STC)
- [Karine Sevilla](#) (Orange)
- [Sukhdev Kapur](#) (Juniper)
- [Abdulrahman Almuqbil](#) (STC)
- [abdullah alharkan](#) (STC)
- [Kodi Atuchukwu](#) (Vodafone)
- [Johanna Heinonen](#) (Nokia)
- [Toshiyasu Wakayama](#) (KDDI)

## Agenda and Minutes

- Agenda Bashing
- Antitrust Policy: <https://r.lfnetworking.org/Antitrust%20Slide.pdf>
- [Ahmed El Sawaf](#) DDPK performance data and guidelines
  - Ahmed and Abdulrahman presented their results (see presentation):
    - VNF architecture dependency
  - Intel: [https://fast.dpdk.org/doc/perf/DPDK\\_18\\_02\\_Intel\\_NIC\\_performance\\_report.pdf](https://fast.dpdk.org/doc/perf/DPDK_18_02_Intel_NIC_performance_report.pdf)
  - DDPK Performance PPT: [CNTT\\_Performance\\_DDPK.pptx](#)
- OSTK Release Selection
  - Need Moderator and Scribe for Wed April 22nd "OSTK Release Selection" session
    - [Karine Sevilla](#) : Moderator and Scribe
  - OSTK Release Selection Etherpad
- [Status Overview](#)
- RA-1 Chapters 1 - 4 Status Report [Ian Gardner](#)
  - Open Issues, Status and Action Items
- RA-1 Chapters 5 - 7 Status Report [Karine Sevilla](#)
  - Open Issues, Status and Action Items
- RA-1 Chapters 8 Status Report [Sukhdev Kapur](#)
  - Open Issues, Status and Action Items
- AOB

## Action Items

|   | Description           | Due Date | Assignee                    | Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Task In  |
|---|-----------------------|----------|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| 1 | Topology content      |          | <a href="#">Ian Gardner</a> | Issue #638> Changes to RA-1 Ch03 and Ch04                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | PR #1488 |
| 2 | PR's Requiring Review |          | as per PR                   | PR # 1387                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | PR #1387 |
| 3 | Flow Table            |          |                             | Raise issue for defining flows as per <a href="#">Ian Gardner</a> comments in PR #1391: <a href="#">Issue #1454</a> created<br>a network flow diagram or table covering how traffic is managed depending on network type:<br><br>(we need a network guru to add the correct flows if I get any of this wrong)<br>Tenant. Traffic uses gre/vxlan and flows from compute to compute and compute to controller<br>Provider VLAN. Traffic flows directly to/from the compute node hosting the VM via OVS<br>Provider VLAN DDPK. Traffic flows directly to/from the compute node hosting the VM via OVS-DPPK<br>Provider VLAN SRIOV. ...<br>Neutron NAT. Traffic flows from the compute node to the controller and is NAT'd<br>CVR / DVR??? |          |

|    |                                       |                              |                                                                        |                                                                                                                                                                                                                                                                                                                   |                             |
|----|---------------------------------------|------------------------------|------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
| 4  | PR's Requiring fixes                  | Completed                    | <a href="#">Petar Torre</a>                                            | PR # 1389<br><br><a href="#">Ahmed El Sawaf</a> to provide a reference to RedHat et al performance sources/sizing guidelines and these can be included in the write-up.                                                                                                                                           | PR #1389                    |
| 5  | OpenStack Mandatory Features          |                              | <a href="#">Manik Sidana</a>                                           | Issue #1156 – no PR<br><br>Need inputs on mandatory features on the OSTK APIs. Pankaj to change Issue writeup to "alignment of requirements and features"                                                                                                                                                         |                             |
| 6  | Security: Image Security              |                              | Yeeling Lam                                                            | Issue #1395 – no PR                                                                                                                                                                                                                                                                                               |                             |
| 7  | Security: Hardening                   |                              | Yeeling Lam                                                            | To open Issue and PR                                                                                                                                                                                                                                                                                              |                             |
| 8  | Security: Confidentiality & Integrity | Completed                    | <a href="#">Karine Sevilla</a>                                         | Issue #1217 – no PR;                                                                                                                                                                                                                                                                                              | PR #1470                    |
| 9  | Barbican write-up in RA-1 Ch03 /Ch04  | Completed                    | <a href="#">Karine Sevilla</a>                                         | To raise Issue and Content<br><br>Already exists in RA-1 Ch05                                                                                                                                                                                                                                                     | Issue #1453<br><br>PR #1462 |
| 10 | Review SDN in RA-1 Ch 3.2.5           | Completed                    | <a href="#">Ahmed El Sawaf</a><br><br><a href="#">Sukhdev Kapur</a>    | PR #1391 add a subsection on SDN and reference to Ch 3.2.5<br><br>Issue and PR for RA-1 Ch 3.2.5 upgrade                                                                                                                                                                                                          | Issue #1443<br><br>PR #1444 |
| 11 | SDN - Tungsten Fabric + any others(?) |                              | <a href="#">Walter Kozlowski</a><br><br><a href="#">Ahmed El Sawaf</a> | Testing when using monolithic plugin. <b>Phase I: use Neutron APIs.</b><br><br>For Phase II, Q: <b>how to handle custom APIs?</b> Get upstream (OSTK)/another project to <b>define common (useful) SDN API extensions</b> . What should be the CNTT position? <b>Wait for CNTT Network FG to define position.</b> |                             |
| 12 | Security: Workload                    |                              | <a href="#">Pankaj Goyal</a>                                           | RM 7.11.4 Workload Security<br><br>Issue #1467 created                                                                                                                                                                                                                                                            | PR #1469                    |
| 13 | Security: LCM                         | potentially already covered? | <a href="#">Karine Sevilla</a>                                         | RM 7.11.6 Security LCM<br><br>Appears to be covered in various chapters including other Security write-up and RA-1 7.2 NFVI and VIM Configuration Management and 7.3 NFVI and VIM Maintenance                                                                                                                     |                             |
| 14 | Security: Monitoring & Logging        | potentially already covered? | <a href="#">Karine Sevilla</a>                                         | RM 7.11.7 Monitoring and Security Audit<br><br>Can we point to RA-1 7.4 Logging, Monitoring and Analytics                                                                                                                                                                                                         |                             |