2019-11-27 - [CNTT - RM Workstream Master] Agenda and Meeting Minutes

Wednesday, November 27, 2019

Attendees:

Please add your name in here:

1. Mark Shostak (AT&T)
2. Rabi Abdel (Vodafone)
3. shasha guo(ChinaMobile)
4. Kelvin Edmison (Nokia)
5. Tomas Fredberg (Ericsson)
6. Karine Sevilla (Orange)
7. Mark Beierl (VMware)
8. Ulrich Kleber (Huawei)
9. Trevor Cooper (Intel)
10. Toshiyasu Wakayama (Toshi) (KDDI)

Special Notes:

- **Each of the three RM sections will get 20 minutes**
- Given the limited time available, we will focus on identifying issues/actions/next steps, but **not solving them right now**
- **Weekly RM meetings are intended to**
    - Identify owners for new Issues
    - Track open Issues
    - Address technical issues that cannot be resolved online (i.e. resolve stalls)

Agenda:

- Linux Foundation Anti-Trust Policy Notice
- GSMA Anti-Trust Policy Notice
- Agenda bashing

- **RM Core (status) (Mark S.)**
    - Issues
    - **UNH lab hardware approval (if needed)**
    - **SR-IOV continuation (if needed)**
    - ~~EPA (if needed)~~ //deferred
    - Hardware discussion continuation
        - **Storage configuration (10x 960GB vs. 3.2TB w/ 3x logical)**
        - DIMM distribution across sockets, memory controllers and buses
        - NIC to socket mapping
        - Physical interface assignment (E/W/OpenStack/Storage, N/S, PXE, OOB LOM)
        - Hardware Objectives, Guidelines and Approach
        - Guidelines vs. Requirements
        - Objectives and Drivers for CNTT to specify h/w
        - To what granularity
        - Implications for RM Comp, RC and RI

- **RM Ops (status) (Ahmed)**
    - Issues
    - **OA&M** - New MVP Content
        - FM
        - Logging
        - Provisioning/State (CM)
    - **LCM** - New MVP Content
        - LCM scope / areas covered
        - Generic installer model
        - Scope/function/state
        - Node prototypes and creation by installer

- **RM Comp (status) (Victor)**

- ○ Issues
- ○ TBD

- **Open questions**
  - ○ TBD

- New Business

Actions:

- General
  - ☐ None at this time
- Core
  - ☐ MXS: Follow up on rotating media for UNH servers
  - ☐ MXS: Follow up on constraints precluding NVMe usage
  - ☐ MXS: Write proposal for SRIOV language in RM (not transition plan)
- Ops
  - ☐ None at this time
- Comp
  - ☐ None at this time

Minutes:

- General
  - ○ Reviewed LNF/GSMA anti-trust policy
- Core
  1. General discussion about UNH lap approval, Reached the following conclusions:
  2. Current PoR is 3.2TB of SSD behind a RAiD controller. ex[psed as
  3. Consensus is 3.2TB is probably too restrictive
  4. Trevor proposed we investigate supplementing the SATA SSDs with rotating media
  5. Ultimately concluded:
     a. CNTT RI to use an OSD, in snotead of hyper-converged
     b. Initially maintain homogeneous server fram forFR
     c. Investigate rotating media
     d. Investigate why NVMe i is not an option.
     e. Organization would be root volume on SDD on the host
  6. SRIOV: Aligned on creating transition plan as an appendix to the RM
  7. Mark S. took action to write a draft of the language for the RM regarding the SRIOV (not the annex or transition plan)
- Ops
  - ○ Nil
- Comp
  - ○ Nil