

2020-12-09 - [CNTT - RI2] - Meeting Agenda and Minutes

- Attendees:
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- Meeting Recording:

Attendees:

No need to add - will be done after the call.

Agenda and Minutes:

- Antitrust notices
 - [Linux Foundation Anti-Trust Policy Notice](#)
 - [GSMA Anti-Trust Policy Notice](#)
- Walk-in Items
 - WSL/co-leads: [Tom Kivinto](#) step down at next nomination period (February 2021 would be 12 months after RI2 formally started)
 - Nomination / selection process for new WSL will follow documented governance process: <https://github.com/cntt-n/CNTT/blob/master/doc/gov/chapters/chapter04.md>
- Project board review: <https://github.com/cntt-n/CNTT/projects/27>
- RI2
 - How do we progress with the document?
 - Can we start adding content based on RA2 directly
 - Do we need to implement in Kuberef first, and then use that as "reference material" for RI2?
 - Currently only covers HW provisioning and Kubernetes deployment
- Kuberef
 - BMRA v2.0 deployment successful on CentOS 7
 - Roadmap/Requirements Planning Discussion
 - What features do we want in the next Kuberef release?
 - Upgrade to CentOS 8
 - Not high priority as BMRA supports CentOS 7. CentOS 8 might be EOL 2021
 - Run RC2 test suite against BMRA v2.0
 - Pankaj/Trevor - Current RC2 testcases doesn't take into account all RA2 specs, only k8s ones
 - More alignment needs to be done in this area
 - Feedback loop is missing
 - What should a test case cover? Should it take into account specific implementations or should it be generic?
 - Ability to run on virtualized infrastructure (VMs)
 - Could make it easier for contributors to help with project
 - Might have some feature limitations (CPU, Network, Memory, PCIe)
 - Tinkerbell as a hardware provisioning tool
 - What are the current gaps?
 - Some ideas listed below ([Michael Pedersen](#))
 - Alignment with RA2 and RC2
 - It is expected that running RC2 towards Kuberef/RI2 will result in feedback for RC2
 - Coverage of some tests might not be exhaustive (e.g. security)
 - Given the dynamic nature of Kubernetes, there will be several ways to handle many of the requirements
 - Tests will have to go beyond Kubernetes functionality and APIs
 - E.g. networking. There are several ways to add interfaces to a pod/workload. Is it sufficient that the interface is available and has been assigned an IP?
 - If not, then each different method for implementing network functionality likely needs it's own set of tests (created /maintained by the developers?)
 - Presentation for Kubecon EU 2021?
 - May 4-7 (Virtual)
 - CFP closes Dec 13, 2020 (end of week)
 - Jira review - <https://jira.opnfv.org/secure/RapidBoard.jspa?rapidView=240&projectKey=KUB&selectedIssue=KUB-10>
 - Gerrit review - <https://gerrit.opnfv.org/gerrit/q/project:kuberef+>
- AOB

Ideas for kuberef short-term plan:

- Integrate BMRA (v2.0) in the Kuberef framework
 - Expected done end of 2020
- Configure CI to run most recent RC2 test suite
 - Decide what should be run when
 - Estimate TBD
- Start enabling and testing additional cluster/k8s features
 - Enabling started as part of BMRA integration
 - Expected done in Jan 2021
- Add example CNFs/PODs/Workloads

- Is this something we want to include in Kuberef or keep separate?
- Might be (partially) covered by deployments/installs done through RC2
- Simple examples could be used to verify K8s features (maybe even through CI)
- Estimate TBD

Meeting Recording: