Integration Meeting Minutes

01 Jun 2022

- PTL
  - Integration committers cleanup after release:
    - Morgan Richomme
    - Bartek Grzybowski
    - Maciej Lisowski
    - Marcin Sebastian Krasowski
    - Illia Halych
  - Open nominations for Integration Project PTL - Michal Jagiello is going to step down from that role (but still being committer)

- Lab status
  - A&AI fails on both Orange and DT daily
    - Maciej Wereski Probably race condition on onap-aai-graphadmin-create-db-schema job
    - Radoslaw Chmiel found a workaround?
  - Gating 4 was failing on apt update
  - Disk was full
  - Remove docker artifacts with docker system prune -a
  - Gating failing on another step: deploy_full (#253272215) · Jobs · Orange-OpenSource / lfn / onap / onap_oom_automatic_installation · GitLab
  - Gating is going to be down due to Changes to GitLab.com public project CI/CD minute quotas | GitLab - gating pipelines are running on Orange (as we have still no GitLab CI on ONAP group) so we are going to reach the limit very soon

- Tests on the UNH
  - LF created project ONAP / integration / chained-ci · GitLab
  - still no Integration project committers as members
  - University New Hampshire lab - Developer Wiki - Confluence (onap.org) wiki to follow the status of running tests on UNH lab
    - GitLab runner and jumphost servers up and running
    - GitLab runner not registered - there is no place to register it
  - Release of base Python/Java(?) images is needed

11 May 2022

- Lab status
  - still failing holmes-healthcheck on Orange lab
    - [HOLMES] Fixed the Healthcheck Problem (I64d5f326) · Gerrit Code Review (onap.org) OOM change merged
    - k8s version on gating (where we don’t have that issue) is different than on Orange daily - should be checked if change version on Orange fix that issue
      - done: Use the same k8s version as on the gating (4113928f) · Commits · Orange-OpenSource / lfn / ci_cd / chained-ci · GitLab
    - a lot of failures on security tests
  - Fiachra Corcoran - waivers directory gerrit.onap Code Review - integration/seccom.git/tree - waivers/
  - good results on stability: both instantiation and onboarding
  - gating s3 error on tests results upload - no space left on the device

- Tests on the UNH
  - still no LF agree on https://gitlab.com/onap/integration creation
  - we have an integration tenant on UNH lab
  - other projects as well and some of them already created their own ONAP instances (Policy for sure)
  - plan is to create a GitLab runner on UNH Infrastructure tenant and run Orange pipelines there
  - all integration committers should have an access to UNH lab following that guide: ONAP IOL-UNH Lab - Developer Wiki - Confluence

20 Apr 2022

- Lab status
  - weekly tests Xtesting ONAP Results
  - versions and stability tests ran manually
  - MariaDB issues Lukasz Rajewski
    - several changes:
      - [MARIADB] Fix wsrep software error (Ib7d8be50) · Gerrit Code Review (onap.org) - downgrade to still acceptable version by SECCOM
      - [MARIADB] Back to istanbul version of mariaDB image (I23b31db0) · Gerrit Code Review (onap.org) - back to the Istanbul version of MariaDB
      - [SO][MARIADB] Improve Mariadb connection (I3dc20f27) · Gerrit Code Review (onap.org) - WIP: Use sequential jdbc connection on SO
    - wait for tests results to check if there is any improvement
  - E2E network slicing automation
  - Maciej Lisowski provide a change to automate A&AI
  - Marcin Sebastian Krasowski works on SDC part automation
  - Ahila P works on the CPS TBDMT part

06 Apr 2022

- Lab status
- **Rearrange tests execution order:**
  - Shouldn’t security tests be executed on the beginning? Some tests on failure don’t cleanup properly
  - onap-k8s and onap-k8s-teardown false-positives
    - Orange-OpenSource / lfn / tools / kubernetes-status · GitLab [INT-2103] Fix onap-k8s and onap-k8s-teardown tests - ONAP JIRA
**Jakarta Integration Blocking points - Developer Wiki - Confluence (onap.org)**

- Maciej Wereski mentioned about ETCD issue on version recommended by SECCOM
  - Issue: Inconsistent revision and data occurs - Issue #13766 - etcd-io/etcd (github.com)
  - Amy Zwarico take a look please

**30 Mar 2022**

- **Lab status**
  - Lack of stability mostly due to SDC onboarding issues
  - There is an idea to stop executing tests if previous stage failed. We have currently 4 stages:
    - Infra healthcheck
    - Healthcheck (Splitted into 2 on Orange)
    - Smoke tests (Splitted into 2 on Orange)
    - Onap security
  - So if stage 1 failed (Infra healthcheck) we don't execute any other tests
  - There is also an idea to reduce the number of tests to execute only tests which are not a part of another, e.g. basic_onboard tests is only onboarding service into SDC, but for many other tests we do the same.

- **Morgan Richomme Q&A**
  - Volunteers needed to manage gating and testing
  - Needs to ask TSC
  - Failing CSIT tests:
    - vfc-gvnfm-vnflcm-master-csit-sanity-check #3345 [Jenkins] (onap.org)
    - vfc-gvnfm-vnflcm-master-csit-sanity-check [Jenkins] (onap.org)
    - vfc-gvnfm-vnfrsess-master-csit-sanity-check [Jenkins] (onap.org)
    - vfc-gvnfm-vnfrsess-master-csit-sanity-check [Jenkins] (onap.org)
    - vfc-nfvo-driver-vnfm-gvnfm-master-csit-sanity-check [Jenkins] (onap.org)
    - vfc-nfvo-driver-vnfm-gvnfm-master-csit-sanity-check [Jenkins] (onap.org)
    - Not our issue

**16 Mar 2022**

- **Lab status**
  - Regression candidate: Tests results - Summary (onap.org)
  - Krzysztof Kuzmicki is working on:
    - cmpv2 - daily result cmpv2 (#2214007103) - Jobs - Orange-OpenSource / Ifn / onap / xtesting-onap - GitLab Krzysztof Kuzmicki
    - hv-ves
  - Feedback on New Q&A review & Demo weekly stability tests Morgan Richomme & Demo kubescape
    - how to run stability tests:
      - link to the script:
      - link to the onap_bench library:
    - chaos tests:
      - link to the python package used in resiliency/chaos testing:
    - kubescape tests:
      - almost ready
      - link to the python package used in kubescape tests:
      - if we want to get more details we should create an ONAP account on kubescape to push results there (or create own kubescape instance)
      - exchange with seccom Micha Jagieo
  - Use case automation status:
    - Maciej Lisowski Marcin Sebastian Krasowski any update?
  - What's next with the robot:
    - testsuite/python-testing-utils · Gerrit Code Review (onap.org) is Python 3.X compatible (no Python 3.10, but it's more with testing framework there and no code)
    - xtesting-smoke-usescases-robot docker image has no Python 2.7 installed
    - nexus3.onap.org:10001/onap/testsuite:1.8.0 image has Ubuntu installed and Python 2.7, bash etc installed there
  - Do not trust license scanning tools: [INF-2086] onap/integration-python:9.1.0 contains libuuid which is GPL-3.0 - ONAP JIRA
    - tern marked libuuid as GPLv3
    - ScanCode.io marked libuuid as GPLv3
    - libuuid has BSD license COPYING - libuuid - util-linux/util-linux.git - The util-linux code repository. (kernel.org)
  - Thomas Kulik reported we have an empty doc directory in pythonsdk-tests, We should:
    - provide tests documentation, or
    - remove that directory
    - Micha Jagieo is going to create a ticket for Morgan Richomme to provide some doc there

**09 Mar 2022**

- **Lab status**
  - Two new-old pipelines
    - ONAP istanbul daily Index of /onap-integration/daily/onap-daily-dt-oom-istanbul
    - ONAP master daily Index of /onap-integration/daily/onap-daily-dt-oom-master
  - Executed on DT lab - thanks Andreas Geissler !!
  - basic_vm regression - probably that change [AAI] Updates for AAI Jakarta to release latest versions (I9a068590) · Gerrit Code Review (onap.org) provides it - needs to be discussed with OOM team
  - good results on Istanbul daily Xtesting ONAP Results
  - Krzysztof Kuzmicki works on the CMPV2 tests
  - New Q&A review Morgan Richomme
Few Q&A wiki pages from Morgan about ONAP integration related daily tasks:
- How to add keys to access integration labs?
- How to re-run a test on a daily platform?
- How to run a weekly tests?
- How to run stability tests?
- How to create a new pipeline (with new ONAP version)?
- Till the end of the March it will be a fixed point on our agenda: Morgan Q&A

One more wiki page prepared by Sylvain Desbureaux: Daily Deployments and gating

Use case automation status:
- No update

Run tests on UNH lab
- Lab is ready to use
- I created an epic for that [INT-2085] Run ONAP tests on UNH lab - ONAP JIRA

02 Mar 2022

- New committers: Marcin Sebastian Krasowski Maciej Lisowski congratulations!

Lab status
- Istanbul
  - daily istanbul is back (problem due python dependency in k8s kubespray installer, increase of mino version 1.151.16 fixed the issue)
  - results are very good (as for the release validation): https://logs.onap.org/onap-integration/daily/onap_daily_pod4_istanbul/2022-03/02_04-01/
  - note it includes the log4j changes (istanbul = istanbul oom branch)
  - problem solved also on DT side, daily shall be back with new name soon
  - basic_cnf_macro not integrated in istanbul - not in istanbul xtesting dockers. But test done on istanbul with master xtesting docker shows that basic_cnf_macro is PASS (no regression) Łukasz Rajewski

- master
  - daily master error seem reproducible
  - regressions on basic_vm (so cleanup of volume) => needs to be investigated AP: Micha Jagieo
  - errors on _.macro due to bad cleanup => Micha Jagieo patch merged today
  - weekly restarted this week end
      - Alexander Mazuruk asks if tern shall be removed (JIRA for that). unitl scanode is not fully integrate, no problem to keep tern in weekly (not run so frequently..)
      - Amy Zwarcio Pawe Wieczorek fabian rouzaut
      - in addition of robot, issue with ejbca and multicloud-fcaps
      - stability tests not run due to basic_vm regression

- Use case automation status:
  - DCAE related use cases
    - Update on 5Gbukpm: Krzysztof Kuzmicki fixed most of the issue, shall be ready now. MR created to populate chartmuseum to be reviewed and merged
    - next planned cmpv2
dcaemod more complex...
  - SG Slicing: policy code merged in demo
  - kafka HC => Morgan Richomme created a page to explain how the issue coudl be solved: Refactoring of tests due to kafka refactoring. Krzysztof Kuzmicki indicated that it woudl also be possible to call kubernetes command from the robot test
  - Discussion on AAI stress tests with ATT, ATT gatling scripts shall be available and reusable for tests

23 Feb 2022

- Lab status
  - Istanbul
    - results not bad. Remaining test errors due to DCAE changes but a patch is in gate - no results due to error below.
    - The Makupsafe issue (jinja2 upstream dependency) is also responsible for the istanbul k8s installation issue
  - Master
    - deployment OK but all smoke tests failing due to Makupsafe

- pb Makupsafe lib:
  - ugly test merged... https://gerrit.onap.org/r/c/integration/xtesting/+/127250 => tests shall be run on Master tomorrow (does not fix the installuntinstallation issue)
  - I tried a cleaner way (https://gitlab.com/Orange-OpenSource/lfn/onap/python-onapsdk/-/merge_requests/334) but all tests are failing...wait for Micha Jagieo comeback to check the issue and be sure to do thing properly on SDK versioning

- jakarta tests
  - SG Slicing automation follow up
    - All patches of Maciej Lisowski merged
    - Question from Ahila P on simulators sent by mail. For the moment 2 of the 3 simulators are in the wiki. Action morgan push simu to the repo (the repo already exists)
  - kubescape => demo next week
  - Load test on AAI (using gatting) => action Morgan Richomme resync Micha Jagieo /William Reehil /Christophe AUIZEAU
  - kafka (testing refactoring) => Refactoring of tests due to kafka refactoring, answer sent by mail to Fiachra Corcoran

- Misc
  - Morgan Richomme and Sylvain Desbureaux are stepping down
    - end of contributions: end of March 2022
    - end of Orange platform: end of Jakarta release (with minimal support)
    - Azure / NH won’t be touched (gating will work, staging, ...) but resources to be identified to manage them...
18 Feb 2022

- **Lab status**
  - onap-k8s issue - there is another issue after the dependency library new version release
  - Orange lab - some issues with connection during random tests
  - AAI-3450 - A&AI schema-service is on Waiting (CrashLoopBackOff) on gating, still blocks master gating

- **Alexander Mazuruk** http://scancode.onap.eu/
  - logging currently using GitHub account (consider using LF ID)
  - needs to be discussed with seccom where the scan policies should be stored
  - prepare a demo with two Integration projects:
    - integration/docker/onap-java11 · Gerrit Code Review
    - integration/docker/onap-python · Gerrit Code Review
  - Add images into scancode during docker-verify Jenkins job and run pipeline for them. We could analyse results and present that during one of the incoming PTL meetings

- **INT-2021** - Automate 5G Slicing use case in CI · [OTWARTY](#) update
  - Create a demo · Gerrit Code Review (onap.org) repo directory to keep there scripts and migrate Manual Configurations - Developer Wiki - Confluence (onap.org) into markdown files there to be able to keep history and review changes

09 Feb 2022

- **Lab status**
  - Orange lab down
  - DT still down
  - Gating is OK, but since today some A&AI issues observed

- **basic_cnf_macro test**
  - Tests results - Summary (onap.org)

- **E2E network slicing use case**
  - NT-2064 - Automate 5G Slicing use case in CI - Manual configuration step 1 - SDC · OTWARTY
  - NT-2065 - Automate 5G Slicing use case in CI - Manual configuration step 2 - UUI Configuration · OTWARTY
  - NT-2066 - Automate 5G Slicing use case in CI - Manual configuration step 3 - MSB Configuration · OTWARTY
  - NT-2067 - Automate 5G Slicing use case in CI - Manual configuration step 4 - SO · OTWARTY
  - NT-2068 - Automate 5G Slicing use case in CI - Manual configuration step 5 - OOF Configuration · OTWARTY
  - NT-2069 - Automate 5G Slicing use case in CI - Manual configuration step 6 - Policy Creation Steps · OTWARTY
  - NT-2070 - Automate 5G Slicing use case in CI - Manual configuration step 7 - AAI Configuration · OTWARTY
  - NT-2071 - Automate 5G Slicing use case in CI - Manual configuration step 8 - ConfigDB · OTWARTY
  - NT-2072 - Automate 5G Slicing use case in CI - Manual configuration step 9 - SDNC · OTWARTY
  - NT-2073 - Automate 5G Slicing use case in CI - prepare a demo repo section · OTWARTY

02 Feb 2022

- **Ahila P** Network slicing automation
  - at the beginning Integration team needs to take a look on the first phase: Manual Configurations - Developer Wiki - Confluence (onap.org) - preparing an ONAP for instantiation
    - several steps - for sure some missing gaps in ONAP SDK
  - There is a plan to create a scenario in pythonsdk-tests repo for that use case
  - [INT-2021] Automate 5G Slicing use case in CI - ONAP JIRA ticket which is going to be used to plan a work
  - [INT-2021] Automate use case 5G Slicing in CI - Developer Wiki - Confluence (onap.org) links shared by Ahila P

- **List of log4j vulnerability impacted pods in ONAP**
  - Today morning Trivy was ran on ONAP daily master
Pods
- onap-cli-757c76f546-zfd4m in vulnerable!
- onap-message-router-0 in vulnerable!
- onap-sdnrdb-coordinating-only-6f6db887b-kzr9x in vulnerable!
- onap-sdnrdb-master-0 in vulnerable!
- onap-sdnrdb-master-1 in vulnerable!
- onap-sdnrdb-master-2 in vulnerable!
- onap-vfc-huawei-vnfm-driver-57fddd8bc7-nqn7b in vulnerable!
- onap-vnfsdk-56d9fb886f-sk4s4 in vulnerable!

Images:
- nexus3.onap.org:10001/onap/cli:6.0.1 -> onap-cli-757c76f546-zfd4m
- nexus3.onap.org:10001/onap/dmaap/dmaap-mr:1.3.0 -> onap-message-router-0
- docker.azure.onap.eu/bitnami/elasticsearch:7.9.3 -> onap-sdnrdb-coordinating-only-6f6db887b-kzr9x, onap-sdnrdb-master-X
- nexus3.onap.org:10001/onap/vfc/vnfm/huawei:1.3.9 -> onap-vfc-huawei-vnfm-driver-57fddd8bc7-nqn7b
- nexus3.onap.org:10001/onap/vnfsdk/refrepo:1.6.3 -> onap-vnfsdk-56d9fb886f-sk4s4

- There are more and more critical issue found, but these are just for cve-2021-44228
- Disable portal tests Krzysztof Kuzmicki
- Alexander Mazuruk starts http://scancode.onap.eu/, Thanks!

26 Jan 2022
- Lab status
  - Better results, but due to Nexus restart and no images all tests failed
  - cds-resource-resolution is still failing... looks the instance is created before tests is executed
  - Integration risks for Jakarta Jakarta Risks - Developer Wiki - Confluence (onap.org)
  - Main risks are resources: labs and humans
  - Nexus restart https://lists.onap.org/g/onap-discuss/message/23758 should we restart the images creation?
    - Yes, after Jenkins and Nexus are back again jobs below need to be rerun

19 Jan 2022
- Nexus doesn't work - tests doesn't work....
  - LF ticket created - Theme Extension - Linux Foundation JIRA
  - gatig tests works due to Azure cache - images are not downloaded from nexus during each execution
  - When it worked we had several tests issues
    - needed to check if we don't use same kubeconfig on many tests pipelines
      - that can create conflicts because one test tries to create an instance of existing resource
  - Kubescape tests
    - could be useful but won't replace already existing tests
      - root pods check based just on the kubernetes resource definition (pod, deployment, statefulset etc.) and not check if the root user is disabled on the image
      - could be possible to add them into pipeline soon
  - Azure lab - should we migrate tests there? - discussion
    - there are currently 3 Azure labs
    - 2 gatings and 1 integration lab with ONAP
    - needs to ask TSC if it's possible to add one more to run daily tests - outside of any company infrastructure (currently Orange, Nokia, DT)
    - we could run daily on the 1 integration lab machine, but there is a risk we won't have a working lab if during daily execution ONAP creation fails
  - Migration Integration repos to GitLab?
    - If it's not required and will take a lot of time and resources, leave it as it is
    - scancode.io - Alexander Mazuruk back and would work on that