TC Agenda 20200406

Agenda of Technical Community Discussion on April 6, 2020  (also see Further discussion of the TestAPI at the April 2020 Virtual Event)

Attendees: Sridhar Rao  Parth yadav  Vipin Rathi  Lincoln Lavoie  Lavoie  Jim Baker

Agenda:

- VSPERF Demo (relevance for CNTT testing) - Sridhar Rao
  - Following up on the planned tests from last week, a full demo will be presented
  - Details on VSPERF integration with X-testing were presented.
    - X-testing works very well, adding a VSPERF test was very efficient
    - TestAPI is used to collect the X-testing results
      - The current template of objects needs to be expanded so that several CNTT-related fields can be added
        - The meeting captured some of the recommended fields in the text below.
          - For example, the CNTT test requirement name(s) need to be included, so that requirements compliance can be verified easily
          - Note that the the CNTT test requirement name(s) and test names mapping are deterministic, but one test may cover multiple requirements
          - For performance tests, a threshold is needed for input to the PASS/FAIL criteria field (already part of the API).
          - Ideally, new fields would be added without breaking existing tool communication/population of the test db, or the testdb itself!
          - ALL test configuration files would need to be uploaded to OPNFV Artifacts, and linked from the test results
          - There must be a general description of the CNTT-candidate's test environment, so the info is not repeated in every individual test configuration
  - This is an example where OPNFV requires more resources to support CNTT and OVP badging program.

- Additional Notes from Sridhar:
  - X-Testing Integration
    1. Things work great! - Just had to follow this link Deploy your own Xtesting CI/CD toolchains to come up with example integration.
    2. However, we need to Understand the jobs that get created in Jenkins once all starts running. For example, for 1 testcase, we say multiple jobs and some fail and some pass after few days. If there is a place where this is described, it would be very helpful to know that.
    3. X-Testing automatically (based on the testcases that is defined) sets up the TestAPI project, testcases and results database. VSPERF has to make changes to the way it publishes the results to testapi. In VSPERF, the testcase name used while running the test is different from the testcase name defined in the OPNFV Testapi - the vswitch name gets appended before publishing. This doesn't work in X-Testing, and it has to be the same.
  - VSPERF action items: (a) Publish results to X-testing Testapi (b) Fix the Jenkins Failures (c) Add more testcases

Test_API Enhancement (in Details section)

Id :
Build tag :
Case name :
Criteria :
Installer :
Pod name :
Project name :
Scenario :
Start date :
Stop date :
Version :
Details :
{
  standards_ref: (cntt requirement, etsi tst, nomenclature)
  performance: true/false
  threshold: (for pass/fail criteria)
  metric: (us, bps, ...)
  links to OPNFV Artifact: (configuration file, env-details, csvs, )
  ....
}