Agenda

- Background
- Useage
- Dashboard
- Issues
Background

• 3 main steps for daily test
  1. Installer provision and deployment
  2. Functest test
  3. Yardstick test

• Issues
  ▪ Any step fails causes the whole procedure fail
    but the result can not be recognized easierly on testreport dashboard
Target (discussed in Portland Plugfest)

1. Update Jenkins job to report the result
   • Define macros to report the results to TestAPI which can be used by installers to report provision result
   • Try these macros in Daisy
   • Remote these macros in all installers
   • Remote these macros to test projects

2. Develop a dashboard for the provision results
Macros introduced

- testapi-parameter
  - define common parameters for TestAPI
- track-begin-timestamp
- report-provision-result(either pass or fail)
  - track the end timestamp
  - report the result to TestAPI
- parameter:
  name: testapi-parameter
  parameters:
  - string:
      name: TESTAPI_URL
      default: 'http://testresults.opnfv.org/test/api/
      description: "Default TestAPI URL, currently used"
  - string:
      name: DEPLOY_SCENARIO
      default: 'os-nosdn-nofeature-ha'
      description: "OPNFV deployment scenario"
  - string:
      name: INSTALLER_VERSION
      default: 'master'
      description: "Installer release version"
  - string:
      name: UPSTREAM_JOB_NAME
      default: '
      description: "Parent job name in Jenkins"
  - string:
      name: UPSTREAM_BUILD_ID
      default: '
      description: "Parent job build id in Jenkins"
track-begin-timestamp

- builder:
  name: track-begin-timestamp
  builders:
  - shell:
    echo "export TIMESTAMP_START="`date '+%Y-%m-%d'`"
report-provision-result

- publisher:
  name: 'report-provision-result'
  publishers:
  - postbuildscript:
    script-only-if-succeeded: true
    builders:
      - shell: |
        echo "export PROVISION_RESULT=PASS" >> $WO
        echo "export INSTALLER=$INSTALLER_TYPE" >> $WO
        echo "export TIMESTAMP_END="`date '+%Y-%m-%d %H:%M:%S'`"
      - shell:
        !include-raw: installer-report.sh
  - postbuildscript:
    script-only-if-succeeded: false
    script-only-if-failed: true
    builders:
      - shell: |
        echo "export PROVISION_RESULT=FAIL" >> $WO
        echo "export INSTALLER=$INSTALLER_TYPE" >> $WO
        echo "export TIMESTAMP_END="`date '+%Y-%m-%d %H:%M:%S'`"
      - shell:
        !include-raw: installer-report.sh
How to use

1. include 'testapi-parameter' in parameters
2. include 'track-begin-timestamp' in builders
3. deploy or test
4. include 'report-provision-result' in publishers
TestAPI report interface

Post $TESTAPI_URL/deployresults
{
   "_id": "",
   "installer": "",
   "version": "",
   "pod_name": "",
   "job_name": "",
   "build_id": "",
   "scenario": "",
   "upstream_job_name": "",
   "upstream_build_id": "",
   "criteria": "PASS/FAIL",
   "start_date": "",
   "stop_date": "",
   "details": ""
}

5
TestAPI dashboard

Deploy Results
Your most recently uploaded deploy results are listed here.

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<thead>
<tr>
<th>ID</th>
<th>Installer</th>
<th>Version</th>
<th>Scenario</th>
<th>Pod</th>
<th>Criteria</th>
<th>Start Date</th>
<th>Stop Date</th>
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<td>0e0832a9</td>
<td>daisy</td>
<td>master</td>
<td>os-odl-nofeature-ha</td>
<td>zte-pod2</td>
<td>PASS</td>
<td>2018-03-20 02:58:16.045</td>
<td>2018-03-20 04:35:39.118</td>
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<td>master</td>
<td>os-nosdn-nofeature-ha</td>
<td>zte-virtual1</td>
<td>PASS</td>
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<td>PASS</td>
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<td>2018-03-19 22:07:03.800</td>
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</table>
Deployment done!
Set build name.
How build name is '504 - Scenario: os-nosdn-nofeature-ha'
[PostBuildScript]: - Execution post build scripts.
[daisy-deploy-baremetal-daily-master]: $ /bin/sh -xe /tmp/jenkins840805200173953613.sh
+ echo 'export PROVISION_RESULT=PASS'
+ echo 'export INSTALLER=daisy'
++ date '+44H-44 M Nightly'
+ echo 'export TIMESTAMP_End=\"2018-03-20 22:31:45.209\"'
[daisy-deploy-baremetal-daily-master]: $ /bin/bash /tmp/jenkins10485099103392928191.sh
Installer: daisy provision results: PASS
++ gen_content
++ cat

http://testresults.openovf.org/test/api/v1/deployresults
% Total % Received % Xferd Average Speed Time Time Current
Download Upload Total Spent Left Speed
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0* About to connect() to testresults.openovf.org port 80 (#0)
* Trying 104.154.71.112...
Connected to testresults.openovf.org (104.154.71.112) port 80 (#0)
> POST /test/api/v1/deployresults HTTP/1.1
> User-Agent: curl/7.29.0
> Host: testresults.openovf.org
> Content-Type: application/json
> Content-Length: 441
>

{[data not shown]
* upload completely sent off; 441 out of 441 bytes
HTTP/1.1 200 OK
Issues

1. [Done] Require **PostBuildScript** plugin in Jenkins
2. [Done] Parent job in Jenkins cannot pass undefined parameters to triggered job
   - Plugins+affected+by+fix+for+SECURITY-170
   - Define all the parameters to be passed in **triggered job** not parent
Thank you