ONAP M3 Status Summary & Recommendations

Gildas Lanilis – ONAP Release Manager

Thursday, August 24 2017
Items covered

1. Summary of main issues
2. Status per Project
3. Recommendations
M3 Main Issues: Summary

• **Blockers**: 30 identified
  - 15 blockers have been resolved
  - 2 blockers have been reported has not blocking M3. Assumption: the remaining 13 are not impacting M3.

• Gerrit Repos empty (**35 out of 198**)

• **6 projects** have not filled out the M3 checklist

• 13/29 projects have reported issues related to Jenkins

• 11/29 projects have reported issues related with Nexus

• 13/29 have either issue with Sonar setup or under 30% code coverage

• **15 code submissions** older than **36 hours**

• Most projects have not reached 50% the System Integration Testing goal

• Most projects are using Scrum Board but Story Estimation is not engrained

• M2 items to discuss and decide
  - Trademark and Logo for former openecomp projects: the removal of trademark and company name is not applicable to AT&T. Phil rob to update TSC
  - University: No PTL
  - Nexus Domain space (ONAP vs OPENECOMP)
1. External API - Andy Mayer
3. MSB - Huabing Zhao
4. OOM - David Sauvageau
5. UseCase UI - Tao Shen
6. VNF Validation Program - Erik Sundelof
35 empty repos

- aai/babel
- ccsdk/storage/esaas
- ccsdk/utils
- dcaegen2/analytics/tca
- dcaegen2/platform/cli
- dcaegen2/platform/policy-handler
- dcaegen2/platform/registrar
- doc/tools
- externalapi/nbi
- modeling/modelspec
- modeling/yangvalidators
- multicloud/azure
- multicloud/openstack/win driver
- sdc/sdc-docker-base
- sdc/sdc-vnfdesign
- sdc/sdc-workflow-designer
- sdnc/architecture
- sdnc/features
- sdnc/parent
- university
- usecase-ui
- vnfsdk/compliance
- vnfsdk/model
- vnfsdk/validation
- vvp/ansible-ice-bootstrap
- vvp/cms
- vvp/devkit
- vvp/documentation
- vvp/engagementmgr
- vvp/gitlab
- vvp/image-scanner
- vvp/jenkins
- vvp/portal
- vvp/postgresql
- vvp/validation-scripts
>36 hours Gerrit pending commits

<table>
<thead>
<tr>
<th>Issue</th>
<th>Title</th>
<th>Author</th>
<th>Branch</th>
<th>Commit</th>
<th>Age</th>
</tr>
</thead>
<tbody>
<tr>
<td>8283</td>
<td>Initial Docker baselines for SDC</td>
<td>Arefi Fuss</td>
<td><code>sdc/sdc-docker-base</code></td>
<td>master</td>
<td>2 days ago</td>
</tr>
<tr>
<td>6101</td>
<td>Changed asc: script back to sdc</td>
<td>Idan Amit</td>
<td><code>integration</code></td>
<td>master</td>
<td>2 days ago</td>
</tr>
<tr>
<td>7867</td>
<td>push initial modified doae 1.0 seed code</td>
<td>Michael O'Brien</td>
<td><code>com</code></td>
<td>master</td>
<td>3 days ago</td>
</tr>
<tr>
<td>7877</td>
<td>enable dcae.sh</td>
<td>Michael O'Brien</td>
<td><code>com</code></td>
<td>master</td>
<td>3 days ago</td>
</tr>
<tr>
<td>7947</td>
<td>Add UTs for Portal script</td>
<td>Shashank Kumar Shankar</td>
<td><code>integration</code></td>
<td>master (test_portal)</td>
<td>6 days ago</td>
</tr>
<tr>
<td>7315</td>
<td>update the namespace for multcloud/framework</td>
<td>Chen Wei</td>
<td><code>multicloud/framework</code></td>
<td>master (namespace)</td>
<td>7 days ago</td>
</tr>
<tr>
<td>6633</td>
<td>[SDC-182] fix nested properties with function</td>
<td>Ester Rotstein</td>
<td><code>sdc/sdc-tosca</code></td>
<td>master (SDC-182-fix-nested-properties-wrt-function)</td>
<td>7 days ago</td>
</tr>
<tr>
<td>7775</td>
<td>Add missing .gitreview file</td>
<td>Shashank Kumar Shankar</td>
<td><code>vfc/nfvo/cm</code></td>
<td>master</td>
<td>8 days ago</td>
</tr>
<tr>
<td>6113</td>
<td>contributing 17.10 changes</td>
<td>Kevin Smokowski</td>
<td><code>sdnc/core</code></td>
<td>master</td>
<td>2 weeks ago</td>
</tr>
<tr>
<td>6117</td>
<td>fix duplicate source upload</td>
<td>Kevin Smokowski</td>
<td><code>sdnc/core</code></td>
<td>master</td>
<td>3 weeks ago</td>
</tr>
</tbody>
</table>
• No Blocker: B 24 (related to onap vs openecomp domain)
• Empty repo: babel
• Code coverage is ~8 %
• Jenkins: WIP
• Nexus: WIP
• 50 % of System Integration Testing: WIP
• Daily Build: some builds are still failing
• No Blocker
• API review scheduled with ARC on Aug 29
• Jenkins Jobs: Pending
• Releasing Artifacts to Nexus: Pending
• Sonar, Code coverage: WIP
• 50 % of System Integration Testing: WIP
Scope Change (increase): Two key items have increased the scope from what was understood at M1 (ODL carbon upgrade, Dev to integrate with MultiVim)

- API Documentation: WIP
- Code coverage: 16%
- 50% of System Integration Testing: WIP
• Blocker B29. Not a M3 blocker
• Have 50 % of System Integration Testing: Only first set
• Blocker: None
• Empty repo: 2
• API review scheduled with ARC on Aug 29
• Link to the API Documentation: None
• Sonar, code coverage: Sonar not working
• 50 % of System Integration Testing: WIP
• Daily Build: WIP (issue JIRA CCSDK-59)
• Scrum board is used and some estimates are available
- No blocker
- Code Coverage: 84%
- No Binary: LF to fix CIMAN-23
- 50% of System Integration Testing: WIP
- Scrum board is used and some estimates are available
• Blocker: Not a M3 blocker
  • B26, B27 integration Heat template / OOM
  • B30: Pypi server config: Request to LF to help.

• Empty repo: 4
• Most dcaegen2 Jenkins job are not configured
• No dcaegen2 in Binary
• Sonar, Code Coverage: No evidence
• 50 % of System Integration Testing: no evidence
• Blocker: All closed
• Repos: Repos request received on Aug 23 for 5 new repos
• API review scheduled with ARC on Aug 29
• Scope change: Added DMaaP Bus Controller
• Code Coverage: WIP
• Jenkins Job are either failing or never been executed
• No Binary in Nexus
• 50 % of System Integration Testing: No
• No blocker
• Empty repo: 1
• Usage of Scrum board but no estimate
• Jenkins: Working with LF to make it works
• Some binaries in http://onap.readthedocs.io but still not fully automated
M3 External API: Andy Mayer

• No evidence posted in wiki
• Empty repo: 1
• No Jenkins job defined
• No Binary in Nexus
M3 Holmes - Guangrong Fu:
https://wiki.onap.org/display/DW/Holmes+Deliverables+for+API+Freeze+Milestone+Checklist

- Blockers: Yes B4, but not blocking M3 (API with DCAE)
- Code Coverage: Trying to setup Sonar
- Issue with DCAE APIs (thus some tasks remains opened)
- Have 50 % of System Integration Testing: Still trying to setup the CSIT tasks
- Scrum Board is used, and estimates provided
• No Blocker
• Some usage of scum board, no estimates
• Horizontal project: discussion with OOM
• Integration and Open Lab Status to be shared by Helen (next week)
M3 Logging Enhancement - Luke Parker:
https://wiki.onap.org/display/DW/LOG+M3+API+Freeze+Checklist

- No Blocker
- Checklist not fill out
- No Jenkins jobs defined
- No Binary in Nexus
M3 MSB - Huabing Zhao:

- No Evidence
- Jenkins job are running
- No Binary in Nexus
- No code coverage evidence
• No Blocker
• Empty repo: 2 Waiting for LF scan outcome
• No Jenkins Job defined
• No Binary in Nexus
• Scrum Board is not started
• No Story estimate
• Blocker: 3 issues. Yes B 20 B21 B22. None are blockers
• Empty repo: 2
• No active Scrum Board, no sprint, no story estimate
• Code Coverage: no evidence
• Jenkins: merged job are failing
• No binary in Nexus
• 50 % of System Integration Testing: WIP
M3 OOM - David Sauvageau:

• No evidence
• Blocker: B11 B26 B27 none reported as M3 blocker. Issue on integration with MSB and DCAE
• No Jenkins Job defined
• No Binary in Nexus
• Blockers: 2 issue B24 B29. None are M3 blocker
• Code Coverage: WIP
• 50 % of System Integration Testing: WIP
• Usage of Scrum Board but no estimate
- Blocker: No
- Usage of Scrum Board but no estimate
- Code coverage data not available in Sonar
- 50% of System Integration Testing: WIP
• Blocker: B24 (onap vs epenecomp domain). Not blocking M3
• Empty repo: 3
• APIs with the Architecture Committee: scheduled for next week
• Scope change: (increase) Need for DMAAP interface defined by vCPE use case
• Sonar, Code Coverage: issue with Sonar
• 50 % of System Integration Testing: WIP
• Usage of Scrum Board but no estimate
• 2-3 weeks pending commits
• Blocker: Yes B12 B29 B10 B15 B9 B24 B19. None reported M3 Blocking
• Empty repo: 3
• Usage of Scrum Board but no estimate
• Code Coverage > 30%
• 50 % of System Integration Testing: WIP
• Blocker: B19 B 20 B24. None impacting M3
• Code Coverage 25%
• 50 % of System Integration Testing: WIP
• Usage of Scrum Board but no estimate
M3 UseCase UI - Tao Shen

- No evidence
- No Blocker
- Empty repo: 1 (out of 1 defined)
- No Scrum Board usage, no estimate, no Jira activity since June 30
- No Jenkins Job
- No Nexus artifacts
M3 VFC - Yan Yang:
https://wiki.onap.org/display/DW/VF-C+Deliverables+for+API+Freeze+Milestone+Checklist+Template

• Blocker: B15 (SDC technical details). Not impacting M3
• No Code Coverage
• Binary in Nexus: some are available
• 50 % of System Integration Testing: WIP
• Usage of Scrum Board with some estimates
• Blocker: B24 (domain name) Not impacting M3
• APIs review with the Architecture Committee: next week
• API Documentation: WIP
• Code Coverage: WIP
• 50 % of System Integration Testing: WIP
• Some usage of scrum board but no estimate
• Blocker: No
• Empty repo: 3 waiting for LF scan
• 50 % of System Integration Testing: WIP
• Code Coverage: 35%
• Usage of Scrum Board with most of estimates provided
• Blocker: No

• Scope change since R1: “Focus on creating VNF Requirements as prototype RFP text for release 1”

• No Binary (doc) artifacts for this project at http://onap.readthedocs.io

• Jenkins Job: WIP

• Daily build: WIP

• Usage of Scrum Board but no estimates
• Empty repo: 11
• No checklist evidence
• No activity reported in wiki
1. Recognize significant work has been done but we have to be honest with ourselves and recognize ONAP as a whole as not met M3. Obviously, catch-up is not working.

2. What is next? → Contingency
   1. Decide on OOM versus Heat Template
   2. Decide on Domain ONAP vs OpenEcomp
   3. Decide on future of VVP project
   4. Discuss on the possibility to de-scope projects to refocus resources
   5. Discuss on the possibility to de-scope features without impacting other project
   6. Do we want to consider adjusting internal milestones (moving M4, reducing RCs cycle)?
   7. Do we want to stick to Nov 2 Release date?
   8. Decide course of action based on data point collected today
   9. If we have to make some changes, let’s make it ONCE only. Otherwise, we will never deliver
谢谢