Integration F Release

Scope

What is this release trying to address?
More test automation, consolidate and extend Gating to ensure a better release stability

Requirements
N.R

Minimum Viable Product
A Fully validated release with as many automated cases as possible.

Functionalities
- o-parent updated
- new use cases
- enhanced use cases
- integration gate
- Daily CI chains
- Gating chains for OOM and other components

Recently Updated
- Long Term Roadmap
  Sep 03, 2022 • updated by Herbert Eiselt • view change
- Long Term Roadmap
  Feb 24, 2022 • updated by David McBride • view change
- Istanbul Risks
  Oct 18, 2021 • updated by Vijay Venkatesh Kumar • view change
- Istanbul Risks
  Oct 18, 2021 • updated by Seshu Kumar Mudiganti • view change
- Istanbul Risks
  Aug 27, 2021 • updated by David McBride • view change
- Istanbul Risks
  Aug 17, 2021 • updated by William Reehil • view change
- Istanbul Risks
  Jul 23, 2021 • updated by Fiachra Corcoran • view change
- Istanbul Risks
  Jun 17, 2021 • updated by André Schmid • view change
- Istanbul Risks
  Jun 17, 2021 • updated by xu ran • view change
- Istanbul Risks
  Jun 16, 2021 • updated by Dan Timoney • view change
- Istanbul Risks
  Jun 11, 2021 • updated by Jim Hahn • view change
- Istanbul Risks
  Jun 08, 2021 • updated by krishna moorthy • view change
- Long Term Roadmap
  Jun 04, 2021 • updated by Kenny Paul • view change
- Honolulu Risks
  Mar 24, 2021 • updated by Seshu Kumar Mudiganti • view change
- Honolulu Risks
  Mar 15, 2021 • updated by Jim Hahn • view change

Epics

- 0: Integration Weather Board for Frankfurt Release
- 1: Frankfurt Release Integration Test Blocking Issues
- 2: Frankfurt Release Integration Testing Status
- 3: Frankfurt Readiness dashboard
- Integration categories & testsuites discussions
- Verification jobs on Integration repositories
- Integration milestone possible evolution
- Healthcheck tests evaluation
- Frankfurt Stability Run Notes

Stories

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<tr>
<th>Key</th>
<th>Summary</th>
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<tr>
<td>INT-2143</td>
<td>Feature Freeze</td>
<td>Sep 02, 2022</td>
<td>Sep 02, 2022</td>
<td>Sep 15, 2022</td>
<td>Michal Jagiello</td>
<td>INT-1600</td>
<td>test cases on e2e service level upgrade procedure for VNF</td>
<td>May 25, 2020</td>
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<td>Release Sign Off</td>
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<td>CCVPN-E-LINE over OTN NNI Integration test</td>
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<td>INT-2110</td>
<td>Global Requirements Approval</td>
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<td>INT-2085</td>
<td>Run ONAP tests on UNH lab</td>
<td>Mar 10, 2022</td>
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<td>INT-2023</td>
<td>Update Integration documentation for Jakarta release</td>
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<td>INT-2018</td>
<td>ONAP k8s CRDs</td>
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<td>CCVPN-E-LINE over OTN NNI Integration test</td>
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<td>INT-2000</td>
<td>All ONAP docker containers should be run using docker images which are based on the images provided by the integration team</td>
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14 issues
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<td>INT-2158</td>
<td>Create a Release Branch</td>
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<td>INT-2121</td>
<td>5G bulk pm test still has references to authenticated PM topic</td>
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<td>INT-2156</td>
<td>Review license scan issues</td>
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<td>INT-2105</td>
<td>Xtesting insecurity docker image doesn't build</td>
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<td>INT-2153</td>
<td>Updating release notes for the enhancement s of CCVPN use-case in Kohn release (REG-1289)</td>
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<td>INT-2079</td>
<td>Scan code gateway timeout</td>
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<td>INT-2148</td>
<td>PACKAGES UPGRADES IN DIRECT DEPENDENCIES FOR KOHN</td>
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<td>Sep 14, 2022</td>
<td>Sep 21, 2022</td>
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<td>INT-2042</td>
<td>Switch Ransim to integration base image</td>
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<td>INT-1717</td>
<td>Robot has python 2.7 pods</td>
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<td>INT-2196</td>
<td>Create actn-interface-tools module under integration /left-actn-tools Repo</td>
<td>✔</td>
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<td>INT-2195</td>
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<td>INT-2194</td>
<td>Data provider CDS blueprint and blueprint resource template resources</td>
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<td>Jul 08, 2022</td>
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<td>INT-2126</td>
<td>Data provider - add relationships into cloud region and tenant</td>
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Longer term roadmap

Integration gate shall be deployable and runnable on any ONAP solution to run use cases validated for a given release.

The traditional wiki page should be progressively replaced by a fully programatic way to test your ONAP with realistic use cases

Release Deliverables

<table>
<thead>
<tr>
<th>Deliverable Name</th>
<th>Deliverable Description</th>
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<tbody>
<tr>
<td>Heat and helm charts + associated scripts</td>
<td>scripts and descriptors needed to perform the use cases (new and update)</td>
</tr>
<tr>
<td>Documentation</td>
<td>Update of the existing documentation including verified use case documentation</td>
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</tbody>
</table>

Sub-Components
• integration
• integration/csit
• testsuite
• testsuite-heatbridge
• testsuite-python-testing-utils
• demo
• xtesting

Edit the Release Components name for your project in the centralized page.

Architecture

High level architecture diagram

N.R for Integration

API Incoming Dependencies

We are playing with the API of all the components or almost...

API Outgoing Dependencies

N.R

Third Party Products Dependencies

Done programatically through requirements.txt

Testing and Integration Plans

• CSIT tests
• Gating
• Integration tests
• Automation of the tests

Gaps

Known Defects and Issues

• Please refer to Frankfurt Defect Status

Risks

• Lack of resource
  • Not enough people to create and automate the tests
  • Lack of hardware / labs
  • Low hardware capabilities in labs (experienced in the past)
• Please update any risk on the centralized wiki page - Frankfurt Risks

Resources

• Fill out the Resources Committed to the Release centralized page.

Release Milestone

• The milestones are defined at the Release Level and all the supporting project agreed to comply with these dates.
Documentation, Training

- Please update the following centralized wiki: Frankfurt Documentation