

# 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

- 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

## Epics

## Recently Updated

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

## Stories

Key	Summary	T	Created	Updated	Due	Assi	Key	Summary	T	Created	Updated	Due	As
INT-2271	Enhancements for RAN-Sim for New Delhi release		Dec 05, 2023	Jan 09, 2024		Unas	INT-2276	Create custom docker image with tools required by the gating pipeline		Dec 05, 2023	Dec 05, 2023		Ur
INT-2270	Temporary resurrection of Azure gating		Dec 05, 2023	Dec 05, 2023		Unas							
INT-2137	Finalized Code Submission		Jul 19, 2022	Jul 19, 2022	Sep 01, 2022	Unas	INT-2275	Switch the gating pipeline to use helm and kubectl from the image		Dec 05, 2023	Dec 05, 2023		Ur
INT-2110	Global Requirements Approval		May 09, 2022	May 09, 2022	May 26, 2022	Unas	INT-2274	Remove the preinstallation steps from gating pipeline		Dec 05, 2023	Dec 05, 2023		Ur
INT-2085	Run ONAP tests on UNH lab		Mar 10, 2022	Apr 27, 2023		Unas							

INT-2019	Automate ONAP Use Cases in CI		Dec 06, 2021	May 26, 2022	Unas	INT-2273	Remove mandatory OS and infra checks before gating run		Dec 05, 2023	Dec 05, 2023	Ur
INT-2018	ONAP k8s CRDs		Dec 06, 2021	Mar 31, 2022	Unas						
INT-2000	All ONAP docker containers should be run using docker images which are based on the images provided by the integration team		Oct 21, 2021	May 26, 2022	Unas	INT-2272	Remove the need for existing pipeline runs in gating		Dec 05, 2023	Dec 05, 2023	Ur
						INT-2214	Update reference docker images for java and python		Mar 23, 2023	May 04, 2023	Lu Re
						INT-2152	Helm version revision for testsuite components		Sep 21, 2022	May 04, 2023	Ur
INT-1995	Use kubescape security scan in daily CI		Oct 14, 2021	Mar 31, 2022	Unas	INT-1600	test cases on e2e service level upgrade procedure for VNF		May 25, 2020	Sep 28, 2022	Lu Re
9 issues											
						INT-1472	CCVPN-E-LINE over OTN NNI Integration test		Mar 03, 2020	Sep 27, 2021	Ur
9 issues											

## Tasks

## Bugs

Key	Summary	T	Created	Updated	Due	Assig	Key	Summary	T	Created	Updated	Due	As
INT-2279	Azure Administration: Transition to RBAC	<input checked="" type="checkbox"/>	Mar 12, 2024	Mar 12, 2024	Aug 31, 2024	Unas	INT-2278	ModelInvaria ntId is not provided in pnf-instantiation in onapsdk		Dec 14, 2023	Dec 14, 2023		Ur
INT-2264	Python ONAP SDK invalid pnf instantiation parameters	<input checked="" type="checkbox"/>	Sep 25, 2023	Sep 25, 2023		Unas	INT-2277	ONAPSDK CPS API schema-set creation fix		Dec 13, 2023	Dec 14, 2023		Ur
INT-2263	TNAP-13694 -Improve-CPS-sanity-test	<input checked="" type="checkbox"/>	Aug 31, 2023	Aug 31, 2023		Unas	INT-2269	pnf-simulator /netconfsimulator: server certificate expired		Nov 15, 2023	Nov 15, 2023		Ur
INT-2262	Addition of testkube tests	<input checked="" type="checkbox"/>	Aug 02, 2023	Aug 02, 2023		Unas	INT-2257	Fix root user and nodeport exception for SNMP trap collector		Jun 28, 2023	Jun 28, 2023		An Ge
INT-2261	Study CDS codebase and create sample workflow	<input checked="" type="checkbox"/>	Jul 16, 2023	Jul 16, 2023		Unas	INT-2183	[CMPV2] Fix missing bitnami mongodb chart		Dec 21, 2022	May 04, 2023		Ur
INT-2260	Fix readthedocs yaml file in data-provider	<input checked="" type="checkbox"/>	Jul 12, 2023	Jul 12, 2023		Unas							

INT-2258	Pin version of prometheus and grafana	<input checked="" type="checkbox"/>	Jul 07, 2023	Jul 07, 2023	Unas	INT-2178 INT-2163	update vFW scripts Robot healthchecks cannot handle http address of DMAAP_BC	<span style="color: red;">●</span> <span style="color: red;">●</span>	Dec 08, 2022 Oct 17, 2022	May 04, 2023 Oct 17, 2022	Lu Ra Ur
INT-2254	Create Integration Test Images for London	<input checked="" type="checkbox"/>	Jun 22, 2023	Jun 22, 2023	Unas						Ur
INT-2252	Support Recursive Service Orchestration (ONAPSDK)	<input checked="" type="checkbox"/>	Jun 21, 2023	Jun 21, 2023	Unas	INT-2160	Smoke usecase robot tests are failing	<span style="color: red;">●</span>	Oct 04, 2022	May 04, 2023	Ur
INT-2225	Update oparent cve profile to latest	<input checked="" type="checkbox"/>	Apr 26, 2023	May 04, 2023	Unas	INT-2121	5Gbulkpm test still has references to authenticated PM topic	<span style="color: red;">●</span>	Jun 21, 2022	Jul 25, 2022	Ur
INT-2213	Develop ietf-actn-tools as an Oss plugin, letting vendors send network management request more easily	<input checked="" type="checkbox"/>	Mar 20, 2023	Jun 16, 2023	Unas	INT-2079 INT-2042 INT-1912	Scancode gateway timeout Switch Ransim to Integration base image SDC Stability test: success rate drops after ~ 500 onboarding	<span style="color: red;">●</span> <span style="color: red;">●</span> <span style="color: red;">●</span>	Feb 28, 2022 Dec 20, 2021 Apr 23, 2021	May 26, 2022 Mar 31, 2022 May 26, 2022	Ur
INT-2211	API Support for Addition-Deletion PNF (ONAP-SDK)	<input checked="" type="checkbox"/>	Mar 15, 2023	May 04, 2023	Unas	INT-1717	Robot has python 2.7 pods	<span style="color: red;">●</span>	Sep 10, 2020	May 04, 2023	Ur
INT-2210	[ROBOT] Clean up testsuites	<input checked="" type="checkbox"/>	Mar 14, 2023	May 04, 2023	Unas	INT-1716	robot pod is launched as root	<span style="color: red;">●</span>	Sep 09, 2020	May 04, 2023	Ur
INT-2208	Migrate mock ONAP applications from Orange GitLab	<input checked="" type="checkbox"/>	Mar 13, 2023	Apr 27, 2023	Unas	14 issues					
INT-2194	Create CPS test for daily /gating	<input checked="" type="checkbox"/>	Jan 18, 2023	May 04, 2023	Unassigned	None	<span style="color: orange;">—</span>	<span style="border: 1px solid black; padding: 2px;">IN PROGRESS</span>	Unresolved		
INT-2189	RANSim GUI update to align with the ORAN changes	<input checked="" type="checkbox"/>	Jan 11, 2023	May 04, 2023	Unassigned	None	<span style="color: orange;">—</span>	<span style="border: 1px solid black; padding: 2px;">IN PROGRESS</span>	Unresolved		
INT-2187	API Support for Service & CNF Upgrade (ONAP-SDK)	<input checked="" type="checkbox"/>	Jan 09, 2023	May 04, 2023	SANKET KS	SANKET KS	<span style="color: blue;">▼</span>	<span style="border: 1px solid black; padding: 2px;">OPEN</span>	Unresolved		
INT-2185	Skip dai;/gating tests if onap-helm or onap-k8s tests failed	<input checked="" type="checkbox"/>	Dec 22, 2022	Apr 27, 2023	Unassigned	None	<span style="color: orange;">—</span>	<span style="border: 1px solid black; padding: 2px;">OPEN</span>	Unresolved		
INT-2184	ORAN Alignment updates for SON usecase	<input checked="" type="checkbox"/>	Dec 21, 2022	May 04, 2023	Unassigned	None	<span style="color: orange;">—</span>	<span style="border: 1px solid black; padding: 2px;">OPEN</span>	Unresolved		

INT-2162	Create docker image for Core NSSMF Simulator and Ran NSSMF Simulator	<input checked="" type="checkbox"/>	Oct 17, 2022	May 04, 2023	Unassigned	None		<span style="border: 1px solid #ccc; padding: 2px;">IN PROGRESS</span>	Unresolved
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Showing 20 out of 43 issues

## 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 programmatic way to test your ONAP with realistic use cases

## Release Deliverables

Deliverable Name	Deliverable Description
Heat and helm charts + associated scripts	scripts and descriptors needed to perform the use cases (new and update)
Documentation	Update of the existing documentation including verified use case documentation
Release Note	

## 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 programmatically 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](#)