

J Release

optimization

Welcome to the J release page for the O-RAN Software community.

The J release is currently in incubation; initiating the definition of the requirements

- [Non-Real-time RIC \(NONRTRIC\)](#)
- [Near-Real-time RIC X-APPs \(RICAPP\)](#)
- [Near-Real-time RAN Intelligent Controller Platform \(E2 Interface\) \(RICPLT\)](#)
- [Operation and Maintenance \(OAM\)](#)
- [O-RAN Central Unit \(OCU\)](#)
- [O-DU High \(ODUHIGH\)](#)
- [O-DU Low \(ODULOW\)](#)
- [Simulators \(SIM\)](#)
- [Service Management and Orchestration Layer \(SMO\)](#)
- [Infrastructure \(INF\)](#)
- [Integration and Test \(INT\)](#)
- [AIML Framework \(AIMLFW\)](#)
- [Documentation \(DOC\)](#)

Non-Real-time RIC (NONRTRIC)

J-Release - Headline Goals:

- Continue working on rApp manager service
 - Aim to have a fully functional service, and several sample rApps
- Continue working on Service Manager service
 - Aim to have a first-release stable Service Exposure Manager function
 - Aim for O-RAN R1-SME spec compliance
- Consider which older functions to deprecate. (Resource prioritization)
 - Invite community participation & help
- Improvements in Function Test environments
 - Support latest releases, and expand set of use cases tested
- Continue improvements for A1-Policy functions (ONAP CCSDK)
 - Investigate emerging R1-A1 specifications & Introduce new A1-PMS-v3 NBI
 - Full alignment with OSC Near-RT-A1-Mediator
- Maintain & support existing NONRTRIC functions & service - best effort
- Assist with OSC Integrated SMO deployment scripts & charts
- Improvements in stability, 3PP vulnerability, test coverage & quality
- Continued engagement with O-RAN Alliance working groups for standardization alignment

J Release - Tasks:

- [NONRTRIC-571](#) - Getting issue details... [STATUS](#)
- [NONRTRIC-648](#) - Getting issue details... [STATUS](#)
- [NONRTRIC-670](#) - Getting issue details... [STATUS](#)
- [NONRTRIC-725](#) - Getting issue details... [STATUS](#)
- [NONRTRIC-753](#) - Getting issue details... [STATUS](#)
- [NONRTRIC-788](#) - Getting issue details... [STATUS](#)
- [NONRTRIC-799](#) - Getting issue details... [STATUS](#)
- [NONRTRIC-818](#) - Getting issue details... [STATUS](#)
- [NONRTRIC-825](#) - Getting issue details... [STATUS](#)
- [NONRTRIC-846](#) - Getting issue details... [STATUS](#)
- [NONRTRIC-896](#) - Getting issue details... [STATUS](#)
- [NONRTRIC-970](#) - Getting issue details... [STATUS](#)
- [NONRTRIC-971](#) - Getting issue details... [STATUS](#)
- [NONRTRIC-972](#) - Getting issue details... [STATUS](#)
- [NONRTRIC-973](#) - Getting issue details... [STATUS](#)

PTL: [John Keeney](#)

Wiki: <https://wiki.o-ran-sc.org/display/RICNR>

Latest Architecture:

- [Release I Architecture diagram - to be updated](#)

Components:

Tasks / Backlog / JIRA: <https://jira.o-ran-sc.org/projects/NONRTRIC/issues>

Gerrit / Source Code:

- nonrtric : <https://gerrit.o-ran-sc.org/r/admin/repos/nonrtric>
- nonrtric-plt-a1policymanagementservice: <https://gerrit.o-ran-sc.org/r/admin/repos/nonrtric/plt/a1policymanagementservice>
- nonrtric-plt-dmaapadapter: <https://gerrit.o-ran-sc.org/r/admin/repos/nonrtric/plt/dmaapadapter>
- nonrtric-plt-dmaapmediatorproducer: <https://gerrit.o-ran-sc.org/r/admin/repos/nonrtric/plt/dmaapmediatorproducer>
- nonrtric-plt-helmmanager: <https://gerrit.o-ran-sc.org/r/admin/repos/nonrtric/plt/helmmanager>
- nonrtric-plt-informationcoordinatorservice: <https://gerrit.o-ran-sc.org/r/admin/repos/nonrtric/plt/informationcoordinatorservice>
- nonrtric-plt-ranpm: <https://gerrit.o-ran-sc.org/r/admin/repos/nonrtric/plt/ranpm>
- nonrtric-plt-rappcatalogue: <https://gerrit.o-ran-sc.org/r/admin/repos/nonrtric/plt/rappcatalogue>
- nonrtric-plt-sme: <https://gerrit.o-ran-sc.org/r/admin/repos/nonrtric/plt/sme>
- nonrtric-plt-ranpm: <https://gerrit.o-ran-sc.org/r/admin/repos/nonrtric/plt/ranpm>
- nonrtric-rapp-healthcheck: <https://gerrit.o-ran-sc.org/r/admin/repos/nonrtric/rapp/healthcheck>
- nonrtric-rapp-orufhrecovery: <https://gerrit.o-ran-sc.org/r/admin/repos/nonrtric/rapp/orufhrecovery>
- nonrtric-rapp-ransliceassurance: <https://gerrit.o-ran-sc.org/r/admin/repos/nonrtric/rapp/ransliceassurance>
- portal/nonrtric-controlpanel : <https://gerrit.o-ran-sc.org/r/admin/repos/portal/nonrtric-controlpanel>
- sim/a1-interface : <https://gerrit.o-ran-sc.org/r/admin/repos/sim/a1-interface>

Sonar / Test Coverage Reports

- nonrtic-plt-dmaapadapter: <https://sonarcloud.io/project/overview?id=nonrtic-plt-dmaapadapter>
- nonrtic-plt-informationcoordinatorservice: <https://sonarcloud.io/project/overview?id=nonrtic-plt-informationcoordinatorservice>
- nonrtic-plt-rappcatalogue: https://sonarcloud.io/project/overview?id=nonrtic_plt_rappcatalogue
- nonrtic-plt-rappcatalogue-enhanced: https://sonarcloud.io/project/overview?id=o-ran-sc_nonrtic-plt-rappcatalogue-enhanced
- nonrtic-plt-ranpm:
 - https://sonarcloud.io/project/overview?id=o-ran-sc_nonrtic-plt-ranpm-pm-file-converter
 - <https://sonarcloud.io/project/overview?id=nonrtic-plt-ranpm-influxlogger>
 - <https://sonarcloud.io/project/overview?id=nonrtic-plt-ranpm-pmproducer>
 - <https://sonarcloud.io/project/overview?id=nonrtic-plt-ranpm-datafilecollector>
- nonrtic-plt-rappmanager: <https://sonarcloud.io/project/overview?id=nonrtic-plt-rappmanager>
- nonrtic-plt-rappmanager-participants: <https://sonarcloud.io/project/overview?id=nonrtic-plt-participants>
- portal/nonrtic-controlpanel:
 - nonrtic-gateway: <https://sonarcloud.io/project/overview?id=portal-nonrtic-controlpanel-gateway>
- sim/a1-interface: https://sonarcloud.io/project/overview?id=o-ran-sc_sim-a1-interface

Docs:

- nonrtic : <https://docs.o-ran-sc.org/projects/o-ran-sc-nonrtic/en/latest>
- nonrtic-plt-a1policymanagementservice: <https://docs.o-ran-sc.org/projects/o-ran-sc-nonrtic-plt-a1policymanagementservice/en/latest>
 - nonrtic-plt-dmaapadapter: <https://docs.o-ran-sc.org/projects/o-ran-sc-nonrtic-plt-dmaapadapter/en/latest>
- nonrtic-plt-dmaapmediatorproducer: <https://docs.o-ran-sc.org/projects/o-ran-sc-nonrtic-plt-dmaapmediatorproducer/en/latest>
- nonrtic-plt-helmmanager: <https://docs.o-ran-sc.org/projects/o-ran-sc-nonrtic-plt-helmmanager/en/latest>
- nonrtic-plt-informationcoordinatorservice: <https://docs.o-ran-sc.org/projects/o-ran-sc-nonrtic-plt-informationcoordinatorservice/en/latest>
- nonrtic-plt-ranpm: <https://docs.o-ran-sc.org/projects/o-ran-sc-nonrtic-plt-ranpm/en/latest>
 - nonrtic-plt-ranpm-datafilecollector: <https://docs.o-ran-sc.org/projects/o-ran-sc-nonrtic-plt-ranpm/en/latest/datafilecollector>
 - nonrtic-plt-pmlog: <https://docs.o-ran-sc.org/projects/o-ran-sc-nonrtic-plt-ranpm/en/latest/influxlogger>
 - nonrtic-plt-ranpm-pm-file-converter: <https://docs.o-ran-sc.org/projects/o-ran-sc-nonrtic-plt-ranpm/en/latest/pm-file-converter>
 - nonrtic-plt-pmproducer: <https://docs.o-ran-sc.org/projects/o-ran-sc-nonrtic-plt-ranpm/en/latest/pmproducer>
- nonrtic-plt-rappcatalogue: <https://docs.o-ran-sc.org/projects/o-ran-sc-nonrtic-plt-rappcatalogue/en/latest>
- nonrtic-plt-manager: <https://docs.o-ran-sc.org/projects/o-ran-sc-nonrtic-plt-rappmanager/en/latest>
- nonrtic-plt-sme: <https://docs.o-ran-sc.org/projects/o-ran-sc-nonrtic-plt-sme/en/latest>
- nonrtic-rapp-orufhrecovery: <https://docs.o-ran-sc.org/projects/o-ran-sc-nonrtic-rapp-orufhrecovery>
- nonrtic-rapp-ransliceassurance: <https://docs.o-ran-sc.org/projects/o-ran-sc-nonrtic-rapp-ransliceassurance>
- portal/nonrtic-controlpanel: <https://docs.o-ran-sc.org/projects/o-ran-sc-portal-nonrtic-controlpanel/en/latest>
- sim/a1-interface : <https://docs.o-ran-sc.org/projects/o-ran-sc-sim-a1-interface/en/latest>

Testing:

- [Function Tests](#)

Studies

- - [\[WIP\] Service Manager](#)
 - [\[WIP\] Simple guide how to use ICS - Information coordinator service](#)
 - [Release J: rApp Manager](#)
 - [Release J: Simple rApp using Hello World Microservice](#)

Weekly Meetings:

- [Meetings](#)

Release J - Demos

Release J - Container images

Release J - Deployment Instructions

Near-Real-time RIC X-APPs (RICAPP)

Primary Goals:

J release plan:

PTL: [SUNIL SINGH](#)

Jira: Count of Epics, User Stories, Tasks, and Issues: Total (10)

Completed Epics & Story:

[RICAPP-232](#) - hw-rust xApp for i-release

[RICAPP-230](#) - QP xApp (I-Release)

[RICAPP-229](#) - Anomaly Detection xApp (I-Release)

[RICAPP-224](#) - F1AP gnbDuConfigurationUpdate parser

[RICAPP-223](#) - Creating UE/CELL metrics hashmap based upon the KPIS supported by each E2 node

[RICAPP-222](#) - ASN decoders for kpm ran function description and asn encoders for action definition format1 and format3

Completed Tasks

[RICAPP-231](#) - Fix issue of mismatch data type when AD writes data to InfluxDB

[RICAPP-228](#) - Update RMR version and xapp frame to latest version

[RICAPP-227](#) - dynamically adding fields to influxdb and changed the UE KPI parse logic as per indications coming from VIAVI RIC-Test

[RICAPP-226](#) - Update KPM model to latest one

J release highlights/accomplishments:

J release source code, container images and deployment instructions

The list of container images

Code Coverage Reports :

Near-Real-time RAN Intelligent Controller Platform (E2 Interface) (RICPLT)

Theme: Make the platform more robust in handling E2AP, conflicts and A1

Original primary goals based on contributions from Nokia, Samsung, Capgemini, HCL Alexandre Huff (UTFPR), GS Lab and Abhijit G:

- Additional messages: modify src code to be more lenient in ordering of IEs in ASN.1 (RIC-1030, GS)
- tests with mock replies for subscriptions, registrations and alarms in xapp framework for Rust (RIC-1028, AG)
- Handling of E2 Error Indication from E2 node at E2M and Sub manager (RIC-1024, N)
- Graceful Handling of Unsupported E2AP Procedure at E2T (RIC-1023, N)
- Handling of SCTP Abort message from E2 Node (RIC-1022, N)
- remove leading zeros in gnb, cu, du ID , MCC and MNC (RIC-1021, N)
- Abnormal signaling process cause E2Term crash (Bug RIC-1002, N)
- Handling of RIC Error indication _during_ E2 setup (RIC-997, N)
- E2 Conflict management between xApps (RIC-993, CG)
- implement test cases for xapp-frame-cpp (RIC-950, H)
- Support Startup/Health script demonstrating release capabilities (RIC-926, H)
- A1 mediator testing in nanobot (RIC-926, H)
- xapp testing nanobot enhancements: wider coverage of functionality, e.g., Subscription deletion (RIC-860, H)
- scale-in and scale out using K8S operators (details still open) (RIC-1048, S)

Link to planned Jira work items: [link](#)

Achieved J release highlights = high-level release notes (TODO) below (note that the release image list is here: TODO)

Filled in end-of-release checklist:

PTL: [Thoralf Czichy](#)

Status 2024-02-02: First list of planned features ready. Still expecting feedback from some subteams.

J release source code, container images and deployment instructions

The list of container images for the release ...

Code coverage:

Mapping of new features to O-RAN Spec

RIC-1024, RIC-997 relate to correct implementation of ErrorIndication as defined in E2AP in addition to other failure cases that are defined in E2AP.

RIC-993 is an implementation of E2 guidance for conflict mitigation (see RICHARCH 6.0 draft). As WG3 is still in the process of specifying this we may have to adapt later.

Operation and Maintenance (OAM)

Primary Goals:

- update of O-RAN WG10 VES message bodies
- update of O-RAN WG4 optional VES bodies
- update of OAM-Controller to OpenDaylight version Potassium-SR1
- support of other O-RAN-SC projects (e.g. SMO, Non-RT-Ric, O-DU, INT) based on RSAC and other input.
- support of OAI and nephio integration with O-RAN-SC related to OAM

J release Feature Scope:

Please see also project wiki for further details: [J-Release](#)

PTL: [Martin Skorupski](#)

J release highlights/accomplishments (2024-06-15):

Please see release details:

J release source code, container images and deployment instructions (and status)

Jira: Count of Epics ([15 issues](#)), User Stories, Tasks, and Issues: [166 issues](#)

Source Code:

- [OAM master](#)
- [OAM Controller features master](#)
- [ONAP VES Collector master](#)

Integration:

- [helm charts](#)
- [docker-compose](#)

O-RAN Central Unit (OCU)

Primary Goals:

- In the absence of O-CU, Radisys commercial CU image is to be used for E2E testing

J release Feature Scope:

J Release Feature Scope:

- NA

PTL:

NA

O-DU High (ODUHIGH)

Primary Goals:

1. Multi UE (max=2) scheduling per TTI in scheduler UL part
2. End-to-end integration
3. OSC-OAI Collaboration

J release Feature Scope:

- Integration of ODU-High with intel L1
 - **Status:** Spread over multiple releases, TM500 is available in NTUST lab and integration to resume
 - **Epic:** <https://jira.o-ran-sc.org/browse/ODUHIGH-475>
- Multi UE (max=2) scheduling per TTI in scheduler (UL part)
 - **Status:** In progress
 - **Epic:** <https://jira.o-ran-sc.org/browse/ODUHIGH-556>
- OSC-OAI Collaboration
 - **Status:** In progress
 - **Epic:** <https://jira.o-ran-sc.org/browse/ODUHIGH-557>

PTL: [Ankit Barve](#)

Status on 25 Jan 2024

J release highlights/accomplishments ():

- J release source code, container images, and deployment instructions (and status)

source code:

Release notes:

Document: <https://docs.o-ran-sc.org/projects/o-ran-sc-o-du-l2/en/latest/>

Code coverage: NA (Unit test framework not available)

O-DU Low (ODULOW)

Primary Goals:

J release Feature Scope:

PTL: [Luis Farias](#) , Alternate: [@Chenxi Yue](#)

J release highlights/accomplishments ():

J release source code, container images, and deployment instructions (and status)

source code:

Release notes:

Document:

Code coverage:

Simulators (SIM)

Primary Goals:

- Keep alignment with latest O-RAN specifications (O1, E2)

J Feature Scope / Achievements:

- Keep alignment with latest O-RAN specifications (O1, E2)
- Provide datasets to the AI/ML team for training

Sprint Demos:

PTL: [Alex Stancu](#)

Jira: Count of Epics, User Stories, Tasks, and Issues:

J release highlights/accomplishments ():**J release source code, container images and deployment instructions**

Source code:

Container images are described here.

Instructions: no specific instructions.

Code coverage:

Service Management and Orchestration Layer (SMO)

Primary Goals:

The primary goal of SMO in the H-release is to act as glue between the different components of O-RAN.

J release Feature Scope:

Improve O2 DMS ETSi profile.

Develop O2 interfaces and integrate with OSC INF:

1. FOCOM interfaces to create cluster.
2. NFO K8s profile to Deploy a CNF on top of the cluster created through OSC-INF

PTL: [Seshu Kumar Mudiganti](#)

J release highlights/accomplishments ():**J release source code, container images and deployment instructions (and status)**

J release source code for SMO can be found in the following repositories

- [O1 repository](#)
- [O1/VES repository](#)
- [O2 repository](#)
 - For the O2 Interface OpenStack Tacker project (External repository)
 - Source code: <https://opendev.org/openstack/tacker>
 - Code coverage: [Coverage report](#) (Latest OpenStack verification results)

The container images for SMO can be found on the Nexus server, where applicable.

The container images for OpenStack Tacker can be found in OpenStack Kolla repository.

- <https://quay.io/repository/openstack.kolla/tacker-server>
- <https://quay.io/repository/openstack.kolla/tacker-conductor>

The OpenStack Tacker container can be started with the steps in the following documentation.

- <https://docs.openstack.org/tacker/latest/install/kolla.html>
- <https://docs.openstack.org/kolla-ansible/latest/user/quickstart.html>

The installation instructions for SMO can be found in the documentation page [here](#).

Status

The status of the SMO project is tracked using Jira items. For the latest status refer to the items below.

Infrastructure (INF)

Primary Goals:**J release Feature Scope:**

PTL: [Jackie Huang](#)

J release highlights/accomplishments (15 Nov 2023):**Jira: Status of Epics, User Stories, Tasks, and Issues:**

Update at

• EPICs:

Key	Summary	T	Created	Updated	Due	Assignee	Reporter	P	Status	Resolution
INF-443	[MultiOS] Update INF Platform to aligned with StarlingX 9.0		Feb 27, 2024	Apr 23, 2024		Jackie Huang	Jackie Huang		TO DO	Unresolved
INF-442	[O2] Update O2 implementation to aligned with new Spec Ver 5.0		Feb 27, 2024	May 09, 2024		Jon Zhang	Jackie Huang		TO DO	Unresolved
INF-441	[MultiOCloud] Develop OKD as alternative O-Cloud platform		Feb 13, 2024	Apr 10, 2024		Christopher Wheeler	Christopher Wheeler		TO DO	Unresolved
INF-425	[INT] Support integration of INF as O-Cloud with other o-ran sc components for orchestration automation conforming to O-RAN compliance specs in I release		Jun 08, 2023	Jan 30, 2024		Jon Zhang	Jackie Huang		TO DO	Unresolved
INF-286	[MultiOS][Debian]Add automated deployment and testing via Robot framework		Aug 19, 2022	Dec 15, 2023		Jackie Huang	Jackie Huang		TO DO	Unresolved
INF-260	[O2]Support integration between INF as O-Cloud with SMO via O2 interface		Mar 24, 2022	Jan 30, 2024		Jon Zhang	Bin Yang		TO DO	Unresolved

6 issues

• Stories:

Key	Summary	T	Created	Updated	Due	Assignee	Reporter	P	Status	Resolution
INF-461	[O2] Add HTTPS support		May 09, 2024	May 10, 2024		Joshua Kraitberg	Joshua Kraitberg		TO DO	Unresolved
INF-460	[O2] Fix alarm related errors		May 09, 2024	May 10, 2024		Joshua Kraitberg	Joshua Kraitberg		TO DO	Unresolved
INF-458	[O2] Improve Dockerfile		May 02, 2024	May 14, 2024		Joshua Kraitberg	Joshua Kraitberg		DONE	Done
INF-456	[MultiOS] Update INF source code and rebase patches to Starlingx 9.0		Apr 23, 2024	May 07, 2024		Jackie Huang	Jackie Huang		IN PROGRESS	Unresolved
INF-420	[O2] Investigate the filter during subscription creation		May 24, 2023	Dec 05, 2023		David Liu	David Liu		TO DO	Unresolved
INF-418	[O2] Following the Stx 8.0 to upgrade the sdk client with Stx		May 23, 2023	Jan 30, 2024		Jon Zhang	Jon Zhang		TO DO	Unresolved
INF-416	[O2] Automate test cases /scripts for filter and selector validation.		May 23, 2023	Dec 05, 2023		David Liu	David Liu		TO DO	Unresolved
INF-415	[O2] Automate test cases /scripts for subscription and registration with SMO through oAuth2		May 23, 2023	Dec 05, 2023		David Liu	David Liu		TO DO	Unresolved
INF-390	[INT] Support integration between INF as O-Cloud with RIC controller via O2 interface		Dec 21, 2022	Jan 30, 2024		Jon Zhang	Bin Yang		TO DO	Unresolved
INF-330	[O2] Add param OS_INTERFACE to override values		Nov 01, 2022	Jan 30, 2024		Jon Zhang	Bin Yang		TO DO	Unresolved

10 issues

• Tasks:

Key	Summary	T	Created	Updated	Due	Assignee	Reporter	P	Status	Resolution
INF-459	[O2] Follow the fault manager upgrade	✓	May 09, 2024	May 09, 2024		Jon Zhang	Jon Zhang	==	TO DO	Unresolved
INF-449	[O2] 2.1.3.1.2.5 Infrastructure Alarm Purge update with Monitoring API	✓	Apr 08, 2024	May 09, 2024		Jon Zhang	Jon Zhang	==	IN PROGRESS	Unresolved
INF-448	[O2] mTLS support for the O2 IMS endpoint	✓	Apr 08, 2024	May 09, 2024		Jon Zhang	Jon Zhang	==	IN PROGRESS	Unresolved
INF-324	[O2] Spec issue: O-Cloud attributes "resourceTypes, resourcePools, deploymentManagers"	✓	Oct 27, 2022	Jan 30, 2024		Jon Zhang	Jon Zhang	==	TO DO	Unresolved
INF-323	[O2] Query ResourceType with filter, the filter cannot support alarmDictionary key as the attribute	✓	Oct 27, 2022	Jan 30, 2024		Jon Zhang	Jon Zhang	==	TO DO	Unresolved
5 issues										
• Bugs:										
Key	Summary	T	Created	Updated	Due	Assignee	Reporter	P	Status	Resolution
INF-457	[O2] watch the alarm failed	✗	Apr 29, 2024	May 09, 2024		Jon Zhang	Jon Zhang	==	DONE	Done
INF-455	[O2] hard coded for ipv4, and ipv6 does not work	✗	Apr 19, 2024	May 09, 2024		Jon Zhang	Jon Zhang	==	DONE	Done
INF-446	[O2] SSLCertVerificationError when apply O2 application on starlingx with SSL enabled	✗	Apr 02, 2024	Apr 08, 2024		Unassigned	kaige sun	==	TO DO	Unresolved
INF-444	[O2] 2.0.3 image pull failed	✗	Mar 01, 2024	Mar 01, 2024		Jon Zhang	Jon Zhang	==	DONE	Done
INF-279	[MultiOS][Patch]Offline patch didn't working on patch0001	✗	Jun 30, 2022	Dec 15, 2023		Jackie Huang	Jon Zhang	==	TO DO	Unresolved
INF-259	[MultiOS][Yocto]INF installation through VirtualBox failed cause by IDE disk	✗	Feb 25, 2022	Jan 30, 2024		Jackie Huang	Jon Zhang	✓	TO DO	Unresolved
INF-255	[O2]Throw "sqlalchemy.exc.DetachedInstanceError" while load test	✗	Jan 18, 2022	Jan 30, 2024		Jon Zhang	Jon Zhang	✓	TO DO	Unresolved
INF-187	[MultiOS][Yocto][Installation] Unable to install the INF AIO IMG on a target machine having boot mode as UEFI rather than BIOS mode.	✗	Aug 13, 2020	Jan 30, 2024		Jackie Huang	Nitin Sharma	==	TO DO	Unresolved
8 issues										
Test status:										
Code coverage:										
• INF platform ◦ Code coverage report: o-ran-pti-rtt - (sonarcloud.io) ◦ INF is a downstream project of StarlingX and Yocto Project, the above coverage report may not reflect the real code coverage, so we also need to refer to the status from upstream projects.										
• O2 ◦ Total coverage: 54% ◦ Detail report: cov-report_20220609.txt										
Release Note:										
J release source code, images and deployment instructions										
• Each repository has a branch named "j-release" that can be accessed using git: • Images for INF project • Deployment instruction:										

Integration and Test (INT)

Primary Goals:
• Successful integration of TM500 with O-DU-high and O-DU-low • Integration of OSC-OAI • Expand pairwire tests coverage and improve the level of automation
J Feature Scope / Achievements:
PTL: James Li
J release highlights/accomplishments:
J release source code, container images and deployment instructions

AIML Framework (AIMLFW)
Primary Goals:
J release highlights/accomplishments:
•
EPICs considered for J-release:
PTL: Joseph Thaliath
Wiki: AI/ML Framework
Tasks / Backlog / JIRA: https://jira.o-ran-sc.org/projects/AIMLFW/issues
Gerrit / Code:
• aiml-fw/awmf/tm: Training Manager : Training job and model management • aiml-fw/athp/tps/kubeflow-adapter: Adapter for Kubeflow • aiml-fw/athp/sdk/model-storage: Sdk for accessing Model storage • aiml-fw/athp/sdk/feature-store: Sdk for accessing Feature store • aiml-fw/athp/data-extraction: Retrieving features for training from Data lake • aiml-fw/aimlfw-dep: Deployment scripts aiml workflow • portal/aiml-dashboard: GUI for AIML Workflow • ric-app/qp-aimlfw: Sample ML Assist xApp for QoE prediction • aiml-fw/aihp/ips/kserve-adapter: kserve adapter for near-RT RIC • aiml-fw/awmf/modelmgmtservice: Model Management services
Sonar / Test Coverage Reports:
Documentation:
https://docs.o-ran-sc.org/en/latest/projects.html#ai-ml-framework
Installation/Demo guides:
AIMLFW: https://docs.o-ran-sc.org/projects/o-ran-sc-aiml-fw-aimlfw-dep/en/latest/installation-guide.html
Demo videos:
Files for J release
Release Container images:
O-RAN specification References:

Documentation (DOC)
Primary Goals: publish J release document
J release Feature Scope: publish J release document
PTL: weichen ni

J release highlights/accomplishments (): publish J release document https://docs.o-ran-sc.org/en/latest/
Release Note:
J release source code, images and deployment instructions N/A