

Portal R4 M1 Release Planning (Dublin Release)

The content of this template is expected to be fill out for M1 Release Planning Milestone.

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Overview

Project Name	Portal Platform
Target Release Name	R4 Dublin Release
Project Lifecycle State	Incubation. Refer to ONAP Charter, section 3.3 Project Lifecycle for further information
Participating Company	AT&T, ChinaMobile, IBM, Amdocs

Scope

What is this release trying to address?

Scope: The scope of this release will be for the Portal Platform to support the below list: (provided the lead developers names who will be providing status on these committed features in weekly scrums)

[5G Usecase Impacts on Portal platform \(AT&T resources - Leimeng Shi \)](#)

- Impact on Functional Menu for the usecase flows to different components.
- User next step recommendation feature can help new users that are not familiar with the 5G steps.

New features (Chinamobile , AT&T, IBM resources)

- Locale/Internationalization language support – UsecaseUI project integration. (Chinamobile resources committed for this feature - [Ta o Shen](#))
- Reporting feature enhancement in portal/sdk (AT&T resources - [Leimeng Shi](#))
- Angular 6 Upgrade of ONAP Portal and SDK with 1 or 2 new UI screens (IBM and AT&T resources partially committed - [Deven Panchal](#) and [Saravanan Madheswaran](#))
 - *may impact partnering apps like Policy and VID*

House Keeping (AT&T, Amdocs resources)

- Maintain documentation for the architecture, APIs and release notes. (AT&T resources - [Lorraine Welch](#))
- Improved logging - (Amdocs resource - [Michael O'Brien](#))

Test Automation (IBM resources partially committed - [Sireesh Chintamani](#))

- Add new tests through Robot Framework for the new features.
- Perform pairwise testing – through automated tests for CLI, SDC, MSB, VID, Policy, AAI.
- Stability for Portal - platform level soak w/random transactions.

Not-in-Scope: Please check [Gaps](#).

Use Cases

Describe the use case this release is targeted for (better if the reference to customer use case).

Portal support top menu for "5G PNF Plug and Play" use case.


Minimum Viable Product

Supporting 5G use case, Internationalization language support, and technology stack upgrade is the MVP for this release.

Functionalities








List the functionalities that this release is committing to deliver by providing a link to JIRA Epics and Stories. In the JIRA Priority field, specify the priority (either High, Medium, Low). The priority will be used in case de-scoping is required. Don't assign High priority to all functionalities.

Epics

Key	Summary	T	Created	Updated	Due	Assignee	Reporter	P	Status	Resolution
PORTAL-266	AAF integration		May 04, 2018	Aug 12, 2023		Unassigned	None	=	CLOSED	Done

[1 issue](#)

Stories

Key	Summary	T	Created	Updated	Due	Assignee	Reporter	P	Status	Resolution
PORTA L-557	Update Docker and Helm charts with correct version numbers		Apr 16, 2019	May 23, 2019		Unassigned	None	=	CLOSED	Done
PORTA L-543	Fix fortify scan security vulnerability issues		Mar 15, 2019	May 16, 2019		Unassigned	None	=	CLOSED	Done
PORTA L-518	upgrade Portal's dockerFiles to use openjdk:8-alpine		Feb 08, 2019	Feb 08, 2019		Unassigned	None	=	CLOSED	Done
PORTA L-510	Code changes for Portal DB script to support the language support		Jan 28, 2019	May 23, 2019		Unassigned	None	=	CLOSED	Done
PORTA L-467	Add Acumos as external app link in OnBoarding script		Nov 07, 2018	Jul 10, 2019		Unassigned	None	=	CLOSED	Done
PORTA L-377	Code changes for Portal UI to support the language support		Aug 24, 2018	Jun 30, 2023		Unassigned	None	=	CLOSED	Done
PORTA L-376	Code changes for language support APIs in portal/sdk repo		Aug 24, 2018	Jun 30, 2023		Unassigned	None	=	CLOSED	Done

PORTA L-345	Update Documentation for Angular Update		Aug 03, 2018	Jun 30, 2023	Unassigned	None	=	CLOSED	Done
PORTA L-272	Review new features and enhancements to add the test cases		May 08, 2018	Aug 12, 2023	Unassigned	None	=	CLOSED	Done
PORTA L-264	Encryption algorithm change		May 04, 2018	May 23, 2019	Unassigned	None	=	CLOSED	Done
PORTA L-151	Architecture review for Portal and usecase UI to support multi-language		Dec 11, 2017	Aug 12, 2023	Unassigned	None	=	CLOSED	Done

[11 issues](#)

Longer term roadmap

Indicate at a high level the longer term roadmap. This is to put things into the big perspective.

[Requirements for Dublin release - road map](#)

Release Deliverables

Indicate the outcome (Executable, Source Code, Library, API description, Tool, Documentation, Release Note...) of this release.

Deliverable Name	Deliverable Description
Portal platform	Docker image of the application
SDK libraries	artifacts for onboarding applications components

Sub-Components

List all sub-components part of this release.

Activities related to sub-component must be in sync with the overall release.

Sub-components are repositories are consolidate in a single centralized place. Edit the [Release Components name for your project](#) in the centralized page.

ONAP Dependencies

List the other ONAP projects your depends on.

Components involved in 5G usecases that requires functional menus on the Portal platform. So, far SDC, VID, AAI are identified.

UsecaseUI for internationalization feature contribution.

Architecture

High level architecture diagram

At that stage within the Release, the team is expected to provide more Architecture details describing how the functional modules are interacting.

Block and sequence diagrams showing relation within the project as well as relation with external components are expected.

Anyone reading this section should have a good understanding of all the interacting modules.



portal_arch.pdf

Platform Maturity

Referring to [CII Badging Security Program](#) and [Platform Maturity Requirements](#), fill out the table below by indicating the actual level , the targeted level for the current release and the evidences on how you plan to achieve the targeted level.

Portal's maturity requirements status is maintained for Dublin release here - [Portal R4 Dublin - Integration Test Plans](#)

API Incoming Dependencies

List the API this release is expecting from other releases.

Prior to Release Planning review, Team Leads must agreed on the date by which the API will be fully defined. The API Delivery date must not be later than the [release API Freeze date](#).

Prior to the delivery date, it is a good practice to organize an API review with the API consumers.

API Name	API Description	API Definition Date	API Delivery date	API Definition link (i.e.swagger)

API Outgoing Dependencies

API this release is delivering to other releases.

API Name	API Description	API Definition Date	API Delivery date	API Definition link (i.e.swagger)
Internationalization APIs	To support language and locale	M3	M4	<p>UsecaseUI team to contribute the details as they collaborating with Portal team on this requirement.</p> <p>*Multi-Language Functionality API List:</p> <ul style="list-style-type: none">• GET /auxapi/languageSetting/user/{loginId} language setting in Portal Gets login user• PUT /auxapi/languageSetting/user/loginId} language setting in Portal Updates login user• POST /auxapi/language language option in Portal Adds a• DELETE /auxapi/language language option in Portal Deletes a• GET /auxapi/languages language options in Portal Gets all

Third Party Products Dependencies

Third Party Products mean products that are mandatory to provide services for your components. Development of new functionality in third party product may or not be expected.

List the Third Party Products (OpenStack, ODL, RabbitMQ, Elasticsearch, Crystal Reports, ...).

Name	Description	Version
MariaDB	The MariaDB is the repository that holds all the policies, templates, PDP group, and deployment information.	10.0
Nexus	The Nexus repository holds all the currently deployed Operational (i.e. Drools policies) and their dependent artifacts.	2.14.2-01
ElasticSearch	Used to search text within policy.	5.4.0
Ubuntu	Operating system	14.04

In case there are specific dependencies (Centos 7 vs Ubuntu 16. Etc.) list them as well.

Testing and Integration Plans

Provide a description of the testing activities (unit test, functional test, automation,...) that will be performed by the team within the scope of this release.

Describe the plan to integrate and test the release deliverables within the overall ONAP system.
Confirm that resources have been allocated to perform such activities.

JUnit tests: 70% code coverage is the goal for all repositories without javascript.

If resources become available, we will add more CSIT test cases.

Gaps

This section is used to document a limitation on a functionality or platform support. We are currently aware of this limitation and it will be delivered in a future Release.

List identified release gaps (if any), and its impact.

Gaps identified	Impact
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<p>Security (No committed resources)</p> <ul style="list-style-type: none"> ◦ AAF integration for partners - SDC, AAI requires SDK upgrade. ◦ AAF certificate management integration (both for FE HTTPs and BE rest API calls, widget MicroService, Cassandra, DB) ◦ API Access restrictions - Utilize CADI Integration to secure system to system communication ◦ Addressing security issues – NexusIQ Critical and Severe issues; maintaining CII badging; <p>New features (No committed resources)</p> <ul style="list-style-type: none"> ◦ Onboarding Apps: Pomba, SDN Self Service Portal & Admin Portal, Use Case UI (FW Mode), MSB (FW Mode), CLAMP Designer ◦ Simplified Self Service Onboarding – Phase1 <p>Address ONAP Platform Maturity Guidelines (No committed resources)</p> <ul style="list-style-type: none"> ◦ <i>Support deployment, scalability issues of the platform (DB docker- Galera Cluster)</i> ◦ <i>Music Cassandra as a service - integration</i> ◦ <i>Music team to provide DB as a service</i> ◦ Improve integration with OOM deployment. ◦ Switch from dedicated MariaDB to centralized ONAP Database as a service (OOM Team integration). ◦ Some dockers use mysql in onap, some use mariadb, different dockers use the same database version is also inconsistent, resulting in very confusing, it is recommended to have a unified version and software. ◦ API versioning and backward compatibility support <p>House Keeping (No committed resources)</p> <ul style="list-style-type: none"> ◦ Improve code coverage from 65% to 80% - JUnit Test Coverage; ◦ Address Sonar reported critical issues; ◦ docker separation, and SDK Simplification. <ul style="list-style-type: none"> ▪ <i>Split DB, Portal and SDK docker images</i> ▪ <i>Simplify deployment by avoiding the etc /hosts file entries</i> ◦ Footprint optimization: reduce image size, avoid image duplications, reduce memory requirements. 	<p>Updated in Dublin Risks</p> <p>Risk#3 - Security impact on Policy, VID apps that use portal/sdk regarding addressing NexusIQ security issues and AAF integration which is not committed by Portal team so far due to lack of resources;</p> <p>Risk#4 - Impacts Dublin platform maturity requirements (Footprint Optimization, Logging Capabilities). Also, OOM deployment is impacted if the DB scaling changes are not supported by Portal team; also the changes for simplification of etc/hosts entries impacts the OOM deployment which is not committed by Portal team so far due to lack of resources.</p>
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Known Defects and Issues

Provide a link toward the list of all known project bugs.

Key	Summary	T	Created	Updated	Due	Assignee	Reporter	P	Status	Resolution
PORTA L-597	Policy not reachable from portal		May 29, 2019	Aug 12, 2023		Unassigned	None		CLOSED	Done
PORTA L-596	Portal can't launch AAI - url uses fqdn that does not match ssl certificate allowed names		May 29, 2019	Aug 12, 2023		Unassigned	None		CLOSED	Done
PORTA L-593	Can not connect Portal		May 24, 2019	Aug 12, 2023		Unassigned	None		CLOSED	Not a Bug
PORTA L-580	Portal can not start due to missing database 'portal'		May 16, 2019	May 17, 2019		Unassigned	None		CLOSED	Done

PORTA L-579	Portal keyspace is not created in Cassandra under race condition		May 12, 2019	Jun 10, 2019	Unassigned	None		CLOSED	Done
PORTA L-575	when not logged-in, user redirected to wrong login page		May 07, 2019	May 26, 2019	Unassigned	None		CLOSED	Done
PORTA L-571	Can't access Portal UI		May 02, 2019	Aug 12, 2023	Unassigned	None		CLOSED	Done
PORTA L-569	Admin User has lesser privileges		May 01, 2019	May 23, 2019	Unassigned	None		CLOSED	Done
PORTA L-568	Demo User Does not exist		May 01, 2019	May 28, 2019	Unassigned	None		CLOSED	Done
PORTA L-567	Not able to view different Language other then English		Apr 25, 2019	May 06, 2019	Unassigned	None		CLOSED	Done
PORTA L-566	Language option is not having any name on the label.		Apr 25, 2019	May 13, 2019	Unassigned	None		CLOSED	Done
PORTA L-565	unknown language displayed - no reaction when selected		Apr 24, 2019	Aug 12, 2023	Unassigned	None		CLOSED	Done
PORTA L-564	missing label on Language selection		Apr 24, 2019	May 06, 2019	Unassigned	None		CLOSED	Done
PORTA L-563	Onboarded Acumos App has the wrong app_id		Apr 23, 2019	May 23, 2019	Unassigned	None		CLOSED	Done
PORTA L-560	Fix end-of-line settings for .rst files in portal repo		Apr 18, 2019	Apr 19, 2019	Unassigned	None		CLOSED	Done
PORTA L-554	Can not access Policy application UI from Portal		Apr 13, 2019	Jul 10, 2019	Unassigned	None		CLOSED	Done
PORTA L-547	DB connection error using portal SDK		Mar 27, 2019	Apr 10, 2019	Unassigned	None		CLOSED	Done
PORTA L-499	See :ref:`Portal SDK <portal-sdk>` does not link to anything		Oct 25, 2018	Jan 15, 2019	Unassigned	None		CLOSED	Done
PORTA L-475	NPE in MUSIC MusicSessionRepository.findById MusicSession.isExpired()		Nov 22, 2018	May 23, 2019	Unassigned	None		CLOSED	Done
PORTA L-465	Policy and VID applications are not opening from Portal		Oct 31, 2018	Jul 10, 2019	Unassigned	None		CLOSED	Done

Showing 20 out of 24 issues

Risks

List the risks identified for this release along with the plan to prevent the risk to occur (mitigation) and the plan of action in the case the risk would materialized (contingency).

Risk identified	Mitigation Plan	Contingency Plan
Resources	Actively seeking community support.	Current resources are not enough to satisfy even the Highest Priority Epics

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.

Team Internal Milestone

This section is optional and may be used to document internal milestones within a project team or multiple project teams. For instance, in the case the team has made agreement with other team to deliver some artifacts on a certain date that are not in the release milestone, it is recommended to provide these agreements and dates in this section.

It is not expected to have a detailed project plan.

Date	Project	Deliverable
To fill out	To fill out	To fill out

Documentation, Training

- Highlight the team contributions to the specific document related to the project (Config guide, installation guide...).
- Highlight the team contributions to the overall Release Documentation and training asset
- High level list of documentation, training and tutorials necessary to understand the release capabilities, configuration and operation.
- Documentation includes items such as:
 - Installation instructions
 - Configuration instructions
 - Developer guide
 - End User guide
 - Admin guide
 - ...



Note

The Documentation project will provide the Documentation Tool Chain to edit, configure, store and publish all Documentation asset.

Other Information

Vendor Neutral

If this project is coming from an existing proprietary codebase, ensure that all proprietary trademarks, logos, product names, etc. have been removed. All ONAP deliverables must comply with this rule and be agnostic of any proprietary symbols.

Free and Open Source Software

FOSS activities are critical to the delivery of the whole ONAP initiative. The information may not be fully available at Release Planning, however to avoid late refactoring, it is critical to accomplish this task as early as possible.

List all third party Free and Open Source Software used within the release and provide License type (BSD, MIT, Apache, GNU GPL,...).

In the case non Apache License are found inform immediately the TSC and the Release Manager and document your reasoning on why you believe we can use a non Apache version 2 license.

Each project must edit its project table available at [Project FOSS](#).

Charter Compliance

The project team comply with the [ONAP Charter](#).

Release Key Facts

Fill out and provide [a link toward the centralized Release Artifacts](#).