CPS R11 Release Planning

- Scope
  - What is this release trying to address?
  - Minimum Viable Product
- Requirements
  - ONAP Best Practices (Global Requirements)
  - CPS-CORE / CPS-NCMP Requirements
  - Spin-off user stories, yet to be prioritized
- Functionalities
    - User Stories
  - Longer term roadmap
- Release Deliverables
- Sub-Components
- Architecture
  - High level architecture diagram
  - Platform Maturity
  - API Incoming Dependencies
  - API Outgoing Dependencies
  - Third Party Products Dependencies
- Testing and Integration Plans
- Gaps
- Known Defects and Issues
- Risks
- Resources
- Release Milestone
- Team Internal Milestone
- Documentation, Training
- Other Information
  - Vendor Neutral
  - Free and Open Source Software

blocked URL

Overview

Project Name	Enter the name of the project
Target Release Name	Kohn
Project Lifecycle State	Incubation
Participating Companies	Bell Canada, Ericsson, Wipro

Scope

What is this release trying to address?

Further integrate CPS into ONAP architecture through additional components and interfaces such as

- Extend Sync to include data sync and maintaining sync state
- AAI integration
- Read access to cached data (datastore ncmp-datastores:operational)

Minimum Viable Product

N/A

Requirements

Priority legend							**Committent** Legend				
Preliminary	Fixed	In Progress	Paused	Completed	De-scoped		Delivered (on master)	Committed	Study/Investigation No delivery	Partial Delivery	De-scoped

ONAP Best Practices (Global Requirements)

ONAP Requirement	Notes	CPS- Jira(s)

REQ-443 - Getting issue details... STATUS	Aiming for gold! 1. Need to complete Survey 2. Dependency on ONAP Infrastructure Tickets	CPS-1140 - Getting issue details... STATUS
REQ-439 - Getting issue details... STATUS		CPS-1106 - Getting issue details... STATUS

CPS-CORE / CPS-NCMP Requirements

Priority	Kohn Requirement Jira	Component (s)	Description	Notes	Principle Point of Contact	Jira(s)
1	REQ-1281 - Getting issue details... STATUS	CPS-NCMP	NCMP should publish notifications for any newly added (once the modules are synced) or deleted cm handles. **Note.** This depends on persists hand handling state transitions	Includes implementation of state handling (state persistence) as far as applicable as defined by #7 above	Priyank Maheshwari	CPS-858 - Getting issue details... STATUS CPS-872 - Getting issue details... STATUS CPS-874 - Getting issue details... STATUS CPS-875 - Getting issue details... STATUS CPS-876 - Getting issue details... STATUS CPS-877 - Getting issue details... STATUS CPS-878 - Getting issue details... STATUS CPS-909 - Getting issue details... STATUS CPS-899 - Getting issue details... STATUS CPS-898 - Getting issue details... STATUS CPS-977 - Getting issue details... STATUS CPS-1015 - Getting issue details... STATUS CPS-1034 - Getting issue details... STATUS CPS-1045 - Getting issue details... STATUS

						CPS-1046 - Getting issue details... STATUS CPS-1076 - Getting issue details... STATUS CPS-1100 - Getting issue details... STATUS CPS-1102 - Getting issue details... STATUS CPS-1101 - Getting issue details... STATUS CPS-1099 - Getting issue details... STATUS CPS-1120 - Getting issue details... STATUS CPS-1104 - Getting issue details... STATUS CPS-1162 - Getting issue details... STATUS CPS-1163 - Getting issue details... STATUS CPS-1165 - Getting issue details... STATUS CPS-1167 - Getting issue details... STATUS
2	REQ-1281 - Getting issue details... STATUS	CPS-NCMP	Support public CM handle properties	Basic support for public properties + query capability	Dylan Byrne	CPS-677 - Getting issue details... STATUS CPS-817 - Getting issue details... STATUS CPS-837 - Getting issue details... STATUS CPS-731 - Getting issue details... STATUS CPS-1016 - Getting issue details... STATUS
3	REQ-1281 - Getting issue details... STATUS	CPS-NCMP	Implement -async option for CRUD and Patch operations (for one CM-Handle)	Required for potentially long running requests Note below to be agreed.,, **/ncmp/v1/data/ch/123ee5/ds/ncmp-datastore:*?topic=<topic-name>** **Accept : application/yang-data+json, application/json** Responses always published by NCMP to the client topic. dmi-plugin may publish to NCMP on a local /private topic. Response event payload contains the public topic name.	Sourabh Sourabh	CPS-821 - Getting issue details... STATUS CPS-828 - Getting issue details... STATUS CPS-829 - Getting issue details... STATUS CPS-830 - Getting issue details... STATUS CPS-832 - Getting issue details... STATUS

4	REQ-1281 - Getting issue details... STATUS Requirement E2E Slicing for next release!	CPS-NCMP	Support `ncmp-datastores: operational` for reading data (single CM handle, synchronous only)	See CPS-391 page for details about supported operations and combinations. **Note 1.** There can be some overlap between work items for (CPS R10 Release Planning #5, #6, #11 and #12) **Note 2.** This item doesn't include accessing cached data as data sync is not available yet. If no cache data forward `ncmp-datastores: passthrough-operational`?!	Sourabh Sourabh	CPS-870 - Getting issue details... STATUS CPS-996 - Getting issue details... STATUS CPS-999 - Getting issue details... STATUS CPS-1014 - Getting issue details... STATUS CPS-1000 - Getting issue details... STATUS CPS-1001 - Getting issue details... STATUS CPS-1002 - Getting issue details... STATUS CPS-1003 - Getting issue details... STATUS CPS-1119 - Getting issue details... STATUS CPS-1164 - Getting issue details... STATUS
5	REQ-1281 - Getting issue details... STATUS	CPS-NCMP	Support retrieval of YANG module sources for CM handle on the NCMP interface		Sourabh Sourabh	CPS-1064 - Getting issue details... STATUS
6	REQ-1281 - Getting issue details... STATUS	CPS-NCMP	DMI Audit		Toine Siebelink	CPS-1136 - Getting issue details... STATUS CPS-1236 - Getting issue details... STATUS CPS-1362 - Getting issue details... STATUS
7	REQ-1281 - Getting issue details... STATUS	CPS-NCMP	**[investigation /spec]** CM data notifications from NCMP to applications including subscriptions	Includes definition of notification and payload format	kieran mccarthy	CPS-1065 - Getting issue details... STATUS CPS-1259 - Getting issue details... STATUS
8	REQ-1281 - Getting issue details... STATUS	CPS-NCMP	Implementation of CM data notifications forwarded by NCMP from DMI to application		Priyank Maheshwari	CPS-1145 - Getting issue details... STATUS CPS-1166 - Getting issue details... STATUS
9	REQ-1281 - Getting issue details... STATUS	CPS-NCMP	Explicit (initial) **data-**sync for a CM handle (extend model-sync delivered in Istanbul) **Note**. Requires cache configuration specification and some minimal implementation	Triggered by client using REST endpoint on NCMP. Note: This item includes extended support for datastores to access the synced data.	Sourabh Sourabh	CPS-1133 - Getting issue details... STATUS CPS-1168 - Getting issue details... STATUS

10	REQ-1281 - Getting issue details... STATUS Requirement E2E Slicing for next release!	CPS-NCMP	Support update of cached data through a message driven solution E.g. TBDMT/SND-R will write to device and can send message on NCMP provide message topic to keep cache up to date	Need to investigate if DMaap or new Kafka /Strimzi message bus should be used		
11		CPS-NCMP	Registration Performance	NCMP shall register new cmhandles (to READY state) at a rate of 11 cmhandles /second (assumes no dmi-plugin delays, assumes 180 modules per cmhandle with 95% module overlap between cmhandles, assumes cache disabled). Treat this as a black box requirement. May mean underlying requirement to have multiple instances, memory requirement etc. Focus right now is 23.Q1 timeframe.	Sourabh Sourabh	CPS-1172 - Getting issue details... STATUS CPS-1126 - Getting issue details... STATUS CPS-1275 - Getting issue details... STATUS CPS-1267 - Getting issue details... STATUS
12		CPS	Data Read Performance			CPS-1171 - Getting issue details... STATUS CPS-1222 - Getting issue details... STATUS
13		CPS-NCMP	Deletion Performance	NCMP shall delete/remove cmhandles (to DELETING state) at a rate of 50 cmhandles /second with cache disabled (assumes no dmi-plugin delays, assumes 180 modules per cmhandle with 95% module overlap between cmhandles) **Note:** check with Gergely on priority as DELETING state will prevent user to act on cmhandle		CPS-1173 - Getting issue details... STATUS
14	REQ-1281 - Getting issue details... STATUS	CPS-NCMP	Invoke YANG modelled action	Always on operational datastore. Supported for nmcp:passthrough-operational and if executed against ncmp:operational then it is always forwarded to dmi plugin. Is there another story for forwarding to be included as a dependency? Always run as async request. Is this dependent on CPS-1127 - see spin-off user stories table below this on.		
15		CPS-NCMP	Enhanced query support	Currently the passthrough has an 'option' parameter to do a scoped query. Propose to support this in non-passthrough so it is promoted to a fully supported option, e.g. {ncmp-root}/ncmp/v1/ch/335ff/data/ds/ncmp-datastore:passthrough-operational? **resourceIdentifier**=/&**options**=(**fields**=ericsson-enm-comtop:ManagedElement/ericsson-enm-gnbcucp:GNBCUCPFunction/EndpointResource/LocalSctpEndpoint/attributes(sctpEndpointRef), **scope**=ericsson-enm-comtop:ManagedElement/ericsson-enm-gnbcucp:GNBCUCPFunction/EndpointResource/LocalSctpEndpoint/attributes(interfaceUsed==X2))		
16		CPS_Core / CPS-NCMP	Update YANG schema-set for CM handle without removing and adding it	Cached data is not in scope. Need to specify orphan handling of YANG modules. Needed for node upgrade scenario.		
17	CPS-1135 - Getting issue details... STATUS	CPS-NCMP	Retrieve single module resource	/v1/ch/{cm-handle}/modules/definitions/{moduleName}		
18		CPS-Core / CPS-NCMP	Existing CPS-path based queries across all CM handles for cached data	Look to define the interface specification for this only. (but best way is to implement for operational /cached data to determine any output formatting issues)		
19		CPS-Core / CPS-NCMP	Access control for public interfaces (NCMP, CPS-Core, DMI?)			
20		CPS-NCMP	Fine-grained cache configuration			
21		CPS-NCMP	Send notification for updated CM handle metadata (public CM handle properties or YANG modules)			

22		CPS-Core / CPS-NCMP	Support for HTTPS and authentication ▪ Use Service-Mesh? Both ONAP and Ericsson (applied ISTIO using Envoy Proxy side-car) are working towards this. Check with Gareth Roper			CPS-703 - Getting issue details... STATUS
23	TBC	CPS-NCMP	Support `ncmp-datastores:running` for **reading** data (single CM handle, synchronous only)	See CPS-391 page for details about supported operations and combinations. Note: There can be some overlap between work items for #5, #6, #11 and #12.		
24	TBC	CPS-Core / CPS-NCMP	Support `ncmp-datastores:running` for **writing** data (single CM handle, synchronous only)			
25	TBC	CPS-Core	Send **notifications** on write operation in `ncmp-datastores:running` for (single CM handle, synchronous only)			
26		CPS-Core / CPS-NCMP	Support for list as top level data node			CPS-491 - Getting issue details... STATUS CPS-765 - Getting issue details... STATUS CPS-766 - Getting issue details... STATUS CPS-767 - Getting issue details... STATUS
27		CPS-Core / CPS-NCMP	Support for multiple top-elements from different modules in one CM handle /anchor			CPS-1051 - Getting issue details... STATUS CPS-341 - Getting issue details... STATUS
28		CPS-Core / CPS-NCMP	schema-set update for CM handle with cached data present	Need to address case with incompatible model changes.		
29	(ONAP) E2E Slicing Use-Case		Support dynamic inventory changes (ONAP DMI Plugin)	React to events from AAI sent over DMaaP, in turn using Inventory API for updates. Strimzi-Kafka Bridge might be an alternative, check with Fiachra Corcoran on the latest for this when implementing this (DMAAP-1681 - Getting issue details... STATUS) Possible in a generic way or it can also listen to similar events sent by SDN-R (as suggested by Ahila P)		CPS-392 - Getting issue details... STATUS CPS-393 - Getting issue details... STATUS
30		CPS-NCMP	Automatic (optional) Data Sync	Metadata (per cmHandle) controls whether this will happen or not		
31		CPS-NCMP	Invoke YANG modelled RPC			

Spin-off user stories, yet to be prioritized

Jira	Component(s)	Related Work Item	Description	Notes

CPS-1103 - Getting issue details... STATUS	CPS-NCMP	4		
CPS-1127 - Getting issue details... STATUS	CPS-NCMP	4		
CPS-1132 - Getting issue details... STATUS	CPS-NCMP	1		
CPS-1174 - Getting issue details... STATUS	CPS-NCMP	8		
CPS-1183 - Getting issue details... STATUS	CPS-NCMP		Investigation on the use of Liquibase to install NCMP artifacts	

Functionalities

User Stories

Key	Summary	T	Created	Updated	Due	Assignee	Reporter	P	Status	Resolution

No issues found

key	summary	type	created	updated	due	assignee	reporter	priority	status	resolution

⚠ Jira project doesn't exist or you don't have permission to view it.

View these issues in Jira

Key	Summary	T	Created	Updated	Due	Assignee	Reporter	P	Status	Resolution
CPS-1132	Query CM Handles based on CM Handle DataStoreSyncState		Jul 06, 2022	Apr 13, 2023		Unassigned	None	=	CLOSED	Won't Do
CPS-1145	Refactor Async schema to have separate attribute for eventSchema and eventSchemaVersion		Jul 13, 2022	Nov 22, 2022		Priyank Maheshwari	Priyank Maheshwari	=	CLOSED	Done
CPS-1038	OOM Kohn Updates		May 16, 2022	Oct 05, 2022		Priyank Maheshwari	None	^	CLOSED	Done
CPS-1014	Update the Registry Yang module with DataStoreSyncState		May 03, 2022	Sep 21, 2022		Unassigned	None	=	CLOSED	Done
CPS-1055	AND Condition in CPS Path		May 24, 2022	Sep 21, 2022		Unassigned	None	=	CLOSED	Duplicate
CPS-1001	Add CPS-E-05 endpoint for 'Read data, NCMP-Operational Datastore'		Apr 21, 2022	Sep 21, 2022		Unassigned	Toine Siebelink	=	CLOSED	Done
CPS-1003	De-registration: send required event(s) using central state handler		Apr 21, 2022	Sep 21, 2022		Lee Anjella Macabuhay	Toine Siebelink	=	CLOSED	Done

CPS-870	Align CPS-Core output with SDN-C output (add module name)		Jan 28, 2022	Sep 21, 2022	Lee Anjella Macabuhay	Toine Siebelink	=	CLOSED	Done
CPS-1136	DMI Audit Support (get all CM Handles for a registered DMI)		Jul 08, 2022	Sep 21, 2022	Lee Anjella Macabuhay	Toine Siebelink	=	CLOSED	Done
CPS-996	Create new Dataspace for ncmp:operational datastore		Apr 20, 2022	Sep 21, 2022	Priyank Maheshwari	Toine Siebelink	=	CLOSED	Done
CPS-999	Add Anchor to to 'NCMP-CmHandle-Operational-Data' Dataspace (upon model-sync)		Apr 21, 2022	Sep 21, 2022	Sourabh Sourabh	Toine Siebelink	=	CLOSED	Done
CPS-1119	Define the Initial DataSyncEnabled-flag & SyncStateEnum after module Sync based on 'hidden' config param		Jun 28, 2022	Sep 21, 2022	Unassigned	Priyank Maheshwari	=	CLOSED	Done
CPS-1000	Create Data Synchronization watchdog		Apr 21, 2022	Sep 21, 2022	Sourabh Sourabh	Toine Siebelink	=	CLOSED	Done
CPS-1016	Merge 2 'query' end points in NCMP		May 04, 2022	Sep 21, 2022	Unassigned	Toine Siebelink	=	CLOSED	Done
CPS-1133	Enable/Disable Data Sync for Cm Handle		Jul 07, 2022	Sep 21, 2022	Unassigned	None	=	CLOSED	Done
CPS-1099	Expose simplified 'external' lock reason enum state over REST interface		Jun 22, 2022	Sep 21, 2022	Unassigned	Toine Siebelink	=	CLOSED	Done
CPS-1120	Actions we need to perform when cmHandleState changes from * to DELETING and then DELETING to DELETED		Jun 29, 2022	Sep 21, 2022	Unassigned	Priyank Maheshwari	=	CLOSED	Won't Do
CPS-1162	State Model Read the Docs		Jul 21, 2022	Sep 21, 2022	Unassigned	Priyank Maheshwari	=	CLOSED	Done
CPS-1046	dmi-registry latest registry model changes (state)		May 18, 2022	Sep 21, 2022	Priyank Maheshwari	Priyank Maheshwari	=	CLOSED	Done
CPS-1045	Allow Module Re-Sync		May 18, 2022	Sep 21, 2022	Unassigned	Toine Siebelink	=	CLOSED	Done

Showing 20 out of 63 issues

Longer term roadmap

- CPS-Core will have extended query capabilities based on XPath expression.
- CPS-Core will enforce and control ownership of data it holds
- NCMP will be to able to 'detect' and sync xNF in the network
    - Fine-cache cache control will determine what get cache for what xNF
- NCMP will support the query capabilities as CPS-Core and be extend with options similar to RESTConf's 'fields' and 'depth'

Release Deliverables

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

Deliverable Name	Deliverable Description
`onap/cps-and-ncmp`	Container running CPS and NCMP
`onap/cps-temporal`	Container running CPS Temporal

`onap/ncmp-dmi-plugin`	Container running OMAP DMI Plugin
docs.onap.org/projects/onap-cps	CPS-NCMP Documentation for R10 (incl. offered APIs and release note)
docs.onap.org/projects/onap-cps-ncmp-dmi-plugin	ONAP DMI-Plugin Documentation for R10 (incl. offered APIs and release note)
docs.onap.org/projects/onap-cps-cps-temporal	CPS-Temporal Documentation for R10 (incl. offered APIs and release note)

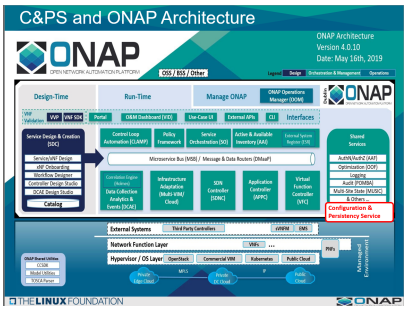
Sub-Components

- CPS-Core
  - cps-service
  - cps-rest
  - cps-ri (reference implementation)
- NCMP
  - cps-ncmp-service
  - cps-ncmp-rest
  - dmi-inventory
- Temporal DB
- DMI-Plugin
  - DMI Data Access
  - DMI Model Access

Architecture

High level architecture diagram

CPS is a new shared service in the ONAP Architecture:



Platform Maturity

See the centralized wiki page: Kohn Release Platform Maturity

API Incoming Dependencies

No Incoming API changes required

API Outgoing Dependencies

API this project is delivering to other projects.

API Name	API Description	API Definition Date	API Delivery date	API Definition link (i.e.swagger)
CPS-E-01 CPS-E-02 CPS-E-03	CPS Model LifeCycle CPS Data Write CPS Data Read			Swagger Sources (openapi.yaml)
CPS-E-04	Change notifications			
CPS-E-05	xNF Data Access			Swagger Sources (openapi.yaml)
CPS-E-06	Temporal Data Access (no other component currently depends on this or plan to use it in Istanbul)			Swagger Sources (openapi.yml)

- Third Party Products Dependencies

Third Party Products mean products that are mandatory to provide services for your components.

Name	Description	CPS-Core	CPS-NCMP	CPS-Temporal
		3PP Version		
Docker	VM Container	18 and above	18 and above	18 and above
ODL Yang Tools	Yang model and Data Parser	6.0.1	6.0.1	N/A
Postgres Docker image	VM container for Postgres	13.2-alpine	13.2-alpine	N/A
onap/integration-java11	Java Base image	8.0.0	8.0.0	8.0.0
Swagger	OpenAPI library	2.1.4	2.1.4	**springdoc-openapi-ui:1.5.9**
SpringFox	OpenAPI library	3.0.0	3.0.0	3.0.0
Hibernate types	Support for Postgres datatype JSONB	2.10.0	2.10.0	2.10.0
Spring Boot	Application Framework	2.6.9	2.6.9	2.6.9
Commons-lang3	3pp	3.11	3.11	**3.12.0**
Antlr4-runtime	Language parser	4.9.2	4.9.2	N/A
Liquibase	DB Schema (version) management	4.4.2-nordix	4.4.2-nordix	4.4.2-nordix
Hazelcast	Distributed Cache	4.2.5	N/A	N/A

- Testing and Integration Plans

- CPS has high level of built jUnit test (>97 on all components) which is enforced by our maven build scripts
- CPS has built in Persistence Layer test ie. test that integrate with real DB instance covering all use cases and are part of WoW
- CIST tests are part of CPS -Repo, see https://gerrit.onap.org/r/gitweb?p=cps.git;a=tree;f=csit;h=8505b66089f62b6431c1091edf820cbdbf4363d4;hb=HEAD
  And executed automatically through the cps-review-verification-maven-master CI Job
- E2E Integration with ONAP components was introduced in I-release and is now included in aforementioned CIST tests

- Gaps

No gaps Identified

- Known Defects and Issues

See dynamic Jira filter:

Key	Summary	T	Created	Updated	Due	Assignee	Reporter	P	Status	Resolution
CPS-2194	CPS NCMP: ncmp can not start up if ncmp.dmi.auth.enabled=false but DMI_USERNAME and DMI_PASSWORD not provided		Apr 25, 2024	Apr 26, 2024		Unassigned	csaba Eder	=	OPEN	Unresolved

1 issue

- Risks

Risk identified related to scope-creep, see Kohn Risk Table

- Resources

Configuration Persistence Service Developer's Landing Page

Name	Code Contributor	Committer	Organization	Time Zones		CPS Daily Scrums*		
				Winter	Summer (DST)	Focus Team 1	Focus Team 2	DT Sub Team
Toine Siebelink (PTL)	Yes	**Yes**	Ericsson	GMT/UTC	IST/UTC+1	X (SM)		
kieran mccarthy(stakeholder)	No	No	Ericsson	CET /UTC+1	CEST/UTC+2			
Tony Finnerty (architect)	No	No	Ericsson	GMT/UTC	IST/UTC+1			
Kolawole Adebisi-Adeolokun(PO)	No	No	Ericsson	GMT/UTC	IST/UTC+1			
Arpit Singh	Yes	No	Tech Mahindra	IST /UTC+5:30	IST/UTC+5:30			X
Daniel Hanrahan	Yes	**Yes**	Ericsson	GMT/UTC	IST/UTC+1		X	
David McWeeney	Yes	No	Ericsson	GMT/UTC	IST/UTC+1	X		
Gerard Nugent	Yes	No	Ericsson	GMT/UTC	IST/UTC+1		X	
Halil Cakal	Yes	No	Ericsson	GMT/UTC	IST/UTC+1	X		
Lee Anjella Macabuhay	Yes	**Yes**	Ericsson	GMT/UTC	IST/UTC+1		X (SM)	
Levente Csanyi	Yes	No	Ericsson	CET /UTC+1	CEST/UTC+2	X		
Priyank Maheshwari	Yes	**Yes**	Ericsson	GMT/UTC	IST/UTC+1		X	X (SM)
Rajesh kumar	Yes	No	Tech Mahindra	IST /UTC+5:30	IST/UTC+5:30			X
Rudrangi Anupriya	Yes	No	Tech Mahindra	IST /UTC+5:30	IST/UTC+5:30			X
Sean Beirne	Yes	No	Ericsson	GMT/UTC	IST/UTC+1		X	
Sourabh Sourabh	Yes	**Yes**	Ericsson	GMT/UTC	IST/UTC+1	X		

*The scrum attendance for each member is the current 'typical' attendance. Each team member can potentially attend any Scrum as needed

Release Milestone

The milestones are defined at the Release Planning 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.

Documentation, Training

See the following centralized wiki: Kohn Documentation

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.