# Release Planning (legacy)

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### El-Alto Release

### El-Alto Release Planning

The El-Alto release content is being planned. Currently the proposed contents include:

- Refactoring
- JIRA Backlog Reduction (defects, etc.)
- Vulnerability issues
- Test Coverage including jS
- Test Automation & CI/CD pipeline
- Deployment procedure
- Documentation

The release contents will be prioritized at the 2019 El-Alto DDF in Stockholm.

#### TSC priorities:

- 1. Security
- 2. Documentation
- 3. Don't break the build

#### El-Alto Release Calendar

		June	e			July	,			Αı	ug				Sep				O	ct			N	ov		
Week-starting:	10	17	24	01	08	15	22	29	05	12	19	26	02	09	16	23	30	07	14	21	28	04	11	18	25	02
	EU DDF	ı		CA US					CA	EU			CA US	CI		ONS	CI IS K	IS	CA		EU		BR CA FR		US	DDF ??
																	IX						US			
El Alto (excel in TSC-125)						Г	ev	1																		
								T	est	1	ED															
									De	v 2																
											T	est	2													
											Г	ev	3													
														T	est	3	EA									
Frankfurt (Approved)																М1				мз						M4
Architecture																										
Seccom																										
Usecase				Prioritize and		nd																				
Control-Loop						Gather Refine Finalize the																				
Modeling				'	\eq	an Ci	Helli	3	Requirements scope																	
Docs																										

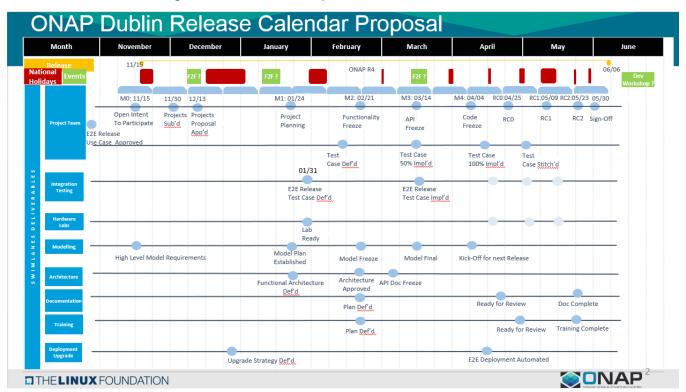
# El-Alto Release Calendar (tabular)

Milestone	Date	Deliverable	Notes
Dev1 Start	15 Jul 2019	Vetted Jira list for the EarlyDrop (ED)	List of planned jiras for the development sprint (M1)
M1 checkpoint	18 Jul 2019	TSC reviews and sign-off on intended El Alto Content	Content defined by fixVersion = "El Alto Release"
Test Plan Review	25 Jul 2019	Early drop and Final release test plan review and sign off by TSC	Early Drop content defined by: label contains "El_Alto_Early_Drop"
Test1 Start	29 Jul 2019	Test to deliver ED	Phased integration and test plan. (M4_early_drop)  Run daily sanity on El Alto released images, and start vFW, vLB and vCPE use case testing  All containers for ED are due to be delivered to testing/integration
Dev1 End	02 Aug 2019	Priority 0 vulnerabilities addressed	List of completed jiras due  API documentation complete  Arch changes reviewed and documented
Dev2 Start	05 Aug 2019	Fixes only to support ED	Integration team drives bug list priority. All other development deferred check in until Dev3  Integration will work with dev teams to close highest/high priority jiras discovered during  integration test. All integration tests should be finished three days before ED release so we  will have time to update release note, put tag on branches, etc.
Dev2 End	16 Aug 2019	ED released	Complete release - includes rel_notes, named release, branch. (M2/M3 milestone)
Test1 End	16 Aug 2019	ED released	Complete release - includes rel_notes, named release, branch. (Sign_off_early_drop)
EarlyDrop	21 Aug 2019		
Dev3 Start	19 Aug 2019		

Test2 Start	19 Aug 2019	
Dev3 End	06 Sep 2019	All code complete (M4)
Test2 End	06 Sep 2019	
Test3 Start	09 Sep 2019	Pair-wise testing (1 wk only) and Integration (RC0 - 9/19)  All containers due to be delivered to testing/integration
Test3 End	03 Oct 2019	All docs complete: reviewed and cherry-picked into stable
El Alto Release	10 Oct 2019	

### **Dublin Release**

Dublin Release Planning - NOT UPDATED, please refer to the Dublin Release Calendar



#### Dublin Release Calendar

Review	Milestone	Date	Events
Last day for Service Providers to submit their priorities for Dublin		Nov 1, 2018	
Last day for overall providing use case/functional requirements as a candidates for Dublin		Nov 15, 2018	

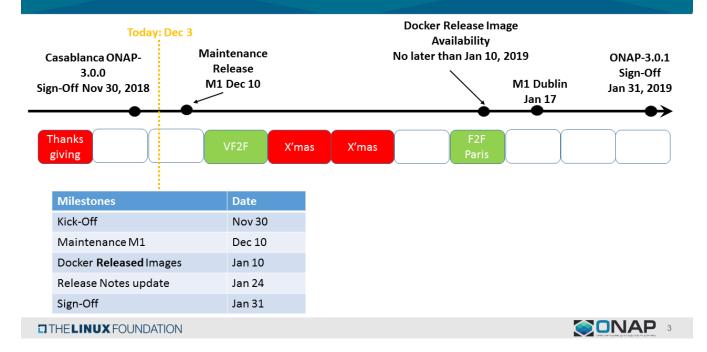
Kick-Off (Open Intent To Participate)	МО	Nov 15, 2018	Popening of Release Planning  For existing Projects:  Cevery existing Beijing projects that plan to be part of Casablanca Release must email TSC to notify their intention through the ONAP TSC mailing list  For New Projects:  New Candidate project must fill out "Project Proposal Template"  Post the proposal in the wiki at New Project Proposals  Inform ONAP TSC of their intention throught the ON AP TSC mailing list
Last day for getting all of the ONAP Platform requirements (high level impacts for architecture, security, projects, S3P etc.) and getting a single consolidated list so all of the projects have full picture of what is required from them.		Nov 29, 2018	By this date, all ONAP use cases/ ONAP platform functional requirements (high level impacts) need to be discussed with a different projects, and demanded scope of development should be clear to the projects:  For use cases/functional requirements (high level impacts):  • Template must be filled out https://wiki.onap.org/display/DW /Use+Case+Tracking+Template  (link to current use cases/functional requirements proposals description:  Release 4 (Dublin) Use Cases and functional requirements)
Project Submission Closure		Nov 30, 2018	Last Date to announce Intention to Participate
Project Proposal Approved		Dec 13, 2018	Use Case Analysis and Potential impacts to VNF Requirements identified.  The TSC has a goal to review and provide its disposition on all submitted projects proposal.  This is the last date for TSC to formally approved New Project Proposal
Project Planning Closure		Jan 10, 2019	Project Planning submission, by this date all projects have submitted in wiki their Release Planning materials.  That will give everyone to time to understand project scope and dependencies.
Planning	M1	Jan 24, 2019 (ALL except Integrat ion) Jan 31, 2019 (Integrat tion)	Planning process complete, all Project Deliverables are defined (including functional architecture, scope, dependencies,)  Integration Team has defined the vendor Equipments list and the End 2 End Release Test Cases are fully defined.  The Document and Training teams have defined their plans. The packaging and installation strategy is defined.  initial impacts to VNF Requirements (EPICs) identified by use cases and ONAP platform component projects.  To pass the M1 milestones, all approved projects have to:  1. Fill out the Release Planning Template 2. Fill out the Deliverables for Planning Milestone Checklist Template 3. Post these 2 project deliverables in wiki.
Functionality freeze	M2	Feb- 21, 2019 Feb- 28, 2019	Functionality freeze, no new visible functionality is to be added to the current ONAP release.  Each Project team has defined and documented their Functional Test Cases.  The vendor equipments have been delivered.  A stable document describing the API is documented and available in wiki.  Base set of impacts to VNF Requirements identified by use case/ project.

API Freeze	M3	March 14, 2019	API/data model freeze. Mark the end of API and Data Model change. API and Data Model are now Frozen.  Any changes to the API must be brought to the knowledge of the TSC for review and approval.
			50% of Functional Test Case are automated.
Code Freeze	M4	April 4,	Code Freeze. Mark the end of the Features coding.
		2019 April	Jira issues are either fixed in the current release or assigned to next release.
		11, 2019	100% of Functional Test Case are automated.
			End 2 End Release Test Cases are implemented (Integration Team).
			All new VNF Requirements planned for the release reviewed and implemented in VNF Requirements project.
Integration	RC0	April- 25, 2019	Release Candidate 0  RCs are to ensure proper alignment and execution on End 2
		May	End Release Test Cases and End 2 End functional Test Cases.
		2nd, 2019	Project Team focused its effort on:
			supporting integration testing (complete Health Check and Pair Wise Testing)     closing high priority defects
			supporting Documentation team
	RC1	May 09,	Release Candidate 1
		<del>2019</del>	
		May 16th, 2019	
Marketing: Outline for written content agreed with LF marketing		May 16, 2019	
Marketing: Near-final draft for written content		May 23, 2019	
	RC2	May- 23, 2019	Release Candidate 2
		May	
		30th, 2019	
Marketing: Content freeze		May 30, 2019	
Marketing: New video content		May 30, 2019	
Sign-Off	Release Delivery	May- 30,- 2019	Dublin Release Sign-Off
		June 6th, 2019	
Marketing: Public announcement		June 13th, 2019	

# Casablanca Maintenance Release

The main timeline is proposed below. The full deck as discussed at PTL meeting on Dec 3 is here. Scope of the MR will be finalized at "M1" on Dec 10, 2018.

# Casablanca Maintenance Release Timeline

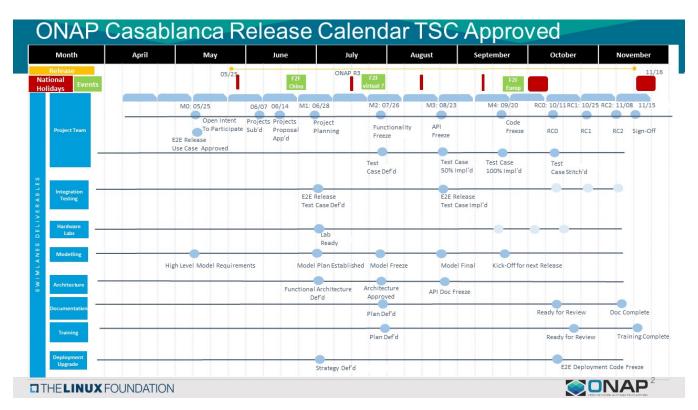


### Casablanca Release

This release calendar below has been presented during ONAP Break out session at ONS Los Angeles Developers on March 26, 2018.

### Casablanca Release Planning

Link to PDF



### Casablanca Release Calendar

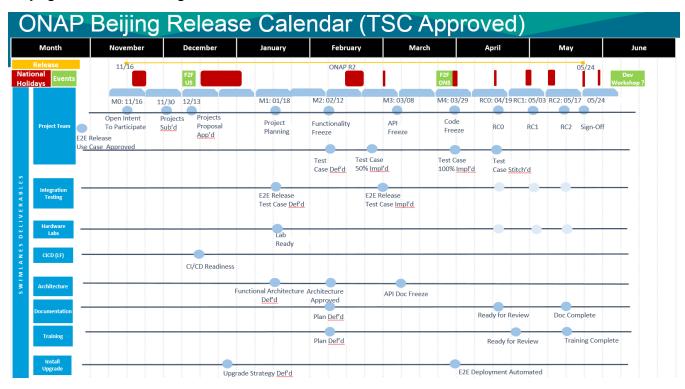
Review	Milestone	Date	Events
Kick-Off (Open Intent To Participate)	МО	May 25, 2018	Opening of Release Planning  For existing Projects:  Every existing Beijing projects that plan to be part of Casablanca Release must email TSC to notify their intention through the ONAP TSC mailing list  For New Projects:  New Candidate project must fill out "Project Proposal Template"  Post the proposal in the wiki at New Project Proposals  Inform ONAP TSC of their intention throught the ONAP TSC mailing list
Project Submission Closure		June 07, 2018	Last Date to announce Intention to Participate
Project Proposal Approved		June 14, 2018	The TSC has a goal to review and provide its disposition on all submitted projects proposal. This is the last date for TSC to formally approved New Project Proposal
Project Planning Closure		June 21, 2018	Project Planning submission, by this date all projects have submitted in wiki their Release Planning materials.  That will give everyone to time to understand project scope and dependencies.
Planning	M1	June 28.	
Pianning	WII	2018	Planning process complete, all Project Deliverables are defined (including functional architecture, scope, dependencies,) Integration Team has defined the vendor Equipments list and the End 2 End Release Test Cases are fully defined.  The Document and Training teams have defined their plans. The packaging and installation strategy is defined.  To pass the M1 milestones, all approved projects have to:  1. Fill out the Release Planning Template 2. Fill out the Deliverables for Planning Milestone Checklist Template 3. Post these 2 project deliverables in wiki.
Functionality freeze	M2	July 26, 2018	Functionality freeze, no new visible functionality is to be added to the current ONAP release.  Each Project team has defined and documented their Functional Test Cases.  The vendor equipments have been delivered.  A stable document describing the API is documented and available in wiki.
API Freeze	M3	August 23, 2018	API/data model freeze. Mark the end of API and Data Model change. API and Data Model are now Frozen.  Any changes to the API must be brought to the knowledge of the TSC for review and approval.  50% of Functional Test Case are automated.
Code Freeze	M4	Sept 20, 2018	Code Freeze. Mark the end of the Features coding.  Jira issues are either fixed in the current release or assigned to next release.  100% of Functional Test Case are automated.  End 2 End Release Test Cases are implemented (Integration Team).
Integration	RC0	Oct 11, 2018	Release Candidate 0  RCs are to ensure proper alignment and execution on End 2 End Release Test Cases and End 2 End functional Test Cases.  Project Team focused its effort on:  1. supporting integration testing (complete Health Check and Pair Wise Testing) 2. closing high priority defects 3. supporting Documentation team
	RC1	Oct 25, 2018	Release Candidate 1
Marketing: Outline for written content agreed with LF marketing		Nov 1, 2018	

Marketing: Near-final draft for written content		Nov 8, 2018	
	RC2	Nov 08, 2018 Nov 27, 2018	Release Candidate 2  TSC decision on Nov 8 to postpone RC2 to Nov 27.
Marketing: Content freeze		Nov 15, 2018	
Marketing: New video content		Nov 15, 2018	
Sign-Off	Release Delivery	Nov 15, 2018 Nov 30, 2018	Casablanca Release Sign-Off TSC decision on Nov 8 to postpone Sign-Off to Nov 30.
Marketing: Public announcement		Nov 29, 2018	

# Beijing Release

This release calendar below has been approved by TSC at Santa Clara Developers F2F on Dec 13, 2017.

### Beijing Release Planning



Link to ONAP Beijing Release Planning (PDF) as presented at Paris F2F, Sept 2017

Update ONAP Beijing Release Planning (PDF) as presented at Santa Clara F2F, Dec 2017

# Beijng Release Calendar

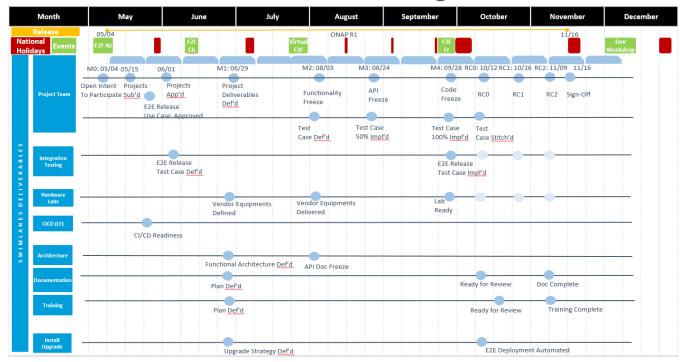
Review	Milestone	Date	Events

Kick-Off (Open Intent To Participate)	МО	November 16, 2017	Opening of Release Planning     For existing Projects:
Project Submission Closure		November 3 0, 2017	Last Date to announce Intention to Participate
Project Proposal Approved		December 13, 2017	The TSC has a goal to review and provide its disposition on all submitted projects proposal.  This is the last date for TSC to formally approved New Project Proposal
Project Planning Closure		Jan 8, 2017	Project Planning submission, by this date all projects have submitted in wiki their Release Planning materials.  That will give everyone to time to understand project scope and dependencies.
Planning	M1	Jan 18, 2018	Planning process complete, all Project Deliverables are defined (including functional architecture, scope, dependencies,)
			Integration Team has defined the vendor Equipments list and the End 2 End Release Test Cases are fully defined.
			The Document and Training teams have defined their plans. The packaging and installation strategy is defined.
			To pass the M1 milestones, all approved projects have to:
			<ol> <li>Fill out the Release Planning Template</li> <li>Fill out the Deliverables for Planning Milestone Checklist Template</li> <li>Post these 2 project deliverables in wiki.</li> </ol>
Functionality freeze	M2	Feb 12,	Functionality freeze, no new visible functionality is to be added to the current ONAP release.
		2018	Each Project team has defined and documented their Functional Test Cases.
			The vendor equipments have been delivered.
			A stable document describing the API is documented and available in wiki.
API Freeze	M3	March 8, 2018	API/data model freeze. Mark the end of API and Data Model change. API and Data Model are now Frozen.
			Any changes to the API must be brought to the knowledge of the TSC for review and approval.
Code Freeze	M4	March 29.	50% of Functional Test Case are automated.
Code Fleeze	IVI4	2018	Code Freeze. Mark the end of the Features coding.  Jira issues are either fixed in the current release or assigned to next release.
			100% of Functional Test Case are automated.
			End 2 End Release Test Cases are implemented (Integration Team).
Integration	RC0	Avril 19,	Release Candidate 0
Ü		2018	RCs are to ensure proper alignment and execution on End 2 End Release Test Cases and End 2 End functional Test Cases.
			Project Team focused its effort on:
			<ol> <li>supporting integration testing</li> <li>closing high priority defects</li> <li>supporting Documentation team</li> </ol>
	RC1	May 3, 2018	Release Candidate 1
	RC2	May 17,	Release Candidate 2
		<del>2018</del> May 31, 2018	TSC decision to postpone RC2 review by 2 weeks (Topic 3, section am)
Sign-Off	Release	May 24,	Beijing Release Sign-Off
•	Delivery	<del>2018</del>	

# Amsterdam Release

### Amsterdam Release Planning

# ONAP Amsterdam Release Planning



Link to ONAP Amsterdam Release planning (PDF).

#### Amsterdam Release Calendar

Review	Milestone	Date	Events
Kick-Off (Open Intent To Participate)	МО	May 4, 2017	Planning process opens for all projects to submit their intent.
Project Submitted		May 15, 2017	All projects candidate for the first ONAP Release have to:  1. use the Project Proposal Template 2. post the proposal in the wiki at New Project Proposals 3. inform ONAP TSC of their intention throught the ONAP TSC mailing list.
Project Approved		June 1, 2017	The TSC has a goal to review and provide its disposition on all submitted projects proposal.
Planning	M1	June 29, 2017	Planning process complete, all Project Deliverables are defined (including functional architecture, scope, dependencies,) Integration Team has defined the vendor Equipments list and the End 2 End Release Test Cases are fully defined.  The Document and Training teams have defined their plans. The packaging and installation strategy is defined.  To pass the M1 milestones, all approved projects have to:  1. Fill out the Release Planning Template 2. Fill out the Deliverables for Planning Milestone Checklist Template 3. Post these 2 project deliverables in wiki.
Functionality freeze	M2	August 03, 2017	Functionality freeze, no new visible functionality is to be added to the current ONAP release.  Each Project team has defined and documented their Functional Test Cases.  The vendor equipments have been delivered.  A stable document describing the API is documented and available in wiki.

API Freeze	МЗ	August 24, 2017	API/data model freeze. Mark the end of API and Data Model change. API and Data Model are now Frozen.  Any changes to the API must be brought to the knowledge of the TSC for review and approval.  50% of Functional Test Case are automated.
Code Freeze	M4	Sept 28, 2017	Code Freeze. Mark the end of the Features coding.  Jira issues are either fixed in the current release or assigned to next release.  100% of Functional Test Case are automated.  End 2 End Release Test Cases are implemented (Integration Team).
Integration	RC0	Oct 12, 2017	Release Candidate 0  RCs are to ensure proper alignment and execution on End 2 End Release Test Cases and End 2 End functional Test Cases.  Project Team focused its effort on:  1. supporting integration testing 2. closing high priority defects 3. supporting Documentation team
	RC1	Oct 26, 2017	Release Candidate 1
	RC2	Nov 9, 2017	Release Candidate 2
Sign-Off	Release Delivery	Nov 16, 2017	Amsterdam Release Sign-Off

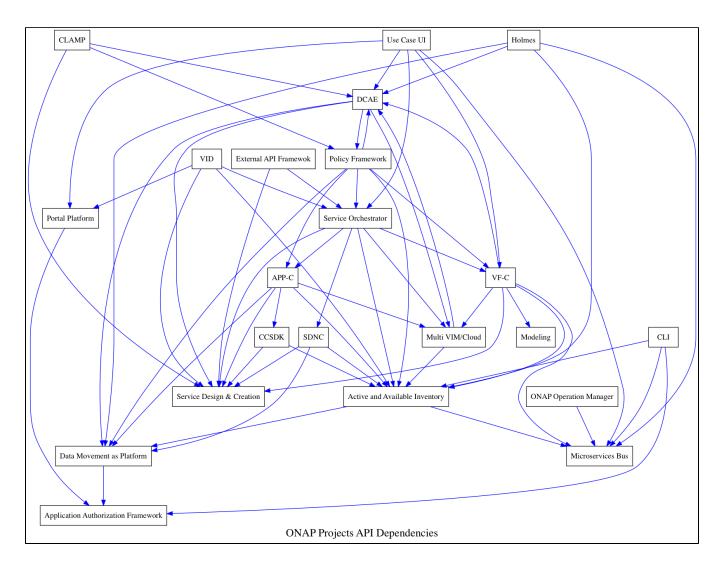
# Amsterdam Release Dependencies

### **API Dependencies**

The source of information to generate this information are the data point gathered into the project Release Planning template.

The graph below represents API dependencies for M1 Release Planning projects.

More info on how to generate the graph are available.



### Casablanca Release Dependencies

#### Kubernetes Deployment Dependencies

The following are directly from the init containers in all the charts from the 20181208 baseline - raw data that needs to be put into a 2 dimensional graph

```
Note: these dependencies are at the lowest deployment level and represent a partial view of the REST/API
dependency tree - they do not reflect any compile time or runtime/injection code dependencies (pom.xml)
Use fo any containers stuck at the 0/1 Init:0/1 stage - these are likely waiting on dependent containers
\verb|check| the --container-name| kv pair in StatefulSet/Deployment.yaml:spec:intiContainers:args| | the container-name | the container-
or the corresponding defined chart/container names in values.yaml:config:
106 sets in 87 files
overall order
aaf<-aai
aaf<-oof
music<-oof
dmaap<-aai
dmaap<-pomba
dmaap<-sdnc
consul<-sdnc
consul<-dcaegen2
msb<-dcaegen2
```

```
aaf
 aaf-cm
   aaf-locate
 aaf-fs
   aaf-locate
 aaf-gui
   aaf-cm
 aaf-hello
   aaf-locate
 aaf-locate
   aaf-service
 aaf-oauth
   aaf-locate
 aaf-service
   aaf-cs
 aaf-sms
   aaf-sms-quorumclient (via job)
   aaf-sms-vault
   aaf-sms-vault-backend
aai
 aai
   aai-resources
   aai-traversal
   aai-graphadmin
 aai-champ
   aai-cassandra
 aai-graphadmin
   aai-cassandra
 aai-resources
   aai-cassandra
 aai-sparky-be
   aai-elasticsearch
   aai-search-data
   aai
 aai-spike
   message-router-kafka
 aai-traversal
    aai
    aai-cassandra
    aaf-locate (conditional)
appc
 appc
   mariadb-galera
 appc-ansible-server
   appc
clamp
 clamp
   mariadb
 clamp-dash-kibana
   clamp-dash-es
 clamp-dash-logstash
   clamp-dash-es
common
 controller-blueprints
   mariadb-galera
 mongo
   *-nfs-provisioner
 mysql
   *-nfs-provisioner
 dgbuilder
 network-name-gen
   mariadb-galera
dcaegen2
 dcae-bootstrap
   dcae-cloudify-manager
   consul-server
```

```
msb-discovery
   kube2msb
dep-health-init
  hbase
dmaap
   dmaap-bus-controller
    postgres
  dmaap-dr-node
    dmaap-dr-prov
   {\tt dmaap-dr-prov}
    mariadb
  message-router
    kafka
    zookeeper
  message-router-kafka
    zookeeper
log
  log-kibana
   log-elasticsearch
  log-logstash
   log-elasticsearch
msb
 kube2msb
   msb-discovery
 msb-discovery
   msb-consul
 msb-eag
  msb-discovery
 msb-iag
   msb-discovery
music
 music-cassandra
 music-tomcat
   zookeeper
oof
  oof-has-api
   oof-has-controller
   aaf-service
  oof-has-controller
   music-tomcat
   aaf-sms
  oof-has-data
   music-tomcat
  oof-has-reservation
   music-tomcat
  oof-has-service
   music-tomcat
policy
 policy
   mariadb
  brmsgw
   pap
  drools
   mariadb
   nexus
  pdb
   pap
pomba
  pomba-contextaggregator
   message-router
  pomba-kibana
   pomba-elasticsearch
  pomba-data-router
```

```
pomba-search-data
  pomba-search-data
   pomba-elasticsearch
portal
 portal-widget
   portal-db
  portal-sdk
   portal-db
sdc
  sdc-dcae-be
   common.name
   sdc-be
  sdc-dcae-dt
   sdc-dcae-be
  sdc-dcae-fe
   sdc-dcae-be
  sdc-dcae-tosca-lab
   sdc-dcae-be
  sdc-fe
   sdc-kb
  sdc-wfd-fe
   sdc-wfd-be
sdnc
  sdnc
   mysql
  sdnc-ansible-server
   sdnc
  dmaap-listener
   mysql
   sdnc
   message-router
  sdnc-portal
   mysql / sdnc-db
   sdnc
  sdnc-prom
   sdnc
   consul
  ueb-listener
   mysql
   sdnc
   sdc-be
   message-router
so
   mariadb
  so-bpmn-infra
   mariadb
  so-catalog-db-adapter
   mariadb
  so-openstack-adapter
   mariadb
  so-request-db-adapter
   mariadb
  so-sdc-adapter
   mariadb
  so-sdc-controller
   mariadb
  so-vfc-adapter
   mariadb
vfc
 vfc-catalog
   vfc-db
  vfc-ems-driver
   mariadb // commented
  vfc-generic-vnfm-driver
   mariadb // commented
```

```
vfc-hauwei-vnfm-driver
   mariadb // commented
 vfc-juju-vnfm-driver
   mariadb // commented
 vfc-multivim-proxy
   mariadb // commented
  vfc-nokia-vnfm-driver
   mariadb // commented
  vfc-nokia-v2vnfm-driver
   mariadb // commented
   vfc-db
 vfc-vnfmgr
   vfc-db
 vfc-resmgr
   mariadb // commented
 vfc-workflow
   mariadb // commented
 vfc-workflow-engine
   mariadb // commented
 vfc-vnflcm
   vfc-db
 vfc-vnfres
 {\tt vfc-zte-sdnc-driver}
   mariadb // commented
 vfc-zte-vnfm-driver
   mariadb // commented
vid
 vid
   mariadb-galera
 postgres
```

# ONAP Release Lifecycle

• Release Lifecycle. It provides a description of each of the above milestones and the activities to be implemented.