

CAPWAP: Beryllium: Release Plan

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Release Deliverables

Name	Description
CAPWAP AC State Machine	Complete CAPWAP AC state machine implementation
Bug Fix	Bug fixing and performance improvement

Release Milestones

Milestone	Offset 2 Date	Deliverables		
M1	8/6/2015	Name	Status	Description
		Intent to participate	Done	Intent to participate in Beryllium Simultaneous Release
		Project Lead elected	Done	CAPWAP Project Lead election
		Test Contact specified	Done	CAPWAP Test Contact announce
		Candidate Release Plan	Done	Candidate Release Plan
M2	9/3/2015	Name	Status	Description
		Release Plan	Done	Final Release Plan
		Project Checklist	Done	Project Checklist completed
		OpenDaylight CI	Done	OpenDaylight CI infrastructure usage for system test
		Project acknowledged	Done	Project acknowledged from all projects that it depends on.
M3	10/15/2015	Name	Status	Description
		Functionality Freeze		Final list of externally consumable APIs defined and documented
		Karaf Features defined		Karaf Features defined
		Documentation Started		Identified the kinds of documentation to be provided, created AsciiDoc files for them with outlines, and committed those files in an appropriate location
		Integration & System Test		Simple system test on a karaf distribution with the project's recommended features installed

M4	11/12/2015	<div>Name</div> <div>Status</div>		
		API Freeze		
		Draft documentation		Goal of draft documentation done
		Maven central requirements		Meet the requirements to be included in maven central
		Feature Test Continues		SW configuration and resources required for system test installed
M5	12/17/2015	<div>Name</div> <div>Status</div>		<div>Description</div>
		Code Freeze		
		Stability branch		Stability branch, i.e., stable/beryllium, must be cut and local project versions bumped on master to avoid overwriting beryllium SNAPSHOTS
		String Freeze		All externally visible strings frozen to allow for translation & documentation
		Documentation Complete		Only editing and and enhancing should take place after this point.
		Feature Test Complete		Feature Test Complete
RC0	1/7/2016	<div>Name</div> <div>Status</div>		
		Release Candidate 0		
RC1	1/14/2016	<div>Name</div> <div>Status</div>		
		Release Candidate 1		
RC2	1/21/2016	<div>Name</div> <div>Status</div>		
		Release Candidate 2		
RC3	1/28/2016	<div>Name</div> <div>Status</div>		<div>Description</div>
		Bugfix & more		Bugfixing, performance improvement and other necessary / desired changes
		Release Review		Release Review
		Release Candidate 3		
Formal Release	2/4/2016	<div>Name</div> <div>Status</div>		<div>Description</div>
		Formal Beryllium Release		
		Beryllium OF Library		Delivery of new features inside OF Protocol Java Library
		Release patch		Release patch to the stable/beryllium branch and bump versions
SR1 Release	3/17/2016	<div>Name</div>	<div>Status</div>	<div>Description</div>
		Release patch		Release patch to the stable/beryllium branch and bump versions
SR2 Release	4/28/2016	<div>Name</div>	<div>Status</div>	<div>Description</div>
		Release patch		Release patch to the stable/beryllium branch and bump versions
SR3 Release	7/28/2016	<div>Name</div>	<div>Status</div>	<div>Description</div>
		Release patch		Release patch to the stable/beryllium branch and bump versions

SR4 Release	10/20/2016			
		Name	Status	Description
		Release patch		Release patch to the stable/beryllium branch and bump versions

Externally Consumable APIs

Short Name	Description	Type (at M2)	Type (at M3)	Type (release)	Contract	Supporting Code
capwap	Model and RPC	Stable			capwap/api/src/main/yang	org.opendaylight.capwap

Expected Dependencies on Other Projects

Providing Project	Deliverable Name	Needed By	Acknowledged?	Description
org.opendaylight.odlparent.odlparent	odlparent	M1	No (as link to Other Project Release Plan)	Legacy dependency
org.opendaylight.yangtools.yang-binding,	yangtools	M1	No (as link to Other Project Release Plan)	Legacy dependency
org.opendaylight.usc.channel	usc	M1	No (as link to Other Project Release Plan)	Legacy dependency

Expected Incompatibilities with Other Projects

Compatibility with Previous Releases

Removed APIs and/or Functionality

Deprecated APIs and/or Functionality

Changed APIs and/or Functionality

- In Lithium release ODL CAPWAP AC was able to handle only discovery packets. In Beryllium release complete state machine will be implemented.
- Beryllium related changes will not cause any disruption to the previous functionality offered.

Themes and Priorities

Requests from Other Projects

For each API / feature request, the requesting project MUST:

- open Enhancement bug in Bugzilla describing request with Issue Type: Improvement, Change Request or New Feature
- create an entry as described in [Release Plan - Request template](#), which will also contain number / link to the bug. After creating the entry, the requesting project MUST:

send an e-mail to release@lists.opendaylight.org (mandated by Simultaneous Release) and both projects' dev lists using this template (mandated by Simultaneous Release)

Requesting Project	API Name	Needed By	Acknowledged?	Description
XYZ Project	call_me	M4	No	This is an example to request API supported

Test Tools Requirements

- Please specify if the project will run System Test (ST) inside OpenDaylight cloud
- In case affirmative please enumerate any test tool (mininet, etc...) you think will be required for testing your project
 - The goal is to start test tools installation in rackspace as soon as possible
- In case negative be aware you will be required to provide System Test (ST) reports upon any release creation (weekly Release, Release Candidate, Formal Release, etc...)

Other

- In search of developers who will be interested to help out with CAPWAP AC Coding for Beryllium release. Skill set required is Java, Basic knowledge of CAPWAP and lots of motivation.