

# OVSDB:Nitrogen Release Plan

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## Introduction

[https://wiki.opendaylight.org/view/OVSDB\\_Integration:Main](https://wiki.opendaylight.org/view/OVSDB_Integration:Main)

## Release Deliverables

Name	Description
Code quality, stability and usability	Bug fixing, increase Sonar coverage, increase Tempest coverage
Karaf 4	Migrate a project to karaf 4
Guava migration	Modify code to use the updated guava library
Scalability and performance	Scalability and performance measurements and enhancement
CSIT	Improvements to CSIT to cover all the features supported by OVSDB and Hardware vTep
Documentation	Add more documentation to the local documentation structure created in OVSDB project

## Release Milestones

Milestone	Offset 2 Date	Deliverables		
M0/M1	6/14/2017	Name	Status	Description
		Intent to participate	Done	Intent to participate in Nitrogen Simultaneous Release
		Project Lead elected	Done	Project Lead election
		Test Contact specified	Done	Test Contact announced
		Candidate Release Plan		Candidate Release Plan

M2/M3/M4	7/7/2017	<b>Name</b>		<b>Status</b>	<b>Description</b>
		Final Release Plan			Final Release Plan
		Project Checklist			Project Checklist completed
		OpenDaylight CI			OpenDaylight CI infrastructure usage for system test
		Project acknowledgement			Controller, Yangtools, ODL Parents, MDSAL
		Functionality Freeze			
		Karaf Features Defined			
		Documentation Started			
		Feature Test Started			
		API Freeze			
		Documentation word count			
		Maven Central Requirements			
		Feature Test Continues			
		M5	8/7/2017	<b>Name</b>	<b>Status</b>
Code Freeze					
Stability Branch				Stability branch must be cut and local project versions bumped on the master to avoid overwriting SNAPSHOTS	
String Freeze				All externally visible strings frozen to allow for translation & documentation	
Documentation Complete				Only editing and enhancing should take place after this point.	
Integration & System Test					
RC0	8/14/2017			<b>Name</b>	<b>Status</b>
		Release Candidate 0			
RC1	8/21/2017	<b>Name</b>	<b>Status</b>		
		Release Candidate 1			
RC2	8/28/2017	<b>Name</b>	<b>Status</b>		
		Release Candidate 2			
RC3	9/3/2017	<b>Name</b>	<b>Status</b>	<b>Description</b>	
		Bugfix & more			Bugfixing, samples
		Release Review			Release Review
		Release Candidate 3			
		Blocking Bugs			
Formal Release	9/7/2017	<b>Name</b>	<b>Status</b>	<b>Description</b>	
		Formal Release			
		Release patch		Release patch to the stable branch and bump versions	

SR1 Release		<b>Name</b>	<b>Status</b>	<b>Description</b>
		Release patch		Release patch to the stable branch and bump versions
SR2 Release		<b>Name</b>	<b>Status</b>	<b>Description</b>
		Release patch		Release patch to the stable branch and bump versions
SR3 Release		<b>Name</b>	<b>Status</b>	<b>Description</b>
		Release patch		Release patch to the stable branch and bump versions
SR4 Release		<b>Name</b>	<b>Status</b>	<b>Description</b>
		Release patch		Release patch to the stable branch and bump versions

## Externally Consumable APIs

Artefact	Status	Description
OVSDb Southbound	Stable	MD-SAL OVSDb crud operations
Hardware VTEP Southbound	Stable	MD-SAL Hardware VTEP crud operations

## Expected Dependencies on Other Projects

Providing Project	Deliverable Name	Needed By	Acknowledged?	Description
controller	features	M3	No	basic controller features
mdsal	features	M3	No	mdsal features
odlparent	features	M3	No	odlparent values
yangtools	features	M3	No	yangtools for compiling yang

## Expected Incompatibilities with Other Projects

## Compatibility with Previous Releases

Both the plugins (OVSDb and Hardware VTEP) will be compatible with the previous release.

## Removed APIs and/or Functionality

## Deprecated APIs and/or Functionality

## Changed APIs and/or Functionality

## Themes and Priorities

- Karaf4 migration
- Guava library update
- Usability improvement
- Increasing code, unit and integration test coverage to improve code quality, stability and usability
- Scalability and performance improvements
- Documentation
- Exploring future improvement by doing proof of concept in this release.

## Requests from Other Projects

## Active Requests

# Test Tools Requirements

## System Test

This project plans on using System Test (ST) inside the OpenDaylight cloud:

- the southbound piece: [test suites](#)
- scalability tests: TBD
- hwtvtepsouthbound: TBD

Here is a wiki page presenting the CSIT jobs implemented in the integration/test project regarding some of those modules: [OVSDB: CSIT](#)

## Unit Test

## Integration Test

## Cluster Test

- [CSIT Tests](#)
- [OVSDB Clustering Development Environment Setup](#)

## End to end Test

## Other