

OVSDB: Boron Release Plan

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Introduction

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
Hardware VTEP	hv_vtep southbound, NetVirt
Clustering/HA/Persistence	Clustering/HA/Persistence
DPDK	Enhancements to support DPDK
Netvirt project split	Spin Netvirt into a separate project
Scalability and performance	Scalability and performance measurements and enhancement
VLAN Aware Vm's	VLAN Aware VMs
Transparent VLANs	Transparent VLANs
CSIT and Tempest	Improvements to CSIT and Tempest testing
MDSAL	MDSAL optimizations
Neutron Northbound Coordination	Rework networking-odl configuration

Release Milestones

Milestone	Offset 2 Date	Deliverables
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M1	3/24/2016	<table><tr><th>Name</th><th>Status</th><th>Description</th></tr><tr><td>Intent to participate</td><td>Done</td><td>Intent to participate in Boron Simultaneous Release</td></tr><tr><td>Project Lead elected</td><td>Done</td><td>Project Lead election</td></tr><tr><td>Test Contact specified</td><td>Done</td><td>Test Contact announced</td></tr><tr><td>Candidate Release Plan</td><td>Done</td><td>Candidate Release Plan</td></tr></table>	Name	Status	Description	Intent to participate	Done	Intent to participate in Boron Simultaneous Release	Project Lead elected	Done	Project Lead election	Test Contact specified	Done	Test Contact announced	Candidate Release Plan	Done	Candidate Release Plan			
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M2	5/5/2016	<table><tr><th>Name</th><th>Status</th><th>Description</th></tr><tr><td>Final Release Plan</td><td>Done</td><td>Final Release Plan</td></tr><tr><td>Project Checklist</td><td>Done</td><td>Project Checklist completed</td></tr><tr><td>OpenDaylight CI</td><td>Done</td><td>OpenDaylight CI infrastructure usage for system test</td></tr><tr><td>Project acknowledgement</td><td>Done</td><td></td></tr></table>	Name	Status	Description	Final Release Plan	Done	Final Release Plan	Project Checklist	Done	Project Checklist completed	OpenDaylight CI	Done	OpenDaylight CI infrastructure usage for system test	Project acknowledgement	Done				
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M3	6/2/2016	<table><tr><th>Name</th><th>Status</th><th>Description</th></tr><tr><td>Functionality Freeze</td><td></td><td></td></tr><tr><td>Karaf Features Defined</td><td></td><td></td></tr><tr><td>Documentation Started</td><td></td><td></td></tr><tr><td>Feature Test Started</td><td></td><td></td></tr></table>	Name	Status	Description	Functionality Freeze			Karaf Features Defined			Documentation Started			Feature Test Started					
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M4	6/30/2016	<table><tr><th>Name</th><th>Status</th><th>Description</th></tr><tr><td>API Freeze</td><td></td><td></td></tr><tr><td>Documentation word count</td><td></td><td></td></tr><tr><td>Maven Central Requirements</td><td></td><td></td></tr><tr><td>Feature Test Continues</td><td></td><td></td></tr></table>	Name	Status	Description	API Freeze			Documentation word count			Maven Central Requirements			Feature Test Continues					
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M5	8/4/2016	<table><tr><th>Name</th><th>Status</th><th>Description</th></tr><tr><td>Code Freeze</td><td></td><td></td></tr><tr><td>Stability Branch</td><td></td><td>Stability branch must be cut and local project versions bumped on the master to avoid overwriting SNAPSHOTS</td></tr><tr><td>String Freeze</td><td></td><td>All externally visible strings frozen to allow for translation & documentation</td></tr><tr><td>Documentation Complete</td><td></td><td>Only editing and enhancing should take place after this point.</td></tr><tr><td>Integration & System Test</td><td></td><td></td></tr></table>	Name	Status	Description	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		
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RC0	8/11/2016	<table><tr><th>Name</th><th>Status</th></tr><tr><td>Release Candidate 0</td><td></td></tr></table>	Name	Status	Release Candidate 0															
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RC1	8/18/2016	<table><tr><th>Name</th><th>Status</th></tr><tr><td>Release Candidate 1</td><td></td></tr></table>	Name	Status	Release Candidate 1															
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RC2	8/25/2016	<table><tr><th>Name</th><th>Status</th></tr><tr><td>Release Candidate 2</td><td></td></tr></table>	Name	Status	Release Candidate 2															
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RC3	9/1/2016	Name	Status	Description
		Bugfix & more		Bugfixing, samples
		Release Review		Release Review
		Release Candidate 3		
		Blocking Bugs		
Formal Release	9/8/2016	Name	Status	Description
		Formal Release		
		Release patch		Release patch to the stable branch and bump versions
SR1 Release		Name	Status	Description
		Release patch		Release patch to the stable branch and bump versions
SR2 Release		Name	Status	Description
		Release patch		Release patch to the stable branch and bump versions
SR3 Release		Name	Status	Description
		Release patch		Release patch to the stable branch and bump versions
SR4 Release		Name	Status	Description
		Release patch		Release patch to the stable branch and bump versions

Externally Consumable APIs

Artifact	Status	Description
Southbound	Stable	MD-SAL OVSDB 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

- Removed APIs and/or Functionality
- Deprecated APIs and/or Functionality
- Changed APIs and/or Functionality

Themes and Priorities

- Increasing code, unit and integration test coverage to improve code quality, stability and usability
- Additional functionality to support QoS and Queue and hw vtep
- Scalability and performance improvements
- Project split

Requests from Other Projects

Active Requests

Test Tools Requirements

System Test

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

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

- [OVSDB Clustering Development Environment Setup](#)

End to end Test

Other