

Genius : Boron Release Plan

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Release Deliverables

Name	Description
Interface Manager	Base module taken for 'vpnservice' project, Egress Service Binding/additional RPCs, VxLAN-GPE support
Overlay Tunnel Manager	Base module taken for 'vpnservice' project, enhancements for scalability
ID-Manager	Base module taken for 'vpnservice' project, new methods for ID-range allocation
MD-SAL Utils	Base module taken for 'vpnservice' project
Resource Sharing Framework	Framework for sharing openflow resources among different applications running together.

Tasks in order of Priority

1. Genius base modules (from VPNservice project)
2. Additional Junit tests
3. CSIT for base modules
4. Interface CRUD RPCs
5. VxLAN-GPE support in IFM
6. Multiple tunnels on single OF-port
7. ID-Block generation capabilities
8. Resource Sharing Framework

Release Milestones

Offset: 1.

Milestone	Offset x Date	Deliverables		
M1	3/24/2016	Name	Status	Description
		Project Lead elected	Done	Project Lead election
		Test Contact specified	Done	Test Contact announce
		Candidate Release Plan	Done	Candidate Release Plan

M2	4/21/2016	<table><tr><th>Name</th><th>Status</th><th colspan="2">Description</th></tr><tr><td>Release Plan</td><td>Done</td><td colspan="2">Final Release Plan</td></tr><tr><td>Project Checklist</td><td>Done</td><td colspan="2">Project Checklist completed</td></tr><tr><td>OpenDaylight CI</td><td>Done</td><td colspan="2">OpenDaylight CI infrastructure usage for system test</td></tr><tr><td>Project acknowledged</td><td>Notification Sent, waiting for ack</td><td colspan="2">Project acknowledged from all projects that it depends on.</td></tr></table>			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	Notification Sent, waiting for ack	Project acknowledged from all projects that it depends on.							
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M3	5/19/2016	<table><tr><th>Name</th><th>Status</th><th colspan="2">Description</th></tr><tr><td>Functionality Freeze</td><td>Done</td><td colspan="2">Final list of externally consumable APIs defined and documented</td></tr><tr><td>Karaf Features defined</td><td>Done</td><td colspan="2">Karaf Features defined</td></tr><tr><td>Documentation Started</td><td>Done</td><td colspan="2">Identified the kinds of documentation to be provided, created AsciiDoc files for them with outlines, and committed those files in an appropriate location</td></tr><tr><td>Integration & System Test</td><td>Done</td><td colspan="2">Simple system test on a karaf distribution with the project's recommended features installed</td></tr></table>				Name	Status	Description		Functionality Freeze	Done	Final list of externally consumable APIs defined and documented		Karaf Features defined	Done	Karaf Features defined		Documentation Started	Done	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	Done	Simple system test on a karaf distribution with the project's recommended features installed						
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M5	7/21/2016	<table><tr><th>Name</th><th>Status</th><th colspan="2">Description</th></tr><tr><td>Code Freeze</td><td></td><td colspan="2"></td></tr><tr><td>Stability branch</td><td>Done</td><td colspan="2">Stability branch, i.e., stable/boron, must be cut and local project versions bumped on master to avoid overwriting boron SNAPSHOTS</td></tr><tr><td>String Freeze</td><td>Done</td><td colspan="2">All externally visible strings frozen to allow for translation & documentation</td></tr><tr><td>Documentation Complete</td><td>Done</td><td colspan="2">Only editing and and enhancing should take place after this point.</td></tr><tr><td>Feature Test Complete</td><td>Done</td><td colspan="2">Feature Test Complete</td></tr></table>				Name	Status	Description		Code Freeze				Stability branch	Done	Stability branch, i.e., stable/boron, must be cut and local project versions bumped on master to avoid overwriting boron SNAPSHOTS		String Freeze	Done	All externally visible strings frozen to allow for translation & documentation		Documentation Complete	Done	Only editing and and enhancing should take place after this point.		Feature Test Complete	Done	Feature Test Complete		
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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	<table><tr><th>Name</th><th>Status</th><th>Description</th></tr><tr><td>Bugfix & more</td><td></td><td>Bugfixing, performance improvement and other necessary / desired changes</td></tr><tr><td>Release Review</td><td></td><td>Release Review</td></tr><tr><td>Release Candidate 3</td><td></td><td></td></tr></table>	Name	Status	Description	Bugfix & more		Bugfixing, performance improvement and other necessary / desired changes	Release Review		Release Review	Release Candidate 3		
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Externally Consumable APIs

Externally consumable APIs are defined in [Genius User Guide](#)

Expected Dependencies on Other Projects

- OF Plugin
- OVSDDB SB Plugin
- MDSAL
- YANGtools
- ODLParent

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

Requests from Other Projects

- SFC, OVSDDB, GBP projects want to use it. These projects need the base modules ASAP, so that they can start integrating with it.

Test Tools Requirements

- CSIT

Other