

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 | <table border="1"><thead><tr><th>Name</th><th>Status</th><th>Description</th></tr></thead><tbody><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 announce</td></tr><tr><td>Candidate Release Plan</td><td>Done</td><td>Candidate Release Plan</td></tr></tbody></table> | Name | Status | Description | Project Lead elected | Done | Project Lead election | Test Contact specified | Done | Test Contact announce | Candidate Release Plan | Done | Candidate Release Plan | | |
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| 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 border="1"> <thead> <tr> <th>Name</th> <th>Status</th> <th colspan="2">Description</th> </tr> </thead> <tbody> <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> </tbody> </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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| | | Name | Status | Description | | | | | | | | | | | | | | | | | | | | | | | | |
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| M3 | 5/19/2016 | <table border="1"> <thead> <tr> <th>Name</th> <th>Status</th> <th colspan="2">Description</th> </tr> </thead> <tbody> <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> </tbody> </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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| | | Karaf Features defined | Done | Karaf Features defined | | | | | | | | | | | | | | | | | | | | | | | | |
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| M4 | 6/16/2016 | <table border="1"> <thead> <tr> <th>Name</th> <th>Status</th> <th colspan="2">Description</th> </tr> </thead> <tbody> <tr> <td>API Freeze</td> <td>Done</td> <td colspan="2">All external consumable</td> </tr> <tr> <td>Draft documentation</td> <td>Done</td> <td colspan="2">Goal of draft documentation done</td> </tr> <tr> <td>Maven central requirements</td> <td>Done</td> <td colspan="2">Meet the requirements to be included in maven central</td> </tr> <tr> <td>Feature Test Continues</td> <td>In progress</td> <td colspan="2">SW configuration and resources required for system test installed</td> </tr> </tbody> </table> | | | Name | Status | Description | | API Freeze | Done | All external consumable | | Draft documentation | Done | Goal of draft documentation done | | Maven central requirements | Done | Meet the requirements to be included in maven central | | Feature Test Continues | In progress | SW configuration and resources required for system test installed | | | | | |
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| Feature Test Complete | Done | Feature Test Complete | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RC0 | 8/11/2016 | <table border="1"> <thead> <tr> <th>Name</th> <th>Status</th> <th colspan="2"></th> </tr> </thead> <tbody> <tr> <td>Release Candidate 0</td> <td></td> <td colspan="2"></td> </tr> </tbody> </table> | | | Name | Status | | | Release Candidate 0 | | | | | | | | | | | | | | | | | | | |
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| Release Candidate 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RC1 | 8/18/2016 | <table border="1"> <thead> <tr> <th>Name</th> <th>Status</th> <th colspan="2"></th> </tr> </thead> <tbody> <tr> <td>Release Candidate 1</td> <td></td> <td colspan="2"></td> </tr> </tbody> </table> | | | Name | Status | | | Release Candidate 1 | | | | | | | | | | | | | | | | | | | |
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| Release Candidate 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RC2 | 8/25/2016 | <table border="1"> <thead> <tr> <th>Name</th> <th>Status</th> <th colspan="2"></th> </tr> </thead> <tbody> <tr> <td>Release Candidate 2</td> <td></td> <td colspan="2"></td> </tr> </tbody> </table> | | | Name | Status | | | Release Candidate 2 | | | | | | | | | | | | | | | | | | | |
| | | Name | Status | | | | | | | | | | | | | | | | | | | | | | | | | |
| Release Candidate 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | |
|----------------|----------|----------------------|---------------|--|
| RC3 | 9/1/2016 | Name | Status | Description |
| | | Bugfix & more | | Bugfixing, performance improvement and other necessary / desired changes |
| | | Release Review | | Release Review |
| | | Release Candidate 3 | | |
| Formal Release | 9/8/2016 | Name | Status | Description |
| | | Formal Boron Release | | |
| | | | | |
| | | Release patch | | Release patch to the stable/boron branch and bump versions |

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