

Genius : Carbon Release Plan

Contents

- 1 [Contents](#)
- 2 [Release Deliverables](#)
 - 2.1 [Tasks in order of Priority](#)
- 3 [Release Milestones](#)
- 4 [Expected Dependencies on Other Projects](#)
- 5 [Expected Incompatibilities with Other Projects](#)
- 6 [Compatibility with Previous Releases](#)
- 7 [Themes and Priorities](#)
- 8 [Requests from Other Projects](#)
- 9 [Other](#)

Release Deliverables

Following new features/enhancements will be added to existing modules --

Module Name	Description of new features, enhancements
Infra updates	Migration to Blueprint, IT framework, Junits and CSIT improvements
Interface Manager	service binding on tunnel interfaces, maximum services bind to an interface will be changed to 16 (from 7)
Overlay Tunnel Manager	Support for OF-based tunnels, TEP auto config
Resource Sharing Framework	APIs to return fixed pre-allocated resources

Tasks in order of Priority

1. Increase max services bind on an interface to 16
2. Migration to Blueprint
3. Service binding on tunnel interfaces
4. IT framework
5. Junits and CSIT enhancements
6. OF-based tunnels
7. TEP auto config
8. Resource Manager API updates

Release Milestones

- **Offset:** 1

Milestone	Offset 1 Date	Deliverables											
M1	10/27/2016	<table><tr><th>Name</th><th>Status</th></tr><tr><td>Intent to participate</td><td>Done</td></tr><tr><td>Project Lead elected and project contact</td><td>Done</td></tr><tr><td>documentation/test contact</td><td>Done</td></tr><tr><td>Candidate Release Plan</td><td>Done</td></tr></table>	Name	Status	Intent to participate	Done	Project Lead elected and project contact	Done	documentation/test contact	Done	Candidate Release Plan	Done	
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		Intent to participate	Done										
		Project Lead elected and project contact	Done										
		documentation/test contact	Done										
		Candidate Release Plan	Done										
		M0 Status (Intent to participate) email : https://lists.opendaylight.org/pipermail/genius-dev/2016-October/000306.html											
M1 Status Email : https://lists.opendaylight.org/pipermail/genius-dev/2016-October/000378.html													

M2	12/1/2016	<table><tr><th>Name</th><th>Status</th></tr><tr><td>Final Release Plan</td><td>Done</td></tr><tr><td>Additional Resource Request</td><td>N.A.</td></tr><tr><td>Project Checklist</td><td>Done</td></tr><tr><td>System Test Waiver</td><td>N.A.</td></tr><tr><td>Acknowledgement by upstream projects</td><td>Done</td></tr></table>	Name	Status	Final Release Plan	Done	Additional Resource Request	N.A.	Project Checklist	Done	System Test Waiver	N.A.	Acknowledgement by upstream projects	Done
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M3	1/19/2017	<table><tr><th>Name</th><th>Description</th></tr><tr><td>Feature Freeze</td><td></td></tr><tr><td>Candidate Stable Distribution</td><td>A running candidate of what is attempting to be the stable distribution to be blessed by the TSC.</td></tr><tr><td>Extension Distribution</td><td>A running candidate of what is attempting to be the extension distribution.</td></tr></table>	Name	Description	Feature Freeze		Candidate Stable Distribution	A running candidate of what is attempting to be the stable distribution to be blessed by the TSC.	Extension Distribution	A running candidate of what is attempting to be the extension distribution.				
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M4	2/16/2017	<table><tr><th>Name</th><th>Description</th></tr><tr><td>API Freeze</td><td></td></tr><tr><td>Candidate Stable Distribution</td><td>A running candidate of what is attempting to be the stable distribution to be blessed by the TSC.</td></tr><tr><td>Extension Distribution</td><td>A running candidate of what is attempting to be the extension distribution.</td></tr></table>	Name	Description	API Freeze		Candidate Stable Distribution	A running candidate of what is attempting to be the stable distribution to be blessed by the TSC.	Extension Distribution	A running candidate of what is attempting to be the extension distribution.				
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M5	3/16/2017	<table><tr><th>Name</th><th>Description</th></tr><tr><td>Code Freeze</td><td></td></tr><tr><td>Candidate Stable Distribution</td><td>A running candidate of what is attempting to be the stable distribution to be blessed by the TSC.</td></tr><tr><td>Extension Distribution</td><td>A running candidate of what is attempting to be the extension distribution.</td></tr></table>	Name	Description	Code Freeze		Candidate Stable Distribution	A running candidate of what is attempting to be the stable distribution to be blessed by the TSC.	Extension Distribution	A running candidate of what is attempting to be the extension distribution.				
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RC0	4/13/2017	<table><tr><th>Name</th><th>Description</th></tr><tr><td>Candidate Stable Distribution</td><td>A running candidate of what is attempting to be the stable distribution to be blessed by the TSC.</td></tr><tr><td>Extension Distribution</td><td>A running candidate of what is attempting to be the extension distribution.</td></tr></table>	Name	Description	Candidate Stable Distribution	A running candidate of what is attempting to be the stable distribution to be blessed by the TSC.	Extension Distribution	A running candidate of what is attempting to be the extension distribution.						
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RC1	4/20/2017	<table><tr><th>Name</th><th>Description</th></tr><tr><td>Candidate Stable Distribution</td><td>A running candidate of what is attempting to be the stable distribution to be blessed by the TSC.</td></tr><tr><td>Extension Distribution</td><td>A running candidate of what is attempting to be the extension distribution.</td></tr></table>	Name	Description	Candidate Stable Distribution	A running candidate of what is attempting to be the stable distribution to be blessed by the TSC.	Extension Distribution	A running candidate of what is attempting to be the extension distribution.						
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RC2	4/27/2017	<table><tr><th>Name</th><th>Description</th></tr><tr><td>Release Review</td><td>Release Review Description</td></tr><tr><td>Candidate Stable Distribution</td><td>A running candidate of what is attempting to be the stable distribution to be blessed by the TSC.</td></tr><tr><td>Extension Distribution</td><td>A running candidate of what is attempting to be the extension distribution.</td></tr></table>	Name	Description	Release Review	Release Review Description	Candidate Stable Distribution	A running candidate of what is attempting to be the stable distribution to be blessed by the TSC.	Extension Distribution	A running candidate of what is attempting to be the extension distribution.				
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RC3	5/4//2017	<table><tr><th>Name</th><th>Description</th></tr><tr><td>Release Review</td><td>Release Review Description</td></tr><tr><td>Candidate Stable Distribution</td><td>A running candidate of what is attempting to be the stable distribution to be blessed by the TSC.</td></tr><tr><td>Extension Distribution</td><td>A running candidate of what is attempting to be the extension distribution.</td></tr></table>		Name	Description	Release Review	Release Review Description	Candidate Stable Distribution	A running candidate of what is attempting to be the stable distribution to be blessed by the TSC.	Extension Distribution	A running candidate of what is attempting to be the extension distribution.
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Formal Release	5/11/2017	<table><tr><th>Name</th><th>Description</th></tr><tr><td>Deliverable Name</td><td>Deliverable Description</td></tr></table>		Name	Description	Deliverable Name	Deliverable Description				
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Expected Dependencies on Other Projects

- OF Plugin
- OVSDB SB Plugin
- MDSAL
- YANGtools
- ODLParent

Expected Incompatibilities with Other Projects

- None

Compatibility with Previous Releases

Themes and Priorities

Requests from Other Projects

- GBP project shown interest in integrating with Genius

Test Tools Requirements

- CSIT

Other