

Genius : Carbon Release Plan

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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	Name Status	
		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	Name Status	
		Final Release Plan	Done
		Additional Resource Request	N.A.
		Project Checklist	Done
		System Test Waiver	N.A.
		Acknowledgement by upstream projects	Done
M3	1/19/2017	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.
M4	2/16/2017	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.
M5	3/16/2017	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.
RC0	4/13/2017	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.
RC1	4/20/2017	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.
RC2	4/27/2017	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.

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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Deliverable Name	Deliverable Description										

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