

# 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	<table border="1"><thead><tr><th>Name</th><th>Status</th></tr></thead><tbody><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></tbody></table> <p>M0 Status (Intent to participate) email : <a href="https://lists.opendaylight.org/pipermail/genius-dev/2016-October/000306.html">https://lists.opendaylight.org/pipermail/genius-dev/2016-October/000306.html</a></p> <p>M1 Status Email : <a href="https://lists.opendaylight.org/pipermail/genius-dev/2016-October/000378.html">https://lists.opendaylight.org/pipermail/genius-dev/2016-October/000378.html</a></p>	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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M2	12/1/2016	<table border="1"> <thead> <tr> <th>Name</th> <th>Status</th> </tr> </thead> <tbody> <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> </tbody> </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 border="1"> <thead> <tr> <th>Name</th> <th>Description</th> </tr> </thead> <tbody> <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> </tbody> </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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RC3	5/4//2017	<b>Name</b>		<b>Description</b>	
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		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.	
Formal Release	5/11/2017	<b>Name</b>		<b>Description</b>	
		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