

# Carbon Release Plan

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## Introduction

### Release Deliverables

Name	Description
<a href="#">Single Model Layer PoC</a>	PoC to test performance/path of single model layer instead of layers for both OFJava & Plugin
<a href="#">Single Model Layer Implementation</a>	Implementation for using a single model layer instead layers for both OFJava & Plugin
<a href="#">Split connection layer from core</a>	Split connection layer from core
<a href="#">Soutbound Manager</a>	Simpler API for OFP RPC to provide flow/group provisioning/dependency chaining
Stretch Goal - OpenFlow Bundles	OpenFlow Bundles for transaction semantics
Usability Improvements	Configuration Parameters: Move to openflowplugin.cfg and add more configuration parameters
Documentation Cleanup	Documentation Update and Cleanup to make it more usable
Bugfixing & testing	Bugfixing & testing throughout the release cycle

### Release Milestones

Milestone	Offset 1 Date	Deliverables		
M1	10/27 /2016	<b>Name</b>	<b>Status</b>	<b>Description</b>
		Intent to participate	<b>Done</b>	Intent to participate in Carbon Simultaneous Release
		Candidate Release Plan	<b>Done</b>	Candidate Release Plan
M2	12/1 /2016	<b>Name</b>	<b>Status</b>	<b>Description</b>
		Release Plan	<b>Done</b>	Final Release Plan
		<a href="#">Single Model Layer PoC</a>	<b>Done</b>	Bug 6852: PoC to test performance/path of single model layer instead of layers for both OFJava & Plugin
M3	1/19 /2017	<b>Name</b>	<b>Status</b>	<b>Description</b>
		Feature Freeze	<b>Done</b>	
		<a href="#">Split connection layer from core</a>	<b>Needs Review</b>	Bug 6802: Split connection layer from core
		<a href="#">Soutbound Manager</a>	<b>Needs review</b>	Bug <ID??>: Simpler API for OFP RPC to provide flow/group provisioning /dependency chaining
		Usability Improvements	<b>Under Discussion</b>	<ul style="list-style-type: none"><li>• <a href="#">[Configuration Parameters]</a>: Bug 6890: Move to openflowplugin.cfg and add more configuration parameters</li><li>• API Improvements (TBD)</li></ul>

M4	2/16 /2017	<b>Name</b>		<b>Status</b>	<b>Description</b>
		API Freeze		Done	
		Stretch Goal - OpenFlow Bundles		Code Completed as an experimental feature - review in progress, working but may be merged by SR1	OpenFlow Bundles for transaction semantics
		Documentation Cleanup		Ongoing	Documentation Update and Cleanup for existing docs to make it more usable
M5	3/16 /2017	<b>Name</b>		<b>Status</b>	<b>Description</b>
		Code Freeze		Done (except for a few code reviews of some patches for Split Connection Handler)	
		Single Model Layer Implementation		Done	Bug 6912: Implementation for using a single model layer instead layers for both OFJava & Plugin
RC0	4/13 /2017	<b>Name</b>	<b>Status</b>	<b>Description</b>	
		Documentation		Documentation for new features	
RC1	4/20 /2017				
RC2	4/27 /2017				
RC3	5/4 //2017	<b>Name</b>	<b>Status</b>	<b>Description</b>	
		Release Review		Release Review Description	
		Bugfixing & testing		Bugfixing & testing end	
Formal Release	5/11 /2017	<b>Name</b>		<b>Status</b>	<b>Description</b>
		Carbon Openflowplugin			OpenflowPlugin Carbon officially released

## Externally Consumable APIs

- REST APIs

## Expected Dependencies on Other Projects

- Several changes will be done in OpenFlow Java.