BIER Plugin: Carbon: Release Plan

Contents

Introduction

In the Carbon release the BIER project is aimed to support some functionalities with respect to BIER configuration and managment.

Release Deliverables

Name	Description	
BIER Topology Manage	Manage BFR nodes information and configuration and the topology of the BIER domain.	
BIER Channel Manage	Manage channel information and configuration received from multicast flow overlay protocol(BGP/PIM/MLD).	
BIER Service Manage	Manage the BIER proceduce between controller and BFR nodes which using netconf protocol.	
BIER Driver	Provide south-bound netconf interface for bierit has implemented standard interfaceietf-bier.	

Release Milestones

- **Offset:** 2

Milestone	Offset X Date	Deliverables
M1	11/3/2016	<table><tr><th>Name</th><th>Status</th><th>Description</th></tr><tr><td>Release Plan</td><td>Done</td><td>Candidate Release Plan</td></tr><tr><td>Main Page</td><td>Done</td><td>Project Main Page for BIER</td></tr></table>
M2	12/8/2016	<table><tr><th>Name</th><th>Status</th><th>Description</th></tr><tr><td>Release Plan</td><td>Done</td><td>Final Release Plan</td></tr><tr><td>Project checklist</td><td>Done</td><td>Completed the project checklist</td></tr></table>
M3	2/2/2017	<table><tr><th>Name</th><th>Status</th><th>Description</th></tr><tr><td>Feature Freeze</td><td></td><td></td></tr><tr><td>Candidate Stable Distribution</td><td></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></td><td>A running candidate of what is attempting to be the extension distribution.</td></tr><tr><td>Feature List</td><td>Done</td><td>Complete the feature definition.</td></tr><tr><td>API List</td><td>Done</td><td>Complete the API definition.</td></tr><tr><td>Documentation</td><td>Done</td><td>Provide the User,Developer guide Docs.</td></tr><tr><td>Unit Test</td><td>Done</td><td>Complete the Unit Test.</td></tr></table>

M4	3/2/2017	Name	Status	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.	
		Integration Test	Complete the integration and report.	

M5	3/30/2017	Name	Status	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	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.

Formal Release	5/11/2017	Name	Description
		Deliverable Name	Deliverable Description

Externally Consumable APIs

Short Name	Description	Type (at M2)	Type (at M3)	Type (release)	Contract	Supporting Code
BIER Topology	BFR nodes & BIER topology configuration and storage	Tentative	Provisional	Stable	bier-topology.yang	topomanager
BIER Channel	BIER channel configuration and storage	Tentative	Provisional	Stable	bier-channel.yang	channel

Expected Dependencies on Other Projects

- controller,mdsal,NETCONF,YANGTOOL,OpenFlow Plugin,OpenFlow Java,dlux,odlparent

Expected Incompatibilities with Other Projects

None

Compatibility with Previous Releases

- None intrinsic to distribution, projects delivered may have their own.

Themes and Priorities

None

Requests from Other Projects

None

Test Tools Requirements

None

== Other ==