

Lisp Flow Mapping: Carbon: Release Plan

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Introduction

This project is in offset 1.

Release Deliverables

Name	Description
Geo distribution of cluster	Experiment with geo-distributed clustering and evaluate feasibility of non-voting cluster member for this.
Negative prefix subscription	Accept subscription for negative mappings and SMR once a positive mapping is registered.
Multithreading in SB	Enable multithreading in SB.
Neutron Support improvements	Add support for xTR-ID in map-registers being stored as a Host-ID, such that Neutron Add/Update Port calls can match an existing xTR in LISP network.
TCP support as a southbound transport (tentative)	TCP support as a southbound transport .
Locator Scopes (Tentative)	Add support for defining locator scopes and transitional RTRs.

Release Milestones

Milestone	Offset 1 Date	Deliverables		
M1	10/27/2016	Name	Status	Description
		Release Plan	Done	Candidate Release Plan
M2	12/1/2016	Name	Status	Description
		Release Plan		Final Release Plan
		Multithreading in SB		Initial support
M3	1/19/2017	Name	Status	Description
		Feature Freeze		
		Negative Subscription		Implementation complete

M4	2/16/2017	Name	Status	Description
		API Freeze		
		Geo Distribution		
M5	3/16/2017	Name	Status	Description
		Code Freeze		
		Neutron Improvements		
		TCP support in SB		
		Documentation		Contribute documentation on changes and new feature to the LISP Flow Mapping section of the documentation project.
RC0	4/13/2017	Name	Status	Description
		Deliverable Name	Deliverable Description	
RC1	4/20/2017	Name	Status	Description
		Deliverable Name	Deliverable Description	
RC2	4/27/2017	Name	Description	
		Release Review	Release Review Description	
		Deliverable Name	Deliverable Description	
RC3	5/4/2017	Name	Status	Description
		Deliverable Name	Deliverable Description	
Formal Release	5/11/2017	Name	Status	Description
		Deliverable Name	Deliverable Description	

Externally Consumable APIs

- mappingservice-api

Short Name	Description	Type (at M2)	Type (at M3)	Type (release)	Contract	Supporting Code
Mapping Service	Main Mapping Service	Provisional	Provisional	Provisional	odl-mappingservice.yang , IMappingService.java	mappingservice.implementation
LISP SB	LISP Southbound Plugin	Provisional	Provisional	Provisional	odl-lisp-sb.yang	mappingservice.southbound
LISP Address Types	LISP Address Types	Provisional	Provisional	Provisional	ietf-lisp-address-types.yang	mappingservice.lisp-proto

Expected Dependencies on Other Projects

Providing Project	Deliverable Name	Needed By	Acknowledged?	Description
YANG Tools	Objects to be comparable()	M2?	No (YANG Tools Release Plan)	YANG Tools objects to have a comparable() method that can be overridden, for use in IPv4 /IPv6 prefix lookup tables (see bug 3032)
?				

Expected Incompatibilities with Other Projects

N/A

Compatibility with Previous Releases

Removed APIs and/or Functionality

- TBD

Deprecated APIs and/or Functionality

- TBD

Changed APIs and/or Functionality

- TBD

Themes and Priorities

The main theme of this release is improved performance and scalability.

Requests from Other Projects

Test Tools Requirements

`System Test for Carbon`

Other

LIST of Dropped Tentative Deliverables

The following tentative deliverables are dropped:

TBD