Release Plan: Nitrogen

Contents

Introduction

This is a per-project Nitrogen Release Plan.

The main purpose of BGP LS PCEP project is to create home for GUI applications with broader domain than one project.

Release Deliverables

Name	Description
BUG-6976	Migrate BMP collector to use BP wiring
BUG-6978	Integrate BMP collector with Cluster Singleton Service

Release Milestones

- **Offset:** 1

Milestone	Offset 1 Date	Deliverables		
M1	6/14/2017	**Name**	**Description**	
		Release Plan	Candidate Release Plan	
M2	7/7/2017	**Name**	**Description**	
		Release Plan	Final Release Plan	
M3	7/7/2017	**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.	

		Name	Description
M4	7/7/2017	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.

		Name	Description
M5	8/7/2017	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.

		Name	Status	Description
RC0	8/14/2017	BUG-6976	**Done**	Migrate BMP collector to use BP wiring
		BUG-6978	**Done**	Integrate BMP collector with Cluster Singleton Service

		Name	Description
RC1	8/21/2017	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.

		Name	Description
RC2	8/28/2017	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.

		Name	Description
RC3	9/3/2017	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.

		Name	Description
Formal Release	00/00/2017	Deliverable Name	Deliverable Description

Externally Consumable APIs

Short Name	Description	Type (at M2)	Type (at M3)	Type (release)	Contract	Supporting Code
Concepts	Project Common Types	Provisional			iana.yang, ieee754.yang, network-concepts.yang	concepts
RSVP	Resource ReSerVation Protocol	Provisional			rsvp.yang	rsvp-api, rsvp-spi

PCEP	Path Computation Element Protocol	Provisional	pcep-message.yang, pcep-session-stats.yang, pcep-types.yang		pcep-api, pcep-spi
PCEP Stateful	PCEP Extensions for Stateful PCE	Provisional	odl-pcep-ietf-initiated00.yang, odl-pcep-ietf-stateful07.yang, odl-pcep-sync-optimizations.yang		pcep-ietf-stateful07
PCEP SR	PCEP Extensions for Segment Routing	Provisional	odl-pcep-segment-routing.yang		pcep-segment-routing
PCEP Topology	PCEP Topology Provider	Provisional	network-topology-pcep.yang		pcep-topology-api
BGP Parser	BGP Message Models	Provisional	bgp-message.yang, bgp-multiprotocol.yang		bgp-parser-api, bgp-parser-spi
BGP RIB	BGP RIB Models	Provisional	bgp-rib.yang, bgp-peer-rpc.yang		bgp-rib-api, bgp-rib-spi
BGP Concepts	BGP common types	Provisional	bgp-types.yang		bgp-concepts
BGP EVPN	BGP Ethernet VPN extension	Provisional	bgp-evpn.yang		bgp-evpn
BGP FS	BGP Flowspec extension	Provisional	bgp-flowspec.yang		bgp-flowspec
BGP MP	BGP MP extension	Provisional	bgp-inet.yang		bgp-inet
BGP L3VPN	BGP MPLS VPN extension	Provisional	bgp-vpn-ipv4.yang, bgp-vpn-ipv6.yang, bgp-vpn.yang		bgp-l3vpn
BGP LU	BGP Labeled Unicast extension	Provisional	bgp-labeled-unicast.yang		bgp-labeled-unicast
BGP LS	BGP Linkstate extension	Provisional	bgp-epe.yang, bgp-linkstate.yang, bgp-segment-routing.yang		bgp-linkstate
BGP OpenConfig	BGP OpenConfig configuration provider	Provisional	bgp-openconfig-extensions.yang, openconfig-bgp-multiprotocol.yang, openconfig-bgp-types.yang, openconfig-bgp.yang, openconfig-types.yang, openconfig-interfaces.yang, openconfig-local-routing.yang, openconfig-network-instance-types.yang, openconfig-network-instance.yang		bgp-openconfig-api
BMP	BGP Monitoring Protocol	Provisional	bmp-message.yang, bmp-monitor.yang		bgp-bmp-api, bgp-bmp-spi

Expected Dependencies on Other Projects

- odlparent
- yangtools
- mdsal
- controller

Expected Incompatibilities with Other Projects

None.

Removed APIs and/or Functionality

- remove APIs deprecated in previous release

Deprecated APIs and/or Functionality

- BGP/BMP/PCEP config-subsystem configuration modules

Themes and Priorities

1. Blueprint migration
2. Documentation

3. Code maintenance

Requests from Other Projects

None.

Test Tools Requirements

None.