

Release Plan: Oxygen

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Introduction

This is a per-project [Oxygen 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	Status	Description
BGPCEP-582 / BUG-6976	Done	Migrate BMP collector to use BP wiring
BGPCEP-688 / BUG-9143	Done	Initial configuration file loader for BMP
BGPCEP-702 / BUG-9301	Done	Migrate Cli to use Operational state
BGPCEP-701 / BUG-9300	Done	Remove deprecated BGP stats by openconfig state
BGPCEP-694	Done	Prevent example bgp config be installed by default
BGPCEP-580 / BUG-6974	Done	Render PCEP statistics in operational DS
BGPCEP-720 / BUG-6973	Done	PCEP configuration via DS
BGPCEP-710	Done	PCEP configuration File loader
BGPCEP-704	Done	Remove PCEP Config subsystem configuration
BGPCEP-373	Done	Move BGP/PCEP configuration into the data store
BGPCEP-501	Done	EVPN VPWS Flexible Cross-Connect Service draft-sajassi-bess-evpn-vpws-fxc
BGPCEP-733	Done	PCEP Speaker Entity Id

Release Milestones

- Offset: 1

Milestone	Offset 1 Date	Deliverables	
M1	10/14/2017	Name	Description
		Release Plan	Candidate Release Plan

M2	11/14/2017	<table><tr><th colspan="2">Name</th><th>Status</th><th>Description</th></tr><tr><td colspan="2">Feature/Functionality Freeze</td><td></td><td></td></tr><tr><td colspan="2">BGPCEP-582 / BUG-6976</td><td>Done</td><td>Migrate BMP collector to use BP wiring</td></tr><tr><td colspan="2">BGPCEP-688 / BUG-9143</td><td>Done</td><td>Initial configuration file loader for BMP</td></tr><tr><td colspan="2">BGPCEP-702 / BUG-9301</td><td>Done</td><td>Migrate Cli to use Operational state</td></tr><tr><td colspan="2">BGPCEP-701 / BUG-9300</td><td>Done</td><td>Remove deprecated BGP stats by openconfig state</td></tr><tr><td colspan="2">BGPCEP-694</td><td>Done</td><td>Prevent example bgp config be installed by default</td></tr><tr><td colspan="2">BGPCEP-580</td><td>Done</td><td>Render PCEP statistics in operational DS</td></tr><tr><td colspan="2">BGPCEP-720</td><td>Done</td><td>PCEP configuration via DS</td></tr><tr><td colspan="2">BGPCEP-710</td><td>Done</td><td>PCEP configuration File loader</td></tr><tr><td colspan="2">BGPCEP-704</td><td>Done</td><td>Remove PCEP Config subsystem configuration</td></tr></table>			Name		Status	Description	Feature/Functionality Freeze				BGPCEP-582 / BUG-6976		Done	Migrate BMP collector to use BP wiring	BGPCEP-688 / BUG-9143		Done	Initial configuration file loader for BMP	BGPCEP-702 / BUG-9301		Done	Migrate Cli to use Operational state	BGPCEP-701 / BUG-9300		Done	Remove deprecated BGP stats by openconfig state	BGPCEP-694		Done	Prevent example bgp config be installed by default	BGPCEP-580		Done	Render PCEP statistics in operational DS	BGPCEP-720		Done	PCEP configuration via DS	BGPCEP-710		Done	PCEP configuration File loader	BGPCEP-704		Done	Remove PCEP Config subsystem configuration
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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, rfc2385.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, odl-pcep-ietf-stateful07-app-config.yang, odl-pcep-stateful-stats.yang, odl-pcep-topology-sync-optimizations-config.yang	pcep-ietf-stateful07
PCEP AB	PCEP Auto Bandwidth Extension	Provisional			odl-pcep-auto-bandwidth.yang, pcep-auto-bandwidth-app-config.yang	pcep-auto-bandwidth-extension
PCEP SR	PCEP Extensions for Segment Routing	Provisional			odl-pcep-segment-routing.yang, odl-pcep-segment-routing.yang	pcep-segment-routing
PCEP Topology	PCEP Topology Provider	Provisional			network-topology-pcep.yang, network-pcep-topology-config.yang, network-pcep-topology-stats.yang, network-topology-pcep-programming.yang	pcep-topology-api
PCEP Topology Stats	PCEP Topology Stats	Provisional			odl-pcep-stats-provider.yang	pcep-topology-stats
PCEP Tunnel	PCEP Tunnel Topology Provider	Provisional			topology-tunnel-pcep.yang, topology-tunnel-pcep-config.yang, topology-tunnel-pcep-programming.yang	pcep-tunnel-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			odl-bgp-evpn.yang, pmsi-tunnel.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-app-config.yang	bgp-linkstate
BGP OpenConfig	BGP OpenConfig configuration provider	Provisional	bgp-openconfig-extensions.yang, openconfig-bgp-multiprotocol.yang, openconfig-bgp-operational.yang, openconfig-bgp-policy.yang, openconfig-bgp-types.yang, openconfig-bgp.yang, openconfig-types.yang, openconfig-extensions.yang, openconfig-interfaces.yang, openconfig-local-routing.yang, openconfig-network-instance.yang, openconfig-network-instance-types.yang, openconfig-policy-types.yang, openconfig-routing-policy.yang	bgp-openconfig-api
BGP OpenConfig State	BGP OpenConfig State	Provisional	bgp-state-config.yang	bgp-openconfig-state
BGP Topology	BGP Topology Provider	Provisional	odl-bgp-topology-types.yang, odl-bgp-topology-config.yang	bgp-topology-provider
BMP	BGP Monitoring Protocol	Provisional	bmp-message.yang, bmp-monitor.yang, odl-bmp-monitor-config.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
- remove all APIs, models, and configuration based on Config Subsystem.

Deprecated APIs and/or Functionality

Themes and Priorities

1. Blueprint migration
2. Documentation
3. Code maintenance

Requests from Other Projects

None.

Test Tools Requirements

None.