ODL BGPCEP Reliability & Scale

Date

24 Jun 2020

Attendees

- @DeepthiVV
- Tejas Nevrekar
- Venkatrangan Govindarajan
- Abhijit Kumbhare
- Bhushan
- Bhuvan
- Claudio David Gasparini
- Cedric Ollivier
- Daniel De La Rosa
- Deepthi V V
- Guillame Lambert
- Kailas Deshmukh
- Nikhil Soni
- Pooja Dattratraya
- Roberto Morro
- Robert Varga
- Suresh Perumal
- Thanh Ha
- Vikram

Overview

We review the BGP and PCEP plugins from the perspective of issues seen at customer sites at scale and use that as a reason to deep dive and evaluate alternate solutions for some of the implementation for better reliability and scale.

- Schedule: https://teamup.com/event/show/id/KtE8RB9MLPKhfGtbu9DArApzWRBEYg
- Recording: ODL BGPCEP Reliability & Scale.mp4

Minutes

- Presentation here - https://docs.google.com/presentation/d/1bWTVCixNBlWVEsOdbYFXEelQtRwLswG-AgziyP110d4/edit?usp=sharing
- Robert suggested having bugs filed for these issues so that the project will take a look.
- Olivier also mentioned similar issues observed by his team as the PCEP failures and the only recover being restart controller.
- Lumina will upload the missing bugs and patches
- Config only replication shards are already supported

Action items

- ☐ Tejas Nevrekar When working on the redesign to use a pipeline be mindful of ensuring pipeline stages are mutually exclusive

- ☐ Tejas Nevrekar Upload missing bugs and patches to upstream

- ☐ Robert Varga share details of how config only replication shards maybe configured