COE

Welcome to COE

Introduction

COE(Container Orchestration Engine) project aims at developing a framework for integrating Container Orchestration Engine (like Kuberenetes) and OpenDaylight.. In the the first phase, COE would provide following support --

- Deployment type 1 - Container only (Baremetal based)
  - **Development of Kubernetes CNI Plugin for Opendaylight - Done**
  - **Development of CNI Northbound for bare metal deployment - Done**
  - **Integration of COE and Netvirt**
    - **Pod 2 Pod - L2 and L3 support - Done**
    - **Service Support - In progress**
    - **NetConf Support - In progress**
  - **Integration with NetworkServiceMesh - TBD**

- Deployment type 2 - VM and Container (mixed workload)
  - **Kuryr integration - Done**
  - **Usecase testing of VM and container networking - Done**
  - **Multihost networking support - Done**

Project Information

Project Proposal

Git patches and reviews

Jenkins

Weekly Meeting Minutes

Getting started for users

COE Intro Slide - ODL Summit 2016

COE Overview

COE Setup Guide

COE Netvirt Guide

Kuryr K8S Integration

COE CNI Specification

Information for developers

Committers typically do not review changes with build failures; it is the Gerrit Owner's responsibility to get them to build. If you're facing build issues you don't know how to solve, email the coe-dev list asking for help (don't just wait and expect committers to notice your proposed change and help you fix its build).

Project Facts

Project Creation Date: January 05, 2017

Lifecycle State: Incubation

Type: App

Primary Contact: Prem Sankar G <pgopannan@luminanetworks. com>

Project Lead: Prem Sankar G <pgopannan@luminanetworks. com>

Committers:

- Prem Sankar G - pgopannan@ luminanetworks.com Gerrit-ID gpremsankar
- Faseela K - k.faseela@gmail. com Gerrit-ID faseela.k
- Andre Fredette - anfredette@g mail.com
- Frederick Kautz - fkautz@redh at.com
- Sam Hague - shague@redhat. com
- Mohamed ElSerngawy - m. elserngawy@gmail.com Gerrit-ID mserngawy

IRC: freenode.net #opendaylight-coe

Mailing List: coe-dev@lists. opendaylight.org
   Archives: mailing list archives

Meetings: See Community Meetings

Repository: git clone https://git. opendaylight.org/gerrit/coe

Jenkins**:** jenkins silo

Gerrit Patches**:** code patches /reviews

Bugs**:**

- open bugs

Feel free to email the coe-dev list after 1 week of no movement on a (green ticked build passing) Gerrit.

Information for committers

We do not "self merge" our own changes, but add other committers as reviewers. The first reviewing committer will +1, the second reviewing committer will +2. Any other committers can merge proposed changes with at least x2 +1 from contributors.

The one exception to the rule is that we allow self merging critical changes required to unblock broken builds.

If you've been added as a Reviewer to a change you don't feel comfortable reviewing, or don't anticipate to have the time to review within say 1 week, then you may want to remove yourself from the review, ideally with a short comment, to signal that to the owner, so that he can find others willing to review (or make changes to significantly simplify or further extensively document and re-add), instead of "doing nothing" and letting reviews "linger" for too long with no action.

We aim to review all pending Gerrits which have passed Verify and have no merge conflicts (and only those) in the weekly meeting. We ignore pending Gerrits which are not Verify.

List of all subpages and other information

COE Project Proposal

Coe: Oxygen: Release Plan

Coe:Oxygen Release Plan

Documentation

Getting Started for Users

Getting Started for Developers

Requirements

Release Planning

Release Notes