CD - Continuous Deployment

- Project Name:
    - Project description:
    - Scope:
    - Architecture Alignment:
    - Other Information:
    - Key Project Facts:
    - Release Components Name:
    - Resources committed to the Release:

Meeting Minutes
- 20190124
- 20190131 - Orange CD demo from Sylvain Desbureaux
- 20190207
    - Attendees

WIP - Michael O'Brien

see **TSC-25** - Getting issue details... `STATUS`

This is a potential draft of a project proposal template. It is not final or to be used until the TSC approves it.

Link to Project Proposal training materials

Project Name:

- Proposed name for the project: `cd`

Project description:

- Provide high level description of intended project and intended use case(s) and benefit, if needed.
- Requirements
    - Deployment run on every or batch of commits
    - Access to failed healtcheck results
    - Access to failed container results "kubectl get pods --all-namespaces | grep -E '0/|1/2' - like http://jenkins.onap.info/job/oom-cd-master/3496/console

Scope:

- Describe the functionality to be provided by the project. Please provide the full intended scope of the project; not just what is intended for the project's first release.
- Specify any interface/API specification proposed,
- Identity a list of features and functionality will be developed.
- Identify what is in or out of scope. During the development phase, it helps reduce discussion.

Architecture Alignment:

- How does this project fit into the rest of the ONAP Architecture?
    - Please Include architecture diagram if possible
    - What other ONAP projects does this project depend on?
- How does this align with external standards/specifications?
    - APIs/Interfaces
    - Information/data models
- Are there dependencies with other open source projects?
    - APIs/Interfaces
    - Integration Testing
    - etc.

Other Information:

- link to seed code (if applicable)
- Vendor Neutral
    - if the proposal is coming from an existing proprietary codebase, have you ensured that all proprietary trademarks, logos, product names, etc., have been removed?
- Meets Board policy (including IPR)

Use the above information to create a key project facts section on your project page

Key Project Facts:

Facts	Info
PTL (first and last name)	Michael O'Brien
Jira Project Name	Continuous Delivery
Jira Key	CD
Project ID	CD
Link to Wiki Space	

Release Components Name:

Note: refer to existing project for details on how to fill out this table

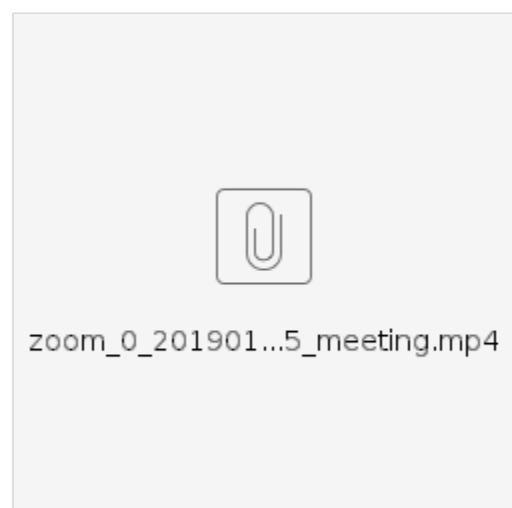| Components Name	Components Repository name	Maven Group ID	Components Description
		org.onap.cd	

Resources committed to the Release:

Note 1: No more than 5 committers per project. Balance the committers list and avoid members representing only one company. Ensure there is at least 3 companies supporting your proposal.

Note 2: It is critical to complete all the information requested, that will help to fast forward the onboarding process.

Role	First Name Last Name	Linux Foundation ID	Email Address	Location
PTL				
Committers				
Contributors				

Meeting Minutes

20190124

zoom_0_201901...5_meeting.mp4

20190124

By request of Dublin Scorecard - https://lists.onap.org/g/onap-tsc/topic/dublin_m1_scorecard_tsc/29536574?p=,,,20,0,0,0::recentpostdate%2Fsticky,,,20,2,0,29536574

Alexis de Talhouët is welcome as TSC management - his deep technical "hands-on" approach will be appreciated

Attendees/Participants

Kenny Paul
Michael O'Brien
Mike Elliott
Sylvain Desbureaux
Habib Torab
Jun (Nicolas) Hu
@Paul Ionut Vaduva
Alain Soleil
Gary Wu
Jessica Wagantall
Jim Baker
John Lotoski

Meeting Minutes: 20190124

- recording - except during sensitive pw screens -
- Bengt Thuree needs another slot - moved to Thu 2030
- 1830 in france not good - 2030 is good - will move meet to 1430EDT
- LF is the level of testing their own deployment
- Orange/OOM discussion in the past - working on pulling the release tag for a gerrit review poc -

around

```
sudo helm deploy local/onap --namespace onap -f onap/resources/environments/disable-allcharts.yaml --set so.
enabled=true
```

server
https://gitlab.com/Orange-OpenSource/lfn/onap/onap_oom_automatic_installation/pipelines/44398686

- orange oom deploy step: validation steps are kubectl get pods, healthcheck, and some TBD subset of a use case (4 use case VNFs, (IMS,,,,) - SO issue being worked on by Sylvain Desbureaux and Morgan Richomme
- source above on https://gitlab.com/Orange-OpenSource/lfn/onap/onap_oom_automatic_installation
- Orange higher level source for all LF projects in https://gitlab.com/Orange-OpenSource/lfn
- Bengt Thuree working with IT/infra team for for VM's -
- next meeting next thu 31st Jan - demo from Orange next thu - 2030 GMT+1 (france time)
- how to work - keep it in the main jira as notes... - LF will work out integration with the infrastructure they are bringing up - a status mid week would be beneficial from the LF (you can work in the jira or subtask or via comments on the jira)
- key is getting the magic word working from an oom review - Orange Sylvain Desbureaux can work with Bengt.
- **Ultimate Main Goal**: prevent to merge code that has not been tested in a CD environment.
- blocked URL POCs
  Integration team: 2018
  Gary Wu - full onap system 13 vms - freq: master once a day
  http://onapci.org/grafana/d/8cGRqBOmz/daily-summary?orgId=1
  https://github.com/garyiwu/onap-lab-ci

  Logging/OOM Team: 201710
  Michael O'Brien - partial onap system 1 vm - freq: hourly for 3 pod - 6 hours for full onap deploy 256G vm
  http://kibana.onap.info:5601/app/kibana#/dashboard/AWAtvpS63NTXK5mX2kuS
  http://jenkins.onap.info/job/oom-cd-master2-aws/
  https://git.onap.org/logging-analytics/tree/deploy

  Orange Labs 201901
  https://gitlab.com/Orange-OpenSource/lfn/onap/onap_oom_automatic_installation/pipelines/44398686
  https://gitlab.com/Orange-OpenSource/lfn
-
- ```
  Proposed flow 1 should be doable for Dublin - fully automated CI/CD - ElAlto due to VM resources
  - gerrit commit on the oom repo for a particular component like so, aai
  - keyed by Issue-ID Jira
  - helm-verify jjb jenkins job currently runs - reports +1/-1
  - manual magic word "run-helm-deploy" will kick in a helm-deploy jjb job
  that deploys robot and the particular pod to a 16-32g VM (preconfigured with
  rancher as a single node) - how? jenkins will run a remote ssh shell to a
  server using a cached key - a cd.sh script will need to be written - see the
  2 pocs below already running
  - reports +1/-1 if healthcheck for that component passes after 20 min - parse
  the logs from jenkins
  - scripts to bring up k8s/helm/docker - see links in comments
  ```

20190131 - Orange CD demo from Sylvain Desbureaux

20190131_cd_t...eaux_demo.mp4

20190131 agenda

- demo on gitlab by Orange
- discuss trigger work in Linux Foundation
- and trigger work at Orange
- quickly discuss 2 use cases we are solving for Dublin
- recording at 1431
- excellent demo and discussion of the working system Sylvain Desbureaux has setup for Orange as a CD poc that integrates with LF Gerrit posted to the wiki
  https://wiki.onap.org/display/DW/CD+-+Continuous+Deployment#CD-ContinuousDeployment-20190131-OrangeCDdemofromSylvainDesbureaux
- example from Orange in https://gerrit.onap.org/r/#/c/77660/
- using -1, 0, 1 - currently 0 as the callback

Notes
blocked URL Use cases

- OOM docker image tag update
  https://gerrit.onap.org/r/#/c/75910/
- OOM chart configuration change
  https://gerrit.onap.org/r/#/c/75479/
- gitlab OOM repo mirroring for CD pocs
  https://gitlab.com/obriensystems/oom
  https://gitlab.com/Orange-OpenSource/lfn

Currently Manual
(essentially at a minimum the CD deploy does)

```
kubectl get pods --all-namespaces
and
oom/kubernetes/robot$ sudo ./ete-k8s.sh onap health
```

20190207

20190207_cd_tsc-25-meet.mp4

TSC-25 - Getting issue details... STATUS

20190207 Agenda

- propose reduce meets to every 2 weeks as Orange/LF collaboration is already done daily
  send out vote on meetings every 2 weeks to LF
  update video from last week
- also open discussion on goals of this task force as it has been on since Mid Oct - RC0
- Review status of Phases for this CD task force
  phase 1: is essentially met - pending details on -1/0/+1 known issues with branch deployment/stability general to ONAP
- Review running Orange gerritt bot for OOM repo merges
  example https://gerrit.onap.org/r/#/c/78009/
- review manifest vs oom docker tag truth - discussions/mails here and TSC-86
- review LF infrastructure changes

q) on timing - work on profiles of dependencies
q) chart ownership - in queue - empty repos only for now J
example
https://git.onap.org/aaf/oom/tree/
optional for this release

- mechanism is symlink just like the docs directory in each project -
- discuss with Mike Elliott

Attendees

Q Type to filter...

(MO) Michael O'Brien (Host, me)

(JW) Jessica Wagantall

(YX) Yang Xu

(AS) Alain Soleil

(B) Bengt

(GW) Gary Wu

(JB) Jim Baker (LFN)

(JL) John Lotoski

(JG) Jonathan Gathman

🎤
Mute   ⌄   Start Video