

Closed Loop Use Case Testing

- Scope
- OSC Community Lab deployment
 - List of docker containers
 - ODLUX GUI
 - Fault Management
 - NONRTRIC Dashboard
 - Detailed logs
 - OAM Logs
 - NONRTRIC Logs
 - O-DU-HIGH
 - CLA use case demo with intel L1 and netconf CLI
 - CLA use case demo with PHY-STUB and SMO

Scope

In the [OSC Community Lab](#), a SMO instance was deployed, with inputs from the [OAM](#), [NONRTRIC](#) and [S-IM](#) projects. It is based on an ONAP post-Honolulu and pre-Istanbul release. The purpose for this deployment is to demonstrate, with the help of simulators initially, the [Closed Loop Use Case](#) proposed in this release.

OSC Community Lab deployment

The VM used for this deployment is **192.168.130.90**

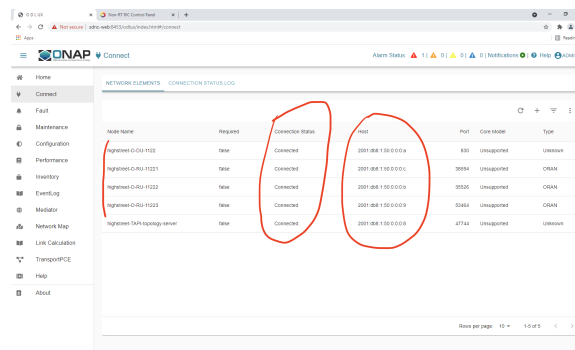
List of docker containers

The list of docker containers which are running can be seen in the below picture:

[illegible]

ODLUX GUI

The topology simulated consists of an O-DU exposing the o-ran-sc-hello-world.yang and 3 O-RUs exposing the O-RAN FH YANG models from November 2020 train. The O-DU was connected using the VES pnrRegistration method, while the O-RUs are connected via NETCONF Call Home. We can see the NETCONF Servers are connected to the OAM-Controller via its ODLUX GUI, like in the below picture:



Fault Management

The O-DU and O-RUs are configured to send events to the SMO: O-DU sending VES Fault Notifications, while the O-RUs send faults via NETCONF Notifications. The below picture shows the events as captured by the OAM-Controller:



CLA use case demo with PHY-STUB and SMO

This video contains demo of CLA use case with O-DU-HIGH using PHY-STUB and SMO.



CLA_use_case_w...D_Release.mp4