

## **OAI Configurations**

Network Core (CN5G) Settings defined in:

- Config.yaml – Important for identifying/defining UE IPs.
  - DNN configuration is changed to add UE IPs
- Docker-compose.yaml – All IP routing done in the oai-ext-dn container settings in this file.
  - Oai-ext-dn container, specifically entrypoints was changed to route the UE IP addresses.
- Oai\_db.sql – Important for UE Authentication. Whenever there is a new UE device, a new entry in this section must be made.
  - Authentication Subscription must be modified (entries added) per UE device.

gNB Settings defined in:

- gnb.sa.band78.fr1.106PRB.usrpb210.conf – defines gNB settings.
  - PLMN (mcc and mnc) must be changed to test values.
  - AMF IP address & gNB IP address must be changed to match docker-compose AMF address and OAI address (ip a).
- cu\_gnb.conf – defines Central Unit (CU) settings.
  - PLMN (mcc and mnc) must be changed to test values.
  - AMF IP address & gNB IP address must be changed to match docker-compose AMF address and OAI address (ip a)
- du\_gnb.conf – defines Distributed Unit (DU) settings.
  - PLMN (mcc and mnc) must be changed to test values.