

xApp testing for D Release

Anomaly Detection use case (AD, QP, and TS xApp)

The anomaly detection use case exercises the nearRT-RIC platform, E2 simulator (Viavi) and the following xApps:

- KPIMON (Samsung)
- AD (HCL)
- QP (HCL)
- TS (Alexandre Huff - Parana Univ, Brazil)



In the D Release, we are lacking a E2 Simulator that implements the E2SM KPM 2.0.3, so the test case can only be tested starting from the inFlux DB. The AD xApp repo includes scripts for populating the inFlux DB with data from Viavi E2 simulator.

RIC benchmarking - Bouncer xApp

Details on testing the Bouncer xApp can be found on the dedicated wiki page [here](#)

Load prediction - LP xApp

It's an initial release of the LP xApp in the D release so just refer to the release notes for instructions on installation/testing. We will add a load prediction AI /ML algorithm to the xApp in the E release timeframe.

Anomaly Detection Use Case - (AD, QP, TS xApp's)

Anomaly Detection use case end to end flow(installation/Testing) for D release can be found on the dedicated wiki page [here](#)