# Data Collector v2.0 Client Integration

Steps to integrate DC 2.0 in QC base line 1.3.1:

**Pre-requisite** : Ensure that the QC label within the below Kai tag is, at a minimum, as written below or higher than that :

KAI tag  **: kaios\_jio\_quoin\_2\_5\_20180626\_R1\_ER1\_production**

CHIPSET **: MSM8905.LF.1.3.1**META ID **: MSM8905.LF.1.3.1-13124-STD.PROD-1**

CAF TAG **: LF.BR.1.2.8.c2-08800-8x09.0-1**  
MODEM TAG **: r13124.1**

If not, please report to respective PM.

**You may apply this in higher version of QC releases (i.e. 1.3.\*) in 1.3 base line. But we have applied in QC baseline release mentioned above.**

**Precondition**:

Two repositories **definitely** need to be synced to enable Metrics Daemon, If not present in ODM build/Tag -

<project name="metrics" path="services/metrics" remote="quoin"

revision="refs/tags/kaios\_jio\_quoin\_2\_5\_20180626\_R1\_ER1\_production"/>

<project name="rust-toolchain" path="prebuilts/rust" remote="quoin"

revision="refs/tags/kaios\_jio\_quoin\_2\_5\_20180626\_R1\_ER1\_production"/>

**Steps:**

1. Apply the following patches to integrate modem client (Attached here)
2. Apply - ‘0001-M0062427-Implemented-RJIL-Data-Collector.patch’ in path ***vendor/qcom/proprietary***.



1. Apply below patch at path: ***system/core***

<https://github.com/kaiostech/platform_system_core/commit/c30d1b4202dccd4243755226085cb6eaecc8b86a>

1. Apply patch “0001-M0070945-Allow-DC-to-connect-with-metrics-daemon.patch” at path: ***gonk-misc/sepolicy***.



1. An ADB property has been introduced to turned ON/OFF DC2.0 feature on the device.

ODM **needs to define below mentioned property** in the product to enable DC2.0.

ADB property : *persist.radio.dc.enabled*

1 - means enable data collector client

0 - means disable data collector client

**Set the default value** of *persist.radio.dc.enabled* to **1**

1. The ADB property, *persist.radio.oem\_ind\_to\_both* should be set as below

*ADB property : persist.radio.oem\_ind\_to\_both*

*true - Means collect event data twice*

*false - means collect event data once*

*Set the default value of persist.radio.oem\_ind\_to\_both to* ***false***

Please do a CLEAN BUILD to ensure no compilation/linking errors for this feature