**tx\_records table analysis:**

**Found in wipay:** [used to insert, update and select]

src\com\wicore\wipay\utility\SMSBillUtility.java (6 hits)

**Found in cbm:** [used to insert and update]

src\com\wicore\cbqueue\utils\SMSBillUtility.java (2 hits)

src\com\wicore\cbqueue\utils\ViSMSBillUtility.java (2 hits)

**Found in WiPayAdmin:** [Only for selection]

jsp\admin\reports\req\_res\_db.jsp (2 hits)

jsp\admin\reports\req\_res\_db\_pdfCsv.jsp (1 hit)

jsp\admin\reports\req\_res\_db\_pdfCsv\_initiated.jsp (1 hit)

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**No. of records storing in the table:**

2022-04-26 = 1, 51,779

2022-04-25 = 150964

2022-04-25 = 150545

Average records storing per day is 1, 51,096

Total records = 44, 58, 89,717

Min timestamp = 6/10/2020 2:17:49 PM

Max timestamp = 4/27/2022 12:21:46 PM (current date).

Current occupied storage in the database is 113.46 GB.

**CBM Analysis:**

1. Here in ViSMSBillUtility.java there are two methods where tx\_records table is used - one is insertTxRecords() & other one is updateTxRecords().

* Here insertTxRecords() called in ViOffnetThread.java class to insert the records.
* Here updateTxRecords() is not called anywhere in the program.

1. Here in SMSBillUtility.java there are two methods where tx\_records table is used - one is insertTxRecords() & other one is updateTxRecords().

* Here insertTxRecords() called in IdeaOffnetThread.java class and Idea54767PSMSRequestThread.java class to insert the records.
* Here updateTxRecords() called in Idea54767PSMSRequestThread.java class to update records.

**WiPay Analysis:**

In SMSBillUtility.java, there are four methods where tx\_records table is used - isAllowRequest(), insertTxRecords(), updateTxRecords() and updateTxRecordsOnPrice().

* Here isAllowRequest() is called in the same class SMSBillUtility.java in another method validateParams(), to check a condition by writing a select query whether the request is a duplicate request.
* Here insertTxRecords() is called in VodafoneBillingProcessor.java class for Normal request. It is also called in SMSPostBillProcess.java and also called in BillS.java, Idea54767PSMSRequestThread.java and IdeaPSMSBillingThread.java to insert the records
* Here updateTxRecords() is called in SMSPostBillProcess.java, BillS.java, idea\_54767.java, Idea54767NotificationThread.java, Idea54767PSMSRequestThread.java and IdeaPSMSBillingThread.java to update the records.
* Here updateTxRecordsOnPrice() is called in VodafoneBillingProcessor.java class to update the prices.

**WiPayAdmin Analysis:**

* Here in WipayAdmin, we used this tx\_records to get some data in **miscellaneous reports -> Request Response Report 2.**
* Here req\_res.jsp class is used to display the report. But behind, this table is also used in req\_res\_db.jsp, req\_res\_db\_pdfCsv.jsp, req\_res\_db\_pdfCsv\_initiated.jsp only for selecting the current report.