**Flat to Raw process and failing on every Tuesday**

We analyzed the Flat to Raw flow step by step and checked the record counts for all the input files (9 file for APLU, AMS, ESCAN); it less than 1, 00,000 records for each file, so it won’t take more than 1 hour to complete the package.

Resolution:

1. To investigate and check some other jobs are running at that time
2. To log the execution details for every dataflow task in the package and store to text file or temp table
3. Run the SQL profiler and see the execution time and CPU usage as well.

**Flat to Raw flow:**

Step 1:

                Truncate the below table

* + RAW\_BOL
  + RAW\_CNTR
  + RAW\_CMD
  + RAW\_HZMT
  + RAW\_MAN
  + RAW\_PTY

Step 2:

                Load the data from FLAT file to RAW\_\* table

* + BOL\_\*\*\*.txt            RAW\_BOL
  + Delete all “AMS”  records from the RAW\_BOL table
  + Container\_\*\*\*.txt                                                       RAW\_CNTR
  + MANandNBRS\_\*\*\*.txt                                               RAW\_MAN
  + AlsoNotify\_\*\*\*.txt **&** Shipper\_\*\*\*.txt **&** Consignee\_\*\*\*.txt & Notify\_\*\*\*.txt                   RAW\_PTY
  + HAZMAT\_\*\*\*.txt                                                         RAW\_HZMT
  + Commodity\_\*\*\*.txt                                                    RAW\_CMD

Step 3:

                Update table RAW\_BOL with the column of vendor\_code and batch\_id value as ‘DIS’

Step 4:

                Remove duplicate MES and MMS BOL records

Step 5:

                Delete all the records in the below table with invalid bill flag is NULL from RAW\_BOL table

* + RAW\_CMD
  + RAW\_PTY
  + RAW\_CNTR
  + RAW\_MAN
  + RAW\_HZMT

Step 6:

                Update Max of BOL\_ID in the following table

* + RAW\_BOL
  + RAW\_CMD
  + RAW\_PTY
  + RAW\_CNTR
  + RAW\_MAN
  + RAW\_HZMT

Update sequence number in the table of RAW\_CMD

Step 7:

                Update the units, quantity, weight units and address for the table of RAW\_BOL, RAW\_PTY and RAW\_CMD with vendor code is “ESCAN”

Step 8: Archive the following tables

* + RAW\_BOL                           ARCHIVE\_RAW\_BOL
  + RAW\_CMD                         ARCHIVE\_ RAW\_CMD
  + RAW\_PTY                           ARCHIVE\_ RAW\_PTY
  + RAW\_CNTR                        ARCHIVE\_ RAW\_CNTR
  + RAW\_MAN                         ARCHIVE\_ RAW\_MAN
  + RAW\_HZMT                       ARCHIVE\_ RAW\_HZMT