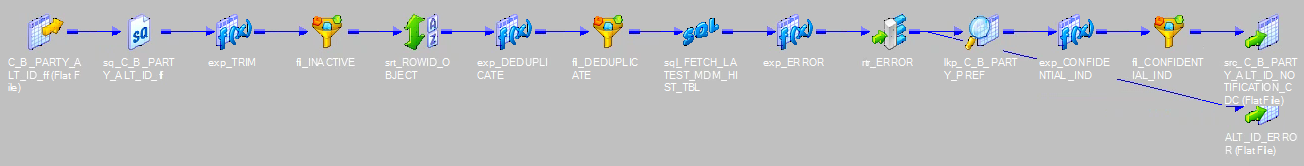
**7.1.5. wkf\_s\_m\_GPM\_NOTIFICATION\_PARTY\_ALT\_ID\_CDC**

**m\_GPM\_NOTIFICATION\_PARTY\_ALT\_ID\_CDC**

****

**m\_GPM\_NOTIFICATION\_PARTY\_ALT\_ID\_CDC\_WEB\_SERVICE**

****

**7.1.5.1. Maestro Job Details**

|  |  |
| --- | --- |
| **Job Name** | BEMD\_NOTIFICATON\_PARTY\_ALT\_ID\_GPM3 |
| **File Landing Location** | /work/infshared/GPM/Strategic/Source/NOTIFICATION/Inbound |
| **Data File Name** | CDC\_PARTY\_ALT\_ID.TXT |
| **Trigger File Name** | CDC\_NOTIFICATION.TRG |

**7.1.5.2. Power Center Workflow Properties**

|  |  |
| --- | --- |
| **Workflow Name** | wkf\_s\_m\_GPM\_NOTIFICATION\_PARTY\_ALT\_ID\_CDC |
| **Session Name** | s\_m\_GPM\_NOTIFICATION\_PARTY\_ALT\_ID\_CDC s s\_m\_GPM\_NOTIFICATION\_PARTY\_ALT\_ID\_CDC\_WEB\_SERVICE |
| **Parameter File Path and Name** | /work/infshared/GPM/Strategic/Paramfile/NOTIFICATION/  wkf\_s\_m\_GPM\_NOTIFICATION\_ALT\_ID\_CDC.prm |

**7.1.5.3. Mapping Specific Transformations**

1. **m\_GPM\_NOTIFICATION\_PARTY\_ALT\_ID\_CDC**

Following mapping specific transformations are needed in the Power center mapping. It may be changed/ modified later on based on the requirement change.

## SOURCE QUALIFIER

|  |  |
| --- | --- |
| **Transformation Name** | sq\_C\_B\_PARTY\_ALT\_ID\_ff |
| **Transformation Type** | Source Qualifier |
| **Transformation Description** | The Party CDC file received from BigData is sourced. |

## EXPRESSION TRANSFORMATION

|  |  |
| --- | --- |
| **Transformation Name** | exp\_TRIM |
| **Transformation Type** | Expression |
| **Transformation Description** | Used to remove trailing spaces from either side of each column of the records.  **e.g. LTRIM**(**RTRIM**(ROWID\_OBJECT)) |

## FILTER TRANSFORMATION

|  |  |
| --- | --- |
| **Transformation Name** | fil\_INACTIVE |
| **Transformation Type** | Filter |
| **Transformation Description** | Use to filter inactive records having HUB\_STATE\_IND=-1 |

## SORTER TRANSFORMATION

|  |  |
| --- | --- |
| **Transformation Name** | srt\_ROWID\_OBJECT |
| **Transformation Type** | Sorter |
| **Transformation Description** | The records are sorted on the basis of ROWID\_OBJECT and GPM\_ID in ascending order and on LAST\_UPDATE\_DT in descending. |

## EXPRESSION TRANSFORMATION

|  |  |
| --- | --- |
| **Transformation Name** | exp\_DEDUPLICATION |
| **Transformation Type** | Expression |
| **Transformation Description** | Flag is created to remove the duplicate records, if present. The deduplication logic is applied on the basis of ROWID\_OBJECT and GPM\_ID. |

## FILTER TRANSFORMATION

|  |  |
| --- | --- |
| **Transformation Name** | fil\_DEDUPLICATE |
| **Transformation Type** | Filter |
| **Transformation Description** | The duplicated records are being filtered out here. |

## SQL TRANSFORMATION

|  |  |
| --- | --- |
| **Transformation Name** | sql\_FETCH\_LATEST\_MDM\_HIST\_TBL |
| **Transformation Type** | SQL Transformation |
| **Transformation Description** | The ROWID\_OBJECT information is used to refer to the MDM Hist table: C\_B\_PARTY\_HIST to fetch the last updated record. |

## EXPRESSION TRANSFORMATION

|  |  |
| --- | --- |
| **Transformation Name** | exp\_ERROR |
| **Transformation Type** | Expression |
| **Transformation Description** | Flag is created in order to filter out those records whose old value in history table has a timestamp that is greater (newer) than that of the CDC Record Date timestamp.  **IIF**(LAST\_UPDATE\_DATE\_output<v\_LAST\_UPDATE\_DATE\_old,'N','Y') |

## ROUTER TRANSFORMATION

|  |  |
| --- | --- |
| **Transformation Name** | rtr\_ERROR |
| **Transformation Type** | ROUTER |
| **Transformation Description** | Two groups are created in router: ERROR and DEFAULT. The erroneous records are sent to ERROR group and the records which satisfies the condition are sent to DEFAULT group. |

#### LOOKUP TRANSFORMATION

|  |  |
| --- | --- |
| **Transformation Name** | lkp\_C\_B\_PARTY\_PREF |
| **Transformation Type** | Lookup |
| **Transformation Description** | The look up is done on C\_B\_PARTY\_PREF table to fetch PREF\_TP(as Confidential or DoNotSolicit) |

## EXPRESSION TRANSFORMATION

|  |  |
| --- | --- |
| **Transformation Name** | exp\_CONFIDENTIAL\_IND |
| **Transformation Type** | Expression |
| **Transformation Description** | A flag is created. All the active records with PREF\_TP as confidential or DoNotSolicit is set as ‘Y’ ,otherwise, ‘N’ is set. |

## FILTER TRANSFORMATION

|  |  |
| --- | --- |
| **Transformation Name** | fil\_CONFIDENTIAL\_IND |
| **Transformation Type** | Filter |
| **Transformation Description** | The records with FLAG value as ‘Y’(the confidential records) is filtered out. |

#### TARGET TRANSFORMATION

|  |  |
| --- | --- |
| **Transformation Name** | ALT\_ID\_ERROR |
| **Transformation Type** | Target Transformation |
| **Transformation Description** | The erroneous records from router are dumped here. |

#### TARGET TRANSFORMATION

|  |  |
| --- | --- |
| **Transformation Name** | src\_C\_B\_PARTY\_NOTIFICATION\_CDC |
| **Transformation Type** | Target Transformation |
| **Transformation Description** | All records are loaded into tgt\_C\_B\_PARTY\_NOTIFICATION\_CDC flat-file. |

1. **m\_GPM\_NOTIFICATION\_PARTY\_CDC\_WEB\_SERVICE**

Following mapping specific transformations are needed in the Power center mapping. It may be changed/ modified later on based on the requirement change.

#### A. SOURCE QUALIFIER

|  |  |
| --- | --- |
| **Transformation Name** | SQ\_C\_B\_PARTY\_ALT\_ID\_NOTIFICATION\_CDC |
| **Transformation Type** | Source Qualifier |
| **Transformation Description** | The target dump created in the previous mapping is used as source. |

#### B . EXPRESSION TRANSFORMATION

|  |  |
| --- | --- |
| **Transformation Name** | exp\_TRIM |
| **Transformation Type** | EXPRESSION |
| **Transformation Description** | The ROWID\_OBJECT is trimmed.  e.g. **LTRIM**(**RTRIM**(ROWID\_OBJECT)) |

## SORTER TRANSFORMATION

|  |  |
| --- | --- |
| **Transformation Name** | srt\_PARTY\_ID |
| **Transformation Type** | Sorter |
| **Transformation Description** | The srt\_PARTY\_ID is sorted. |

#### LOOKUP TRANSFORMATION

|  |  |
| --- | --- |
| **Transformation Name** | lkp\_PARTY\_ID\_ROLE\_DUMP |
| **Transformation Type** | Lookup |
| **Transformation Description** | The look up is done on target flat-file(created by m\_GPM\_NOTIFICATION\_PARTY\_ID\_DUMP mapping) to fetch ROLE\_SUB\_TP for corresponding PARTY\_ID. |

#### E. EXPRESSION TRANSFORMATION

|  |  |
| --- | --- |
| **Transformation Name** | exp\_SET\_DEFAULT |
| **Transformation Type** | Expression |
| **Transformation Description** | The mandatory fields are parameterized and passed further. |

#### F. WEB SERVICE CONSUMER TRANSFORMATION

|  |  |
| --- | --- |
| **Transformation Name** | web\_C\_B\_PARTY\_ALT\_ID |
| **Transformation Type** | Web service consumer transformation |
| **Transformation Description** | The files are transformed into a SOAP message and GPM Notification web service is called for each row in the file |

#### G. EXPRESSION TRANSFORMATION

|  |  |
| --- | --- |
| **Transformation Name** | exp\_OUTPUT\_WEB\_SERVICE |
| **Transformation Type** | Expression |
| **Transformation Description** | The concatenated output of the Web service consumer transformation is directed to the target through this expression. |

#### H. TARGET TRANSFORMATION

|  |  |
| --- | --- |
| **Transformation Name** | tgt\_C\_B\_PARTY\_NOTIFICATION |
| **Transformation Type** | Target Transformation |
| **Transformation Description** | All records are loaded into tgt\_C\_B\_PARTY\_NOTIFICATION flat-file. |

**7.1.5.4. PARAMETER DETAILS**

|  |  |  |
| --- | --- | --- |
| **Type** | **Name** | **Value** |
| Mapping Parameter | $$USERNAME | gpm3srvcsid\_d |
| $$PASSWORD | metlife1 |
| $$ENTITYUPDATE | ID |
| $$APPID | CCIANI |
| $$SOURCE | ML |
| $$ETL | ETL |