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## Version Control

|  |  |  |
| --- | --- | --- |
| Version | Description | Update by |
| 1.0 | First draft | Anand |
|  |  |  |
|  |  |  |

## Flow Diagram:

DID\_GMS\_11\_NRMA\_MEMBER\_DATA\_EXPORT

DID\_GFS\_0\_GFS\_CP\_CSN\_TO\_GFS

DID\_GFS\_01\_GFS\_AUTO\_CHECK\_DB\_CONNECT

DID\_GFS\_02\_GFS\_TABLE\_CREATION\_SCRIPT

DID\_GFS\_03\_GFS\_Load\_XX\_SBL\_REF

DID\_GFS\_04\_GFS\_Load\_XX\_DATE\_REF

DID\_GFS\_05\_GFS\_Load\_XX\_MASK\_REF

DID\_GFS\_5.1\_GFS\_Load\_XX\_DATA\_MASKING\_TRANSLATE

DID\_GFS\_06\_GFS\_Create\_XX\_CUST\_ACCOUNT\_ID

DID\_GFS\_07\_GFS\_Create\_XX\_PARTY\_ID

DID\_GFS\_08\_GFS\_MULTI\_EXPORT\_PARENT\_JOB

DID\_GFS\_8.1\_GFS\_MULTI\_EXPORT\_CHILD\_JOB

DID\_GFS\_09\_GFS\_MULTIP\_IMPORT\_PARENT\_JOB

DID\_GFS\_9.1\_GFS\_MULTI\_IMPORT\_CHILD\_JOB

DID\_GFS\_08\_GFS\_MULTI\_EXPORT\_PARENT\_JOB

DID\_GFS\_10.0\_GFS\_CREATE\_MASKING\_PROC

DID\_GFS\_10\_GFS\_MASKING\_ATTRIBUTES

## Folder Structure:

All the code required to Prune and Mask should be placed in the following path **/backup/INNOVACX/GFS.** The same is attached with this document for deploying in the further environments.

|  |  |
| --- | --- |
| Folder Name | Purpose |
| bin | All the .sh files are placed in this folder |
| logs | All the .log files are placed in this folder |
| data | All the .csv files are placed in this folder |
| sql | All the .sql files are placed in this folder |
| par | All the .par files required for Export & Import of tables are placed in this folder |
| ctl | All the .ctl (sqlldr utility) files are placed in this folder |

## Criteria for Pruning:

A total of 19 tables (Listed below) will be Pruned after the successful execution of this cycle. The tables which fall under AP schema are pruned based on the CSN numbers shared by GMS. The CSN numbers will be shared in the EXTRACT\_MEMBER\_NO.csv file. The tables of GL and XLA schema are pruned based on the FROM\_DATE & TO\_DATE values passed through the DID\_GFS\_04\_Load\_XX\_DATE\_REF Jenkins job.

### 4.1 List of tables to be Pruned

|  |  |  |
| --- | --- | --- |
| Sno | Schema Name | Table Name |
| 1 | AR | HZ\_CUST\_ACCOUNTS |
| 2 | AR | HZ\_CUST\_ACCT\_SITES\_ALL |
| 3 | AR | HZ\_CUST\_SITE\_USES\_ALL |
| 4 | AR | HZ\_PARTIES |
| 5 | AR | HZ\_PARTY\_SITES |
| 6 | AR | RA\_CUSTOMER\_TRX\_ALL |
| 7 | AR | RA\_CUSTOMER\_TRX\_LINES\_ALL |
| 8 | AR | RA\_CUST\_TRX\_LINE\_GL\_DIST\_ALL |
| 9 | AR | AR\_CASH\_RECEIPTS\_ALL |
| 10 | AR | AR\_CASH\_RECEIPT\_HISTORY\_ALL |
| 11 | AR | AR\_PAYMENT\_SCHEDULES\_ALL |
| 12 | AR | AR\_RECEIVABLE\_APPLICATIONS\_ALL |
| 13 | GL | GL\_JE\_HEADERS |
| 14 | GL | GL\_JE\_LINES |
| 15 | GL | GL\_IMPORT\_REFERENCES |
| 16 | XLA | XLA\_AE\_HEADERS |
| 17 | XLA | XLA\_AE\_LINES |
| 18 | XLA | XLA\_DISTRIBUTION\_LINKS |
| 19 | XLA | XLA\_EVENTS |

## Logic for Masking

### 5.1 Logic for Non-Date Type Columns

Oracle SQL Translate function is used to mask the values.

**Actual String**: abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOPQRSTUVWXYZ0123456789

**Replacement**: String: zabycxdwevfugthsirjqkplonmZABYCXDWEVFUGTHSIRJQKPLONM2014365897

Eg 1:

Actual Value: Ebs

Masked Value: Caj

Eg2:

Actual Value: [abc@gmail.com](mailto:abc@gmail.com)

Masked Value: [zab@dgzeu.bhg](mailto:zab@dgzeu.bhg)

### 5.2 Logic for Date Type Columns:

A global parameter ‘DID\_Masking\_Date\_value’ has been created and will be passed to the [DID\_GFS\_10\_GFS\_MASKING\_ATTRIBUTES](http://goefjnk01.nrmasx.com.au/view/DID_GFS_E2E_LISTVIEW/job/DID_GFS_10_GFS_MASKING_ATTRIBUTES/) job. A numeric value has to be passed to this parameter. The value is treated as No of Days and will be subtracted from the values in the Date columns

Eg 1:

DID\_Masking\_Date\_value = 300

Actual Value: 23-OCT-2018

Masked Value: 27-DEC-2017

Eg 2:

DID\_Masking\_Date\_value = 450

Actual Value: 12-JUN-2018

Masked Value: 19-MAR-2017

#### 5.2.1 List of Attributes to be Masked

|  |  |
| --- | --- |
| **Table Name** | **Column Name** |
| AR.RA\_CONTACTS | LAST\_NAME |
| AR.RA\_CONTACTS | CONTACT\_KEY |
| AR.RA\_CONTACTS | CONTACT\_PERSONAL\_INFORMATION |
| AR.RA\_CONTACTS | DEPARTMENT\_CODE |
| AR.RA\_CONTACTS | DEPARTMENT |
| AR.HZ\_PARTIES | PARTY\_NUMBER |
| AR.HZ\_PARTIES | PARTY\_NAME |
| AR.HZ\_PARTIES | PERSON\_FIRST\_NAME |
| AR.HZ\_PARTIES | PERSON\_MIDDLE\_NAME |
| AR.HZ\_PARTIES | PERSON\_LAST\_NAME |
| AR.HZ\_PARTIES | PERSON\_IDENTIFIER |
| AR.HZ\_PARTIES | ADDRESS1 |
| AR.HZ\_PARTIES | ADDRESS2 |
| AR.HZ\_PARTIES | ADDRESS3 |
| AR.HZ\_PARTIES | ADDRESS4 |
| AR.HZ\_PARTIES | POSTAL\_CODE |
| AR.HZ\_PARTIES | EMAIL\_ADDRESS |
| AR.HZ\_PARTIES | SALUTATION |
| AR.HZ\_PARTIES | PERSON\_PRE\_NAME\_ADJUNCT |
| AR.HZ\_PARTIES | PERSON\_TITLE |
| AR.HZ\_PARTIES | PRIMARY\_PHONE\_AREA\_CODE |
| AR.HZ\_PARTIES | PRIMARY\_PHONE\_NUMBER |
| AR.HZ\_PARTIES | ORGANIZATION\_NAME\_PHONETIC |
| AR.HZ\_PARTIES | PERSON\_FIRST\_NAME\_PHONETIC |
| AR.HZ\_PARTIES | PERSON\_LAST\_NAME\_PHONETIC |
| AR.HZ\_PARTIES | URL |
| AR.HZ\_LOCATIONS | ADDRESS1 |
| AR.HZ\_LOCATIONS | ADDRESS\_LINES\_PHONETIC |
| AR.HZ\_LOCATIONS | ADDRESS2 |
| AR.HZ\_LOCATIONS | ADDRESS3 |
| AR.HZ\_LOCATIONS | POSTAL\_CODE |
| AR.HZ\_PARTY\_SITES | MAILSTOP |
| AR.HZ\_CONTACT\_POINTS | CONTACT\_POINT\_TYPE |
| AR.HZ\_CONTACT\_POINTS | PHONE\_AREA\_CODE |
| AR.HZ\_CONTACT\_POINTS | PHONE\_COUNTRY\_CODE |
| AR.HZ\_CONTACT\_POINTS | PHONE\_NUMBER |
| AR.HZ\_CONTACT\_POINTS | PHONE\_EXTENSION |
| AR.HZ\_CONTACT\_POINTS | PHONE\_LINE\_TYPE |
| AR.HZ\_CONTACT\_POINTS | EMAIL\_ADDRESS |
| AP.AP\_SUPPLIERS | VENDOR\_NAME |
| AP.AP\_SUPPLIER\_SITES\_ALL | ADDRESS\_LINE1 |
| AP.AP\_SUPPLIER\_SITES\_ALL | ADDRESS\_LINES\_ALT |
| AP.AP\_SUPPLIER\_SITES\_ALL | ADDRESS\_LINE2 |
| AP.AP\_SUPPLIER\_SITES\_ALL | ADDRESS\_LINE3 |
| AP.AP\_SUPPLIER\_SITES\_ALL | ZIP |
| AP.AP\_SUPPLIER\_SITES\_ALL | PHONE |
| AP.AP\_SUPPLIER\_SITES\_ALL | CUSTOMER\_NUM |
| AP.AP\_SUPPLIER\_SITES\_ALL | SHIP\_VIA\_LOOKUP\_CODE |
| AP.AP\_SUPPLIER\_SITES\_ALL | FAX |
| AP.AP\_SUPPLIER\_SITES\_ALL | FAX\_AREA\_CODE |
| AP.AP\_SUPPLIER\_SITES\_ALL | AREA\_CODE |
| AP.AP\_SUPPLIER\_SITES\_ALL | EMAIL\_ADDRESS |
| HR.PER\_ALL\_PEOPLE\_F | EMAIL\_ADDRESS |
| HR.PER\_ALL\_PEOPLE\_F | EMPLOYEE\_NUMBER |
| HR.PER\_ALL\_PEOPLE\_F | EXPENSE\_CHECK\_SEND\_TO\_ADDRESS |
| HR.PER\_ALL\_PEOPLE\_F | FAST\_PATH\_EMPLOYEE |
| HR.PER\_ALL\_PEOPLE\_F | FIRST\_NAME |
| HR.PER\_ALL\_PEOPLE\_F | LAST\_NAME |
| HR.PER\_ALL\_PEOPLE\_F | GLOBAL\_NAME |
| HR.PER\_ALL\_PEOPLE\_F | LOCAL\_NAME |
| HR.PER\_ALL\_PEOPLE\_F | FTE\_CAPACITY |
| HR.PER\_ALL\_PEOPLE\_F | FULL\_NAME |
| HR.PER\_ALL\_PEOPLE\_F | NATIONALITY |
| HR.PER\_ALL\_PEOPLE\_F | NATIONAL\_IDENTIFIER |
| HR.PER\_ALL\_PEOPLE\_F | DATE\_OF\_DEATH |
| HR.PER\_ALL\_PEOPLE\_F | DATE\_OF\_BIRTH |
| HR.PER\_ADDRESSES | ADDRESS\_LINE1 |
| HR.PER\_ADDRESSES | ADDRESS\_LINE2 |
| HR.PER\_ADDRESSES | ADDRESS\_LINE3 |
| HR.PER\_ADDRESSES | ADDRESS\_TYPE |
| HR.PER\_ADDRESSES | POSTAL\_CODE |
| HR.PER\_ADDRESSES | REGION\_1 |
| HR.PER\_ADDRESSES | REGION\_2 |
| HR.PER\_ADDRESSES | REGION\_3 |
| HR.PER\_ADDRESSES | TELEPHONE\_NUMBER\_1 |
| HR.PER\_ADDRESSES | TELEPHONE\_NUMBER\_2 |
| HR.PER\_ADDRESSES | TELEPHONE\_NUMBER\_3 |
| HR.PER\_CONTACT\_RELATIONSHIPS | CONTACT\_TYPE |
| HR.PER\_CONTACT\_RELATIONSHIPS | PRIMARY\_CONTACT\_FLAG |
| HR.PER\_PHONES | PHONE\_TYPE |
| HR.PER\_PHONES | PHONE\_NUMBER |
| JTF.JTF\_RS\_GROUPS\_B | GROUP\_NUMBER |
| JTF.JTF\_RS\_GROUPS\_B | START\_DATE\_ACTIVE |
| JTF.JTF\_RS\_GROUPS\_B | END\_DATE\_ACTIVE |
| JTF.JTF\_RS\_GROUPS\_B | EMAIL\_ADDRESS |
| JTF.JTF\_TASK\_CONTACTS | CONTACT\_TYPE\_CODE |
| JTF.JTF\_SOURCES\_ALL | ROLE\_COL\_NAME |
| JTF.JTF\_SOURCES\_ALL | GROUP\_COL\_NAME |

## Data Files

All the Input files has to be available in the **/backup/INNOVACX/GFS/data** path.

|  |  |
| --- | --- |
| **File Name** | **Source** |
| EXTRACT\_MEMBER\_NO.csv | Upon successful execution of the DID\_GFS\_0\_CP\_CSN\_TO\_GFS job this file will get copied from GMS to GFS. This file consists of the CSN numbers identified by GMS and will be used to Prune AR tables |
| Load\_XX\_DATA\_MASKING\_TRANSLATE.csv | It should be available after Code Movement |
| Load\_XX\_DATE\_REF.csv | Upon successful execution of the DID\_GFS\_04\_Load\_XX\_DATE\_REF job this file will be created. This file consists of the values for FROM DATE & TO DATE which are used to prune GL & XLA tables |
| Load\_XX\_MASK\_REF.csv | It should be available after Code Movement. All the columns which are need to be masked are in this file. The FLAG should be set to ‘N’ if any of these columns are need to be excluded from masking |

## Jenkins Parameters

### 7.1 Global Parameters

These are mandatory for all the jobs. Jenkins Admin could only set these values.

|  |  |
| --- | --- |
| **Parameter Name** | **Expected Value** |
| DIDGFSREMOTEUSER | Remote Server username |
| DIDGFSREMOTEKEY | Remote Server Key |
| DIDGFSHOSTNAME | Remote Server Name |
| DIDGFSDBUSER | DB Username (Should be NRMADID) |
| DIDGFSPWD | DB Password |
| DIDGFSDBCONSTR | DB Name |
| DID\_GFS\_BIN\_PATH | The path of bin folder |
| DID\_GFS\_CTL\_PATH | The path of ctl folder |
| DID\_GFS\_DATA\_PATH | The path of data folder |
| DID\_GFS\_ENV\_PROF\_PATH | The path of the bash profile |
| DID\_GFS\_LOG\_PATH | The path of log folder |
| DID\_GFS\_PAR\_PATH | The path of par folder |
| DID\_GFS\_SQL\_PATH | The path of sql folder |
| DID\_Masking\_Date\_value | A numeric value that needs to be used to subtract from DATE type columns as part of masking |

### 7.2 Local Parameters

|  |  |  |
| --- | --- | --- |
| **Parameter Name** | **Expected Value** | **Job Name** |
| FROM\_DATE | A date value in the following format - DD-MON-YYYY | DID\_GFS\_04\_Load\_XX\_DATE\_REF |
| TO\_DATE | A date value in the following format - DD-MON-YYYY | DID\_GFS\_04\_Load\_XX\_DATE\_REF |
| EXPORTPARFILE | Export Par file name | DID\_GFS\_08\_MULTI\_EXPORT\_PARENT\_JOB |
| V\_PARALLEL | A numeric value which defines the value for the PARALLEL parameter in expdp | DID\_GFS\_8.1\_MULTI\_EXPORT\_CHILD\_JOB |
| IMPORTPARFILE | Import Par file name | DID\_GFS\_09\_MULTIP\_IMPORT\_PARENT\_JOB |
| V\_PARALLEL | A numeric value which defines the value for the PARALLEL parameter in expdp | DID\_GFS\_9.1\_MULTI\_IMPORT\_CHILD\_JOB |

## Jenkins Job Details

All the required jobs are available in the DID\_GFS\_E2E\_LISTVIEW in Jenkins. The complete details of each job are listed here under.

|  |  |
| --- | --- |
| Job Name | DID\_GFS\_0\_CP\_CSN\_TO\_GFS |
| Input | DIDGFSREMOTEKEY, DIDGFSREMOTEUSER, DIDGFSHOSTNAME, DID\_GFS\_BIN\_PATH, DIDGFSDBUSER, DIDGFSPWD, DIDGFSDBCONSTR |
| Output | If success copies the **EXTRACT\_MEMBER\_NO.csv** file to the given location.  Else Prints 1 |
| Purpose | It copies the file from GMS which consists of the identified CSN numbers. The data will be retained only for the numbers listed in this file in all the AR tables. |
| Dependency | This job will be invoked upon successful execution of DID\_GMS\_11\_NRMA\_MEMBER\_DATA\_EXPORT |

|  |  |
| --- | --- |
| Job Name | DID\_GFS\_01\_AUTO\_CHECK\_DB\_CONNECT |
| Input | DIDGFSREMOTEKEY, DIDGFSREMOTEUSER, DIDGFSHOSTNAME, DID\_GFS\_BIN\_PATH, DIDGFSDBUSER, DIDGFSPWD, DIDGFSDBCONSTR, DID\_GFS\_LOG\_PATH, DID\_GFS\_ENV\_PROF\_PATH |
| Output | Prints ‘0’ if success ‘1’ if fails |
| Purpose | This script will checks whether the given DB is UP or DOWN |
| Dependency | This job will be invoked upon successful execution of DID\_GFS\_0\_GFS\_CP\_CSN\_TO\_GFS |

|  |  |
| --- | --- |
| Job Name | DID\_GFS\_02\_TABLE\_CREATION\_SCRIPT |
| Input | DIDGFSREMOTEKEY, DIDGFSREMOTEUSER, DIDGFSHOSTNAME, DID\_GFS\_BIN\_PATH, DIDGFSDBUSER, DIDGFSPWD, DIDGFSDBCONSTR, DID\_GFS\_LOG\_PATH, DID\_GFS\_ENV\_PROF\_PATH, DID\_GFS\_SQL\_PATH |
| Output | Prints ‘0’ if success ‘1’ if fails |
| Purpose | This script will creates the temporary tables  1. xx\_sbl\_ref 2. xx\_date\_ref 3. xx\_mask\_ref 4. xx\_data\_masking\_translate |
| Dependency | This job will be invoked upon successful execution of DID\_GFS\_02\_GFS\_TABLE\_CREATION\_SCRIPT |

|  |  |
| --- | --- |
| Job Name | DID\_GFS\_03\_Load\_XX\_SBL\_REF |
| Input | DIDGFSREMOTEKEY, DIDGFSREMOTEUSER, DIDGFSHOSTNAME, DID\_GFS\_BIN\_PATH, DIDGFSDBUSER, DIDGFSPWD, DIDGFSDBCONSTR, DID\_GFS\_LOG\_PATH, DID\_GFS\_ENV\_PROF\_PATH, DID\_GFS\_CTL\_PATH |
| Output | Prints ‘0’ if success ‘1’ if fails |
| Purpose | This script will loads the data in the **EXTRACT\_MEMBER\_NO.csv** file to XX\_SBL\_REF table. This is the file copied from GMS to GFS in the job DID\_GFS\_0\_GFS\_CP\_CSN\_TO\_GFS |
| Dependency | This job will be invoked upon successful execution of DID\_GFS\_02\_GFS\_TABLE\_CREATION\_SCRIPT |

|  |  |
| --- | --- |
| Job Name | DID\_GFS\_04\_Load\_XX\_DATE\_REF |
| Input | DIDGFSREMOTEKEY, DIDGFSREMOTEUSER, DIDGFSHOSTNAME, DIDGFSDBUSER, DIDGFSPWD, DIDGFSDBCONSTR, DID\_GFS\_LOG\_PATH, DID\_GFS\_DATA\_PATH,DID\_GFS\_BIN\_PATH, DID\_GFS\_CTL\_PATH, DID\_GFS\_ENV\_PROF\_PATH , V\_FROM\_DATE, V\_TO\_DATE  V\_FROM\_DATE: Expects a DATE value. Ideally in the following format DD-MON-YYYY. The values provided here will be used to Prune the GL & XLA tables  V\_TO\_DATE: Expects a DATE value. Ideally in the following format DD-MON-YYYY. The values provided here will be used to Prune the GL & XLA tables |
| Output | Prints ‘0’ if success ‘1’ if fails |
| Purpose | This script will captures the data provided in the FROM\_DATE & TO\_DATE parameters and will pass them to Load\_XX\_DATE\_REF.csv  File and loads the same values into the XX\_DATE\_REF table |
| Dependency | This job will be invoked upon successful execution of DID\_GFS\_03\_GFS\_Load\_XX\_SBL\_REF |

|  |  |
| --- | --- |
| Job Name | DID\_GFS\_05\_Load\_XX\_MASK\_REF |
| Input | DIDGFSREMOTEKEY, DIDGFSREMOTEUSER, DIDGFSHOSTNAME, DIDGFSDBUSER, DIDGFSPWD, DIDGFSDBCONSTR, DID\_GFS\_LOG\_PATH, DID\_GFS\_DATA\_PATH, DID\_GFS\_BIN\_PATH, DID\_GFS\_CTL\_PATH, DID\_GFS\_ENV\_PROF\_PATH , V\_FROM\_DATE, V\_TO\_DATE |
| Output | Prints ‘0’ if success ‘1’ if fails |
| Purpose | This script will loads the data in the Load\_XX\_MASK\_REF.csvfile to XX\_MASK\_REF table. Load\_XX\_MASK\_REF.csv file consists of the attributes which are selected to be masked. This file will be copied as part of the Code Movement which is mentioned in the Release notes - > OS Level Activities -> #5 |
| Dependency | This job will be invoked upon successful execution of DID\_GFS\_04\_GFS\_Load\_XX\_DATE\_REF |

|  |  |
| --- | --- |
| Job Name | DID\_GFS\_06\_Create\_XX\_CUST\_ACCOUNT\_ID |
| Input | DIDGFSREMOTEKEY, DIDGFSREMOTEUSER, DIDGFSHOSTNAME, DIDGFSDBUSER, DIDGFSPWD, DIDGFSDBCONSTR, DID\_GFS\_LOG\_PATH, DID\_GFS\_BIN\_PATH, DID\_GFS\_ENV\_PROF\_PATH |
| Output | Prints ‘0’ if success ‘1’ if fails |
| Purpose | This script will creates XX\_CUST\_ACCOUNT\_ID table along with the required data by joining with the XX\_SBL\_REF (SIEB\_CSN) and HZ\_CUST\_ACCOUNTS(ATTRIBUTE2) |
| Dependency | This job will be invoked upon successful execution of DID\_GFS\_05\_GFS\_Load\_XX\_MASK\_REF |

|  |  |
| --- | --- |
| Job Name | DID\_GFS\_07\_Create\_XX\_PARTY\_ID |
| Input | DIDGFSREMOTEKEY, DIDGFSREMOTEUSER, DIDGFSHOSTNAME, DIDGFSDBUSER, DIDGFSPWD, DIDGFSDBCONSTR, DID\_GFS\_LOG\_PATH, DID\_GFS\_BIN\_PATH, DID\_GFS\_ENV\_PROF\_PATH |
| Job Output | Prints ‘0’ if success ‘1’ if fails |
| Purpose | This script will creates XX\_PARTY\_ID table along with the required data by joining with the XX\_CUST\_ACCOUNT\_ID (CUST\_ACCOUNT\_ID) and HZ\_CUST\_ACCOUNTS(CUST\_ACCOUNT\_ID) |
| Dependency | This job will be invoked upon successful execution of DID\_GFS\_06\_GFS\_Create\_XX\_CUST\_ACCOUNT\_ID |

|  |  |
| --- | --- |
| Job Name | DID\_GFS\_08\_MULTI\_EXPORT\_PARENT\_JOB (Multi-config job will have a child job) |
| Input | EXPORTPARFILE: Par file names of the respective tables which are need to be exported |
| Job Output | Prints ‘0’ if success ‘1’ if fails |
| Purpose | By Leveraging the EXPDP utility and Pruning conditions all the 19 identified tables would be exported |
| Dependency | This job will be invoked upon successful execution of DID\_GFS\_07\_GFS\_Create\_XX\_PARTY\_ID |

|  |  |
| --- | --- |
| Job Name | DID\_GFS\_8.1\_MULTI\_EXPORT\_CHILD\_JOB (Multi-config job will have a Parentjob) |
| Input | DIDGFSREMOTEKEY, DIDGFSREMOTEUSER, DIDGFSHOSTNAME, DIDGFSDBUSER, DIDGFSPWD, DIDGFSDBCONSTR, DID\_GFS\_BIN\_PATH, DID\_GFS\_ENV\_PROF\_PATH  EXPORTPARFILE: Par file names of the respective tables which are need to be exported. This will be passed through its parent job  V\_PARALLEL: The value for the parallel parameter |
| Job Output | Prints ‘0’ if success ‘1’ if fails |
| Purpose | By Leveraging the EXPDP utility and Pruning conditions all the 19 identified tables would be exported |
| Dependency | This job will be invoked upon successful execution of DID\_GFS\_08\_GFS\_MULTI\_EXPORT\_PARENT\_JOB |

|  |  |
| --- | --- |
| Job Name | DID\_GFS\_09\_MULTIP\_IMPORT\_PARENT\_JOB (Multi-config job will have a child job) |
| Input | IMPORTPARFILE: Par file names of the respective tables which are need to be imported |
| Job Output | Prints ‘0’ if success ‘1’ if fails |
| Purpose | By Leveraging the IMPDP utility all the 19 identified tables would be imported |
| Dependency | This job will be invoked upon successful execution of DID\_GFS\_8.1\_GFS\_MULTI\_EXPORT\_CHILD\_JOB |

|  |  |
| --- | --- |
| Job Name | DID\_GFS\_9.1\_MULTI\_IMPORT\_CHILD\_JOB (Multi-config job will have a Parentjob) |
| Input | DIDGFSREMOTEKEY, DIDGFSREMOTEUSER, DIDGFSHOSTNAME, DIDGFSDBUSER, DIDGFSPWD, DIDGFSDBCONSTR, DID\_GFS\_BIN\_PATH, DID\_GFS\_ENV\_PROF\_PATH  IMPORTPARFILE: Par file names of the respective tables which are need to be imported. This will be passed through its parent job  V\_PARALLEL: Expects a numeric value. The value for the parallel parameter |
| Job Output | Prints ‘0’ if success ‘1’ if fails |
| Purpose | By Leveraging the IMPDP utility all the 19 identified tables would be imported |
| Dependency | This job will be invoked upon successful execution of DID\_GFS\_09\_GFS\_MULTIP\_IMPORT\_PARENT\_JOB |

|  |  |
| --- | --- |
| Job Name | DID\_GFS\_10.0\_CREATE\_MASKING\_PROC |
| Input | DIDGFSREMOTEKEY, DIDGFSREMOTEUSER, DIDGFSHOSTNAME, DIDGFSDBUSER, DIDGFSPWD, DIDGFSDBCONSTR, DID\_GFS\_LOG\_PATH, DID\_GFS\_BIN\_PATH, DID\_GFS\_ENV\_PROF\_PATH |
| Job Output | Procedure will be created |
| Purpose | This script will create the MASKING\_PROCE procedure |
| Dependency | This job will be invoked upon successful execution of DID\_GFS\_9.1\_GFS\_MULTI\_IMPORT\_CHILD\_JOB |

|  |  |
| --- | --- |
| Job Name | DID\_GFS\_10\_MASKING\_ATTRIBUTES |
| Input | DIDGFSREMOTEKEY, DIDGFSREMOTEUSER, DIDGFSHOSTNAME, DID\_GFS\_BIN\_PATH, DIDGFSDBUSER, DIDGFSPWD, DIDGFSDBCONSTR, DID\_Masking\_Date\_value, DID\_GFS\_SQL\_PATH, DID\_GFS\_LOG\_PATH DID\_GFS\_ENV\_PROF\_PATH  DID\_Masking\_Date\_value: Expects numeric value. The value passed in this would be used to mask the Date type columns. Typically, the value is treated as no of days and will be subtracted from the value |
| Job Output | Procedure will be executed |
| Purpose | This script will execute the MASKING\_PROCE procedure which inturn will mask all the attributes marked as Y in the XX\_MASK\_REF.csv file |
| Dependency | No dependency as this is last job that will be executed in whole pipeline |