**DeCare Process:**

This process is to keep the accumulators in sync in ODS DB for DeCare system. WGS receives DeCare request in EBS layout and does all basic validations. If the validations are successful in EBS, then EBS will Insert/update in ODS DB. For successful execution, we will send status code and updated Accum details as response. For failure execution, we will send failure reason code along with the response fields to source systems. In response layout accums details will not be there in response area in failure case.

**Program level Process flow:**

GNCEBSRS is the EBS main drive module which interacts with ODS IO routine and sends the response back to the calling program.

* GNCSOIOS will execute only for subsidy plan
* Fetch the shadow accums from ODS shadow table
* Insert the input accums data in ODS shadow accum table
* UPDATE Delta Accums in ODS TOTAL and DTL
* UPDATE LQ and CO delta Accums in **SHADOW TOTAL** and **DTL TABLE**
* Delete and Rollback will be performed when invalid operation processed
* Membership validation done by using the module GNCMEMBS
* To get the benefit start date by using GNCONTSS
* Fetch the accums from ODS table
* Insert the input accums data in ODS table
* UPDATE Delta Accums in ODS TOTAL and DTL
* UPDATE LQ and CO delta Accums in **ODS TOTAL** and **DTL**
* Delete and Rollback will be performed when invalid operation processed

**WCXAACMS**

**GNCEBS2S**

(Validate member details)

**ODS ACCUM TOTAL TABLE**

**ODS ACCUM DEtail TABLE**

POPULATE RESPONSE

* Field type validation
* Input data validation
* Field relational validation

**GNCEBS1S**

(Validate input fields)

**GNCODIOS** (Processing delta accums)

**GNCEBSRS**

(EBS Driver)

ADD Member Accum

GET Member Accum

**GNCSOIOS** (Processing shadow accums)

**WCXGACMS**

**ODS SHADOW ACCUM DEtail TABLE**

**ODS SHADOW ACCUM TOTAL TABLE**

**Accum ODS DB**

**DECARE**

**REAL TIME**

**DeCare online process in detail:**

**GNCEBSRS:** GNCEBSRS is the EBS main drive module which interacts with ODS IO routine and sends the response back to the calling program.

**Add-Member-Accum:**

* Populate working storage key fields from input request
* Validate input data by calling GNCEBS1S
* Validate member by calling GNCEBS2S
* If all the input data /Member are valid and if the resend counter is greater than zero, then check for duplicate transaction by calling GNCODIOS using function GNCODIOS-GET-DTL-ACM-B9. If duplicate exists, stop processing in GNCEBSRS
* Set Member code by calling table base GNCSACMT
* Convert PPO to HMO Accum names
* Call Plan DB IO routine GNCPLIOS for comingled plan check
* Handle Embed and Non-Embed contracts by calling plan DB IO Routine GNCPLIOS for Individual and family Accums.
* By Calling GNCODIOS module to retrieve the over apply status code along with benefit total amount.
* If sum of input benefit detail amount (Request) and Benefit total amount retrieved from ODS DB is greater than benefit Max amount retrieved from plan DB, then over apply indicator will be set to “Y”.
* Insert detail records in detail table by calling GNCODIOS
* Update/insert records in total table by calling GNCODIOS
* Get LQCO Accum names by calling table base GNCSLQAT
* Insert detail records in detail table for LQCO Accum
* Update/Insert records in total table for LQCO Accums by calling GNCODIOS
* Rollback the Inserted/Updated records by calling GNCODIOS if DB is not available or error in inserting records or duplicate record exists or over apply indicator is “Y”.
* Status code and updated Accum details are sent as response. For failure execution, failure status code along with the response fields is sent to source systems. In failure case accums details will not be there in response area.

**Get-Member-Accum:**

* Populate working storage key fields from input request
* Validate input data by calling GNCEBS1S
* Validate member by calling GNCEBS2S
* Check member Embed indicator using PLAN DB IO routine GNCPLIOP
* Get the function to be performed by calling GNCODIOS (E.g.: A1, A2, A3)
* Use those functions and call GNCODIOS to get the Accum details for a member.
* Status code and current Accum details are sent as response based on functions.

E.g. **Functions**

1. GNCODIOS-GET-TOTL-ACM-A1

2. GNCODIOS-GET-TOTL-ACM-A2

* For failure execution, we will send failure reason code along with the response fields to source systems.

**Accum level Status:**

|  |  |
| --- | --- |
| Status code | Description |
| 01 | Success |
| 02 | Accum Not found |
| 05 | Success with over apply |

**Overall Status:**

|  |  |
| --- | --- |
| Status code | Description |
| 01 | Transaction completed Successfully |
| 02 | Accum Not Found |
| 05 | Success with Overapply |
| 20 | Member Not Found |
| 21 | DB unavailable |
| 22 | Mandatory Data Missing |
| 23 | Data Exception |
| 24 | Benefit Not Found |
| 25 | Contract Not found |
| 31 | Accum over-applied |

**DeCare Process:**

This process is to keep the accumulators in sync in ODS DB for DeCare system. WGS receives DeCare system files in mainframe and does all basic validations. If the validations are successful in EBS, then EBS will update in ODS DB. All the success and failed records are written in a file and sent back to source systems as response.

**Job level process flow:**

**Step1:** Allocate GSAM files

GNC94FNM

FTP Job to Receive the Request File from DeCare System

**Step2:** Executes Program GNC9430

This program will read the feed file from Legacy and generates response file after it updates the accum amount in ODS db.

GNC94DNM

**Step3:** Executes Program GNC9405

This Program Will Read EHB Response File And Generates Success And Failure Report Which Will Be Routed To Dispatch For DeCare.

GNC94TNM

FTP Job to send the Response File to DeCare System

**Step4:** Step will be executed only when the RC of STEP2 **is “8”**

This step is used to update the Transaction Id in header and trailer record as RESPONSE and to update the Pre File Audit status as ‘N’.

**Program level Process flow:**

**GNC9430**

(Driver Module)

**GNCEBSRS**

(EBS Driver)

**GNCEBS5S**

(Validate contract details)

UPDATE THE RECORDS IN **ODS TOTAL and DTL TBL**

UPDATE LQ and CO Accums in **ODS TOTAL and DTL TBL**

POPULATE RESPONSE FILE

**SECONDARY ACCUM** DERIVATION

**PRIMARY ACCUM VALIDATION**

**GNCOD08S** (Processing accums)

**GNCEBS4S**

(Validate input fields)

**DeCare process in detail:**

**GNC9430:** This program will read the feed file from DeCare system in EBS layout and generates response file after it updating the Accum amount in ODS DB. Below is the step by step process.

* Receives and reads DeCare file in EBS layout.
* Populate header fields and trailer fields.
* If claim source and Eligible source code is received as alphanumeric, it is converted to corresponding numeric source code using GNCSRCDT table base.
* Claim Src code – 892 (returns status code 32 for Source code invalid)
* Prod type – ‘DEN’ (returns status code 33 for product type invalid)
* Calls GNCEBSRS for detail record processing
* Writes the response layout to EBS Response Area.

**GNCEBSRS:** GNCEBSRS is the EBS main drive module which interacts with ODS IO routine and sends the response back to the calling program.

* Checks for claim source code as ‘DeCare’.
* GNCEBSRS will validate the input data fields by calling GNCEBS4S module.
* Also validates the contract data fields by calling the Benefit translational table (Contr\_Lev\_info Table) using GNCEBS5S module.
* For processing the records with valid contract, GNCOD08S module is called for processing the Accum.

**GNCOD08S:** This is a submodule for DeCare performing the below functionalities.

1. Primary Accum validation

2. Update the records in ODS TOTL and DTL DB

3. Checks if LQ is applicable and updates LQ and CO Accums in ODS TOTL and DTL DB

4. Secondary Accum derivation

5. Update the records in ODS TOTL and DTL DB

6. Checks if LQ is applicable and updates LQ and CO Accums in ODS TOTL and DTL DB

**Reference:**

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