**Release Notes: < IBC Group-Enrollment Inbound>**

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| **Overall Functionality** |  |
| **Edifecs**:   * EDIFECS to receive all Inbound EDI 834 files from IBC - Large groups and generate TA1, 999 Acknowledgment files. * EDIFECS to receive all Inbound DFF files from IBC – Small groups. * EDIFECS to convert the EDI into multiple XMLs based on Subscriptions and publish to Integration Layer message queue. * EDIFECS to convert the DFF into multiple XMLs based on Subscriptions and Integration Layer to load them into HRP.   **Integration**:   * Integration layers consume the input wrapper xml from the message queue for both IBC - Large groups small groups and do the business level transformations and then enroll the members into HRP system. | |
| |  |  | | --- | --- | | **Functionalities Covered in current release** |  | | |  |
| **Integration**:  To ensure that the Accumulator Carry Forward is carried out as expected when a member moves from one benefit plan to another benefit plan.  This is applicable only for Benefit Plan Type is Medical.  1) Member moving within the same Product Type (PPO to PPO, HMO to HMO, EPO to EPO, POS to POS, DPOS to DPOS) within the same top account, the accumulator (Accum amount) need to Carry Forward. This is achieved in HRP by setting the 'Claims History' Indicator as Carry Forward.  2) Member changing the Product Type within the same top account, the accumulator (Accum amount) needs to Restart. This is achieved in HRP by setting the 'Claims History' Indicator as Ignore.  3) Member changing the Top Account, the accumulator (Accum amount) needs to Restart. This is achieved in HRP by setting the 'Claims History' Indicator as Ignore.  (This is handled through config rules)  Claim History Indicator in HRP under the Benefit plan tab should be updated in HRP based on the defined Business rules. | |  |

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| **Modified Date** | **Version History** | **Comments/Highlights** |
| 15/March/2024  20/March/2024 | 1.0  1.1 | Initial Draft for both IBC - Large groups and Small groups.  Implemented Over Aged Dependent Changes. |
| 02/April/2024 | 1.2 | Subscriber address has to get passed to member address if we doesn’t receive Address details for dependents |
| 09/April/2024 | 1.3 | Large Group and Small Groups Stories related to Subaccount transfer, Benefit plan mapping and Coverage terminations |
| 18/April/2024 | 1.4 | Assigning a PCP/Dummy PCP or Retaining an existing PCP for an enrollment based on Dummy PCP assignment Rule. |
| 19/April/2024 | 1.5 | PCP Assignment story related to benefit plan change |
| 25/April/2024 | 1.6 | Subscription termination due to the death reason code. |
| 16/May/2024 | 1.7 | Accumulator Carry Forward |

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| **Functionalities Covered** |  |
| **Edifecs**:   * Edifecs converts the DFF Enrollment files received from IBC- Small groups into Multiple XMLs and sends to integration layer through the SQS queue[ibc-iplus-group-membership-adaptor-request-sit] for loading into HRP * Edifecs converts the EDI 834 Enrollment files received from IBC- Large groups into Multiple XMLs and sends to integration layer through the SQS queue[ibc-iplus-group-membership-adaptor-request-sit] for loading into HRP   **Integration**:   * Consume the wrapper input xml from the message queue published by Edifecs * Identify the member record in target system HRP using a predefined matching criterion so that eligibility data send across the file is updated against right member record in HRP. * capability to Invoke Health Rules Enrollment Sparse Service, so that the enrollment data can be processed in HRP. * Ability to re-instate a member based on information provided in custom eligibility file. * Ability to re-enroll a member who may have a lapse in coverage in HRP. * Ability to add a new member with an effective date in the past. * Ability to terminate (retro-term) a member who's coverage has ended on a date in the past. * Capability to store request and response in Advalent Integration+ so that the Enrollment file execution summary can be tracked. * Ability to generate Enrollment Summary report based on the enrollments loaded in HRP. | |

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| **Functionalities to be implemented** |  |
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| **Functionalities/Known Clarifications to be implemented** |  |
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| **Known Defects if any** |  |
| * Acknowledgement folder name creation issue from Edifecs for IBC - Large groups * Audit Entries updation issue for IBC – Small groups from Edifecs | |

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| **Business Process and Dependencies** |  |
| Edifecs and Integration+ services should be up and running. | |

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| **Environments** |  |
| **Source control:**  <https://gitlab.com/usthealthproof-ibc/products/integration-plus/applications/product-core/membership/business-adaptor/group-enrollment-xml-controller-adaptor>  **File Location Details:**   |  |  | | --- | --- | | **Artifacts** | **Location** | | **Edifecs Layer:** | | | EDI Input Location (IBC – Large groups) | //10.100.32.116/fsx/ibc/iplus/GroupEnrollments/EDIFECS/EDI | | DFF Input Location (IBC – Small groups) | //10.100.32.116/fsx/ibc/iplus/GroupEnrollments/EDIFECS/DFF | | EDI Output Location (IBC – Large groups) | 999:  //10.100.32.116/fsx/ibc/iplus/GroupEnrollments /SDS/999  TA1:  //10.100.32.116/fsx/ibc/iplus/GroupEnrollments/SDS/TA1 | | XML Output Location (IBC – Small groups) | //10.100.32.116/fsx/ibc/iplus/GroupEnrollments/IPLUS/XML | | LDNS Output Location (IBC – Small groups) | //10.100.32.116/fsx/ibc/iplus/GroupEnrollments/IPLUS/LDNS | | Report Location (IBC – Large groups & IBC – Small groups) | S3 Bucket:  ibc-edifecs-archive-sit | |  |  | | **Integration Layer:** |  | | Integration+ Input message queue | Queue Name: <https://us-east-1.console.aws.amazon.com/sqs/v3/home?region=us-east-1#/queues/https%3A%2F%2Fsqs.us-east-1.amazonaws.com%2F477514007949%2Fibc-iplus-group-membership-adaptor-request-sit> | | Archive Input and Output files | S3 Bucket: ibc-iplus-archive-sit  Full Path Details :   1. ibc-iplus-archive-sit/ENROLLMENT/group-enrollment-xml-controller-adaptor/../SDS/ 2. ibc-iplus-archive-sit/ENROLLMENT/group-enrollment-xml-controller-adaptor/../DART/ 3. ibc-iplus-archive-sit/ENROLLMENT/group-enrollment-xml-controller-adaptor/../ROAM/ 4. ibc-iplus-archive-sit/ENROLLMENT/group-enrollment-xml-controller-adaptor/../NG\_DM/ | | Group Enrollment Audit Report | \\10.100.32.116\fsx\ibc\iplus\ENROLLMENT\MembershipIntakeSummaryReport | | Integration Plus Application Logs | \\10.100.32.116\fsx\SIT\LOGS\ENROLLMENT | | Group Enrollment Audit Report Cron Job frequency | <TBD> | |  |  | | |

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| **Process Flow** |  |
| * Edifecs pick the input file and do the snip level validations (1,2,3) for IBC- Large groups EDI 834 files. * There is no snip level validations for IBC – Small groups DFF files * Convert it into wrapper input xml and then push into input message queue. * Integration+ service consume the payload and do the business level transformations. * Identify the member record in target system HRP using a predefined matching criteria with the help of HealthRules EnrollmentSparseLookUp Service. * Load the member details into HRP using HealthRules EnrollmentSparse Service. | |

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| **Health Edge Webservice Details** |  |
| * /connector/services/v4/EnrollmentSparseLookup * /connector/services/v4/EnrollmentSparse | |

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| **User Stories in the jira** |  |
| * <https://hps-ibc.atlassian.net/browse/IBC-4397> * <https://hps-ibc.atlassian.net/browse/IBC-4388> * <https://hps-ibc.atlassian.net/browse/IBC-4393> * <https://hps-ibc.atlassian.net/browse/IBC-4399> * <https://hps-ibc.atlassian.net/browse/IBC-4400> * <https://hps-ibc.atlassian.net/browse/IBC-4389> * <https://hps-ibc.atlassian.net/browse/IBC-4500> * <https://hps-ibc.atlassian.net/browse/IBC-4392> * <https://hps-ibc.atlassian.net/browse/IBC-4395> * <https://hps-ibc.atlassian.net/browse/IBC-4396> * <https://hps-ibc.atlassian.net/browse/IBC-4402> * <https://hps-ibc.atlassian.net/browse/IBC-4403> * <https://hps-ibc.atlassian.net/browse/IBC-4404> * <https://hps-ibc.atlassian.net/browse/IBC-4405> * <https://hps-ibc.atlassian.net/browse/IBC-4832> * <https://hps-ibc.atlassian.net/browse/IBC-4498> | |

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| **Initial Code Drop** |  |
| 15-Feb-2024 | |

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| **Next Code Drop** |  |
| 16-May-2024 | |

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| **Developer POC** |  |
| **Edifecs:**  **Developer**: NAGARAJAN M & Baburaj Pullikal  **Technical Lead:** MaheshThallapelly  **Integration:**  **Developers:** Mariya Shaju Thomas  **Technical Lead:** Philomin Jeny, John Thankaraj | |