Test Plan
RELEASE 1556

Benefits Cleanup Project

March 8, 2004
08:00 AM

Enterprise IT Services
Information Systems & Computing
Office of the President
University of California
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Testing Overview

This test plan addresses the test runs and cases constructed to verify the correct installation of Release 1556. The test is made up of the following components:

1. Control Table Data Base (CTL) Initial Load (LOADCTL)
2. Employee Data Base (EDB) Initial Load (LOADEDB)
3. Historical Premium Activity Load (LOADHPA)
4. EDB File Maintenance (EDBMAINT)
5. Employee Document Reporting (RUN750)
6. February MO Compute (CFEB04MO)
7. February B1 Compute (CFEB04B1)
8. February B2 Compute (CFEB04B2)
9. Employee Data Base (EDB) Load (LOADEDB2)
10. Monthly Carrier Reporting (RUN560)
11. Consolidated Billings Update (RUN561)
12. Consolidated Billings Reporting (RUN562)
13. Consolidated Billings Reporting (RUN563)
CONTROL TABLE (CTL) INITIAL LOAD (LOADCTL)

Description

This job loads the DB2 CTL database.

Verification

Ensure that the DB2 CTL has been successfully restored by verifying normal completion of the job and ensuring that all tables have been successfully loaded into the database. The members in PDS UDB2CTL already reflect the updates applied to the DB2 Control tables.
EMPLOYEE DATA BASE (EDB) INITIAL LOAD (LOADEDB)

Description

This job initially loads the EDB database.

Verification

In order to assure successful completion of this job, verify that the EDB has been successfully restored by verifying normal completion of the job and ensuring that all tables have been successfully loaded into the data base.
HISTORICAL PREMIUM ACTIVITY (HPA) INITIAL LOAD (LOADHPA)

Description

This job loads the HPA Tables for consolidated Billings testing.

Verification

In order to assure successful completion of this job, verify that the HPA has been successfully restored by verifying normal completion of the job and ensuring that all tables have been successfully loaded into the data base.
EDB File Maintenance (EDBMAINT)

Description

This job processes EDB File Maintenance transaction. Specifically, HE type transactions are processed to test changes made to the Data Element Table where medical plan codes of UC and PH are removed from the valid list of medical plan codes (EDB 0292). JD transactions are processed to test changes made to the Data Element table where legal plan code of J1 is removed from the list of valid legal plan codes (EDB 0353).

In addition, this job tests the appropriate setting of the suspended balances related to benefits.

Verification

Verify on the PPP1001 report for the following Employee IDs and its associated messages:

<table>
<thead>
<tr>
<th>NAME</th>
<th>PREPARED</th>
<th>ELEMNT</th>
<th>MESSAGE</th>
<th>VALUE</th>
<th>MESSAGE TEXT</th>
</tr>
</thead>
<tbody>
<tr>
<td>POWERS, VITO</td>
<td>02/01/04</td>
<td>0292-1 MEDICAL PLAN</td>
<td>08-638 3-WARNING CHANGING PLAN CED WITHOUT CHANGING PLAN</td>
<td>06-106</td>
<td>7-EMPL REJE FIELD OUT OF RANGE OR ILLEGAL</td>
</tr>
<tr>
<td>BEAN, JILL E</td>
<td>02/01/04</td>
<td>0292-1 MEDICAL PLAN</td>
<td>08-638 3-WARNING CHANGING PLAN CED WITHOUT CHANGING PLAN</td>
<td>06-106</td>
<td>7-EMPL REJE FIELD OUT OF RANGE OR ILLEGAL</td>
</tr>
<tr>
<td>ATTRICK, JERRY</td>
<td>02/01/04</td>
<td>0292-1 MEDICAL PLAN</td>
<td>08-638 3-WARNING CHANGING PLAN CED WITHOUT CHANGING PLAN</td>
<td>06-106</td>
<td>7-EMPL REJE FIELD OUT OF RANGE OR ILLEGAL</td>
</tr>
</tbody>
</table>

Verify on the PPP1800 report for the following Employee ID and its associated values:

Delta Dental (D1) (GTN 117) – Suspended balance should be set to zero.
Vision (VI) (GTN 240) – Suspended balance should be set to zero.
United Health Select EPO (SE) (GTN 317) – Suspended balance should be set to zero.
ARAG Legal (J2) (GTN 340) – Suspended balance should be set to zero.

<table>
<thead>
<tr>
<th>ID NBR</th>
<th>NUMBER DESCRIPTION</th>
<th>PREVIOUS CONTENT</th>
<th>CURRENT CONTENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>000050001</td>
<td>0158 HLTH DE-ENROL-X</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td></td>
<td>0159 DNTL-DE-ENROL-X</td>
<td>X</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ID NBR</th>
<th>NUMBER DESCRIPTION</th>
<th>PREVIOUS CONTENT</th>
<th>CURRENT CONTENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>0165</td>
<td>LEGL DE-ENROL-X</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>0187</td>
<td>VIS-DE-ENRL-X</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>0272</td>
<td>DENTAL PLAN</td>
<td>D1</td>
<td>XD</td>
</tr>
<tr>
<td>0273</td>
<td>DENTAL COVR</td>
<td>U</td>
<td></td>
</tr>
<tr>
<td>0274</td>
<td>DENTAL COV DATE</td>
<td>2003-07-01</td>
<td>2004-03-01</td>
</tr>
<tr>
<td>0292</td>
<td>MEDICAL PLAN</td>
<td>SE</td>
<td>XD</td>
</tr>
<tr>
<td>0293</td>
<td>MEDICAL COV CD</td>
<td>U</td>
<td></td>
</tr>
<tr>
<td>0294</td>
<td>MEDICAL COV DT</td>
<td>2004-01-01</td>
<td>2004-03-01</td>
</tr>
<tr>
<td>0347</td>
<td>VISION PLAN</td>
<td>VI</td>
<td>XD</td>
</tr>
<tr>
<td>0348</td>
<td>VISION COV CD</td>
<td>U</td>
<td></td>
</tr>
<tr>
<td>0349</td>
<td>VISION COV DATE</td>
<td>2003-07-01</td>
<td>2004-03-01</td>
</tr>
<tr>
<td>0353</td>
<td>LEGAL PLAN</td>
<td>J2</td>
<td>XD</td>
</tr>
<tr>
<td>0354</td>
<td>LEGAL COVR</td>
<td>U</td>
<td></td>
</tr>
<tr>
<td>0355</td>
<td>LEGAL COV DATE</td>
<td>2004-01-01</td>
<td>2004-03-01</td>
</tr>
<tr>
<td>0377</td>
<td>HEALTH OPT-OUT</td>
<td>D</td>
<td></td>
</tr>
<tr>
<td>0378</td>
<td>DENTAL OPT-OUT</td>
<td>D</td>
<td></td>
</tr>
<tr>
<td>0379</td>
<td>VISION OPT-OUT</td>
<td>D</td>
<td></td>
</tr>
<tr>
<td>0454</td>
<td>EMP MEDICAL CED</td>
<td>2004-01-01</td>
<td>2004-03-01</td>
</tr>
<tr>
<td>0455</td>
<td>EMP DENTAL CED</td>
<td>2003-07-01</td>
<td>2004-03-01</td>
</tr>
<tr>
<td>0456</td>
<td>EMP OPTICAL CED</td>
<td>2003-07-01</td>
<td>2004-03-01</td>
</tr>
<tr>
<td>0457</td>
<td>EMP LEGAL CED</td>
<td>2004-01-01</td>
<td>2004-03-01</td>
</tr>
<tr>
<td>117S</td>
<td>GRS-TO-NET DATA</td>
<td>66.60</td>
<td>.00</td>
</tr>
<tr>
<td>240S</td>
<td>GRS-TO-NET DATA</td>
<td>26.94</td>
<td>.00</td>
</tr>
<tr>
<td>317S</td>
<td>GRS-TO-NET DATA</td>
<td>729.26</td>
<td>.00</td>
</tr>
<tr>
<td>340S</td>
<td>GRS-TO-NET DATA</td>
<td>25.47</td>
<td>.00</td>
</tr>
</tbody>
</table>
Employee Document Reporting (RUN750)

Description

This job produces the Employee Document Report.

Verification

Temporary code that sets the coverage codes to UAC when the legal plan code is ‘J1’ has been removed from PPDXBENI. Temporary code that sets the pay cycle end date to ‘040101’ when the legal plan code is ‘J2’ has been removed. Existing code prior to the temporary code sets the pay cycle end date to ‘000000’.

Verify that the employee’s legal plan data for J2 is displayed on the report. Note that with the removal of the temporary codes, the SCR-CURRENT-DATE in PPBENXJD is used (when pay cycle end date is set to ‘000000’) to access the Benefits Rate Table.

Verify the legal information on the Employee Documents (REPORTS PDS, member IDOCRPT) for the following employees:

Employee ID 000000001

UNIVERSITY OF CALIFORNIA
PAYROLL/PERSONNEL SYSTEM
Summary of UC Benefits Enrollment
TO: EXEC PRESIDENT
FROM: CHANCELLORS OFFICE
400 GAYLE MEMORIAL TOWER
CED

You are enrolled in the following health and welfare plans:
* High Option
  Self Coverage
  Coverage Effective date: 01/01/03
  Your monthly cost for this coverage is: $ 1500.63
  Your contribution base is: 300
* Delta Dental
  Self Coverage
  Coverage Effective date: 01/01/01
  Your monthly cost for this coverage is: $    0.00
* Vision Services Plan
  Self Coverage
  Coverage Effective date: 01/01/01
  Your monthly cost for this coverage is: $    0.00
* ARAG Legal Plan
  Self Coverage
  Coverage Effective date: 01/01/04
  Your monthly cost for this coverage is: $    8.49

The following family members are enrolled:
None

Employee ID 000050002
You are enrolled in the following health and welfare plans:

* Kaiser North
  Family Coverage
  Coverage Effective date: 01/01/90
  Your monthly cost for this coverage is: $ 74.92
  Your contribution base is: 117

* Delta Dental
  W/Adult Coverage
  Coverage Effective date: 01/01/90
  Your monthly cost for this coverage is: $ 0.00

* Vision Services Plan
  W/Adult Coverage
  Coverage Effective date: 01/01/90
  Your monthly cost for this coverage is: $ 0.00

* ARAG Legal Plan
  Family Coverage
  Coverage Effective date: 01/01/04
  Your monthly cost for this coverage is: $ 12.73

The following family members are enrolled:

<table>
<thead>
<tr>
<th>Name</th>
<th>Relationship</th>
<th>Enrolled/Effective Date/End Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>S1 POWERS</td>
<td>Spouse</td>
<td>Yes  Yes  Yes  Yes  Yes</td>
</tr>
<tr>
<td>01</td>
<td>02/02/42 Female</td>
<td>643-76-8091 01/01/93 01/01/93 01/01/93 01/01/04</td>
</tr>
<tr>
<td>C1 POWERS</td>
<td>Child</td>
<td>Yes  No  No  Yes</td>
</tr>
<tr>
<td>02</td>
<td>10/09/82 Female</td>
<td>589-03-9281 02/01/00</td>
</tr>
<tr>
<td>C2 POWERS</td>
<td>Child-Disabled</td>
<td>Yes  No  No  No</td>
</tr>
<tr>
<td>03</td>
<td>12/28/51 Male</td>
<td>589-02-8048 02/01/00</td>
</tr>
</tbody>
</table>
February MO Compute (CFEB04MO)

Description

This job executes the MO compute for Pay Period End Date 02/29/2004.

Verification

The changes made to PPP400 removed the temporary codes in PPP400, section PROCESS-PPA-ARRAY-2150 such that the pay cycle end date is set to ‘020101’ when the medical plan code is UC or PH, and the plan coverage code is to pre-2003 plan coverage code when the pay cycle end date is prior to ‘030101’ prior to calling PPBENXHI.

There should not be any PPA rows containing PPA Plan Codes of ‘UC’ or ‘PH’, PPA Flag values of ‘1’ and the pay period end date is later than ‘12-31-02’. However, the employee’s SUS-PREMIUM-IND must be set to ‘Y’ before section PROCESS-PPA-ARRAY-215 is performed in PPP400. Note that the SUS-PREMIUM-IND value is set to ‘Y’ in EDB File Maintenance process when the employee’s PIE is later than the current date. In the Daily IVR/Web process, the SUS-PREMIUM-IND is set to ‘Y’ when the appropriate plan code has changed.

*Therefore, the only test to the compute is to verify a successful completion.*
February B1 Compute (CFEB04B1)

Description

This job executes the B1 compute for Pay Period End Date 02/14/2004.

Verification

The changes made to PPP400 removed the temporary codes in PPP400, section PROCESS-PPA-ARRAY-2150 such that the pay cycle end date is set to ‘020101’ when the medical plan code is UC or PH, and the plan coverage code is to pre-2003 plan coverage code when the pay cycle end date is prior to ‘030101’ prior to calling PPBENXHI.

There should not be any PPA rows containing PPA Plan Codes of ‘UC’ or ‘PH’, PPA Flag values of ‘1’ and the pay period end date is later than ’12-31-02’. However, the employee’s SUS-PREMIUM-IND must be set to ‘Y’ before section PROCESS-PPA-ARRAY-215 is performed in PPP400. Note that the SUS-PREMIUM-IND value is set to ‘Y’ in EDB File Maintenance process when the employee’s PIE is later than the current date. In the Daily IVR/Web process, the SUS-PREMIUM-IND is set to ‘Y’ when the appropriate plan code has changed.

Therefore, the only test to the compute is to verify a successful completion.
February B2 Compute (CFEB04B2)

Description

This job executes the B2 compute for Pay Period End Date 02/28/2004.

Verification

The changes made to PPP400 removed the temporary codes in PPP400, section PROCESS-PPA-ARRAY-2150 such that the pay cycle end date is set to ‘020101’ when the medical plan code is UC or PH, and the plan coverage code is to pre-2003 plan coverage code when the pay cycle end date is prior to ‘030101’ prior to calling PPBENXHI.

There should not be any PPA rows containing PPA Plan Codes of ‘UC’ or ‘PH’, PPA Flag values of ‘1’ and the pay period end date is later than ’12-31-02’. However, the employee’s SUS-PREMIUM-IND must be set to ‘Y’ before section PROCESS-PPA-ARRAY-215 is performed in PPP400. Note that the SUS-PREMIUM-IND value is set to ‘Y’ in EDB File Maintenance process when the employee’s PIE is later than the current date. In the Daily IVR/Web process, the SUS-PREMIUM-IND is set to ‘Y’ when the appropriate plan code has changed.

Therefore, the only test to the compute is to verify a successful completion.
EMPLOYEE DATA BASE (EDB) LOAD (LOADEDB2)

Description

This job loads the EDB database for testing the Consolidated Billings Process.

Verification

In order to assure successful completion of this job, verify that the EDB has been successfully restored by verifying normal completion of the job and ensuring that all tables have been successfully loaded into the database.
Monthly Carrier Reporting (RUN560)

Description

This job runs the month end February Carrier Reporting.

Verification

Temporary code related to setting the medical coverage code to pre-2003 coverage codes and setting the effective date to 2002-01-01 when the medical plan code is ‘UC’ or ‘PH’ have been removed from PPP560.

In addition, temporary code related to setting the legal coverage code to pre-2004 coverage codes, and setting the effective date to 2003-01-01 when the legal plan code is ‘J1’ have been removed from PPP560.

The only test to the Carrier Reporting is to verify a successful completion. In addition, a subsequent step in the JCL contains a regression test where the test Enrollment and Actual Files are compared against the Base (unmodified PPP560) Enrollment and Actual Files. If campuses are using the test data, verify that there are no data differences between the two test files and the two base files (produced from unmodified PPP560).
Consolidated Billings Update (RUN561)

Description

This job processes the Enrollment and Actual Files produced from the monthly Carrier Reporting (PPP560).

Verification

It is noted that the adjustments process within consolidated billings attempts to reconcile anticipated and actual amounts only within a 60 day period.

The Actual File produced from PPP560 is inserted into the HPA Table for processing.

The only test to the Consolidated Billings Process is to ensure that there is a successful completion. In addition, a subsequent step in the JCL contains a regression test where the output test Enrollment and Adjustment Files are compared against the Base (unmodified PPP561) Enrollment and Adjustment Files.

If campuses are using the test data, verify that there are no data differences between the two files and the two base files (produced from unmodified PPP561).
Consolidated Billings Reporting (RUN562)

Description

This job processes the Enrollment File produced from PPP562.

Verification

*The only test to the Consolidated Billings Process is to ensure that there is a successful completion. In addition, a subsequent step in the JCL contains a regression test where the four output test files are compared to the Base (unmodified PPP562) Files.*

If campuses are using the test data, verify that there are no data differences between the four test files and the four base files (produced from unmodified PPP562).
Consolidated Billings Reporting (RUN563)

**Description**

This job produces the Consolidated Billings Reports.

**Verification**

Verify that the reports are as expected from the Consolidated Billings Process.
On-line Field Level Help

Verification

Verify the modified field help text for the following data elements:

- EDB 0292 – EFBC screen, BC – Blue Shield removed from Previously Valid Codes section.
- EDB 0680 – EFBC screen, BC – Blue Shield removed from Previously Valid Codes section.
- EDB 0682 – EFBC screen, Enrollment Reason Codes of NH, BE, and CV are removed from Code Interpretation section. Enrollment Reason Codes of LV, OE, and OR are added to the Code Interpretation section. Enrollment Reason Codes of BE, CV, DE, IE, OT, RH, and UN are added to the System Derived Reason Code section.
- EDB 0685 – EFBC screen, Enrollment Reason Codes of NH, BE, and CV are removed from Code Interpretation section. Enrollment Reason Codes of LV, OE, and OR are added to the Code Interpretation section. Enrollment Reason Codes of BE, CV, DE, IE, OT, RH, and UN are added to the System Derived Reason Code section.
- EDB 0688 – EFBC screen, Enrollment Reason Codes of NH, BE, and CV are removed from Code Interpretation section. Enrollment Reason Codes of LV, OE, and OR are added to the Code Interpretation section. Enrollment Reason Codes of BE, CV, DE, IE, OT, RH, and UN are added to the System Derived Reason Code section.
- EDB 0689 – EFBC screen, Enrollment Reason Codes of NH, BE, and CV are removed from Code Interpretation section. Enrollment Reason Codes of LV, OE, and OR are added to the Code Interpretation section. Enrollment Reason Codes of BE, CV, DE, IE, OT, RH, and UN are added to the System Derived Reason Code section.
- EDB 0691 – EFBC screen, Enrollment Reason Codes of NH, BE, and CV are removed from Code Interpretation section. Enrollment Reason Codes of LV, OE, and OR are added to the Code Interpretation section. Enrollment Reason Codes of BE, CV, DE, IE, OT, RH, and UN are added to the System Derived Reason Code section.
- EDB 0696 – EFBC screen, Enrollment Reason Codes of NH, BE, and CV are removed from Code Interpretation section. Enrollment Reason Codes of LV, OE, and OR are added to the Code Interpretation section. Enrollment Reason Codes of BE, CV, DE, IE, OT, RH, and UN are added to the System Derived Reason Code section.