Release 1462

PPP400 PPA Modification

Test Plan

Information Systems & Computing
Office of the President
University of California
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Load CTL Database (LOADCTL)

Load the DB2 CTL.

Verification

Confirm the job ran to successful completion.

Load Employee Database (LOADEDDB)

Load the DB2 EDB.

Verification

Confirm the job ran to successful completion.

A SPUFI list of PPPPA rows shows rows with PPA_FLAG = ‘1’, i.e. ready for processing in the next Compute in which the employee gets paid.

A SPUFI list of PPPBEN data shows employees with SUS_PREMIUM_IND = ‘Y’ which indicates the employee has pending premiums. The Health Coverage Effective Dates (CED) were used in the previous PPP400 to control coverage code conversion. This was incorrect. The Pay Period End (PPE) Dates should have been used.

The two conditions are required in order for the PPA rows to be processed in the Compute.

ID 000050002 has a PPA row with PH plan code and 12/31/2002 PPE. The CED is prior to 01/01/2003. This causes an abend in the previous PPP400.

ID 000050004 has a PPA row with PH plan code and 12/31/2002 PPE. The CED is prior to 01/01/2003. This processes correctly in the previous PPP400.

ID 000050006 has two PPA rows with D1 and VI plan codes, 12/31/2002 PPE, and coverage codes UA. The CED’s are prior to 01/01/2003. This causes an abend in the previous PPP400.
ID 000050010 has two PPA rows with D1 and VI plan codes, 11/30/2002 PPE, and coverage codes UAC. The CED’s are prior to 01/01/2003. This processes correctly in the previous PPP400.

ID 000050015 has a PPA row with UC plan code and 11/30/2002 PPE. The CED is prior to 01/01/2003. This processes correctly in the previous PPP400.

ID 000050020 has two PPA rows with UC plan codes, 11/30/2002 and 12/31/2002 PPE, and coverage codes UC. The CED is prior to 01/01/2003. The 11/30/2002 processes correctly in the previous PPP400, but the 12/31/2002 row causes an abend.

ID 333333105 has two PPA rows with CM plan codes, 11/30/2002 and 12/31/2002 PPE, and coverage codes U. The CED is prior to 01/01/2003. This processes correctly in the previous PPP400.
Run Compute with Previous PPP400 (RUN400A)

This job processes the January 2003 MO Compute with the previous version of PPP400. It will abend in PPP400 with a failed call to PPBENXHI, and message 40-988 is issued.

Verification

Confirm the job stopped in PPP400.

The PP14003 report can be used to verify the expected results. It should show that ID 000050002 failed on a call to PPBENXHI.

This abend is the job that exists in the REPORTS PDS.

In the production world various approaches were taken to these abends. One of the simplest is to turn off the SUS_PREMIUM_IND, i.e. change it to blank, which have the effect of bypassing the PPA processing. Locally, adjustments were then required to correct the employee’s record.

JCL (SPUIFUPD) can be used to update the SUS_PREMIUM_IND of the test cases that trigger abends. The first run should update for ID 000050002. Then restart PPP400.

The PP24003 report can be used to verify the expected results of this run. It should show that ID 000050006 failed on calls to PPBENXDI and PPBENXVI.

Again use JCL (SPUIFUPD) to update SUS_PREMIUM_IND to blank for ID 000050006. Then restart PPP400.

The PP34003 report can be used to verify the expected results of this run. It should show that ID 000050020 failed on a call to PPBENXHI.

Again use JCL (SPUIFUPD) to update SUS_PREMIUM_IND to blank for ID 000050020. Then restart PPP400. This time the job should run to completion. The PPP4401 report can be used to verify that the ID’s involved in the earlier abends have successfully processed, and that the bypassed PPA rows do not appear as deductions or contributions.
Reload Employee Database (LOADEDDB)

If RUN400A was run fully to completion, reload the DB2 EDB.

Verification

Confirm the job ran to successful completion.

Compile PPP400

Compile and bind the release version of PPP400.

Verification

Confirm the job ran to successful completion.
Run Compute with Release PPP400 (RUN400B)

Process the January 2003 MO Compute with the release version of PPP400. The test cases should all successfully process.

Verification

Confirm the job ran to successful completion.

The PPP4003 report should not contain any of the failed PPBEN* module messages.

The PPP4401 report can be used to verify that the PPA rows all processed successfully. Verify that the correct 2002 or 2003 rate was taken in each case.

Note that for 000050020 the combined amounts for UC reflect two 2002 rates despite the 12/31/2002 PPE on one of the PPA rows.

UC CARE POS         171.10 D__
UCC POS CONT        874.44 D_C

Note that for 333333105 both a combined 2003 and 2003 rate were taken for CM:

CM (BC) CONT          73.00 D_C