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Re: Release: 1174
    Reference Release: 1138
    Service Request: 13202
    Error Reports: 1528, 1529, 1531, 1532, 1539
    Programs: PPFAU013(new), PPSGRSER
    DB2 Programs: PPEXPTLA, PPEXPTRN, PPP360, PPRCGRSS
    CICS Programs: None
    Copymembers: CPLNF013(new), CPPDEAPP, CPPDXLA2
    Include Members: None
    DDL Members: None
    Bind Members: None
    CICS Maps: None
    Forms: None
    Table Updates: None
    Urgency: Not Urgent (See Timing of Installation)

This release only affects those campuses, which have installed or are installing the GFAU environment. Some of the fixes may not apply to campuses not using the Base GFAU.

**Error Report 1528**

Error Report 1528 reported an anomaly in the performance of the EAPP function screen in the GFAU environment. When data was entered in one of the fields other than the FAU fields, and Enter was pressed, the FAU data disappeared. After PF5 was pressed for update, the data returned and the EDB was correctly updated. However the disappearance of the data during the intermediate step could cause uncertainty among the users. This release fixes the function so that the FAU data is displayed at all times.

**Error Report 1529**

In Release 1138, FAU component pre-edits for Leave Accrual Transfers (transaction code "TL") were removed from the PPP350 process in favor of the PPP360 edit process. However, when a blank Fund is entered, the UI derivation routine in PPEXPTLA issues message 35-094 (See Operations) because of a "no match" condition during the UI default rate search of the Fund Group table. On receiving this message, PPP350 promptly terminates.

To correct this condition, as well as to avoid other potential problems, FAU element edits have been re-initiated in PPEXPTRN (via new GFAU program PPFAU013) for Single Transfers (TS), Mass Transfers (TM), and Leave Accrual Transfers (TL). Additionally, PPEXPTLA has been changed so that transaction processing is continued when "no match" conditions are encountered during the UI selection of the Fund Group table.
Error Report 1531

Error Report 1531 reported a condition, which caused a zero gross pay to be calculated for OTS payments via online Rush Checks. This was caused by incorrect paragraphing which resulted in the time field data not being moved properly. Further testing confirmed that sub-account substitution was also being affected for OTS, and that this problem extended to batch Compute processing. PPRCGRSS, for online Rush Checks, and PPGRSERN, for the batch Compute process, have been modified to correctly perform time calculations and sub-account substitutions correctly for OTS payments.

Error Report 1532

Error Report 1532 reported a condition involving FAU verification involving blank Account and Fund (in Base GFAU) fields. The Base GFAU program PPINAFP returns error codes when a blank Account or Fund is passed to it. These are passed back via PPFAU001 to PPP360. However, the modified GFAU code in PPP360 no longer bypassed error codes associated with the blank Account and Fund, resulting in an abend. PPP360 has been modified to bypass those types of errors and continue processing. This error may not affect campuses with a modified FAU or PPFAU001 module.

Error Report 1539

Error Report 1539 reported a problem related to loading costing table data in USER08 and USER12. Both programs contain procedure code copymember CPPDXLA2 to perform this function. The costing table (PPPCST) contains entries unassociated with funding and others associated with funding. The former have a CPPDXLA2 should load the entries with blanks; it is incorrectly loading the entries that are funding related. Copymember CPPDXLA2 has been modified to load the correct costing entries.

Programs

PPFAU013

PPFAU013 is a new module which edits the “from” and “to” FAU’s in TS, TM and TL transactions. It is called by PPEXPTRN, as modified by this release. It is a below-the-line program which contains references to the sub-account of the Base FAU. Local modification may be required for those campuses not using the Base FAU. This is part of the fix for Error Report 1529.

PPGRSERN

PPGRSERN is called by PPP390 to perform earnings calculations for the Compute process. It has been modified to correctly perform sub-account substitution for leave transactions. This is part of the fix for Error Report 1531.

DB2 Programs

PPEXPTLA

PPEXPTLA calls various benefits modules to develop transfer amounts for Leave Transfer transactions. Code has been modified so that transaction processing is continued when a "no match" condition is encountered during the UI selection of the Fund Group table. This is part of the fix for Error Report 1529.

PPEXPTRN

PPEXPTRN creates expense transfers (E1, E2 and E3 transactions) from Single (TS), Mass (TM) and Leave (TL) transactions. Code has been added to edit the “from” and “to” FAU’s to ensure they meet minimum
data requirements. New below-the-line module PPFAU013 is called to perform the edits. This is part of the fix for Error Report 1529.

PPP360

PPP360 performs Compute transaction editing. It has been modified to bypass specific error codes returned from verification of FAU’s containing a blank account and/or fund. This fixes the problem reported in Error Report 1532.

PPRCGRSS

PPRCGRSS performs earnings calculations for the online Rush Check application. It has been modified to correctly perform sub-account substitutions for leave transactions. It has also been modified to correctly perform time calculations for OTS payments. This is part of the fix for Error Report 1531.

Copvmembers

CPLNF013

CPLNF013 is a new copymember defining the linkage for calls to new program PPFAU013. This is part of the fix for Error Report 1529.

CPPDEAPP

CPPDEAPP contains procedure code which is copied into screen program PPWEAPP, and which performs FAU manipulation for that program and map PPEAPP0. Code has been added to turn on a display flag for the FAU fields when no FAU data is entered. This fixes the problem reported in Error Report 1528.

CPPDXLA2

CPPDXLA2 contains procedure code to load the costing data. It has been modified to only load entries that are not funding related, i.e. that contain blanks in the funding group code. This fixes the problem reported in Error Report 1539.

Test Plan

Error Report 1528:
To test the condition indicated by Error Report 1528, logon onto a CICS region and use the EAPP function to access an ID with distribution data. Update any distribution field except an FAU field. Press Enter (not PF5). The FAU data fields will be blanked out. Continue with PF5 to update. The update will process successfully and the FAU will again be displayed. Install the fix to CPPDEAPP and repeat the test. This time the FAU data will continue to be displayed after pressing Enter.

Error Report 1529:
To test the condition indicated by Error Report 1529, a TL transaction with a blank “Transfer From” fund should be entered using the Release 1138 version of PPEXPTRN and PPEXPTLA. Program PPP350 will terminate with message 35-094 (See Operations). This same test should be re-run using the release-modified version of these programs. During this second run, message 35-060 (Tran Reject) will be issued for the offending transaction.

Further testing can be done using the online EDTL functions. Use the Release 1138 version of PPEXPTRN, enter data, leaving the fund blank on either or both the “from” and “to” FAU. Use PF5 to update; the update will occur successfully and the E1, E2 and E3 transactions with incomplete FAU’s will be written to the THF. Perform the same test using the release version of PPEXPTRN. During this second test, the transaction will be rejected until an FAU is entered containing a non-blank/non-zero location, and numeric non-zero account, fund and sub-account.
Error Report 1531:
To test the condition indicated by Error Report 1531, an OTS transaction must be processed which contains an invalid sub-account for overtime payments.

First use the current Rush Checks function OPT1 with the R1138 version of PPRCGRSS. Enter, e.g., an AP transaction with an overtime DOS Code, time, rate and an FAU containing an invalid sub-account. Press PF5 to update and check the printed reports (also the PPPADB table transactions). The invalid sub will still appear on the PPRCAUDT1 audit report, and the calculated gross will be zero. Perform the same test using the release version of PPRCGRSS. The sub account will be converted to ‘2’ and a non-zero gross will be calculated.

The same before and after test can be performed with similar transactions in batch using the previous and release version of PPGRSERN (called during PPP390 processing). PPGRSERN only contained the sub-account error. It did not contain the gross calculation error.

Error Report 1532:
To test the condition indicated by Error Report 1532, transactions must be processed through PPP360 which contain a blank account/fund (in the Base GFAU environment; it may not be applicable for all FAU’s) entered using the Release 1138 version of PPP360. Program PPP360 rejects the transaction, but will also terminate with message 36-931 (See Operations). This same test can then be re-run using the release-modified version of PPP360. During this second run, PPP360 still reject the transaction, but will bypass error codes 57 or 58 returned from PPFAU001 and continue processing.

Error Report 1539:
To test the condition indicated by Error Report 1539, one of several possible ways can be used, none as obvious as the above tests. An interactive debugging application can be used to walk through the CPPDXLA2 code. Another method is to update the costing table with entries such that loading the wrong records exceeds the 300-entry limit. This triggers an abend due to the faux SQL +1234 error code set in CPPDXLA2 and tested in USER08 and USER12. This type of abend triggered the error report. In either case, first perform an EDB update using the R1138 version of CPPDXLA2 and confirm the incorrect results. Then retest using the release-modified version of CPPDXLA2 and confirm the correct results.

Installation Instructions

A separate set of Installation Instructions has been provided with this release.

Timing of Installation

This release requires the prior implementation of the GFAU Release 1138.

The installation of this release is Not Urgent. However, if the Generic FAU environment has been installed, this release should be installed as soon as possible. Error Report 1529 indicates a condition that can cause PPP350 to terminate during Compute processing. Error Report 1532 indicates a condition that can cause PPP360 to terminate during Compute processing. Error Report 1531 affects gross pay calculation for OTS payments via Rush Checks. If installing and testing the Generic FAU environment, this release should be installed and tested at the same time.

As usual, campuses are encouraged to install this release in as timely a fashion as possible and in the normal numeric sequence.

If there are any questions, please send electronic mail to Phil.Thompson@ucop.edu, or call at (510) 987-0468.

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