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Re: Release:  1152
Service Request:  None
Error Reports:  1500
Programs:  None
DB2 Programs:  PPP080, PPP120
CICS Programs:  None
Copymembers:  None
Include Members:  None
DDL Members:  None
Bind Members:  None
CICS Maps:  None
Forms:  None
Table Updates:  None
Urgency:  Not Urgent

**Error Report 1500**

Error Report 1500 addresses an error in PPP080 and PPP120 involving the expanded length of occurrence keys created in Release 1114. Two key work fields in PPP080 and one in PPP120 are used to determine the presence of mandatory keys. Release 1114 provided for a possible mandatory key up to 30 bytes, but the work fields remained 18 bytes in length. The only occurrence key in the Base system that was extended past the original 18 bytes was for set transactions updating the PPPFBA table with University Contribution Indicators. However, even then, the mandatory key fields remained within the 18 bytes.

With the installation of Generic FAU changes in Release 1138, the FBA occurrence key was expanded to a full 30 byte FAU, and the FAU is a mandatory key. Out of range processing occurred on the array containing the mandatory key data, and corrupted both FB transaction data itself and other unrelated transactions as well. The PPP1001 Edit Exception Report issued misleading or incorrect error messages and the transactions were rejected.

Only batch processing was affected. The EUCI function used to update the PPPFBA table online works correctly.
Programs

PPP080

Batch program PPP080 has been modified to expand two key work fields WRK-DATA-BYTE and MAND-DATA-BYTE to 30 bytes.

PPP120

Batch program PPP120 has been modified to expand one key work field WRK-DATA-BYTE to 30 bytes.

Test Plan

At UCOP the change was tested in the Generic FAU environment. FB transactions were used in batch EDB file maintenance to establish University Contribution Indicators for several Employee ID’s. Without the changes in this release, the transactions were rejected with misleading and in some cases corrupted error messages. After installing the changes from this release, the FB transactions processed correctly.

Installation Instructions

1. Modify, DB2 precompile, compile, and link batch programs PPP080 and PPP120. Bind the plans for PPP080 and PPP120.
2. Perform the Test Plan, and any local testing if desired.
3. Install the programs into production.

Timing of Installation

The installation of this release is not urgent. However, if the Generic FAU environment has been installed and batch processing of FB transactions is being planned, this release should be installed as soon as possible. If testing and installing the Generic FAU environment, this release should be installed and tested at the same time. Although the problem affects a Generic FAU environment, the changes are to Base programs and should be installed whether or not a campus is running a Generic FAU environment.

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

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