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BEATRICE CARDONA
GRACE CHIU
HAI DOAN

RE: Release: 1555
Service Request: None
Error Reports: 1908
Programs: PPLATUTL
Copymembers: CPWSLATI
Include Members: None
DDL Members: None
Bind Members: None
CICS Maps: None
Forms: None
Table Updates: None
Urgency: Urgent (See Timing of Installation)

Error Report 1908

It has been demonstrated that during the load of the Leave Accrual Table (LAT), if the storage array size limit is exceeded, PPLATUTL will go into an uncontrolled process loop. This problem can adversely impact the execution of programs PPP390 and PPP520.

In response to this condition, the storage array (defined in CPWSLATI) has been increased so as to hold 400 LAT row entries (rather than the prior limit of 200). Additionally, module PPLATUTL has been modified to properly handle the array overflow error condition.

Programs

PPLATUTL
This module performs various load and search mechanisms against the Leave Accrual Table. It has been modified to correctly handle row storage overflow conditions.

Copymembers

CPWSLATI
This copy statement defines the linkage area between PPLATUTL and its calling programs. The size of the LAT storage array has been increased to hold a maximum of 400 entries (current limit is 200 entries).
Test Plan

Test materials are not provided with this release. To verify correct installation of this release, a “before/after” regression test of a normal Payroll Compute process (esp., PPP390) should be run. The resulting Payroll Audit Files (PAR) should be identical. The resulting Employee Change Files (ECF) created by PPP410 should be identical except for the fixed portion Timestamp (position 60 for length of 14; refer to JCL (CMSRTECF)).

Installation Instructions

1. Install the modified copy member CPWSLATI.
2. DB2 pre-compile, compile and link the modified BATCH program PPLATUTL into the Batch LOADLIB.
3. DB2 pre-compile, compile and link the unmodified BATCH program PPP520 into the Batch LOADLIB.
4. Compile and link the unmodified BATCH programs PPLVASM and PPLVHRS into the Batch LOADLIB.
5. Bind the plans for programs PPP390 and PPP520.
6. Perform the installation testing.
7. Install objects in production.

Timing of Installation

This release is Urgent and should be installed as quickly as possible to avoid the condition identified in the above error report.

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