Release 1480

Error Report 1855
Control Table Update Fixes

Test Plan

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CTL DB2 DIRECT UPDATE OVERVIEW ................................................................. 3
LOAD DB2 CONTROL DATABASE (LOADCTL) ....................................................... 4
CONTROL TABLE UPDATE-PRIOR BASE (RUN004A) ....................................... 5
RELOAD PPPPRM TABLE (LOADPRM) ............................................................. 7
INSTALL THE RELEASE OBJECTS .................................................................... 7
CONTROL TABLE UPDATE-RELEASE MODULES (RUN004B) ......................... 8
CTL DB2 Direct Update Overview

This Test Plan performs a “before” and “after” test of CTL Table updates and report requests, and compares the results. The “before” job demonstrates the reported errors. The “after” job confirms the correction.
Load DB2 Control Database (LOADCTL)

Load the DB2 CTL. System Parameter 300 is active, i.e. available for deletion.

Verification

Confirm the job ran to successful completion.
Control Table Update-Prior Base (RUN004A)

The transaction file input contains transactions to attempt an update of the System Parameter and DOS Tables, and requests reports for the following logical tables:

- Table 02 Gross-to-Net Table
- Table 03 Federal Tax Table
- Table 05 System Calendar Table
- Table 22 Surepay Bank Table
- Table 24 Work Study Table

**Verification**

Confirm the test results in the audit report PPP0400 (DD WRNPRT) are duplicated in the local test.

The delete transaction for System Parameter 300 should be accepted.

The change transaction for DOS Code WOS should be accepted, even though the NSETC values XZ are not valid.

Report requests for the above tables should be accepted.

Confirm the Report results:

**PPP0401: System Parameter Table:**
System Parameter 300 should appear as deleted (a D after the value). However, the established Description RESERVED-BASE is incorrect.

**PPP0402: GTN Table:**
The last line of the report displays:
TN NUMBERS 001-799 ARE RESERVED FOR UCOP USE (130-140 ARE USED INTERNALLY BY THE SYSTEM); 800-999 ARE RESERVED FOR CAMPUS USE.

The initial ‘G’ is truncated.

**PPP0403: Federal Tax Table:**
As stated in the release letter, at UCOP the overlaid print lines did not occur. They may not in your environment either. However, a search for low values F X’00’ will find uninitialized portions in some of the print lines. These are the areas that were reported to contain the overlaid data in the environment where that occurred.

**PPP0405: System Calendar Table:**
At UCOP the overlaid print lines did not occur. They may not in your environment either. However, a search for low values F X'00' will find un-initialized portions to some of the print lines. These are the areas that were reported to contain the overlaid data in the environment where that occurred.

Also, do a find on ‘NAME’ which will turn up multiple occurrences of the following message for each January.
DAY NAME FOR DAY 01 DOES NOT FOLLOW LAST DAY OF PREV MONTH

This is caused by the cursor ORDER which results in the first day of January being edited against the wrong last day in December.

**PPP0410: DOS Code Table:**
Although the DOS Code NSETC updated was reported as accepted, note that the WOS entry was not in fact updated. It still has blank NSETC values.

**PPP0422: Surepay Bank Table:**
Confirm that from Page 2 on the first detail line overprints the last heading line. This is due to the fact that the last heading is correctly overprinted for the underscores, and the zero line advance is carried forward to the first detail line. The first detail carriage control character is ‘+’, as for the underscore. It can be easily confirmed by actually printing the report.

**PPP0424: WSP Table:**
At UCOP the overlaid print lines did not occur. They may not in your environment either. However, a search for low values F X'00' will find un-initialized portions to some of the print lines. These are the areas that were reported to contain the overlaid data in the environment where that occurred.
Reload PPPPRM Table (LOADPRM)

Reload the PPPPRM table updated in RUN004A.

**Verification**

Confirm the job ran to successful completion.

**Install the Release Objects**

Install released programs PPCTDOSE, PPCTPRME, PPCTR02, PPCTR03, PPCTR05, PPCTR22, PPCTR24, and bind PPP004.
Control Table Update-Release Modules (RUN004B)

The transaction file input contains transactions to attempt an update of the System Parameter and DOS Tables, and requests reports for the following logical tables:

- Table 02 Gross-to-Net Table
- Table 03 Federal Tax Table
- Table 05 System Calendar Table
- Table 22 Surepay Bank Table
- Table 24 Work Study Table

Verification

Confirm the test results in the audit report PPP0400 (DD WRNPRT) are duplicated in the local test.

The delete transaction for System Parameter 300 should again be accepted.

The NSETC change transaction for DOS Code WOS should be rejected with message 01-617.

Report requests for the above tables should be accepted.

Confirm the Report results:

**PPP0401: System Parameter Table:**
System Parameter 300 should appear as deleted (a D after the value). The established Description CAMPUS AVAILABLE is correct.

**PPP0402: GTN Table:**
The last line of the report displays:
GTN NUMBERS 001-799 ARE RESERVED FOR UCOP USE (130-140 ARE USED INTERNALLY BY THE SYSTEM); 800-999 ARE RESERVED FOR CAMPUS USE.

The initial ‘G’ is no longer truncated.

**PPP0403: Federal Tax Table:**
A search for low values F X’00’ should not find un-initialized portions of the print lines.

**PPP0405: System Calendar Table:**
A search for low values F X’00’ should not find un-initialized portions of the print lines.
The report is now is ascending year and month order. A find on ‘NAME’ will not find the following message:
DAY NAME FOR DAY 01 DOES NOT FOLLOW LAST DAY OF PREV MONTH
The first day of January is now edited against the correct last day in December.

**PPP0410: DOS Code Table:**
Since the transaction was rejected, the table is not updated, and thus a report is not generated. The report file should be empty.

**PPP0422: Surepay Bank Table:**
Confirm that the first detail line no longer overprints the last heading line. The first detail carriage control character is ‘0’. It can be confirmed by actually printing the report.

**PPP0424: WSP Table:**
A search for low values F X’00’ should not find un-initialized portions of the print lines.

**PPTRNGTN: Parking/Transit Consistency Edit**
Confirm that the PPTRNGTN report was correctly written to DD PPTRNGTN. The report is triggered in PPP004 by an update to either Table 01 or 02.