Test Plan
RELEASE 1160

1042-S Changes

December 19, 1997

Information Systems & Computing
Office of the President
University of California
Testing Overview

This test plan addresses the test runs and cases constructed to verify the correct installation of Release 1160. The test is made up of the following components:

1. VSAM Control Table Initial Load (LOADVSM)
2. Control Table Data Base (CTL) Initial Load (LOADCTL)
3. Employee Data Base (EDB) Initial Load (LOADEDDB)
4. 1042-S Reporting (RUN730)
5. Employee Data Base (EDB) Load#2 (LOADEDB2)
6. Update 1042-S Extract File Process (RUN722)
VSAM CONTROL TABLE INITIAL LOAD (LOADVSM)

Description

This job loads the VSAM Control Tables.

The updates of the VSAM Control Tables are already reflected in the particular PDS members used for the loading of the VSAM Tables.

Verification

Ensure that the VSAM Control Tables have been successfully restored by verifying normal completion of the job.
CONTROL TABLE (CTL) INITIAL LOAD (LOADCTL)

Description

This job loads the DB2 CTL database.

Verification

Ensure that the DB2 CTL has been successfully restored by verifying normal completion of the job and ensuring that all tables have been successfully loaded into the database.
EMPLEOEE DATA BASE (EDB) INITIAL LOAD (LOADEDDB)

Description

This job loads the EDB database. The data contained in the PDS UDB2EDB will be used to test the 1042-S Reporting changes.

Verification

In order to assure successful completion of this job, verify that the EDB has been successfully restored by verifying normal completion of the job and ensuring that all tables have been successfully loaded into the database.
### 1042-S Reporting (RUN730)

**Description**

This job executes the year-end 1042-S Process.

The year value specified on the Specification record is ‘97’ in columns 12 through 13.

**Verification**

The 1042-S Process was modified to allow Individual Taxpayer Identification Numbers (ITIN) starting with ‘9’ to be valid for 1042-S data originating from the Account Payable System only. Social Security Numbers starting with ‘9’ are not valid for 1042-S data originating from the Payroll/Personnel System. Thus, a blank Social Security Number is reported on the employee’s 1042-S Laser Forms and the employee’s 1042-S Recipient ‘Q’ Type record.

**PPP7309 Report (1042-S Error Conditions List) (REPORTS PDS, member PPP7309)**

Verify the following employees:

If the SS-Match field (position 250) contains a value of ‘1’ on the employee’s 1042-S Extract record, the value denotes that the employee’s ITIN matches the social security number on the EDB.

- **Social Security Number 956-79-8761**, Employee ID 000050726 – Verify that message ‘SOC SEC NUMBER IS BLANK OR INVALID’ is displayed on this report.

  Verify that the Data-Origin field (position 248) on the 1042-S Extract File (Record 20) contains a value of ‘P’ (denotes data is from the EDB), and the value in SS-Match field (position 250) contains a blank.

- **Social Security Number 901-39-8701**, Employee ID is blank – This employee has a Social Security Number beginning with ‘9’. However, the employee’s Social Security Number originated from the AP System, and the same Social Security Number does not exist on the EDB. Therefore, message ‘SOC SEC NUMBER IS BLANK OR INVALID’ is not displayed on this report for this employee.

  Verify that the Data-Origin field (position 248) on the 1042-S Extract File (Record 19) contains a value of ‘I’ (denotes data is from the Accounts Payable System), and the value in SSN-Match field contains a blank.
• Social Security Number **975-55-5010**, Employee ID 000050010 – Verify that message ‘SSN INVALID – MATCHES AP ITIN – WILL BE BLANKED’ is displayed on this report. Verify that the Data-Origin field (position 248) on the 1042-S Extract File (Record 21) contains a value of ‘I’ (denotes data is from the Accounts Payable System) and (Record 22) contains a value of ‘P’ (denotes data is from the EDB). Verify that the SSN-Match field (position 250) contains a value of ‘1’ on records 21 and 22.

**1042-S Laser Forms**

• Verify that the Tax Reporting Year displayed is ‘1997’ on the 1042-S Laser Forms.

• Verify that the employee’s Individual Taxpayer Identification Number of ‘901-39-8701’ (Line 5 of the form) is displayed on the 1042-S Laser Form for Employee Name of ‘ACCOUNT REC14’.

• Verify that the Social Security Number of ‘975-55-5010’ (Line 5 of the form) is **not** displayed on the 1042-S Laser Form for Employee Name of ‘BARRY TONE’.

• Verify that the Social Security Number of ‘956-79-8761’ is **not** displayed on the 1042-S Laser Form for Employee Name of ‘MARCO DE STINKSHUN’.

**1042-S Magnetic Tape**

Verify on the Recipient ‘Q’ Type records for the following employees:

Record 2 – Positions 113 through 121 (Social Security Number) is blank for Employee Name ‘DE STINKSHUN,MARCO’ (positions 139 through 156).

Record 11 – Positions 113 through 121 (Social Security Number) contains ‘901398701’ for Employee Name ‘REC14,ACCOUNT’ (positions 139 through 156).

Record 19 – Positions 113 through 121 (Social Security Number) is blank for Employee Name ‘TONE,BARRY’ (positions 139 through 156).

Record 20 – Positions 113 through 121 (Social Security Number) is blank for Employee Name ‘TONE,BARRY’ (positions 139 through 156).
EMPLOYEE DATA BASE (EDB) LOAD#2 (LOADEDDB2)

Description

This job loads the EDB database. The data contained in the PDS UDB2EDB2 will be used to test the 1042-S Extract File Update Process.

Verification

In order to assure successful completion of this job, verify that the EDB has been successfully restored by verifying normal completion of the job and ensuring that all tables have been successfully loaded into the database.
1042-S Extract File Update Process (RUN722)

Description

This job updates specific address data on the 1042-S Extract File using current data from the EDB.

Verification

Employee 000050101 – This employee had a change from a domestic address to a foreign address.

PPP7223 Report: (REPORT PDS, member PPP7223)

<table>
<thead>
<tr>
<th>DE NO</th>
<th>DE NAME</th>
<th>Prior Data</th>
<th>Updated Data (from Current EDB)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0291</td>
<td>FOREIGN ADDRESS</td>
<td>F</td>
<td></td>
</tr>
<tr>
<td>0204</td>
<td>PERM STRT 1</td>
<td>500 PARNASSUS AVE.</td>
<td></td>
</tr>
<tr>
<td>0205</td>
<td>PERM STRT 2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0206</td>
<td>PERM CITY</td>
<td>CHICAGO</td>
<td></td>
</tr>
<tr>
<td>1118</td>
<td>FRGN ADDR CNTRY</td>
<td>SP</td>
<td></td>
</tr>
<tr>
<td>1119</td>
<td>FRGN ADDR PSTL</td>
<td>8888888888</td>
<td></td>
</tr>
<tr>
<td>1120</td>
<td>FRGN ADDR PROV</td>
<td>SPAIN</td>
<td></td>
</tr>
</tbody>
</table>

Thus, when the employee went from a domestic address to a foreign address, the Address-State (EDB 0207), and Address-Zip (EDB 0208) values from the current EDB were used to refresh the Address-State, and Address-Zip on the employee’s updated 1042-S record.

Updated 1042-S Extract File (PAYDIST.R1160.UP142FLE):

Record 17 - Verify that positions 129 through 130 (Address-State) contain a blank, and positions 131 through 139 (Address-Zip) contain a blank. This corrects the problem addressed in Error Report 1476.

Employee 000050726 – This employee had a change from a foreign address to a domestic address.

PPP7223 Report: (REPORT PDS, member PPP7223)

<table>
<thead>
<tr>
<th>DE NO</th>
<th>DE NAME</th>
<th>Prior Data</th>
<th>Updated Data (from Current EDB)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0291</td>
<td>FOREIGN ADDRESS</td>
<td>F</td>
<td>A</td>
</tr>
<tr>
<td>0204</td>
<td>PERM STRT 1</td>
<td>300 YORKSHIRE FLAT# 3</td>
<td>1 WILCOX WAY</td>
</tr>
<tr>
<td>0205</td>
<td>PERM STRT 2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0206</td>
<td>PERM CITY</td>
<td>HONDA</td>
<td>DAVIS</td>
</tr>
</tbody>
</table>
Thus, when the employee went from a foreign address to a domestic address, the Foreign-Address-Country (EDB 1118), Foreign-Address-Postal (EDB 1119), and Foreign-Address-Province (EDB 1120) values from the current EDB were used to refresh the Foreign-Address-Country, Foreign-Address-Postal, and Foreign-Address-Province on the employee’s updated 1042-S record.

*Updated 1042-S Extract File: (PAYDIST.R1160.UP142FLE)*

*Record 20* - Verify that positions 141 through 142 (Foreign-Address-Country) contain a blank, positions 173 through 187 (Foreign-Address-Province) contain a blank, and positions 188 through 197 (Foreign-Address-Postal) contain a blank. This corrects the problem addressed in Error Report 1476.