Test Plan
RELEASE 1293

Changes to Support the New BX Unit for Employees in Student Academic Titles

Testplan.doc
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Information Systems & Computing
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Testing Overview

This test plan addresses the test runs and cases constructed to verify the correct installation of Release 1293.

1. Control Tables Initial Load (LOADCTL)
2. Employee Database Initial Load (LOADEDB)
3. EDB Database Record Display (RUN250)
4. Run the One-Time Program (RUNOT)
5. EDB File Maintenance (RUNFM1).
6. Online
1. Control Database 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.
2. Employee Database Initial Load (LOADEDDB)

**Description**

This job loads the EDB database. This is the same EDB that began the Release 1287 Test Plan.

**Verification**

Ensure that the DB2 EDB has been successfully restored by verifying normal completion.
3. EDB Database Record Display (RUN250)

**Description**

This job displays the data on the EDB.

**Verification**

Verify normal completion. Verify that the following test case are listed. The conditions in bold should trigger an X1 transaction.

<table>
<thead>
<tr>
<th>ID</th>
<th>Employee Relations Code</th>
<th>Appointment TUC</th>
</tr>
</thead>
<tbody>
<tr>
<td>000050046 I</td>
<td></td>
<td>10 BX</td>
</tr>
<tr>
<td>000050060 I</td>
<td></td>
<td>10 BX</td>
</tr>
<tr>
<td>000050068 E</td>
<td></td>
<td>10 BX</td>
</tr>
<tr>
<td>000050075 H</td>
<td></td>
<td>10 BX</td>
</tr>
<tr>
<td>000050094 I</td>
<td></td>
<td>10 99</td>
</tr>
<tr>
<td>000050095 I</td>
<td></td>
<td>10 99</td>
</tr>
<tr>
<td></td>
<td></td>
<td>20 BX</td>
</tr>
<tr>
<td>000050100 I</td>
<td></td>
<td>10 BX</td>
</tr>
<tr>
<td>000050107 I</td>
<td></td>
<td>10 Z3</td>
</tr>
<tr>
<td>000050109 I</td>
<td></td>
<td>10 BX</td>
</tr>
<tr>
<td></td>
<td></td>
<td>20 99</td>
</tr>
<tr>
<td>000050110 I</td>
<td></td>
<td>10 BX</td>
</tr>
<tr>
<td></td>
<td></td>
<td>20 BX</td>
</tr>
<tr>
<td>8888888555 A</td>
<td></td>
<td>10 BX</td>
</tr>
<tr>
<td>888888666 I</td>
<td></td>
<td>10 99</td>
</tr>
<tr>
<td>888888777 I</td>
<td></td>
<td>10 BX</td>
</tr>
<tr>
<td>9998888050 Blank</td>
<td></td>
<td>10 BX</td>
</tr>
</tbody>
</table>
4. Run the One-Time Program (RUNOT)

**Description**

This job runs the one-time program which creates X1 file maintenance transactions.

**Verification**

Confirm that the test cases indicated in the previous table in bold were reported and that an X1 transaction was created for each ID, as appropriate.

A few things to note.

For ID 000050109, appointment 10 triggered a transaction even though that appointment has ended.

For ID 000050107, the previous academic Title Unit Code Z3 did not trigger any action. If the one-time is run before the mass title code changes have been processed the one-time will not convert the ERC's.

For ID 000050110, even though two appointments are BX, only one X1 transaction was written.
5. EDB File Maintenance (RUNFM1)

Description

This job reads the X1 transactions created by the one-time program and updates the relevant employee's ERC with a new value of H.

Verification

Confirm that the transactions were not rejected. However, note that since the one-time program does not differentiate between active and inactive appointments, transactions can be created for Employee ID's that do not have current appointments. The edit in PPEC139, however, is applied only to current appointments. As a result, warning message 08-138 and 12-138 can be issued for transactions generated by the one-time program. In this case ID's 000050046, 000050095, 000050100 and 000050109 do indeed trigger the message. However, the updates should still occur.

NOTE: If System Parameter 73 defines your location as a non-HEERA campus (parameter value is zero) then all eight transactions will generate the 08-138 and 12-138 messages.

Confirm in the PPP1801 report that the expected changes were reported, per the previous table.

Confirm in the PPP250 report that the expected changes are on the EDB, per the previous table.
6. Online EDB File Maintenance

**Description**

This test performs the online function EPER to change employees' ERC to a new value of H. If such an ERC change is attempted for an employee without an active appointment with a BX Title Unit Code, modified program PPEC139 should issue message 08-138.

**Verification**

Logon to the PPS EDB Update application.

Select the EPER function with active Employee ID 888888666. Enter an 'H' in the Employee Relations Code field, and press PF5 for update. ID 888888666 has an ERC of I, and an appointment 10 TUC of 99. The ECON screen should appear with message 08-138. Press PF5 to complete the update.

Select the EPER function with active Employee ID 000050068. Enter an 'H' in the Employee Relations Code field, and press PF5 for update. 000050068 has an ERC of E, but an appointment 10 TUC of BX. The update should complete without message 08-138 issued.

Any other Employee ID can be tested by changing the ERC back and forth to 'H' and some other value. Message 08-138 should be triggered whenever the ID does not have a current BX appointment.