

**Test Plan
RELEASE 1821**

START Program - 2008

May 30, 2008

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Testing Overview

This test plan addresses the test runs and cases constructed to verify the correct installation of Release 1821. The test is made up of the following components:

1. Control Table Data Base (CTL) Initial Load (LOADCTL)
2. Employee Data Base (EDB) Initial Load (LOADEDDB)
3. START Employee Participation Reporting (RUN695)
4. Online Help for IAPP
5. EDB/Entry Update On-line Testing

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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 data base. The members in PDS UDB2CTL already reflect the updates applied to the DB2 Control tables.

EMPLOYEE DATA BASE (EDB) INITIAL LOAD (LOADEDDB)

Description

This job loads the EDB database.

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 data base.

START Employee Participation Reporting (RUN695)

Description

This job produces the START Employee Participation Reports

The report options specified on the Specification record contains a value of '1' in column 12 and a value of '1' in column 13 to produce the PPP6951 report in Employee Name order and the PPP6952 report by Home Department order, and within Home Department Employee Name order.

Verification

Verify the following items on the reports:

- PPP6951 Report (REPORTS PDS, member PPP6951)

Verify that three footnotes are displayed at the bottom of each report page.

Verify that the Monthly Salary Savings and Annual Salary Savings Amounts are displayed on the last page of the report.

Verify that employee ID 801000003 has a single asterisk ('*') displayed on the rightmost column which is associated with active appointments that don't have any 'RTP' related distributions.

Verify that employee ID 801000003 has a single pound sign ('#') displayed on the rightmost column which is associated with active appointments that have "RTB" related distribution.

Verify that employee ID 801000002 has two asterisks (***) displayed on the detail line associated with 'RTS' related distributions

Verify that the report matches with report (PPP6951) provided with the release.

- PPP6952 Report (REPORTS PDS, member PPP6952)

Verify that the three footnotes are displayed at the bottom of each report page.

Verify that employee ID 801000003 has a single asterisk ('*') displayed on the rightmost column which is associated with active appointments that don't have any 'RTP' related distributions.

Verify that employee ID 801000003 has a single pound sign ('#') displayed on the rightmost column which is associated with active appointments that have "RTB" related distribution.

Verify that employee ID 801000002 has two asterisks (***) displayed on the detail line associated with RTS' related distributions

Verify that the report matches with report (PPP6952) provided with the release.

On-line Field Level Help and Group Level Help for 'LOA', 'START' and 'SLCG' field labels and data

Description

The IAPP screen displays the employee's appointment and distribution data.

Verification

Log on to the CICS on-line region.

From the Main Menu, enter '**IAPP**' and employee ID 701000023.

Verify that the help text for the LOA field label and data display is correct:

LOA: 05/30/08-07/01/08 Type: 07

- Place the cursor on the field label, "LOA:" and hit PF1. Group level help for EDB0137 and EDB0138 should be displayed
 - place the cursor on the number 1 and hit PF1. Help text for EDB0138 should be displayed
 - place the cursor on the number 2 and hit PF1. Help text for EDB0139 should be displayed
- Place the cursor on the space between the field label, "LOA:" and the LOA Begin Date, "05/30/08" and hit PF1. Screen level help should be displayed
- Place the cursor on the LOA Begin Date, "05/30/08" and hit PF1. Field level help for EDB0137 should be displayed
- Place the cursor on the dash (-) between the LOA Begin Date and LOA Return Date and hit PF1. Screen level help should be displayed
- Place the cursor on the LOA Return Date, "07/01/08" and hit PF1. Field level help for "EDB0138" should be displayed
- Place the cursor on the space between the LOA Return Date, "07/01/08" and the field label "Type" and hit enter. Screen level help should appear
- Place the cursor on the field label, "Type:" and hit PF1. Field level help for EDB0139 should be displayed
- Place the cursor on the space between the field label, "Type:" and the field data display, "07" and hit PF1. Screen level help should be displayed
- Place the cursor on the field data display for "07" and hit PF1. Field level help for EDB0139 should be displayed
- Place the cursor on the space between the field data display for "07" and the field label for "START" and hit PF1. Screen level help should be displayed

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Verify that the help text for the START field label and data display is correct:

START: 10% 07/01/08-06/30/10

- Place the cursor on the field label, “START:” and hit PF1. Group level help for EDB0495, EDB0496 and EDB0497 should be displayed
 - place the cursor on the number 1 and hit PF1. Help text for EDB0495 should be displayed
 - place the cursor on the number 2 and hit PF1. Help text for EDB0496 should be displayed
 - place the cursor on the number 3 and hit PF1. Help text for EDB0497 should be displayed
- Place the cursor on the space between the field label, “START:” and the START data display for START Reduction Percent, “10%” and hit PF1. Screen level help should be displayed
- Place the cursor on the START field data display, “10%” and hit PF1. Field level help for EDB0495 should be displayed
- Place the cursor on the space between the START field data display, “10%” and the START field data display for START Begin Date, “07/01/08” and hit PF1. Screen level help should be displayed
- Place the cursor on the dash (-) between the START Begin Date, “07/01/08” and START End Date, “06/30/10” and hit PF1. Screen level help should be displayed
- Place the cursor on the START End Date field data display, “06/30/10” and hit PF1. Field level help should be displayed for EDB0497
- Place the cursor on the space between START End Date field data display, “06/30/10” and the field label, “SLCG” and hit enter. Screen level help should be displayed

Verify that the help text for the SLCG field label and data display is correct:

SLCG: 108 05/23/06

- Place the cursor on the field label, “SLCG:” and hit PF1. Group level help for EDB0388 and EDB0389 should be displayed
 - place the cursor on the number 1 and hit PF1. Help text for EDB0388 should be displayed
 - place the cursor on the number 2 and hit PF1. Help text for EDB0389 should be displayed
- Place the cursor on the space between the field label, “SLCG:” and the SLCG data display for SLCG Grade Level, “108” and hit PF1. Screen level help should be displayed
- Place the cursor on the space between the field label for SLCG Grade Level, “108:” and the SLCG data display for SLCG Grade Effective Date, “05/23/06” and hit PF1. Screen level help should be displayed
- Place the cursor on the field data display for the SLCG Grade Level ‘108’ and hit PF1. Field level help for EDB0388 should be displayed.
- Place the cursor on the field data display for SLCG Grade Effective Date, “05/23/06” and hit PF1. Field level help should be displayed for EDB0389

EDB/Entry Update On-line Testing

The following table contains sample test cases used in testing via the EDB/Entry Update system. Campuses may do additional testing, if desired.

File Maintenance Verification

1. Range and Value Edits

1.1 Valid values for START Reduction Percentage

The START Reduction Percentage values must be at least 10, and not more than 50.

Enter the values shown below. Verify that when a valid START Reduction Percentage value is entered, no message is issued. If a non-valid value is entered, message “**Field out of range or illegal value**” is issued.

	START Reduction Percentage	Expected Results
Test 1	09	Message, 'Field out of range or illegal value' is issued.
Test 2	10	No message is issued.
Test 3	21	No message is issued.
Test 4	41	No message is issued.
Test 5	50	No message is issued.
Test 6	51	Message, 'Field out of range or illegal value' is issued.
Test 7	00	Message, 'Field out of range or illegal value' is issued.
Test 8	XX	Message, 'Field out of range or illegal value' is issued.

1.2 Valid date values for START Begin Date

Note: The START program begin date is 07/01/08 for this test plan.

Enter the values shown below. Verify that when valid START Begin Date is entered, no message is issued. If an invalid begin date is entered, verify that message, “**Field out of range or illegal value**” is issued.

	START Begin Date	Expected Results
Test 1	07/01/08	No message is issued.
Test 3	05/32/09	Message, 'Field out of range or illegal value' is issued (day 32 is not valid for the month of May).
Test 3	09/31/08	Message, 'Field out of range or illegal value' is issued (day 31 is not valid for the month of September).
Test 4	13/01/08	Message, 'Field out of range or illegal value' is issued (month 13 is not valid).

1.3 Valid date values for START End Date

Note: The START program end date is 06/30/10 for this test plan.

Enter the values shown below. Verify that when valid START End Date is entered, no message is issued. If an invalid end date is entered, verify that message, “**Field out of range or illegal value**” is issued.

	START End Date	Expected Results
Test 1	12/31/08	No message is issued.
Test 2	06/32/09	Message, 'Field out of range or illegal value' is issued (day 32 is not valid for the month of June).
Test 3	09/31/08	Message, 'Field out of range or illegal value' is issued (day 31 is not valid for the month of September).
Test 4	13/01/08	Message, 'Field out of range or illegal value' is issued (month 13 is not valid).

2. Consistency Edits and Messages

2.1 All Three START data elements must be present.

Enter the values shown below. Verify that if a value for at least one START data element is present while at least one START data element is missing, the message: **“You must indicate values for all START fields”** is issued.

	START Reduction Percentage	START Begin Date	START End Date	Expected Results
Test 1	10	07/01/08	12/31/08	No message issued.
Test 2	blank	07/01/08	12/31/08	Message, ‘You must indicate values for all START fields’ is issued.
Test 3	10	blank	12/31/08	Message, ‘You must indicate values for all START fields’ is issued.
Test 4	10	07/01/08	blank	Message, ‘You must indicate values for all START fields’ is issued.

With the existing values shown below, perform the function as indicated. Verify that if a value for at least one START data element is present while at least one START data element is missing, the message: **“You must indicate values for all START fields”** is issued.

	Existing Values			Changed Values	Expected Results
	START Reduction Percentage	START Begin Date	START End Date		
Test 5	10	07/01/08	12/31/08	Delete START Reduction Percentage	Message, ‘You must indicate values for all START fields’ is issued.
Test 6				Delete START Begin Date	Message, ‘You must indicate values for all START fields’ is issued.
Test 7				Delete START End Date	Message, ‘You must indicate values for all START fields’ is issued.

2.2 START Begin Date must be equal to or later than START Program Begin Date

During the testing phase, the START Program Begin Date was set to 07/01/08 for test purposes only.

Enter the values as shown. Verify that if the START Begin Date is prior to the START program begin date, the message, “**START Begin Date cannot be prior to program begin date**” is issued. Verify that if the START Begin Date is equal to or later than the START program begin date, no message is issued.

	START program begin date	START Begin Date	Expected Results
Test 1	07/01/08	01/31/08	Message, 'START Begin Date cannot be prior to program begin date' is issued.
Test 2		01/30/08	Message, 'START Begin Date cannot be prior to program begin date' is issued.
Test 3		07/01/08	No message issued.
Test 4		09/30/08	No message issued.
Test 5		08/01/09	No message issued.

2.3 START End Date must be prior to July 1, 2010

The START Program End Date is set to 06/30/10.

Enter the values shown below and perform the function as indicated. Verify that if START End Date is not prior to July 1, 2008, the message, “**START End Date must be prior to July 1, 2010**” is issued. Verify that if START End Date is prior to July 1, 2010, no message is issued.

	Existing Values		Changed Values		Expected Results
	START Begin Date	START End Date	START Begin Date	START End Date	
Test 1			07/01/08	06/30/10	No message is issued.
Test 2			07/01/08	07/01/10	Message, 'START End Date must be prior to July 1, 2010' is issued.
Test 3			07/01/08	07/02/10	Message, 'START End Date must be prior to July 1, 2010' is issued.
Test 4	07/01/08	06/30/09		06/30/10	No message is issued
Test 5	07/01/08	06/30/09		07/01/10	Message, 'START End Date must be prior to July 1, 2010' is issued.
Test 6	07/01/08	06/30/09		07/02/10	Message, 'START End Date must be prior to July 1, 2010' is issued.

2.4 START End Date cannot be before START Begin Date

The START Program Begin date is set to 07/01/08 and the START Program End date is set to 06/30/10.

Enter the values shown below and perform the function as indicated. Verify that if START End Date is prior to the START Begin date, the following message, “**START End Date cannot be before Begin Date**” is issued. Verify that if START End Date is not prior to the START Begin date, no message is issued.

	Existing Values		Changed Values		Expected Results
	START Begin Date	START End Date	START Begin Date	START End Date	
Test 1			07/01/08	02/01/09	No message is issued.
Test 2			07/01/08	02/02/10	No message is issued.
Test 3			07/01/08	01/31/08	Message, 'START End Date cannot be before Begin Date' is issued.
Test 4			07/01/08	05/31/08	Message, 'START End Date cannot be before Begin Date' is issued.
Test 5	07/01/08	05/31/09	08/01/08		No message is issued.
Test 6	07/01/08	05/31/09	06/01/09		Message, START End Date cannot be before Begin Date' is issued.
Test 7	07/01/08	09/30/09		05/30/10	No message issued.
Test 8	07/01/09	09/30/09		08/31/08	Message, START End Date cannot be before Begin Date' is issued.

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2.5 No employee START data on record

Enter the values shown below. Verify that when a distribution with a DOS code of 'RTP' is present and there is no START data, message, "**No employee START data on record**" is issued.

	Existing Values				Changed Values	Expected Results
	START Begin Date	START End Date	START Reduction Percentage	DOS Dist Code		
Test 1	07/01/08	06/30/10	10		Add a dist. with a DOS code of 'RTP'	No message is issued.
Test 2	07/01/08	06/30/10	10	REG	Add a dist. with a DOS code of 'RTP'	No message is issued.
Test 3				SDF	Add 2 Dist. with DOS codes of 'RTP' and 'RTS'	Message, 'No employee START Data on record' is issued for each Dist.
Test 4				REG	Change the existing Dist. DOS code to 'STP'	No message is issued.
Test 5	07/01/08	06/30/10	10	RTP	Change the existing Dist. DOS code to 'REG'	No message is issued.
Test 6	07/01/08	06/30/10	10	RTP	Change existing Dist. DOS code to 'REG'	No message is issued.
	07/01/08	06/30/10	10	REG	Change existing Dist. DOS code to 'RTP'	No message is issued.
Test 7				REG	Change existing Dist. DOS code to 'RTP'	Message, 'No employee START Data on record' is issued (each Dist. receives this message).
				REG	Change existing Dist. DOS code to 'RTP'	Message, 'No employee START Data on record' is issued.
Test 8	07/01/08	06/30/10	10	REG	Delete START Data	No message is issued.
Test 9	07/01/08	06/30/10	10	RTP	Delete START Data	Message, 'No employee START Data on record' is issued.
Test 10	07/01/08	06/30/10	10	RTP	Delete START Data	Message, 'No employee START Data on record' is issued.
	07/01/08	06/30/10	10	REG		

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2.6 Distribution end date must not be later than the START End Date

Enter the values as shown. Verify that if START distribution end date is not prior to the START End Date, the message, **“Distribution End Date cannot be later than the START End Date”** is issued.

	Existing Values				Changed Values		Expected Results
	START Begin Date	START End Date	START Reduction Percentage	Dist End Date	START End Date	Dist End Date	
Test 1	07/01/08	06/30/10	10	06/30/10			No message is issued.
Test 2	07/01/08	12/31/09	10	06/30/10			No message is issued.
Test 3	07/01/08	06/30/10	10	07/01/10			Message, “Distribution End Date cannot be later than the START End Date” is issued.
Test 4	07/01/08	06/30/10	10	12/31/10			Message, “Distribution End Date cannot be later than the START End Date” is issued.
Test 5	07/01/08	12/31/09	10	12/31/09	06/30/09		Message, “Distribution End Date cannot be later than the START End Date” is issued.
Test 6	07/01/08	12/31/09	10	12/31/09		01/31/10	Message, “Distribution End Date cannot be later than the START End Date” is issued.
Test 7	07/01/08	12/31/09	10	12/31/09		01/31/10	Message, “Distribution End Date cannot be later than the START End Date” is issued for each Dist.
				12/31/09		01/31/10	Message, “Distribution End Date cannot be later than the START End Date” is issued for each Dist.