

Test Plan
RELEASE 1608

Modify Dependent Edit in Payroll

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Testing Overview

This test plan addresses the test runs and cases constructed to verify the correct installation of Release 1608. 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. Apply Control Table (CTL) Changes (RUN004)
4. Load Data Dictionary for field level help (LOADDDSE)
5. Test CICS Screen IMEM and Program PPWIMEM
6. Test Modifications of Dependent Edit
7. Test Coverage Level Derivation for the new Dependent Relationships
8. Test Compute process for the Coverage Level Derivation
9. Test Monthly Maintenance Modifications for New Mexico Dependents

CONTROL TABLE (CTL) INITIAL LOAD (LOADCTL)

Description

This job loads the DB2 CTL database.

If there are any Control Table Transaction updates for this release, the Control Table Transaction updates are already reflected in the particular PDS members used for the loading of 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.

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 database.

APPLY CONTROL TABLE (CTL) CHANGES (RUN004)

Description

This job applies the new records to the CTL database.

Verification

In order to assure successful completion of this job, verify that all the CTL records have been successfully inserted or updated into the database tables.

Verify that:

1. Changes made to the value of Range/Value field for the data elements EDB0635 and EDB0638 into the table PPPDET. Verify that there will be 2 record changes for each data element, one for the card type 'DM' and another without card type.

<u>Element</u>	<u>Field in PPPDET</u>	<u>Value</u>
EDB0638	DET_VAL_RNG_EDTS	SCOPWGDLKAN
EDB0638	DET_VAL_RNG_EDTS	NYIM

2. Three new records are added into the table PPPCTT (2 for data element EDB0635 and 1 for data element EDB0638).

3. Eighteen new records are added to the messages table PPPMSG with the message numbers 08453, 12453, 08450, 12450, 08451, 12451, 08521, 12521, 08528, 12528, 08538, 12538, 08539, 12539, 08529, 12529, 08493, and 12493.

Also verify the two changes made for the messages 08535 and 12535 in the PPPMSG table.

LOAD Data Dictionary for Field level help (LOADDDSE)

Description

The steps used for loading field level data dictionary are:

1. Go to CICS and enter the command CEMT INQ FI(D21HLP2).
2. Change the status of this file from 'OPE' to 'CLO' and then press Enter.
3. Submit the JCL LOADDDSE which loads these new help definitions to the CICS Help file. These definitions will be used in the CICS screens for help links.
4. Now Go to CICS again and enter the command CEMT INQ FI(D21HLP2).
5. Change the status of this file from 'CLO' to 'OPE' and then press Enter.

Verification

In order to assure successful completion of this job, verify that the LOADDDSE has been successfully restored by verifying normal completion of the job and ensuring that the data elements EDB0635 and EDB0638 in the EDEP screen show these changed help messages.

Test CICS Screen IMEM and Program PPWIMEM

Description

Test the addition of a description 'Child-Disabled' for Non Tax-dependent Overage Disabled Child (Rel Code 'N') when Deenrollment Indicator is 'Y' in the IMEM CICS Membership Data screen .

After successful installation of the CICS program, make a newcopy in the region you are going to test the IMEM screen. After successful newcopy go to PPS and browse an employee with IMEM screen.

Select the employee ID 000050020 with option IMEM in the PPS CICS system. Verify in this screen that for the dependent number 02, the description of relation is 'Child-Disabled'.

Test Modifications of Dependent Edit

Description

After loading the EDB and CTL tables, we will run file maintenance to add few dependents and then check the rejects to verify that the new edits are working correctly. All the transactions needed to add the dependents are in the card member PAYBCC.RLSE.CARDEXP(DEPTEST). Also note that the current date of the EDB which is used to calculate the cutoff date is SCR_CURRENT_DATE is 07/01/2004.

Run the RUNFM file maintenance job with the above card as input. Verify the output of the job and check all the rejects of these transactions which is caused by the newly added edits.

Employee ID 000000001 (PRESIDENT,EXEC)

This employee has no dependent enrolled for benefits. The birth date for this employee is 02/01/1935 which makes this employee's age above 62. Now we have setup the transaction (Dependent Number 01) to enroll an opposite sex domestic partner (relation to emp 'L') with a birth date of 01/16/1991 which is less than 18 years. Also this transaction does not provide SSN for the dependent enrollment.

Verify that this transaction is edited with the following messages and severity.

08-539 5-TRAN REJE DOMESTIC PARTNER NOT ALLOWED - EE OR PARTNER IS UNDER AGE 18

08-478 3-WARNING SSN IS MISSING FOR DOMESTIC PARTNER

Employee ID 000050020 (ABSENT, MARCUS M.)

This employee's gender is Male and has 3 dependents enrolled for benefits (01 – Child(C), 02 – Disabled Child(N), and 03 – Opposite sex domestic partner(L)). The birth date for this employee is 09/18/1957 which makes this employee's age less than 62 but above 18.

Now we have setup the following transactions:

1. To enroll (dependent number 04) an opposite sex domestic partner (relation to emp 'L') whose gender is Male with a birth date of 01/16/1965 which is less than 62 years.
2. To enroll (dependent number 05) a domestic partner (relation to emp 'D') whose gender is Female.
3. To enroll (dependent number 06) a spouse (relation to emp 'S') whose gender is Female.

Verify that these transactions are edited with the following messages and severity.

Dependent number 04:

08-529 5-TRAN REJE DOMESTIC PARTNER NOT ALLOWED - EE AND PARTNER UNDER AGE 62
08-531 5-TRAN REJE DOMESTIC PARTNER ENROLLED: DOMESTIC PARTNER CANNOT BE ADDED
08-538 5-TRAN REJE USE 'D' FOR SAME SEX DOMESTIC PARTNER

Dependent number 05:

08-531 5-TRAN REJE DOMESTIC PARTNER ENROLLED: DOMESTIC PARTNER CANNOT BE ADDED
08-535 5-TRAN REJE USE 'L' FOR OPPOSITE SEX DOMESTIC PARTNER

Dependent number 06:

08-533 5-TRAN REJE DOMESTIC PARTNER ENROLLED: SPOUSE CANNOT BE ADDED

Employee ID 000050055 (BREAD,DALE E.)

This employee's gender is Female and has 1 dependent enrolled for benefits (01 – Domestic Partner(D)). The birth date for this employee is 09/20/1936 which makes this employee's age more than 62.

Now we have setup the following transactions:

1. To enroll (dependent number 03) an opposite sex domestic partner (relation to emp 'L') whose gender is Male with a birth date of 01/16/1968 which is less than 62 years and above 18 years.
2. To enroll (dependent number 04) a domestic partner (relation to emp 'D') whose gender is Female.
3. To enroll (dependent number 05) a spouse (relation to emp 'S') whose gender is Male.

Verify that these transactions are edited with the following messages and severity.

Dependent number 03:

08-531 5-TRAN REJE DOMESTIC PARTNER ENROLLED: DOMESTIC PARTNER CANNOT BE ADDED

Dependent number 04:

08-531 5-TRAN REJE DOMESTIC PARTNER ENROLLED: DOMESTIC PARTNER CANNOT BE ADDED

Dependent number 05:

08-533 5-TRAN REJE DOMESTIC PARTNER ENROLLED: SPOUSE CANNOT BE ADDED

Employee ID 000050069 (AGES,TRUDY)

This employee's gender is Female and has no dependent enrolled for benefits. The birth date for this employee is 10/31/1925 which makes this employee's age more than 62. This employee is a resident of **New Mexico**.

Now we have setup a transaction to enroll to **Legal** benefits (dependent number 01) a Grand Child (relation to emp 'G') with a birth date of 01/17/1972 which is more than 25 years age. The de-enrollment control code is 'M' for this transaction.

Verify that this transaction is edited with the following message and severity.

Dependent number 01:

08-453 5-TRAN REJE DEPENDENT LEGAL ENROLLMENT BLOCKED BECAUSE AGE IS 23 OR OLDER

Employee ID 000050080 (TOESAKS,AL)

This employee's gender is Male and has 2 dependents enrolled for benefits (01 – Spouse (S) and 02 – Child (C)). The birth date for this employee is 09/14/1924 which makes this employee's age more than 62. This employee is a resident of **New Mexico**.

Now we have setup the following transactions:

1. To enroll to **Medical** benefits (dependent number 03) a Child (relation to emp 'C') with a birth date of 01/17/1972 which is more than 25 years.
2. To enroll to **Medical** benefits (dependent number 04) a Child (relation to emp 'C') with a birth date of 10/12/1979 which is more than 23 years and less than 25 years age.

The de-enrollment control code is 'M' for both the transactions.

Verify that these transactions are edited with the following messages and severity.

Dependent number 03:

08-451 5-TRAN REJE DE-ENROLL CONTROL CODE NOT VALID, DEPENDENT IS 25 OR OLDER

Dependent number 04:

08-450 3-WARNING ENROLLMENT ALLOWED ONLY IN INSURED MEDICAL PLANS

Also Check that this dependent is added for this employee and is covered only for Medical.

Employee ID 000050099 (GATE,DELLA)

This employee's gender is Female and has 2 dependents enrolled for benefits (01 – Spouse (S) and 02 – Child (C)). The birth date for this employee is 04/01/1922 which makes this employee's age more than 62.

Now we have setup a transaction to enroll to all the benefits (dependent number 03) an Overage Disabled Child (relation to emp 'N') with a birth date of 01/17/1972 which is more than 25 years age. The de-enrollment control code is spaces for this transaction.

Verify that this transaction is edited with the following message and severity.

Dependent number 03:

08-521 5-TRAN REJE NOT TAX DEP DISABLED CHILD MUST HAVE DISABLED INDICATOR SET TO Y

Employee ID 000050101 (MANDER,SALLY)

This employee's gender is Female and has 1 dependent enrolled for benefits (01 – Spouse (S)). The birth date for this employee is 06/03/1940 which makes this employee's age more than 62.

Now we have setup the following transactions:

1. To enroll (dependent number 02) an opposite sex domestic partner (relation to emp 'L') whose gender is Male with a birth date of 01/16/1968 which is less than 62 years and above 18 years.
2. To enroll (dependent number 03) a domestic partner (relation to emp 'D') whose gender is Female.
3. To enroll (dependent number 04) a spouse (relation to emp 'S') whose gender is Male.

Verify that these transactions are edited with the following messages and severity.

Dependent number 02:

08-532 5-TRAN REJE SPOUSE ENROLLED: DOMESTIC PARTNER CANNOT BE ADDED

Dependent number 03:

08-532 5-TRAN REJE SPOUSE ENROLLED: DOMESTIC PARTNER CANNOT BE ADDED

Dependent number 03:

08-530 5-TRAN REJE SPOUSE ALREADY ENROLLED: SPOUSE CANNOT BE ADDED

Employee ID 444000030 (SIDLER, MATT)

This employee's gender is Male and has 2 dependents enrolled for benefits (01 – Adult Dependent Relative (A) and 02 – Child/Grandchild of Domestic Partner (K)). The birth date for this employee is 03/30/1956 which makes this employee's age more than 18 and less than 62.

Now we have setup a transaction to enroll to medical benefit (dependent number 03) an Opposite Sex Domestic Partner (relation to emp 'L') with a birth date of 01/16/1941 which is more than 62 years age.

Verify that this transaction is edited with the following message and severity.

Dependent number 03:

08-781 5-TRAN REJE MAY NOT ENROLL BOTH DOMESTIC PARTNER & ADULT DEPENDENT RELATIVE

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Employee ID 701000067 (LINCOLN, MARY TODD)

This employee's gender is Female and has no dependent enrolled for benefits. The birth date for this employee is 09/06/1954 which makes this employee's age more than 18 and less than 62. This employee is a resident of **New Mexico**.

Now we have setup a transaction to enroll to dental & vision benefits (dependent number 01) a Child (relation to emp 'C') with a birth date of 01/17/1971 which is more than 25 years of age. The de-enrollment control code is 'M' for this transaction.

Verify that this transaction is edited with the following message and severity.

Dependent number 01:

08-451 5-TRAN REJE DE-ENROLL CONTROL CODE NOT VALID, DEPENDENT IS 25 OR OLDER

Employee ID 701000066 (FOSTER, PAULA A)

This employee's gender is Female and has no dependent enrolled for benefits. The birth date for this employee is 10/16/1949 which makes this employee's age more than 18 and less than 62. This employee is a resident of **California**.

Now we have setup a transaction to enroll to vision & legal benefits (dependent number 01) an Opposite Sex Domestic Partner (relation to emp 'L') with a birth date of 01/16/1941 which is more than 62 years of age. The de-enrollment control code is 'M' for this transaction.

Verify that this transaction is edited with the following message and severity.

Dependent number 01:

08-528 5-TRAN REJE DE-ENROLL CONTROL CODE NOT VALID, EE NOT RESIDENT OF NEW MEXICO

08-493 5-TRAN REJE DE-ENROLL CONTROL CODE NOT VALID, DEPENDENT IS NOT A CHILD

Test Coverage Level Derivation for the new Dependent Relationships

We are also adding the following dependents into the EDB with the relationships, dependent coverage effective date as mentioned in the following table.

The coverage codes are calculated for the new relationships as below:

1. Opposite Sex Domestic Partner (L) is treated the same as for a Same Sex Domestic Partner (D).
2. Non-tax Dependent Disabled Child 'N' is treated the same as for a Child/Grandchild of Domestic Partner 'K' .

Verify that the results match those shown in the grid below. Note that dependent coverage end date is all have been initialized (low date -- coverage not ended).

Employee Id	Enrolled Dependents			Coverage Level 'before'		Coverage Level 'after'	
	Relation to Employee		Dep Cov Eff Date	Med, Den, Vis, Legal	Med, Den, Vis W/o Dom Partner	Med, Den, Vis, Legal	Med,Den,Vis W/O Dom Partner
777555006 (Dep 01 – D Dom Prtnr Exist) BW – Pay Schedule	K --- Child of DP	Medical	11/12/03	UA	UX	UAC	UXY
		Dental	11/12/03	UA	UX	UAC	UXY
		Vision	11/12/03	UA	UX	UAC	UXY
		Legal	11/12/03	UA		UAC	
777555024 (Dep 01 – C Child Exists) MO – Pay Schedule	L --- Opp Sex Dom Prtnr	Medical	11/12/03	U		UA	UX
		Dental	11/12/03	UC		UAC	UXC
		Vision	11/12/03	U		UA	UX
		Legal	11/12/03	U		UA	
777555029 (Dep 01 – S Spouse Exists) MO – Pay Schedule	N --- Non-tax Dep Disabled Child	Medical	11/12/03	UA		UAC	UAY
		Dental	11/12/03	UA		UAC	UAY
		Vision	11/12/03	UA		UAC	UAY
		Legal					
777555032 (Dep 03 – C Child Exists) MO – Pay Schedule	D --- Domestic Partner	Medical	11/12/03	UC		UAC	UXC
		Dental	11/12/03	UC		UAC	UXC
		Vision	11/12/03	UC		UAC	UXC
		Legal	11/12/03	UC		UAC	

Test Compute process for the Coverage Level Derivation

Now run the MO compute **MO073104** and verify that these coverage codes are used to compute the imputed income for the employees 777555024, 777555029 and 777555032 in the report PPP4401.

Employee ID 777555024 (LONGSTREET, PEPIE A)

Check the following from the compute report for this employee:

777555024 LONGSTREET, PEPIE A DEPT: 804918 CHANCELLORS OFFICE

WODM: UX WODD: UXC WODV: UX STATE DP DEC:

701	DP MED DPI	241.98	__C
702	DP MED TIP	19.64	__C
703	DP DNTHL DPI	13.84	__C

Employee ID 777555029 (LAMBERT, MICHAEL WARNER)

Check the following from the compute report for this employee:

777555029 LAMBERT, MICHAEL WARNER DEPT: 804918 CHANCELLORS OFFICE

WODM: UAY WODD: UAY WODV: UAY STATE DP DEC:

701	DP MED DPI	172.91	__C
702	DP MED TIP	21.12	__C
703	DP DNTHL DPI	48.00	__C

Employee ID 777555032 (IMPOSSIBLE, RICHARD THE)

Check the following from the compute report for this employee:

777555032 IMPOSSIBLE, RICHARD THE DEPT: 804918 CHANCELLORS OFFICE

WODM: UXC WODD: UXC WODV: UXC STATE DP DEC:

701	DP MED DPI	272.42	__C
702	DP MED TIP	13.50	__C
703	DP DNTHL DPI	42.65	__C

Test Monthly Maintenance Modifications for New Mexico Dependents

Description

Now we run the monthly maintenance process to test the changes made for the New Mexico dependents. The current date of the EDB (SCR_CURRENT_DATE) is 07/01/2004. The job to run monthly maintenance is **RUN130M** and the month we are going to start is 08/01/2004.

The JCL RUNQUERY has a SQL to select all the New Mexico employees' dependents details (employee id, dependent number, birth date, medical/dental/vision/legal coverage end dates, relationship to employee and disabled code) whose birth dates are between 01/01/1979 and 12/31/1981. Submit the JCL which gives all the details of the New Mexico dependents mentioned above. The following table gives all the details by this SQL query.

	EMP ID	DEP	BIRTHDAY	MEDIENDD	DENTENDD	VISNENDD	LEGL ENDD	REL	DIS
1_	000050011	02	08/08/1979	01/01/0001	01/01/0001	01/01/0001	01/01/0001	C	M
2_	000050011	03	09/20/1979	01/01/0001	01/01/0001	01/01/0001	01/01/0001	C	M
3_	000050011	04	07/12/1979	01/01/0001	01/01/0001	01/01/0001	01/01/0001	C	M
4_	000050015	02	09/04/1981	01/01/0001	01/01/0001	01/01/0001	01/01/0001	C	M
5_	000050015	03	08/08/1981	01/01/0001	01/01/0001	01/01/0001	01/01/0001	C	M
6_	000050015	04	10/12/1981	01/01/0001	01/01/0001	01/01/0001	01/01/0001	C	M
7_	000050080	04	10/12/1979	01/01/0001	01/01/0001	01/01/0001	01/01/0001	C	M

Run the RUN130M monthly maintenance job with 08 month as input. After successful run of the job, submit RUNQUERY to get all the dependents details mentioned above. The following table gives all the details by this SQL query.

	EMP ID	DEP	BIRTHDAY	MEDIENDD	DENTENDD	VISNENDD	LEGLE NDD	REL	DIS
1_	000050011	02	08/08/1979	08/31/2004	08/31/2004	08/31/2004	08/31/2004	C	M
2_	000050011	03	09/20/1979	09/30/2004	09/30/2004	09/30/2004	09/30/2004	C	M
3_	000050011	04	07/12/1979	07/31/2004	07/31/2004	07/31/2004	07/31/2004	C	M
4_	000050015	02	09/04/1981	01/01/0001	01/01/0001	01/01/0001	09/30/2004	C	M
5_	000050015	03	08/08/1981	01/01/0001	01/01/0001	01/01/0001	08/31/2004	C	M
6_	000050015	04	10/12/1981	01/01/0001	01/01/0001	01/01/0001	01/01/0001	C	M
7_	000050080	04	10/12/1979	01/01/0001	01/01/0001	01/01/0001	01/01/0001	C	M

Verify the coverage end dates for the new mexico dependents selected above.

Employee ID 000050011

Dependent Number 02:

The birth date for this dependent is 08/08/1979 which makes this dependent's age will be more than 25 years during the month of the monthly maintenance 08 / 2004. Verify that all of this dependents benefit is ending at the end of the current month 08/31/2004.

Dependent Number 03:

The birth date for this dependent is 09/20/1979 which makes this dependent's age will be more than 25 years during the next month of the monthly maintenance 08 / 2004. Verify that all of this dependents benefit is ending at the end of the next month 09/30/2004.

Dependent Number 04:

The birth date for this dependent is 07/12/1979 which makes this dependent's age will be more than 25 years during the previous month of the monthly maintenance 08 / 2004. Verify that all of this dependents benefit is ending at the end of the previous month 07/31/2004.

Employee ID 000050015

Dependent Number 02:

The birth date for this dependent is 09/04/1981 which makes this dependent's age will be more than 23 years during the next month of the monthly maintenance 08 / 2004. Verify that this dependents legal benefit is ending at the end of the next month 09/30/2004. Also verify that all the other benefits (medical, dental, and vision) are not ended.

Dependent Number 03:

The birth date for this dependent is 08/08/1981 which makes this dependent's age would be more than 23 years during the current month of the monthly maintenance 08 / 2004. Verify that this dependents legal benefit is ending at the end of the current month 08/31/2004. Also verify that all the other benefits (medical, dental, and vision) are not ended.

Dependent Number 04:

The birth date for this dependent is 10/12/1981 which makes this dependent's age will be less than 23 years till the end of next month of the monthly maintenance 08 / 2004. Verify all the benefits (medical, dental, vision, and legal) are not ended.

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Employee ID 000050080

Dependent Number 04:

The birth date for this dependent is 10/12/1979 which makes this dependent's age will be more than 23 years and less than 25 years at the end of the next month 09/30/2004. Since this dependent is covered only for Medical, the coverage is not ended for this dependent.