Service Request 83693

Send VSP Enrollment Flag to Medical Plans

Technical Specification

August 22, 2012

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Information Resources & Communications
Office of the President
University of California
Version History

<table>
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<th>Version #</th>
<th>Date</th>
<th>Revised By</th>
<th>Reason for Change</th>
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<td>1.0</td>
<td>08/16/2012</td>
<td>Baskar Chitravel</td>
<td>Initial version</td>
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<td>1.1</td>
<td>08/22/2012</td>
<td>Baskar Chitravel</td>
<td>Updated PIN changes</td>
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1 Introduction

Release 1863 added Medical Plan Code field into the employee and dependent records of the carrier file for VSP carriers. In order to support the integration of healthcare services between medical care providers and vision care providers, SR83693 requests a VSP enrollment flag to be added into the carrier file.

1.1.1 Service Request 83693

SR83693 asks PPS to add a flag to identify participants who are also enrolled in VSP into the employee and dependent records of the carrier file for medical insurance carriers.

Only for the file passed to UBH, the PIN process should be modified to overwrite position 259 in the employee and dependent records with spaces.

2 Overview of System Modifications

The PPS/PIN changes required are the following:

a) In the CPWSDDCT copylib member, in the Employee and Dependent Data Record, add a new field (1 character) VSP Enrollment Flag at position 259.

b) In the program PPP560, populate the new VSP Enrollment Flag as below:
   • Move a default value of blank.
   • If the employee is enrolled in one of the following Medical Plan Codes: BC, BL, BP, CM, HB, HE, HN, or WH, then
     If the Employee and Dependent Data records are for VSP plans,
     Move ‘Y’ to the new VSP Enrollment Flag
     However, if the records are not for VSP plans,
     Move ‘N’ to the new VSP Enrollment Flag
c) In the PINCAR1 JCL, change EDIFILE to EDIFILT in the PARM.PSTEP09 input.

d) In the PINCAR1 PROC, create a new set of temporary files with the 2nd node EDIFILT for B1, CG, H1, KN, KS, and WH, which will have a blank value at position 259.

e) The file created by PIN for Thompson Reuters with the new flags should be provided to Thompson Reuters as part of PIN testing.

3 Design Considerations

3.1 Assumptions and Dependencies

- This new field is populated with ‘Y’ or ‘N’, only if the employee is enrolled in any one of the Medical Plan Codes listed below:
  - ‘BC’ - Blue Cross Plus
  - ‘BL’ - Anthem Lumenos PPO with HRA
  - ‘BP’ - Blue Cross PPO
  - ‘CM’ - Core Medical
  - ‘HB’ - Health Net Blue & Gold HRA
  - ‘HE’ - Health Net Primary EPO
  - ‘HN’ - Health Net HMO
  - ‘WH’ - Western Health Advantage

  Note: If the employee or dependents, who are not enrolled in any of the above listed Medical Plan codes, then populate the new VSP enrollment flag with spaces.

- Since the new flags are not passed to UBH, the PIN job PINCAR1 should be modified to move spaces into the new flags of UBH file.
4 Mainframe Design

4.1 Enrollment File records

4.1.1 COBOL Program

4.1.1.1 PPP560

WORKING-STORAGE

Define a working variable for storing VSP Enrollment Flag derived from Health and Vision plans as below:

```
10  WS-PSBP-COVRGE-DATE.
   15  WS-PSBP-COVRGE-DATE-YR   PIC X(2).
   15  WS-PSBP-COVRGE-DATE-MO   PIC X(2).
   15  WS-PSBP-COVRGE-DATE-DA   PIC X(2).
10  WS-DERIVED-VSP-ENROLL-FLAG   PIC X(1) VALUE SPACE.
10  WS-HLTH-PLAN            PIC X(2).
10  WS-EMP-MEDICAL-PLAN     PIC X(2).
```

PROCEDURE DIVISION

PPP560 creates the Enrollment File and Benefits Deduction Register report.

This program will be modified to populate the new VSP Enrollment Flags that are added to the CPWSDDCT copylib member in the Employee and Dependent Data Records (1 character - postion 259).
Derive work VSP Enrollment Flag for an Employee

In the SQL-FETCH-BASE-9120 paragraph, add the derivation of VSP Enrollment flag after fetching BEN row as below:

```
SQL-FETCH-BASE-9120.
   PERFORM SQL-FETCH-PER-9150.
   IF SQLCODE > 0
     ...  
     MOVE XDC3-STD-DATE TO WS-EMP-CVRG-EFFDATE-VIS
   END-IF
   MOVE SPACE TO WS-DERIVED-VSP-ENROLL-FLAG
   IF HLTH-PLAN = ('BC' OR 'BL' OR 'BP' OR 'CM' OR 'HB' OR 'HE' OR 'HN' OR 'WH')
     IF VIS-PLAN = 'VI'
       MOVE 'Y' TO WS-DERIVED-VSP-ENROLL-FLAG
     ELSE
       MOVE 'N' TO WS-DERIVED-VSP-ENROLL-FLAG
     END-IF
   END-IF
   IF LEGAL-PLAN = ('XC' OR 'XD')
     MOVE SPACES TO WS-LEGAL-PLAN
     ...  
     MOVE XDC3-STD-DATE TO WS-EMP-CVRG-EFFDATE-LEG
   END-IF
   ELSE
     MOVE SPACES TO WS-HLTH-DEENROLL
     MOVE SPACES TO WS-DENTAL-DEENROLL
     ...  
     MOVE '0001-01-01' TO WS-VIS-ISO-EARNEFFDATE
     MOVE SPACE TO WS-DERIVED-VSP-ENROLL-FLAG
     MOVE SPACES TO WS-LEGAL-PLAN
```
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Initialize Employee VSP Enrollment Flag

In the CREATE-COMMON-DEDUCT-3560 section, move blank to VSP Enrollment flag in the Employee Record as below:

CREATE-COMMON-DEDUCT-3560 SECTION.
*
    MOVE '01' TO XDED-REC-TYPE.
    ...
ELSE
    MOVE EMP-REP-CODE TO XDED-EMP-COVERAGE-IND.
    
    MOVE SPACES TO XDED-EMP-MEDICAL-PLAN.
    MOVE SPACES TO XDED-VSP-ENROLLMENT-FLAG.
    PERFORM 9700-SELECT-HME-ROW.

Populate Employee VSP Enrollment Flag

In the CHECK-OTHER-HLTH-3541 paragraph of the section CREATE-DEDUCT-TAPE-3540, populate the VSP Enrollment flag of the Employee Records that are sent to the Medical Carriers only (and blank out for other carriers) as below:

CREATE-DEDUCT-TAPE-3540 SECTION.
*
    PERFORM CREATE-COMMON-DEDUCT-3560.
    SET WT1-IX1 TO 1.
    CHECK-OTHER-HLTH-3541.
*
    IF WT1-IX1 > 7
        MOVE SPACES TO XDED-VSP-ENROLLMENT-FLAG
        GO TO CHECK-DENTAL-3542.
        SET WS-CURRENT-BEN-MED TO TRUE.
        MOVE WS-DERIVED-VSP-ENROLL-FLAG TO XDED-VSP-ENROLLMENT-FLAG
        IF WT1-ACT-PREM (WT1-IX1) NOT = ZERO
            OR WT1-PLAN (WT1-IX1) NOT = SPACES
Initialize Dependent VSP Enrollment Flag

In the MOVE-COMMON-DEPDATA-7450 section, move blank to VSP Enrollment flag in the Dependent Record as below:

MOVE-COMMON-DEPDATA-7450 SECTION.
  MOVE '02' TO XDED-REDE-REC-TYPE.
  ...
  MOVE DEP-DISABLED-CODE TO XDED-REDE-DEP-DIS.
  MOVE SPACES TO XDED-REDE-DEP-VSP-ENROLL.
  MOVE SPACES TO XDED-REDE-DEP-RESERVED-1
  XDED-REDE-DEP-RESERVED-2.

Populate Dependent VSP Enrollment Flag

In the SQL-FETCH-DEP-9096 section, populate the VSP Enrollment flag of the Dependent Records that are sent to the Medical Carriers only (and blank out for other carriers) as below:

SQL-FETCH-DEP-9096 SECTION.
  MOVE 'FETCH DEP CURSOR' TO DB2MSG-TAG
  ...
  ELSE
    PERFORM MOVE-COMMON-DEPDATA-7450
    IF WS-HLTH-BENEFIT
      MOVE WS-DERIVED-VSP-ENROLL-FLAG TO XDED-REDE-DEP-VSP-ENROLL
      IF DEP-HLTH-COVEFFDT NOT = XDC3-LOW-ISO-DATE
      AND DEP-HLTH-COVENDDT  = XDC3-LOW-ISO-DATE
      PERFORM CHECK-DEP-EFFDATE-MED-7320
    ELSE
      IF DEP-HLTH-COVENDDT NOT = XDC3-LOW-ISO-DATE
      PERFORM CHECK-DEP-END-DATE-MED-7321
    END-IF
  END-IF
  MOVE SPACES TO XDED-REDE-DEP-VSP-ENROLL
END-IF
IF WS-DENT-BENEFIT
  IF DEP-DENTL-COVEFFDT NOT = XDC3-LOW-ISO-DATE
4.1.2 Copy Members

4.1.2.1 CPWSDDCT

In the Employee Data Record, add a new field (1 character) VSP Enrollment Flag at position 259 as below:

```pln
05 XDED-EMP-DATA-REC.
   10 XDED-REC-TYPE     PIC X(02) VALUE SPACE.
   . . . .
   10 XDED-DEPT-LOC-IND PIC X(01) VALUE SPACE.
   10 FILLER            PIC X(01) VALUE SPACE.
   10 XDED-VSP-ENROLLMENT-FLAG PIC X(01) VALUE SPACE.
   10 XDED-RESERVED-3   PIC X(10) VALUE SPACE.
   10 XDED-LOCATION-CODE PIC X(02) VALUE SPACE.
   10 XDED-SORT-KEY     PIC X(02) VALUE SPACE.
```

In the Dependent Data Record, add a new field (1 character) VSP Enrollment Flag at position 259 as below:

```pln
05 XDED-DEP-DATA-REC.
   10 XDED-REDE-REC-TYPE PIC X(02) VALUE SPACE.
   . . . .
   10 XDED-REDE-DEP-COVENDDT.
   15 XDED-REDE-DEP-END-CC PIC X(02) VALUE SPACE.
   15 XDED-REDE-DEP-END-YY PIC X(02) VALUE SPACE.
   15 XDED-REDE-DEP-END-MM PIC X(02) VALUE SPACE.
   15 XDED-REDE-DEP-END-DD PIC X(02) VALUE SPACE.
   10 XDED-REDE-DEP-FILLER       PIC X(147) VALUE SPACE.
   10 XDED-REDE-DEP-FILLER-1    PIC X(145) VALUE SPACE.
   10 XDED-REDE-DEP-VSP-ENROLL  PIC X(01) VALUE SPACE.
   10 XDED-REDE-DEP-FILLER-2    PIC X(01) VALUE SPACE.
   10 XDED-REDE-DEP-RESERVED-3  PIC X(09) VALUE SPACE.
   10 XDED-REDE-LOCATION-CODE   PIC X(02) VALUE SPACE.
   10 XDED-REDE-SORT-KEY        PIC X(02) VALUE SPACE.
```
4.1.3 PIN Changes

PIN Job PINCAR1 does the following:

1. Receive the carrier files that are produced at each campus location by running program PPP560 in the name below:
   FTPUSRx.PUT.DED560.mmmyy,
   where x = campus number 1 – 9, LB, A, and H; mmm = JAN thru DEC; yy = year 01 thru 99.

2. Merges and sorts them into a single file to be inputted into PINCAR1 program to produce the file below:
   PIN.EDIFILE. mmmyy

3. The above file will be split into one file each for Bargaining Units as below:
   PIN.EDIFILE.bu.mmmyy, where bu = CG, D1, D3, H1, J2, KN, KS, KU, KW, P1, P2, P3, P4, P5, VI, and WH

4. The union’s systems at UBH, Thomson Reuters (TR), Avidity (AV), and Garnett Powers (GP) will receive the
   concatenated files that are setup in then PIN Card library PRO.CTL.CNTLIB(PINCAR1 thru 4) depending on
   their processing Bargaining Units into the following files:
   PIN.FTPsys.mmmyy, where sys = UBH, AV, GP, and TR

In the PINCAR1 JCL in PRO.CTL.ZEKEJCL, change EDIFILE to EDIFILT (temp EDIFILE) in the PARM.PSTEP09
input as below:

//STEP1 EXEC PINCAR1,MMM=$1MM,YY=$CY,
//  PARM.PSTEP08='PINBUILD $1MM.$CY PIN EDIFILE PAYROLL',
//  PARM.PSTEP09='PINBUILD $1MM.$CY PIN EDIFILT PAYROLL',
//  PARM.PSTEP10='PINBUILD $1MM.$CY PIN EDIFILE',

Setup an input card PINCARS7 in PRO.CTL.CNTLIB with the following attributes (as in PRO.CTL.CNTLIB(PP1MRC25)
to replace all the ‘Y’ or ‘N’ at position 259 to blank):

   SORT FIELDS=COPY
   INREC IFTHEN=(WHEN=(259,1,CH,EQ,C'Y',
                    OR,259,1,CH,EQ,C'N'),
                OVERLAY=(259:C’ ’))
PIN Job PINCAR1 in PRO.CTL.PROCLIB needs the following changes so that UBH file will be the same after the change:

In PSTEP01, delete all the six temporary files that will be created in the later steps for the Bargaining Units defined in PINCARD2:

```
//buFILT DD DSN=&PREFIX..EDIFILT.bu.&MMM&YY,
// DISP=(MOD,DELETE,DELETE),
// UNIT=3390,SPACE=(TRK,0)
```

where, \( bu = B1, \) CG, H1, KN, KS, or WH

PSTEP09 step executes a REXX program to generate FTP commands for UBH. For each temporary EDIFILT, we should add a new SORT step to replace position 259 to spaces, if a non-blank value is present at position 259.

After PSTEP07, add 6 steps to SORT each EDIFILE (for B1, CG, H1, KN, KS, and WH) to create EDIFILT with the SORT card PINCARS7 to remove ‘Y’ or ‘N’ to blank as below:

Sample Step:

```
//PSTEP07n EXEC PGM=SORT
//SORTIN DD DSN=&PREFIX..EDIFILE.bu.&MMM&YY,DISP=SHR
//buFILT DD DSN=&PREFIX..EDIFILT.bu.&MMM&YY,
// DISP=(,CATLG,DELETE),
// UNIT=3390,SPACE=(CYL,(250,25),RLSE),
// DCB=(RECFM=FB,LRECL=273)
//SORTWK01 DD UNIT=SYSDA,SPACE=(CYL,(10,1))
//SORTWK02 DD UNIT=SYSDA,SPACE=(CYL,(10,1))
//SORTWK03 DD UNIT=SYSDA,SPACE=(CYL,(10,1))
//SORTWK04 DD UNIT=SYSDA,SPACE=(CYL,(10,1))
//SYSOUT DD SYSOUT=* 
//SYSUDUMP DD SYSOUT=* 
//SYSIN DD DSN=&CARDLIB(PINCARS7),DISP=SHR
//***SORT FIELDS=COPY
//***INREC IFTHEN=(WHEN=(259,1,CH,EQ,C'Y',
// OR,259,1,CH,EQ,C'N'),
// OVERLAY=(259:C' '))
//*
```

where, \( bu = B1, \) CG, H1, KN, KS, or WH

\( n = 1 \) thru 6
5 Unit Testing Requirements

5.1.1 PPP560 Program Changes

Load a test EDB and CTL from Base.

Run program PPP560 against this EDB with an input PAR file from a compute to produce the Enrollment Activity Extract file. Verify that the job completed successfully.

Run a query from PPPBEN to get the EMPLOYEE-ID, HLTH-PLAN, HLTH-COVEFFDATE, HEALTH-COVEND-DATE, VIS-PLAN, VIS-COVEFFDATE, VISION-COVEND-DATE.

From the query results, select few employees’ HLTH-PLAN and VIS-PLAN with a valid coverage. For these selected employees, verify the following in the Enrollment Activity Extract file:

- If the HLTH-PLAN is found in the list: BC, BL, BP, CM, HB, HE, HN, or WH, then verify the employee record, which starts with ‘01’ and has the above plan code at 3rd position, has a value of ‘Y’ or ‘N’ at position 259.

  In addition, if the VIS-PLAN is ‘VI’, then position 259 should be ‘Y’. Otherwise, it should be ‘N’ as default.

- Repeat the above case for dependent records that starts with ‘02’.

- If the HLTH-PLAN is not found in the list: BC, BL, BP, CM, HB, HE, HN, or WH, then verify the employee record that starts with ‘01’ and the above plan code at 3rd position, has a blank value at position 259.

  In addition, regardless of the VIS-PLAN value (VI’ or not), position 259 should always be blank.

- Repeat the above case for dependent records that starts with ‘02’.
5.1.2 PIN Changes

After the PINCAR1 job run, verify that 6 new files with the below names are created with the same number of records as input files and all the data between the input/output matches after masking position 259:

Input: PIN.EDIFILE.bu.&MMM&YY
Output: PIN.EDIFILT.bu.&MMM&YY \(\rightarrow\) where, \(bu\) = B1, CG, H1, KN, KS, or WH

Verify the contents of the FTP commands file produced in PSTEP09 (PIN.FTPUBH.&MMM&YY) and the entries should now show the new temporary files PIN.EDIFILT.bu.&MMM&YY.

Compare the UBH files (PAYROLL.bu.mmmyy) from PIN before and after the change. There should be no change between the two files.

Vendor Relations Management will coordinate testing with the medical plans and with Thompson Reuters file (PIN.FTPTR.mmmyy).

The file to Garnett Powers (PIN.FTPGP.mmmyy) should not be changed as well since they are set to receive P1 thru P5 (Post Doc) records.

From the following, which is the setup in PIN for the different FTP targets, Avidity and Thomson Reuters are setup to receive the new changes. Therefore, AV and TR should be checked for values in the new field at position 259.

**Affected Plans -- BC, BL, BP, CM, HB, HE, HN, WH**

<table>
<thead>
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<th>CARD1 - AV</th>
<th>CARD2 - UBH</th>
<th>CARD3 - GP</th>
<th>CARD1 - TR</th>
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<tr>
<td>B1</td>
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<td>P1</td>
<td>B1</td>
</tr>
<tr>
<td>CG</td>
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<td>P2</td>
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*Note*: PSTEP02 - changes codes

| P1         | B1         |
| P5         | BC         |
| VI         | BP         |
| WH         | CM         |
| B1         |            |