Release 1334

Service Requests 14844, 14850
W-4 Tax Withholding Process
Phase II

INSTALLATION INSTRUCTIONS

February 20, 2001
Revised (March 2, 2001)

Information Systems & Computing
Office of the President
University of California
Introduction

This document provides installation instructions for release 1334. Please review these instructions carefully before proceeding with the installation.
Installation Sequence

1. Create Table PPPW4D in PCD using the RC/MIGRATOR.

   RC/Migrator strategies R1334U in the ANALYSIS PDS can be used to perform the DB2 changes, or the environments may be updated using the DDL members which were also provided. **In any event, the provided DDL members should be installed into production so that they will be available when needed in the future.** You should also be aware that the strategies do not provide for local changes to referenced objects.

   If you do not wish to use the RC/Migrator strategies, skip this step and continue with step 2.

   a) Modify ANALYSIS member R1334U by replacing “*AUTHID*” with the appropriate campus value, and replacing database “PPPPCD” with the name of the actual database to be updated.

   b) Use RC/Migrator to execute the strategies.

   c) Skip steps 2 through 4 and continue with step 5.

2. Install the following **new** DDL’s after replacing *AUTHID* with the campus Authid. Replace database name “PPPPCD” with the name of the actual database to be updated if necessary.

   a) IXW4D00C
   b) TBW4D00C
   c) TSW4D00C
   d) PPPVZW4D

3. Create the W4D Table:

   a) Create the PPPW4D Table Space by executing DDL member TSW4D00C.

   b) Create the PPPW4D Table by executing DDL member TBW4D00C.

   c) Create the index to Table PPPW4D by executing DDL member IXW4D00C.
4. Create view using the following DDL:

<table>
<thead>
<tr>
<th>DDL Members</th>
<th>View</th>
<th>View Created?</th>
</tr>
</thead>
<tbody>
<tr>
<td>PPPVZW4D</td>
<td>PPPVZW4D_W4D</td>
<td></td>
</tr>
</tbody>
</table>

5. Install the following modified COPYMEMBER:

<table>
<thead>
<tr>
<th>Copylib Members</th>
<th>Installed?</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPWSXEST</td>
<td></td>
</tr>
</tbody>
</table>

6. Install the following new COPYMEMBERS:

<table>
<thead>
<tr>
<th>Copylib Members</th>
<th>Installed?</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPWSHTXW</td>
<td></td>
</tr>
<tr>
<td>UCWSTAXM</td>
<td></td>
</tr>
<tr>
<td>UCWSTAXW</td>
<td></td>
</tr>
</tbody>
</table>

7. Install the following new INCLUDE members:

<table>
<thead>
<tr>
<th>Include Members</th>
<th>Installed?</th>
</tr>
</thead>
<tbody>
<tr>
<td>PPPVZW4D</td>
<td></td>
</tr>
</tbody>
</table>

8. CICS Map Generation:
   a) Install the source code member listed in the following table:
   b) Use SDF II option 6 to generate the BMS macro and the COBOL data structure.
   c) Assemble the BMS macros to produce the physical map description used by CICS/BMS.

<table>
<thead>
<tr>
<th>Map Name</th>
<th>DGIPNL Member</th>
<th>Installed?</th>
<th>Generated</th>
<th>Assembled?</th>
</tr>
</thead>
<tbody>
<tr>
<td>PPHRFT3</td>
<td>PPHRFT3</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
9. Bind Members:

a) Install the following new Bind members.

<table>
<thead>
<tr>
<th>Bind Members</th>
<th>Installed?</th>
</tr>
</thead>
<tbody>
<tr>
<td>PPP776</td>
<td></td>
</tr>
<tr>
<td>UCTAXDOC</td>
<td></td>
</tr>
<tr>
<td>UCTAXMLR</td>
<td></td>
</tr>
</tbody>
</table>

10. COBOL Program Installation

At UCOP, all COBOL programs pass through the DB2 pre-compiler, whether or not the program contains embedded SQL, to resolve INCLUDE references. Your site may have different requirements.

**Note:** "DUAL" programs must be compiled twice and linked into batch and online libraries ("LOADLIB" and "OLOADLIB" respectively). "CICS" programs must be CICS pre-compiled and compiled once and linked into OLOADLIB. "BATCH" programs must be compiled once and linked into the batch LOADLIB only.

a) Install, compile and link the **new** programs listed in the following table.

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>DB2 Pre-Compile</th>
<th>Compile</th>
<th>Package Bind?</th>
<th>Done?</th>
</tr>
</thead>
<tbody>
<tr>
<td>PPEC730</td>
<td>Yes</td>
<td>Dual</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>PPP776</td>
<td>Yes</td>
<td>Batch</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>UCTAXDOC</td>
<td>Yes</td>
<td>CICS</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>UCTAXMLC</td>
<td>Yes</td>
<td>CICS</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>UCTAXMLR</td>
<td>Yes</td>
<td>CICS</td>
<td>Yes</td>
<td></td>
</tr>
</tbody>
</table>

Table 1
b) Modify, install, compile and link the **modified** programs listed in the following table.

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>DB2 Pre-Compile</th>
<th>Compile</th>
<th>Package Bind?</th>
<th>Done?</th>
</tr>
</thead>
<tbody>
<tr>
<td>PPAPHRKS</td>
<td>Yes</td>
<td>CICS</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>PPAPHRLF</td>
<td>Yes</td>
<td>CICS</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>PPAPHRSR</td>
<td>Yes</td>
<td>CICS</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>PPEG370</td>
<td>No</td>
<td>Dual</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>PPEI370</td>
<td>Yes</td>
<td>Dual</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>PPEI402</td>
<td>Yes</td>
<td>Dual</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>PPESTEDB</td>
<td>Yes</td>
<td>Batch</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>PPWIHTX</td>
<td>Yes</td>
<td>CICS</td>
<td>Yes</td>
<td></td>
</tr>
</tbody>
</table>

Table 2

11. Bind the following Plans.

<table>
<thead>
<tr>
<th>Bind Plans</th>
<th>Done?</th>
</tr>
</thead>
<tbody>
<tr>
<td>PPP130</td>
<td></td>
</tr>
<tr>
<td>PPP776</td>
<td></td>
</tr>
</tbody>
</table>

12. CICS HELP

a) Import revised CICS HELP anchors data from PAYDIST.R1334.HELPANCH (refer to sample JCL in PAYDIST.R1334.JCL(LOADANCH)).

b) Import new CICS HELP screen data from PAYDIST.R1334.HELPSCRN (refer to sample JCL in PAYDIST.R1334.JCL(LOADSCRN)).

13. Processing Program Table entries are required for the following new programs and Transaction ID. The CICS Resource Definition Operations (RDO) are provided in the release CARDLIB member RDOPROD. Replace *GROUPID* with the campus group.
At UCOP, a new Transaction ID value of T005 is defined; campuses should replace the new Transaction ID value as appropriate in the RDO member.

a) UCTXDOC
b) UCTXMLC
c) UCTXMLR
d) PPEC730
e) T005 – Transaction ID

14. CICS Resource Definition

a) Destination Control Table (DCT)

Similar to the existing source for the E-mail process of the PAN Subsystem which has DESTID=PANQ, a new TAXQ transient data queue in the DCT Table must be defined as follows.

TAXQ DFHDCT TYPE=INTRA, TAX DOCUMENT QUEUE FOR EMAILING -
DESTID=TAXQ, -
DESTFAC=FILE, -
DESTRCV=LG, RECOVERABLE -
TRANSID=T005, -
TRIGLEV=1 -

A sample of the above source is in PAYDIST.R1334.CARDLIB (DCT). At UCOP the TRANSID value is set to T005. The above source requires that the Systems Group assemble the source for the appropriate CICS region and place in the appropriate CICS Loadlib.

b) CICS/DB2 Resource Control Table (RCT)

Similar to the existing source for the Email process of the PAN Subsystem which has TXID=T004 (at UCOP), an entry to the RCT Table for new Transaction T005 is as follows:

DSNCRCT TYPE=ENTRY, -
TXID=T005, -
THRDM=04, -
THRDA=04 -
PLAN=XXXXXX -
AUTHID=(SIGNID,*,*) -
TWAID=YES -
A sample of the above source is in PAYDIST.R1334.CARDLIB (RCT). Each campus should determine the actual values for the PLAN and TXID parameters. At UCOP, the TXID is set to T005. The above source requires that the Systems Group assemble the source for the appropriate CICS region and place in the appropriate CICS Loadlib.

15. Security Considerations

RACF Security Changes

(a) If RACF security changes for function code IHTX has not already been made for Release 1325,

Define protected access profile in the installation-defined resource class for function IHTX.

Permit READ access to function IHTX to the individual users or groups authorized to the use the function.

(b) Similar to the existing PAN Subsystem which runs in Transaction T004 (at UCOP), create a resource profile in class TCICSTRN for transaction T005, universal with access of “NONE”. Users are not required to startup T005 as they currently do for T001.

16. Process Control Database (PCD) Updates

a) Three existing PCD Tables UC0PFF and UC0PFK and new PCD Table PPPW4D must be updated with new records. The records for inserting into the UC0PFF, UC0PFK, and PPPW4D Tables are in PAYDIST.R1334.UDB2PCDR.

The JCL in PAYDIST.R1334.JCL (LOADPCDR) sent with this release inserts records to the UC0PFF, UC0PFK, and PPPW4D Tables. In addition, The JCL contains a step which converts the ‘REPLACE’ to RESUME in the $$LOAD member.

b) Update existing row in PCD Table UC0CFN.

No transaction is provided to update a specific row in the UC0CFN Table. It must be manually updated using whatever available utility at your location.

The value of ‘I’ (from Release 1325) associated with the CFN_FUNCTION_TYPE column must be replaced with a value of ‘S’ for Subsystem ID ‘HR’ and CFN_FUNCTION_ID ‘IHTX’. At UCOP, DB2 Fileaid was used to update the specific...
CFN row. Campuses should use whatever utility available to update the CFN row per above.

17. Setting of Status Message Switch in UCTAXMLR

As released in program UCTAXMLR, the Status Message Switch named “WS-VERBOSE-MODE” is set to ‘Y’ in section 0100-INITIALIZATIONS to write status messages to the PMSG queue which can be viewed in the CICS Startup JCL.

Campuses should consider turning this switch OFF (SET WS-VERBOSE-OFF-MODE TO TRUE) in production and using it for debugging only.

18. PC Configuration

An electronic facsimile W4/DE4 document is sent to the mail server from the CICS On-line System to the specified Email Address as an email attachment with a file name of “W4de4.certif.txt”.

The appropriate PC should be configured to open up a browser when a file is associated with an extension of ‘TXT’. Thus, the appropriate browser will be launched when the filename in the email is clicked.

19. Execute and verify the rest of the test plan, per supplied instructions.

20. Perform any desired additional campus testing.

21. Install Control Table (CTL) updates into production.

Execute PPP010 to update the VSAM production System Messages Table, Data Element Table, Routine Definition Table, and Processing Group Table with the transactions supplied in the following release CARDLIB files.

- MSGPROD
  
  Use the transactions in CARDLIB(MSGPROD), or key from the provided facsimile UPAY554 form. These transactions may be used both for testing and production, with the approval of your campus Payroll Manager.

- DETPROD
Use the transactions in CARDLIB(DETPROD), or key from the provided facsimile UPAY553 form. These transactions may be used both for testing and production, with the approval of your campus Payroll Manager.

- **RTDPROD**

  Use the transactions in CARDLIB(RTDPROD), or key from the provided facsimile UPAY804 form. These transactions may be used both for testing and production, with the approval of your campus Payroll Manager.

- **PGTPROD**

  Use the transactions in CARDLIB(PGTPROD), or key from the provided facsimile UPAY803 form. These transactions may be used both for testing and production, with the approval of your campus Payroll Manager.

Update the DB2 production tables by executing program PPP851 for Tables 06, 08, 36 and 37.

22. **JCL Changes**

   a) Modify any JCL to load and unload the PCD by adding the new PCD table PPPW4D.

   Samples UNLDPCD and LOADPCD are included in PAYDIST.R1334.JCL. *Note that The Samples UNLDPCD and LOADPCD do not reflect all existing PCD tables.*

23. Place new and modified objects in production.