

Test Plan
RELEASE 1616

Address Edit Changes

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Testing Overview

This test plan addresses the test runs and cases constructed to verify the correct installation of Release 1616. 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. One time program PPOT1616 (PPOT1616)
4. Online EDB Entry/Update and CICS Help testing

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 for the testing.

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.

One-time Program PPOT1616

Description

This job runs the one-time program PPOT1616 which generates reports of address edit errors on the EDB.

Verification

One-time reports are produced listing those individuals who have one or more edit errors in their address fields.

Verify that the reports match the reports provided in this release.

Online EDB Entry Update and CICS Help Testing

Description

This verifies the installation of online changes to the EDB update edits and CICS help.

PPS Online Address Edits and Help Text Test Cases

A. The following test cases are exercised using the EADD screen in order to verify that the address edits are working properly for an employee with a US (domestic) permanent address. Use an existing employee with a Foreign Address Code of 'A' or blank.

#	Test Conditions	Expected Results (Message Displayed)
1.	Address Line 1 is blank Address Line 2 is blank City = Oakland State = CA Zip Code = 94607	Employee reject message 08-132. 'First or second street of permanent address is required.'
2.	Address Line 1 = 88 Oak St. Address Line 2 is blank City = blank State = CA Zip Code = 94607	Employee reject message 08-133. 'City of permanent address is required.'
3.	Address Line 1 = 88 Oak St. Address Line 2 is blank City = Oakland State is blank Zip Code = 94607	Employee reject message 08-134. 'State of permanent address is required.'
4.	Address Line 1 = 88 Oak St. Address Line 2 is blank City = Oakland State = CA Zip Code is blank	Employee reject message 08-135. 'Zip of permanent address is required.'
5.	Address Line 1 = 88% Oak St. Address Line 2 is blank City = Oakland State = CA Zip Code = 94607	Employee reject message 08-227. 'Invalid character entered in the street/city.'
6.	Address Line 1 is blank Address Line 2 = 99% Oak St. City = Oakland State = CA Zip Code = 94607	Employee reject message 08-227. 'Invalid character entered in the street/city.'
7.	Address Line 1 = 88 Oak St. Address Line 2 is blank City = Oakland+ State = CA Zip Code = 94607	Employee reject message 08-227. 'Invalid character entered in the street/city.'
8.	Address Line 1 = 88 Oak St. Address Line 2 is blank City = Oakland State = NT Zip Code = 94607	Employee reject message 08-224. 'Invalid state code for domestic address.'
9.	Address Line 1 = 88 Oak St.	Employee reject message 08-225.

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#	Test Conditions	Expected Results (Message Displayed)
	Address Line 2 is blank City = Oakland State = CA Zip Code = 946	'Invalid zip code, must be 5 digit numeric value.'
10.	Address Line 1 = 88 Oak St. Address Line 2 is blank City = Oakland State = CA Zip Code = 11111	Employee reject message 08-228. 'State/zip code combination is invalid.'
11.	Address Line 1 = 88 Oak St. Address Line 2 is blank City = Oakland State = CA Zip Code = 94607 Foreign Country Code = RP	Employee reject message 08-218. '"A" or blank addr ind requires US addr-delete foreign info.'
12.	Address Line 1 = 88 Oak St. Address Line 2 is blank City = Oakland State = CA Zip Code = 94607 Foreign Address Code = F	Employee reject message 08-215. '"F" indicator requires foreign country code.'

B. The following test cases are exercised using the EADD screen in order to verify that the address edits are working properly for an employee with a foreign permanent address. Use an existing employee with a Foreign Address Code of 'F'.

#	Test Conditions	Expected Results (Message Displayed)
1.	Address Line 1 = 100 Ayala St. Address Line 2 is blank City = Manila State = CA Zip Code is blank Foreign Province = Metro Manila Foreign Country Code = RP Foreign Postal Code = 12345	Employee reject message 08-226. 'State and zip code must be blank with Foreign Indicator 'F'.
2.	Address Line 1 = 100 Ayala St. Address Line 2 is blank City = Manila State is blank Zip Code is blank Foreign Province is blank Foreign Country Code = RP Foreign Postal Code is blank	Warning message 08-229. '"F" indicator may require province/postal code'.

C. The following test cases are exercised in order to verify that the help text changes to certain address-related data elements are working properly. Use the EADD screen to execute these test cases.

#	Test Conditions	Expected Results
1.	Position the cursor on the State field (EDB 0207). Press F1. On the Help screen, position the cursor	The list of valid state codes should now be displayed.

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#	Test Conditions	Expected Results
	on the '?' character, then press F1 again.	
2.	Position the cursor on the Address Line 1 field (EDB 0204). Press F1.	The help text should include the following list of valid characters: ^()\-#0123456789;&:.", ABCDEFGHIJKLMNOPQRSTUVWXYZ
3.	Position the cursor on the Address Line 2 field (EDB 0205). Press F1.	The help text should include the following list of valid characters: ^()\-#0123456789;&:.", ABCDEFGHIJKLMNOPQRSTUVWXYZ
4.	Position the cursor on the City field (EDB 0206). Press F1.	The help text should include the following list of valid characters: ^()\-#0123456789;&:.", ABCDEFGHIJKLMNOPQRSTUVWXYZ