Release 1214

Error Report 1284
PAR ARSM Department Rule

Test Plan

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PAR ARSM Department Rule
Test Plan

BATCH

1. LOADPAR. Load the test version of the DB2 PAR. It contains test cases in which PPPEUD rows for the same employee have different Home Department values.

2. LOADCTL. Load the test version of the DB2 CTL. This includes the System Messages Table changes.

3. SPUFIPRT. This batch SPUFI job prints the key fields and Home Departments on the PPPEUD rows of the DB2 PAR. These are the fields which control access and can be used to confirm test results for attempted access.

THIS COMPLETES THE BATCH TEST
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ONLINE

In order to perform the following tests, the user ID of the tester must be set up so that an ARSM PAR Home Department Rule HMEDPT for Home Department 827701 controls their access to PAR records. See the Detail Design Attachment A for an example. Make sure prior access rules such as UNIVRSAL are not left in place for the tester ID.

Access to PAR records can occur three ways:

- Records can be accessed via the IBRS screen.
- Records can be accessed via entered keys. Entered key data via the map footer can result in selections based on Employee ID alone, Employee ID and Check Date, Employee ID and Pay Cycle, and Employee ID, Check Date and Pay Cycle. If only ID is entered the latest PAR record will be selected.
- Records can be accessed via the Previous Record (PF5) and Next Record (PF6) functions on the individual screens.

In addition, online sub-system navigation, i.e. the identity of sub-system programs executed and the order of that execution varies by context. The same function selected from within the DP or PI sub-system has a different path than when selected from an outside sub-system. It is essential to maintain a clear audit trail of functions that are performed during testing so anomalies that appear, if any, can be recreated and re-tested.

1. Logon to CICS and access the main Applications Menu

Result: The Online Applications Main Menu screen appears.

2. Enter IPAR in NextFunc and press Enter.

Result: The PAR Inquiry Menu screen appears.

All the screen processor programs have been changed so all the functions need to be tested in similar fashion. The IGRS has been chosen as a sample.

3. Enter IGRS in NextFunc and 000050003 in the ID, and press enter.

Result: The PAR Inquiry Summary of Grosses/Totals screen appears for Check Date 12/10/97, the one with PAR Control Number of 163. Since only the ID was entered, the most recent PAR record was selected. The Home Department on the row is 827701, so access was allowed.

4. Press PF5 for the Previous Record.

Result: The PAR Inquiry Summary of Grosses/Totals screen appears for Check Date 11/26/97, the one with PAR Control Number of 162. The Home Department on the row is 827701, so access was allowed.

5. Press PF5 again for the Previous Record.

Result: The PAR Inquiry Summary of Grosses/Totals screen still displays the record for Check Date 11/26/97, and a message is issued: P0032 Not authorized to see data for selected PAR record.
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This is because the record with Check Date 11/12/97 and PAR Control Number of 161 contains Home Department 826301, so access is denied.

6. Enter 111297 in the Check Date, and press enter.

Result: The PAR Inquiry Summary of Grosses/Totals screen still displays the record for Check Date 11/26/97, and a message is issued: P0032 Not authorized to see data for selected PAR record. This shows that the record cannot be accessed via entered key data either.

7. Press PF2 to Browse.

Result: The PAR Inquiry Employee Browse screen appears, positioned at ID 000050003. IGRS should appear in the NextFunc field.

8. Press enter with the cursor positioned at the first record for 000050003 for Check Date 12/10/97.

Result: The PAR Inquiry Summary of Grosses/Totals screen appears for Check Date 12/10/97.


Result: The PAR Inquiry Employee Browse screen appears, positioned at ID 000050003. IGRS should appear in the NextFunc field.

10. Press enter with the cursor positioned at the 000050003 record for Check Date 11/26/97.

Result: The PAR Inquiry Summary of Grosses/Totals screen appears for Check Date 11/26/97.

11. Press PF2 to Browse.

Result: The PAR Inquiry Employee Browse screen appears, positioned at ID 000050003. IGRS should appear in the NextFunc field.

12. Press enter with the cursor positioned at the 000050003 record for Check Date 11/12/97.

Result: The PAR Inquiry Employee Browse screen remains, and a message is issued: P0032 Not authorized to see data for selected PAR record.

Home Department similarly restricts selection via the Browse function.

Repeat Steps 2 through 12 for all the PAR Inquiry functions:
IDSP Check Address
ICHK Simulated Check Stub
IGRS Summary of Grosses/Totals
IERN Earnings Distributions
IDDN Deductions and Contributions
IADJ Hours/Dollars Adjustments

Repeat Steps 2 through 12 for all Departmental PAR Inquiry functions:
Repeat test similar to Steps 2 through 12 for all functions using the Employee ID's 000050008 and 000050012. Note the following differences:

The latest record for 000050008 contains Home Department 826301, so access using only the ID will be denied because the latest record is returned. To access records for 000050008 it is necessary to either key the Check Date or use the IBRS screen.

The middle record for 000050012 contains Home Department 826301, so access using only the ID will return the latest record. However PF5 is blocked access, and there is no way to "jump" the PF5 function. To access the oldest record for 000050012, it is necessary to either key the Check Date or use the IBRS screen. Similarly, once the oldest record has been accessed, PF6 is blocked access. To re-access the most recent record again, it is necessary to either key the Check Date or use the IBRS screen.

13. Enter IGEN in NextFunc and 000050008 in the ID, and press enter.
Result: The EDB Inquiry General Information 1 screen appears.

14. Enter IGRS in NextFunc, and press enter.
Result: The EDB Inquiry General Information 1 screen remains and IGRS remains in NextFunc, and a message is issued: P0032 Not authorized to see data for selected PAR record. Access is denied from another sub-system because of the PAR Home Department Rule.

15. Enter 000050003 in the ID, and press enter.
Result: The PAR Inquiry Summary of Grosses/Totals appears for Check Date 12/10/97. Access is allowed.

THIS COMPLETES THE ONLINE TEST