

Note: 000088

Overview

Number	000088
Description	BCS Test Scenario Tool Corrections
Version	1 from 30.10.2019
Status	Released to Customer
Language	EN
Responsible	Guido Jager
Product	BCS
Category	Correction - PMC & GMC

Symptom

I) The Test Scenario Tool - accessible via the PMC and GMC - contains various usability and stability issues:

1. Test Scenarios where an error has been raised e.g. by entering a non-existent transaction UoM, cannot be corrected as the Test Scenario has been stored in the database inconsistently regardless of the error.
While trying to correct the Test Scenario data in a create or change mode, the corrected screen value is not transported to the database. The user has to delete and create the Test Scenario from scratch.
2. When toggling from the Test Scenario Logs display "From archive" list via the "From snapshot" list back to the "From archive" list, a runtime error DYNP_TOO_MANY_RADIOBUTTONS occurs.
3. When creating a Test Scenario the "execute" button on the application tool bar does not propose the reading group defaults. The application tool bar has been refactored from an usability point of view. The push buttons are dynamically assigned corresponding to their purpose - it does not make sense to "Calculate expected results" when you intend to "Check the parameters only" in the Test Scenario. The "execute" buttons have been removed to realize a more transaction-like behaviour using "Enter" instead.
4. Cockpit related programs are only executable from the Cockpit, thus their direct execution through transaction SE38/SA38 may lead to an error indicating that the "Application does not exist - Select BCP or BCG" (e.g. program /QTYW/MY_TEST_CR), or in a wrong data selection (e.g. program

/QTYW/MY_TEST_CP).

The following reports are supposed to be executed only via the relevant (Gas or Petroleum) Measurement Cockpit:

- | | |
|-----------------------------|------------------------|
| • /QTYW/MY_TEST_ARCHIVE_LOG | Archive Scenario Logs |
| • /QTYW/MY_TEST_CP | Copy My Scenarios |
| • /QTYW/MY_TEST_CR | Create My Scenarios |
| • /QTYW/MY_TEST_DEL | Delete My Scenarios |
| • /QTYW/MY_TEST_EXP | Transport My Scenarios |
| • /QTYW/MY_TEST_LIST_A | Analyze My Scenarios |
| • /QTYW/MY_TEST_LOG_DE | Delete Scenario Logs |
| • /QTYW/MY_TEST_MO | Change My Scenarios |
| • /QTYW/MY_TEST_R | Run My Scenarios |
| • /QTYW/MY_TEST_SEL_SNS | Analyze My Scenarios |

In case of any other usage outside the cockpits, the message "The program <program_name> can only be used exclusively via a QuantityWare cockpit" is raised.

5. The deletion of Test Scenarios Logs is possible even if you "Disable Deletion of Test Scenario Logs" in the IMG activity "Define access for selected Measurement Cockpit functions".

6. You create a Test scenario in several steps e.g. by entering:

- scenario id,
- scenario description,
- conversion group
- unit of measure group.

Dynamic screen modifications take place e.g. to show different parameters. The dynamic screen modifications may lead to a user thinking that they are in a transaction; this is not the case - several screens are simply processed in the same manner as a transaction. An erroneous usage of the navigation "back" push-button from the system tool bar to proceed to the assumed "previous screen", leads to a loss of data as the Test Scenario creation is exited.

A usability improvement has been implemented to inform the user of a possible loss of data.

7. The following display reports:

/QTYW/MY_TEST_A	Analyze My Scenario - Configuration Tables
/QTYW/MY_TEST_L	Display My Scenario Logs
/QTYW/MY_TEST_LIST_A	Analyze My Scenarios - Compare Definition

had no display or other authorizations defined, this has been corrected.

Please apply the delivered QuantityWare roles:

- Y_QTYW_TEST_MAINT_SNAPSHOTS
- Y_QTYW_TEST_MAINT_LOGS
- Y_QTYW_TEST_MAINT_SCENARIOS

and regenerate any copies or own roles where the authorization objects:

- Y_QWTSTLG
- Y_QWTSTMS
- Y_QWTSTSNS

are used. (Regeneration is performed using transaction PFCG.)

8. The transport of Test Scenarios was renamed from "export" to "transport" to align with contextual correctness

II) Gas & Petroleum Measurement Cockpit Frontend Changes:

Related changes have been performed in the alignments of frames, avoiding "movement" when toggling from tab to tab. Also a smarter resolution-stable presentation of QuantityWare-related pictures in the user interface has been implemented.

Cause

Program error, design review.

Solution

"Use Case" -based test and analysis. Design changes and program corrections.

Transport Reference

SAP Release	Transport	File Name	Notes
ECC600	QOIK900325	NOTE-000088-30x.SAR	
S/4 HANA	QOIK900325	NOTE-000088-30x.SAR	

Please consider the manual activities in respect to user authorizations as described in "Symptoms" point I.7 which you must perform (at least) in each productive client.

Validity

SAP Release	From SP	To SP	In SP Shipment
ECC600	CSP01	CSP01	CSP02
S/4 HANA	CSP00	CSP00	CSP01