



Cortell Australia Pty Ltd

CoreBIS

Testing Verification

30/06/2023



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## Revision History

Date	Version	Description	Author
19/06/2023	0.1	Create Document	Rodrigo Alvarez
26/06/2023	0.2	Ongoing testing of package	Karl Blackler
28/06/2023	1.0	Release	Karl Blackler

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# 1. Summary

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This document identifies what testing has occurred on each change in this Month's CoreBIS release.

## 2. Code Updates

### 2.1 CU 205: Movement Report Locking cells of Variances. (Risk: L)

The code update "locks" the Movement Report so that the Variance columns can not be overwritten.

**Test Goals:** Test that the Movement Report's variances can't be altered.

**Test Method:** Open the Movement Report and try to change a variance.

**Before:**

CoreBIS MOVEMENT REPORT

APRA Entity: DOMESTIC:CoreBIS No.1  
 APRA Form Variant: ARF\_720\_4  
 DataSource: All INT DataSource (n)  
 Return Version 1: W\_2022-09-30\_Submission  
 Return Version 2: 2022-08-31

APRA Form Variant	APRA Entity	Attribute	Description	W_2022-09-30_Submission	2022-08-31	Variance \$	Variance %
ARF_720_4	DOMESTIC:CoreBIS No.1	BSAO28032	1. Total short-term debt securities held - Total	3,852,252,000	3,780,754,951	71,497,049	1.86%
		BSAO28033	1. Total short-term debt securities held - of which: Denominated in FX (AUD equivalent)	1,772,357,000	1,722,642,386	49,714,614	2.80%
		BSAO28037	1.2 Short-term debt securities issued by residents - Total	2,038,914,000	2,058,903,687	-19,989,687	-0.98%
		BSAO28038	1.2 Short-term debt securities issued by residents - of which: Denominated in FX (AUD equivalent)	920,806,000	900,145,069	20,660,932	2.24%
		BSAO28039	1.2.1 Bills of exchange - Total	843,103,000	629,479,803	213,623,197	25.34%
		BSAO28040	1.2.1 Bills of exchange - of which: Denominated in FX (AUD equivalent)	274,448,000	267,306,863	7,141,137	2.57%

**After:**

CoreBIS MOVEMENT REPORT

APRA Entity: DOMESTIC:CoreBIS No.1  
 APRA Form Variant: ARF\_720\_4  
 DataSource: All INT DataSource (n)  
 Return Version 1: W\_2022-09-30\_Submission  
 Return Version 2: 2022-08-31

APRA Form Variant	APRA Entity	Attribute	Description	W_2022-09-30_Submission	2022-08-31	Variance \$	Variance %
ARF_720_4	DOMESTIC:CoreBIS No.1	BSAO28032	1. Total short-term debt securities held - Total	4,843,311,980	3,096,029,772	1,747,282,208	35.87%
		BSAO28033	1. Total short-term debt securities held - of which: Denominated in FX (AUD equivalent)	1,182,459,000	1,287,915,404	-105,456,404	-8.91%
		BSAO28037	1.2 Short-term debt securities issued by residents - Total	3,029,973,980	1,121,288,364	1,908,685,616	63.03%
		BSAO28038	1.2 Short-term debt securities issued by residents - of which: Denominated in FX (AUD equivalent)	330,910,000	426,113,665	-95,203,665	-28.77%
		BSAO28039	1.2.1 Bills of exchange - Total	711,103,000	666,747,120	44,355,880	6.24%
		BSAO28040	1.2.1 Bills of exchange - of which: Denominated in FX (AUD equivalent)	274,448,000	286,523,712	-12,075,712	-4.39%

**Test Status: Success**

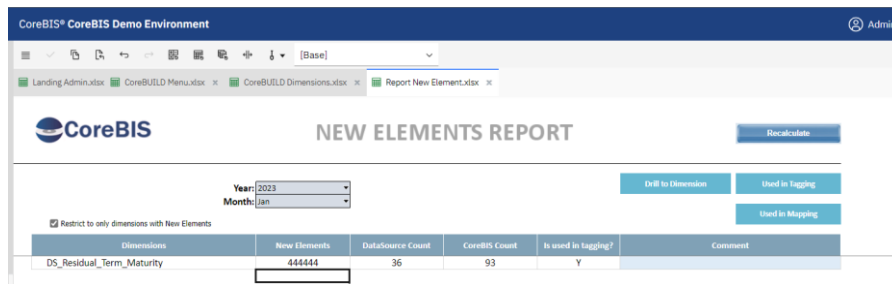
## 2.2 CU 206: New Element Report Locking cells. (Risk: L)

The code update "locks" the New Element Report, so a user cannot change values.

**Test Goals:** Test that the values in the report can't be altered.

**Test Method:** Open the New Elements Report through the CoreBuild Dimensions screen and try to change a value.

**Before:**



CoreBIS Demo Environment

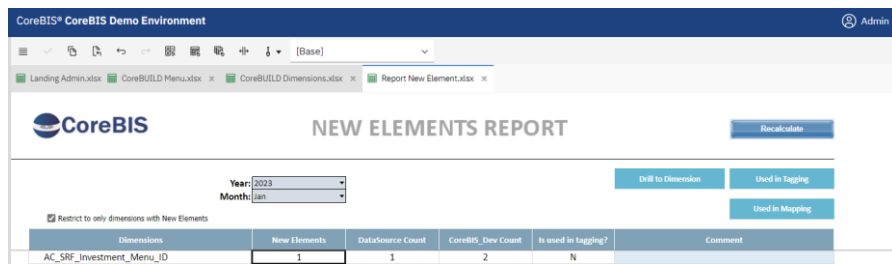
NEW ELEMENTS REPORT

Year: 2023  
Month: Jan

Restrict to only dimensions with New Elements

Dimensions	New Elements	DataSource Count	CoreBIS Count	Is used in tagging?	Comment
DS_Residual_Term_Maturity	444444	36	93	Y	

**After**



CoreBIS Demo Environment

NEW ELEMENTS REPORT

Year: 2023  
Month: Jan

Restrict to only dimensions with New Elements

Dimensions	New Elements	DataSource Count	CoreBIS_Dev Count	Is used in tagging?	Comment
AC_SRF_Investment_Menu_ID	1	1	2	N	

**Test Status: Success**

## 2.3 CU 207: CoreBUILD lacks security to export tagged cube data. (Risk: L)

The security on the "Tagged Cube Review Data Load" screen was reviewed, as only Admins could Archive/Export the data after a period version had been closed/locked. The code update fixes this problem, so the picklist that shows the options works even when a period version has been locked in a user with the proper CoreBuild access.

**Test Goals:** Ensure the Tagged Load Data Action field is accessible for a user with only CoreBuild access, and locked periods can be exported.

**Test Method:** Go into the Tagged Load Data screen and check that the Action column is enabled with a picklist with the export option. Ensure the testing user has no Admin but CoreBIS security rights.

**Before:**

CoreBIS® CoreBIS Demo Environment

CoreBIS TAGGED LOAD DATA

Tagged Cube: TAGGED\_Load\_Book

Note: Once archived the submitted forms will look to the final version, non-submitted / working version will return 0.

Reporting_Period	Tagged Version	BASE Load Date	Status	Working Form Count	Submitted Form Count	Action	Archived
2019-01-31	Submission	2020-03-23 03:00:57	UNLOCKED	8	7		
2019-09-30	Submission	2020-02-26 03:00:57	LOCKED	13	13		
2022-09-30	Submission	2023-05-05 09:26:42	UNLOCKED	118	0		

**After:**

CoreBIS® CoreBIS Demo Environment

CoreBIS TAGGED LOAD DATA

Tagged Cube: TAGGED\_Load\_Book

Note: Once archived the submitted forms will look to the final version, non-submitted / working version will return 0.

Reporting_Period	Tagged Version	BASE Load Date	Status	Working Form Count	Submitted Form Count	Action	Archived
2019-01-31	Submission	2020-03-23 03:00:57	UNLOCKED	8	1	y	
2019-09-30	Submission	2020-02-26 03:00:57	LOCKED	13	13		
2020-09-30	Submission	2022-01-17 16:28:35	UNLOCKED	107	0		
2022-03-31	Submission	2022-09-08 16:20:02	UNLOCKED	120	0		
2022-06-30	Submission	2023-01-13 15:37:59	UNLOCKED	128	1	Archive	
2022-12-31	Submission	2023-02-23 10:41:07	UNLOCKED	7	0	Load	
2023-03-31	Submission	2023-05-02 11:59:11	UNLOCKED	8	0	Export	

Data exported into a CSV file:

File Explorer: TAGGED\_CUBE\_Exports

Path: Data (E:) > ibm > CoreBIS\_Dev > Export > TAGGED\_CUBE\_Exports

Name	Date modified	Type	Size
TAGGED_Load_Book_2019-09-30_Submis...	6/20/2023 9:58 AM	Text Document	42,278 KB
TAGGED_220_0_Exposures_and_Provision...	5/10/2023 10:13 A...	Text Document	272,329 KB

**Test Status: Success**

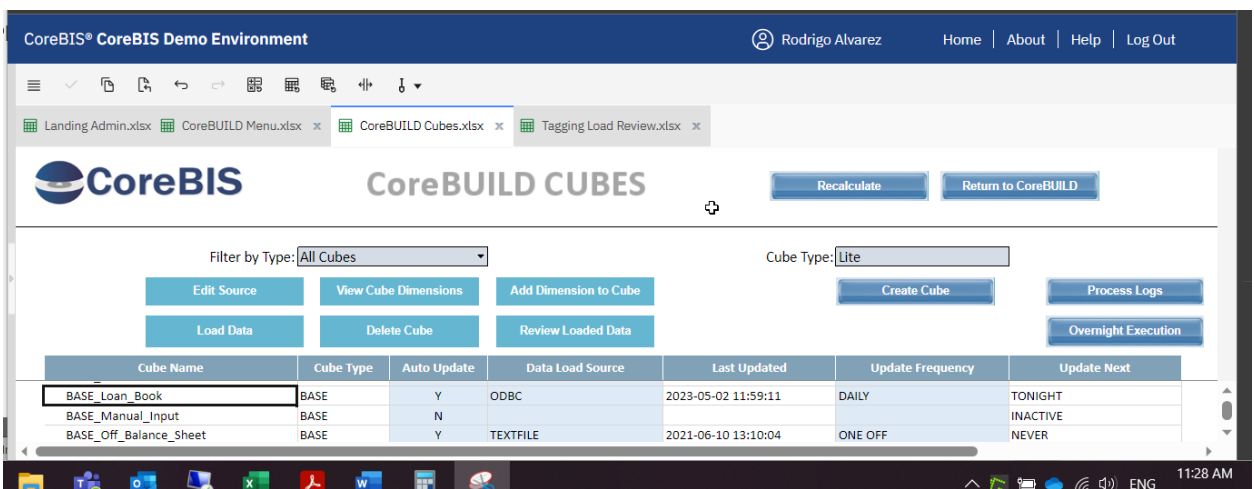
### 3. Enhancements to Existing Features

#### 3.1 EF155: Automatically recalc the Used flag when opening "Check Data Loaded". (Risk: L)

When a Base cube is selected in CoreBuild from the Cube Screen into the Base Load Data screen, the "Check Dates Used" action (button) is automatically applied, so the users don't have to click it after the rendered screen.

**Test Goals:** Validate that a user can select a Base cube and go to the Base Load Data screen, having the Check Data Loaded automatically applied.

**Test Method:** Go to CoreBuild cubes, select a base cube, and press the Review Loaded Data button.



In the log files, we can check that the Load\_Date\_Review process is called by the user and executed when the Review Loaded Data button is pressed at 11:28 am.

```
10080 [ ] INFO 2023-06-20 11:28:12.525 TM1.Process Process "Lib_Client_Log_Update" executed by chore "UserLog"
10080 [ ] INFO 2023-06-20 11:28:12.534 TM1.Process Process "Lib_Client_Log_Update": finished executing normally, elapsed time 0.01 seconds
10080 [ ] INFO 2023-06-20 11:28:12.534 TM1.Process Process "Lib_Revert_Admin" executed by chore "UserLog"
10080 [ ] INFO 2023-06-20 11:28:12.540 TM1.Process Process "Lib_Revert_Admin": finished executing normally, elapsed time 0.00 seconds
10080 [ ] INFO 2023-06-20 11:28:12.540 TM1.Chore Chore "UserLog" time = 0.02 seconds
10080 [ ] INFO 2023-06-20 11:28:12.547 TM1.Chore Chore "UserLog" finished executing
24580 [18] INFO 2023-06-20 11:28:25.553 TM1.Process Process "ACTION_Base_Load_Date_Review_Caller" executed by user "Rodrigo Alvarez"
24580 [18] INFO 2023-06-20 11:28:25.555 TM1.Process Process "ACTION_Base_Load_Date_Review" run from process "ACTION_Base_Load_Date_Review_Caller" by user "Rodrigo Alvarez"
24580 [18] INFO 2023-06-20 11:28:25.558 TM1.Process Process "Lib_ViewZeroOut" run from process "ACTION_Base_Load_Date_Review" by user "Rodrigo Alvarez"
24580 [18] INFO 2023-06-20 11:28:25.561 TM1.Process Process "Lib_ViewZeroOut": finished executing normally, elapsed time 0.00 seconds
24580 [18] INFO 2023-06-20 11:28:25.564 TM1.Process Process "ACTION_Base_Load_Date_Review": finished executing normally, elapsed time 0.01 seconds
24580 [18] INFO 2023-06-20 11:28:25.565 TM1.Process Process "ACTION_Base_Load_Date_Review_Caller": finished executing normally, elapsed time 0.01 seconds
```

**Test Status: Success**



### 3.2 EF156: Security for End Users to only do Mapping. (Risk: L)

A new security group called UserMapping was created. The users of this group can map data in table and non-table mapping assignments without the requirement of belonging to the CoreBUILD security group.

**Test Goals:** Validate that a non-CoreBuild user can access the UserMapping group and modify mapping settings.

**Test Method:** With a user without access to CoreBuild, open a form, create a data source drill and select Mapping in a data-based source.

The screenshot shows the 'DATASOURCE DRILL' interface in the CoreBIS Demo Environment. It features a top navigation bar with the CoreBIS logo and the title 'DATASOURCE DRILL'. Below the navigation bar, there are several tabs: 'Landing.xlsx', 'Workflow Overview.xlsx', 'ARF\_720\_1Av5.xlsx', 'Drill - DataSource.xlsx', and 'Mapping Attribute Detail.xlsx'. The main content area is divided into several sections:

- Filters:** A series of dropdown menus for 'APRA Entity' (DOMESTIC:CoreBIS No. 1), 'APRA Form Variant' (ARF\_720\_1A), 'APRA Return Version' (W\_2021-09-30\_Submission), 'APRA Attribute' (BSAO27681), and 'Data Type' (NUMBER). There is also an 'APRA Table Attribute' field.
- Data Source Table:** A table with columns 'Data Source' and 'Value'. It shows 'Rounded Values' with a total of 42,762,000.00 and 'Unrounded Values' with a total of 42,762,000.00. A checkbox for 'Zero Suppress' is checked.
- Buttons:** A grid of buttons including 'Recalculate', 'Return to Form', 'Adjustments Report', 'Attribute Apportionments', 'Manual Adjustments', 'Attribute Calculations', 'Table Adjustments', 'Mapping' (highlighted in yellow), 'Data Lineage', and 'Drill Sources'.

A note at the bottom states: "Note: The \* next to the DataSource indicates this source is mapped. Click on the "Value" and click the "Mapping" button."

The input fields will not work:

The screenshot shows the 'MAPPING ATTRIBUTE DETAIL' interface in the CoreBIS Demo Environment. It features a top navigation bar with the CoreBIS logo and the title 'MAPPING ATTRIBUTE DETAIL'. Below the navigation bar, there are several tabs: 'Landing.xlsx', 'Workflow Overview.xlsx', 'ARF\_720\_1Av5.xlsx', 'Drill - DataSource.xlsx', and 'Mapping Attribute Detail.xlsx'. The main content area is divided into several sections:

- Status:** A green status message: 'Mapping Version open for data entry'.
- Filters:** A series of dropdown menus for 'Map Version' (MVS), 'Tagged Source' (LITE\_EFS\_Forms), 'APRA Form Version' (ARF\_720\_1Av3), and 'Attribute' (BSAO27681). There is also an 'Attribute PET Description' field.
- Current Mapping Table:** A table with columns 'LITE\_EFS\_Forms Dimensions', 'Input', and 'Map'. It shows a mapping for 'LITE\_EFS\_Forms\_Load\_Date' to 'APRA\_Entity'.

Now configure that same user to be assigned to the UserMapping group.

**New Assignment**

UserName:   
 Group:

UserName	Group
James Saunders	ADMIN
	CoreBuild
	All Users
	CoreSecurity
	CoreWorkflow
	CoreAdministrator
	Grp_James Saunders
	Reconciliation_Write
Tania	ADMIN
	All Users
	CoreAdministrator
	Grp_Tania
Bree	All Users
	Grp_Bree
Rodrigo Alvarez	All Users
	Grp_Rodrigo Alvarez

Rodrigo Alvarez	All Users
	Grp_Rodrigo Alvarez
	UserMapping

Go back to the security administration and security refresh the model.

**Refresh Security**

Now try again opening a form and changing a mapping setting. The mapping settings will be open.

The screenshot shows the CoreBIS interface with a 'DETAIL' view for a mapping attribute. The left sidebar shows a list of mapping elements, including 'tenant housing'. The main area displays the 'Mapping Attribute Detail' for 'tenant housing', with a 'Map' table below it. The 'Map' table has columns for 'Attribute' and 'Value', and is currently empty.

Test Status: **Success**

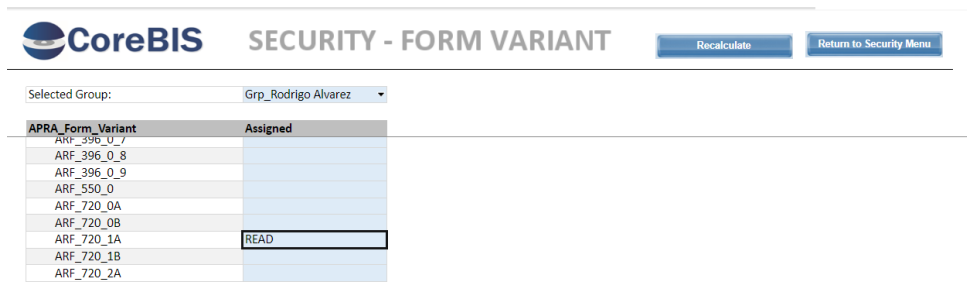
### 3.3 EF157: Workflow User Assignments Screen - Read Only Users (Risk: L)

With this enhancement, the Workflow User Assignments Screen should show READ ONLY users and WRITE. When a user is granted "Read-only" access, they should not allow assignments to Review/Approved/Submitted but should still be assigned read to the tasks.

**Test Goals:** Ensure that a user that has read access in a form can access the form in the Workflow Overview screen.

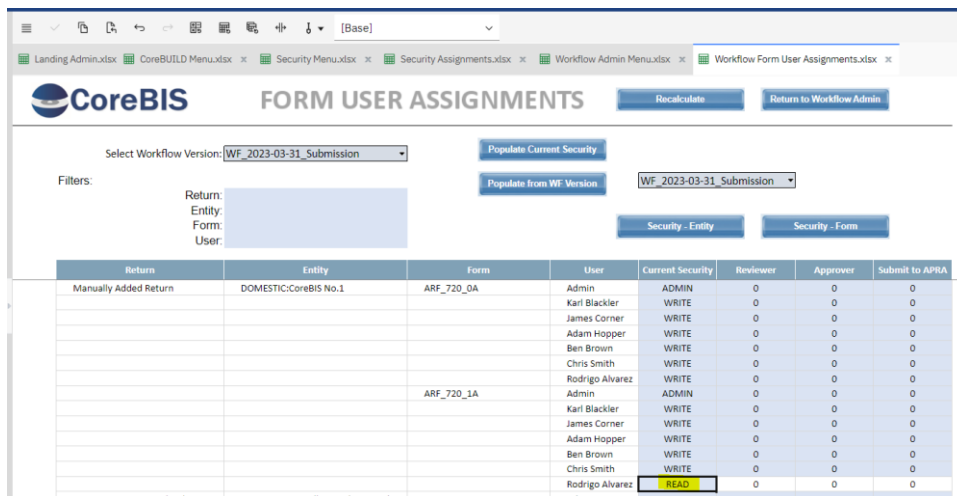
**Test Method:** Check the security of a user with READ access.

In the security form variant, check that a user has read access.

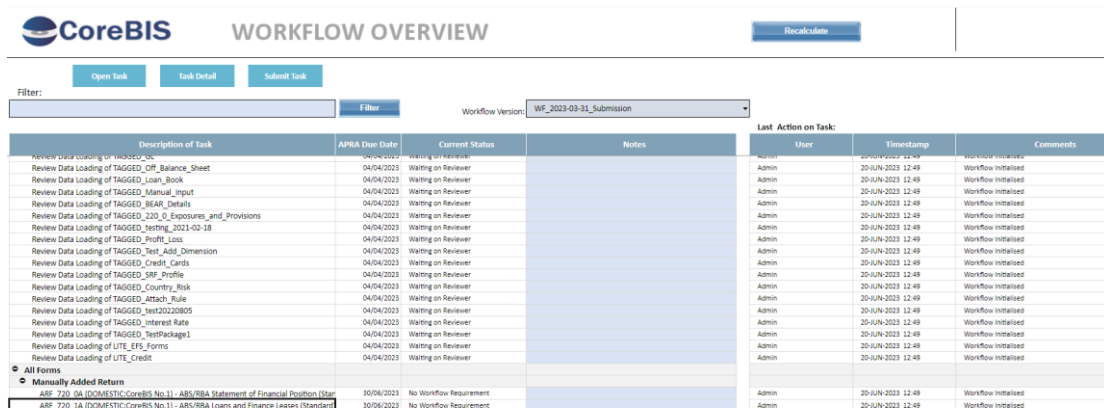


Go to the Workflow Administration screen and in the Form User Assignments

Populate the security read access, and the form should appear.



Generate the workflow and check that the read user can open the form in the Workflow



**ARF\_720\_1A: ABS/RBA Loans and Finance Leases (Standard)**

Effective date: 1 March 2022

<b>Australian Business Number</b>	<b>Institution Name</b>
12345678910	CoreBIS No.1
<b>Reporting Period</b>	<b>Scale Factor</b>
2023-03-31	
<b>Reporting Consolidation</b>	
DOMESTIC	

**1. Gross outstanding loans and finance leases - by counterparty, currency & residual maturity**

	Total gross of provisions (1)	Total: of which : Denominated in FX (AUD equivalent) (2)	Total: of which : Maturing in one year or less (3)	Individual provisions (4)	Collective provision (5)
1.1. Total loans and finance leases	0.0	0.0	0.0	0.0	0.0
1.1.1. Residents	0.0	0.0	0.0	0.0	0.0
1.1.1.1. Households	0.0	0.0	0.0	0.0	0.0
1.1.1.1.1. Housing loans	0.0	0.0	0.0	0.0	0.0
1.1.1.1.1.1. Owner-occupied	0.0	0.0	0.0	0.0	0.0
1.1.1.1.1.2. Investment	0.0	0.0	0.0	0.0	0.0
1.1.1.1.2. Personal loans and finance leases	0.0	0.0	0.0	0.0	0.0

**Test Status: Success**

## 4. New Features

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No New Features to test this month

## 5. New Taxonomy

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No New Taxonomy to test this month