

Cortell Australia Pty Ltd

CoreBIS **Testing Verification**

31/08/2025 - 2025-Q3



Web: www.cortell.com.au e-mail: info@cortell.com.au

Revision History

Date	Version	Description	Author
18/08/2025	0.1	Create Document	Robert McClelland
26/08/2025	1.0	Finalise Document	Karl Blackler



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1. Summary

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



2. Code Updates

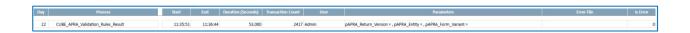
2.1 CU362: Validation Rules D2A execution not running all (Risk: L)

The overnight process, CUBE_APRA_Validation_Rules_Result, has not been executing in full due to parameters limiting its execution to specific forms. The parameters have been completely removed to ensure the process runs in full.

Test Goals: Confirm the CUBE_APRA_Validation_Rules_Result process runs, in full, as part of the overnight update.

Test Method: Run the overnight Master update, and review the process log to confirm CUBE_APRA_Validation_Rules_Result ran in full, using all parameters.

Test Status: Success



2.2 CU365: System Cubes Archive screen takes too long to open (Risk: L)

When archiving System cubes, users have been experiencing long delays when opening the archive screen, particularly for cubes with large data sets such as ARS 112. This is because CoreBIS will review and assess all of the data when users click "Review Loaded Data".

This process has been amended to improve the speed of the response. The process will now run in the background, and users can click Refresh to load the screen once complete.

Test Goals: Test by reviewing the loaded data of a large data set in the System Archive screen to ensure an improved response time.

Test Method: Test by reviewing the data loaded into ARS 112_Table_1 and measuring the response time.



2.3 CU368: D2A update - Failed ODBC clears everything (Risk: M)

Previously, in the event that the ODBC fails during the Master D2A Update processes, the database's system files could be cleared, destabilising the database. The processes have now been amended to ensure the ODBC SQLs execute successfully *before* the overnight processes are executed.

Test Goals: Test that the database system files are not cleared when the ODBC fails during the overnight update.

Test Method: Change the ODBC name so that the connection deliberately fails when running the Master D2A update. Confirm that the system data was not cleared, using Market Share reports as an example.

Test Status: Success

File Edit Format View Help

Error: Prolog procedure line (86): Unable to open data source: "CoreBIS"

CoreBIS		M
	(\$ million) ▼ Apr 2025 ▼	
	Cash and deposits with	Trad
499.49299257. Agricultural Book of China Limited	financial institutions	Trad
48848300367 - Agricultural Bank of China Limited	financial institutions 991.4	Trad
13627244848 - Alex Bank Pty Ltd	financial institutions	Trad
1	financial institutions 991.4 13.6	Trad
13627244848 - Alex Bank Pty Ltd 15081596009 - AMP Bank Limited	financial institutions 991.4 13.6 213.7	Trad



2.4 CU371: Add Drill View not working (Risk: L)

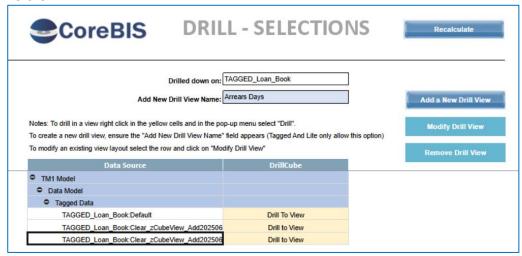
CoreBIS users attempting to create a new drill view experienced an issue whereby, after entering a name for the new view, it would not correctly generate. Instead, users would see a view appear with an error in the format of: Cube:xCubeView_Add(Date).

This has been resolved in the latest update. Users will now see the view they added with the name: Cube: View Name.

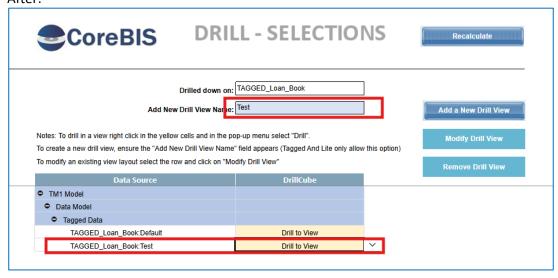
Test Goals: Test the successful addition of a new drill view.

Test Method: Create a test drill view using the Tagged_Loan_Book cube, confirm the view appears and functions correctly.

Before:



After:





2.5 CU374: #Value errors with PA 2.1.12 (Risk: L)

The latest version of Planning Analytics resulted in some minor formatting issues in several CoreBIS websheets. Each websheet has been reviewed, and any formatting anomalies have been resolved.

Note: The change has no impact on clients who have installed earlier versions.

Test Goals: Review each CoreBIS worksheet to ensure no anomalies are caused using the latest version of Planning Analytics.

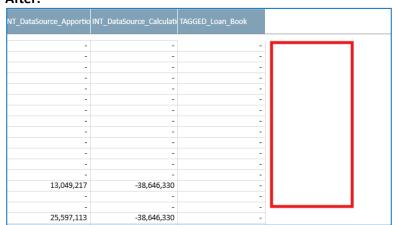
Test Method: Install the latest version of Planning Analytics on a test server and install CoreBIS. Using CoreBIS, review the formatting and functionality of each and every websheet to ensure no changes have occurred and any formatting anomalies have been resolved.

Test Status: Success

Before:

T_DataSource_Calculati	TAGGED_General_Ledger	TAGGED_Loan_Book	
-	79,279	-	#VALUE!
-	6,225,575	-	#VALUE!
-	-	-	#VALUE!
-	-	-	#VALUE!
-	-	-	#VALUE!
-	22,657,502	-	#VALUE!
-	-	-	#VALUE!
-	-	-	#VALUE!
	-	-	#VALUE!

After:





2.6 CU376: ARS_110: SFI status changes rules (Risk: L)

Significant Financial Institutions (SFIs) have some unique reporting requirements from other ADIs, including attributes in ARS 110 specifically applicable to SFIs and non-SFIs.

Cortell has added an SFI "flag" to the SYS_Control cube to identify clients' SFI Status.

The derivation in ARS_110, Section B, item 2.2 has been updated to depend on this SFI flag.

Test Goals: Test that the derivation in ARS_110, Section B, item 2.2 returns the correct result for both SFIs and non-SFIs.

Test Method: Set the SFI Status to both SFI and non-SFI and test that the derivation in ARS_110, Section B, item 2.2 returns the correct result for both approaches.

Test Status: Success

Non-SFI:

1.4. Total RWA for credit risk	100,000,000
2. Operational risk	
2.1. Standardised approach	0
2.2. Calculated for non-SFIs	10,000,000
2.3. Total RWA for operational risk	10,000,000

SFI:

1.4. Total RWA for credit risk	100,000,000
2. Operational risk	
2.1. Standardised approach	0
2.2. Calculated for non-SFIs	0
2.3. Total RWA for operational risk	0



2.7 CU377: ARS_110: ARS_115 Link missing 12.5% (Risk: L)

ARS_110 Section B: Item 2.1 was previously a derivation calculating the RWA equivalent of Standardised Operational Risk, derived from ARS_115. While this functioned correctly, some users wanted the ability to update the values more regularly than ARS_115 requires. Therefore, the derivation has been removed, allowing users to map directly to the attribute, depending on their internal needs.

The change is effective from the new ARS_110_v20.

Test Goals: Confirm that the attribute, CBAC110_0_1147, in ARS_110_v20 is no longer a derivation and users can map or manually adjust the value, as required.

Test Method: Open the new ARS_110_v20 (ensuring to copy the mappings from the previous version 17), confirm that CBAC110_0_1147 is no longer a derivation and map the attribute to a tagged cube. Also, overlay a manual adjustment to ensure that the function works.

Test Status: Success

Before (v17):



After (v20):

(V20).	
2. Operational risk	
2.1. Standardised approach	248,910,974
2.2. Calculated for non-SFIs	0
2.3. Total RWA for operational risk	248,910,974



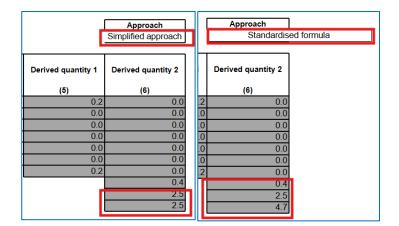
2.8 CU378: ARF_180_1: Derivation rule: CS23687 (Risk: L)

When populating ARF_180_1, some users experienced an issue with the derivation of item 7.11. The Total CVA RWE was not updating when users changed the approach for calculating CVA Risk Capital Charge in item 7.1.

The derivation rule for item 7.11 has been updated accordingly to return either 12.5x the value of item 7.9 or 1x the value of item 7.10, for standardised and simplified approaches, respectively.

Test Goals: Test that the CVA capital charge in items 7.11 is correctly calculated based on the approach selected in item 7.1.

Test Method: Enter data in section 7 of ARF_180_1 and test the derivation in item 7.11 for both approaches for calculating the CVA risk capital charge.





2.9 CU379: ARF_221_0 - Counterparty linkage dropping (Risk: L)

ARF 221 Large Exposures tables are a combination of typed (text) dimensions, such as Counterparty Name, and dimensions with a defined list of APRA-approved elements – stored in system lookup cubes.

Some users encountered an error whereby, in the unlikely event that a Counterparty Name matched that of a State (e.g. ACT, QLD, etc) or other dimension element in the lookup cube, the Counterparty Name mapping would disappear.

The process has been amended to exclude any typed dimensions from referencing the lookup cube, thereby permitting any typed value.

Test Goals: Confirm that ARF 221 tables populate correctly when a typed dimension value matches that of a state or other dimension element.

Test Method: Test that the process has been successfully amended by populating ARF 221 Table 1 with test data, using a Counterparty Name of 'ACT'.

1. Twenty larges	t exposures and all those exposu	res exceeding or equal to	10% of Tier 1 Capital	
Counterparty	name/ group counterparty name	Legal Entity Identifier	Counterparty sector	On-balance sheet exposures - loans
	(1)	(2)	(3)	(4)
	ACT	L4842H12345	Banking	500,000.0
1.1. Total				500,000.0



3. Enhancements to Existing Features

3.1 EF356: Update Process Security to align with Groups (Risk: H)

Prior to this update, all CoreBIS processes that were dependent on the user being a member of certain security groups contained statements that first confirmed the user running the process was, indeed, a member of the necessary security groups.

These statements, in certain cases, would cause delays in other processes, including login, while the processes were running.

Therefore, all such processes have been edited to remove these statements, and the processes' security has been aligned with Groups.

Test Goals: Test that all edited processes have been aligned with the applicable security groups.

Test Method: Create user profiles assigned to different security groups and test each process for each different user to confirm that members of each group can only run the applicable processes.

Test Status: Success

3.2 EF363: Review D2A Process for derivations for performance (Risk: L)

The process "DIM_APRA_Attribute_Calculation_Table" can be slow to complete, in some cases taking as long as 700 seconds to run. The process has been reviewed and refined to decrease the run-time, improving performance.

Test Goals: Test the "DIM_APRA_Attribute_Calculation_Table" process to confirm improved performance.

Test Method: Run the "DIM_APRA_Attribute_Calculation_Table" process and compare run-time to prior performance.



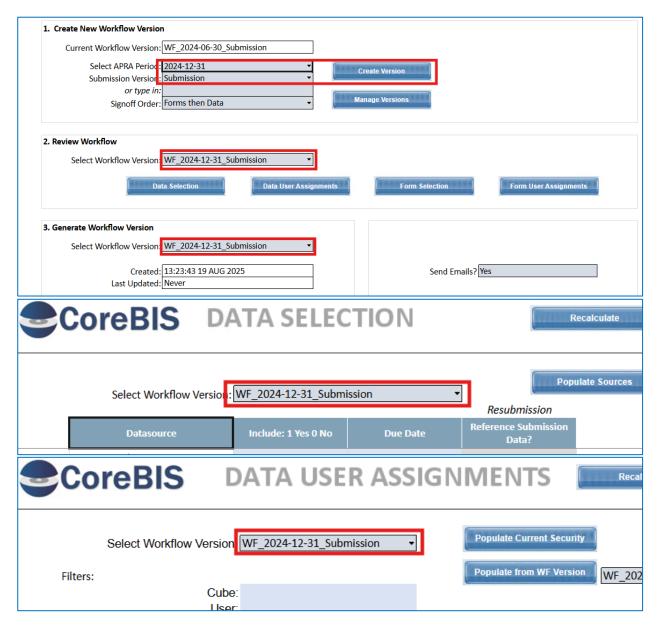
3.3 EF370: Workflow Administration: Version Selection (Risk: L)

After creating a new Workflow Version in Section 1 of the Workflow Administration screen, the default Workflow Version in Sections 2 and 3 would previously remain on the current version, necessitating users to always select the new version when reviewing and creating the new Workflow.

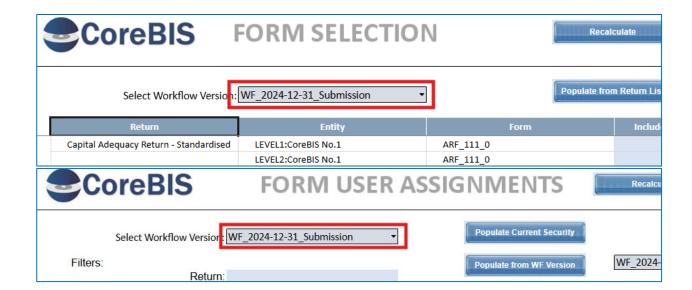
The default Workflow Version in the review screens has now been changed to the most recently created Workflow Version, improving user experience.

Test Goals: Confirm that the newly created Workflow Version is now the default version in the Review Workflow screens.

Test Method: Create a new Workflow Version – W_2024-12-31_Submission – and confirm that the default version in each of the Review Workflow screens is the newly created version.









3.4 EF372: APRA Connect Table Mapping Performance (Risk: L)

Running Table Mapping can sometimes be a slow process when running for the first time on large APRA Connect datasets with Account IDs in the custom dimensions, creating multiple new dimension elements.

The Table Mapping process has been edited to assist in improved performance.

Test Goals: Confirm an improvement in the run time of the Table Mapping process, using a large dataset with Account IDs populating the custom dimensions for the first time.

Test Method: Run Table Mapping on a large dataset with Account IDs populating the custom dimensions for the first time to measure an improvement in the run time.

Test Status: Success

3.5 EF373: Add a recurring flag in the table adjustment screen (Risk: L)

A recurring flag has been added to the Manual Table Adjustment screen, allowing users to select whether or not a table adjustment should be a one-off or recurring.

Previously, users had to enter a table adjustment, then enter the separate Manual Adjustment screen and check the 'recurring' box. This enhanced feature avoids that extra step, improving the user experience.

Note: leaving the field blank = not recurring.

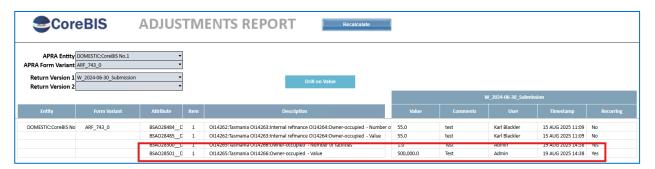
Test Goals: Confirm the new recurring table adjustment column has been added and test the functionality.

Test Method: Add a table adjustment to ARF 743 in June, selecting 'Yes' in the recurring column. Submit the adjustment. Review the June 2025 Manual Adjustment report. Create a July Workflow to confirm the recurring adjustment was also present.

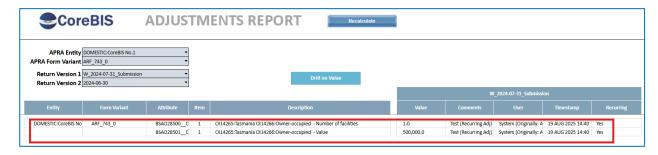




June 2024:



July 2024:



3.6 EF381: Table Mapping: Add a weighting to the mapping (Risk: L)

The CoreBIS Table Mapping module – specifically the Map Table Data screen – has had a Weighting feature added to allow users to change the sign of values reported in Tables.

This is especially useful for the new ARS 117, which requires liabilities/outflows to be reported as a negative number.

The (default) of 0 will apply a +1 weighting, while a -1 weighting will reverse the sign of the data.

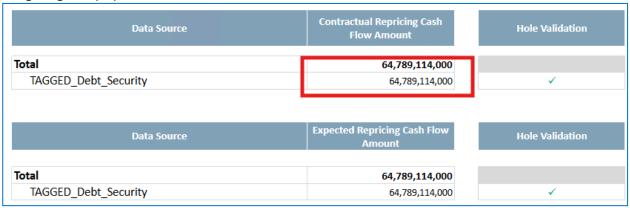
Test Goals: Test the Table Mapping weighting to confirm the functionality works correctly when populating tables in CoreBIS.

Test Method: Test the Table Mapping weighting feature by populating ARS 117 Table 1, using both a weighting of 0 (+1) and -1, and review the results.





Weighting of 0 (+1):



Weighting of -1:

Data Source	Contractual Repricing Cash Flow Amount	Hole Validation
Total TAGGED_Debt_Security	(64,789,114,000) (64,789,114,000)	✓
Data Source	Expected Repricing Cash Flow Amount	Hole Validation
Data Source Total		Hole Validation



4. New Features

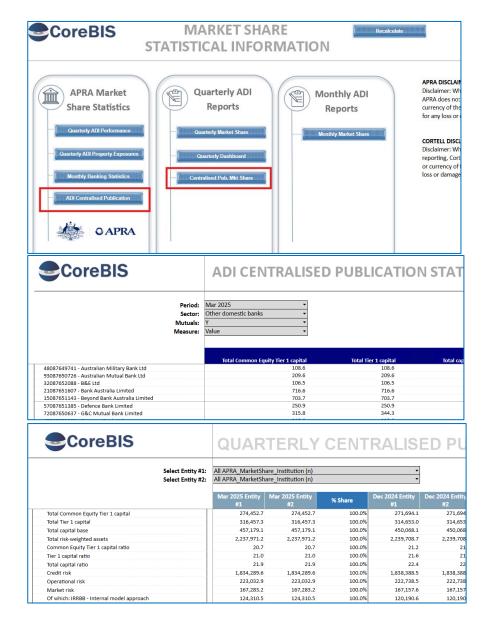
4.1 NF380: Market Share: Quarterly Centralised Publication (Risk: L)

Cortell have added two new reports to the (updated) Market Share menu.

- 1. The ADI Centralised Publications Statistics comprising the quarterly statistical information published by APRA, plus several derived ratios added by Cortell.
- 2. The Centralised Publication Market Share Reports comprising two dynamic reports that can summarise the APRA statistics in user-friendly formats.

Test Goals: Test the functionality and accuracy of the new Centralised Publication reports.

Test Method: Open each tab of each report and test the functionality of the picklists, the conditional formatting and calculations, and review results.





5. New Taxonomy

APRA published an updated APRA Connect taxonomy on the 2nd of June 2025.

5.1 EF382: ARS_110 (ADI_CAPAD) Taxonomy Update (Risk: L)

Nature of changes:

- Added new item to Section A, Regulatory Capital, Regulatory Adjustments to Common Equity Tier 1 Capital - 1.1.2.21 Unrealised losses for securities in liquid asset portfolio that are not measured at fair value
- Updated dynamic text calculations to incorporate the new item
- Added new validation rule ARS_110_0 00064 related to new item

These changes will affect the ARS_110 (ADI_CAPAD) for reporting periods ending on or after the 30th of September 2025.

The APRA Connect reporting version below has been updated in CoreBIS.

ADI_CAPADv20

