

Cortell Australia Pty Ltd

CoreBIS

Testing Verification

31/10/2022



Revision History

Date	Version	Description	Author
26/10/2022	0.1	Create Document	Rodrigo Alvarez
27/10/2022	1.0	Review document	Karl Blackler

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1. Summary

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

2. Code Updates

2.1 CU153: Stop system attributes showing on reports. (Risk:L)

Code Update: This update will stop the system attributes (CBDT and BAL attributes) from showing on the Movement and Trend Reports.

Test Goal: Check that the system attributes don't appear in the Movement and Trend Reports.

Test Method: Ensure the fix for this month has been applied. Compare Dev vs Prod instances on a report with system attributes (e.g. ARF_748_OB). The dev instance has this month's fixes. Check that no CBDT or BAL attributes appear.

CoreBIS PROD

Landing Admin.xlsx

Movement Report.xlsx

CoreBIS

MOVEMENT REPORT

Recalculate

Conditional Thresholds

APRA Entity

DOMESTIC:CoreBIS No.1

APRA Form Variant

ARF_748_OB

Data Source

All INT_DataSource (n)

Return Version 1

W_2021-09-30_Submission

Return Version 2

2021-08-31

Drill on Value

Trend Analysis

APRA Form Variant	APRA Entity	Attribute	Description	W_2021-09-30_Submission
ARF_748_OB	DOMESTIC:CoreBIS No.1	BSL22584_DV4065_DV4	OI14299:Bills of exchange OI14300:USD OI14301:Fixed - Value	9,000,000
		BSL22584_DV4065_DV4	OI14299:Bills of exchange OI14300:USD OI14301:Fixed - Value	361,915,852
		BSL22585_DV4065_DV4	OI14299:Bills of exchange OI14300:USD OI14301:Fixed - Interest rate	3
		BSL22585_DV4065_DV4	OI14299:Bills of exchange OI14300:USD OI14301:Fixed - Interest rate	0
		BSL22586_DV4064_DV4	OI14302:Covered bonds OI14303:USD OI14304:Floating - Value	7,000,000
		BSL22586_DV4064_DV4	OI14302:Senior unsecured debt OI14303:USD OI14304:Floating - Value	400,000,000
		BSL22586_DV4064_DV4	OI14302:Senior unsecured debt OI14303:USD OI14304:Floating - Value	100,000,000
		BSL22587_DV4064_DV4	OI14302:Covered bonds OI14303:USD OI14304:Floating - Interest rate	1
		BSL22587_DV4064_DV4	OI14302:Senior unsecured debt OI14303:USD OI14304:Floating - Interest rate	2
		BSL22587_DV4064_DV4	OI14302:Senior unsecured debt OI14303:USD OI14304:Floating - Interest rate	7
		BSL22589_DV4064_DV4	OI14302:Covered bonds OI14303:USD OI14304:Floating - of which: Maturing in 12 months or less - Value	5,000,000
		BSL22590_DV4064_DV4	OI14302:Covered bonds OI14303:USD OI14304:Floating - of which: Maturing in 12 months or less - Interest rate	3
		BSL22727_DV4064_DV4	OI14302:Covered bonds OI14303:USD OI14304:Floating - Tenor	5
		BSL22727_DV4064_DV4	OI14302:Senior unsecured debt OI14303:USD OI14304:Floating - Tenor	6
		BSL22727_DV4064_DV4	OI14302:Senior unsecured debt OI14303:USD OI14304:Floating - Tenor	10
		CBDT17481_DV4065_DV	OI14299:Bills of exchange OI14300:USD OI14301:Fixed -	27,000,000
		CBDT17481_DV4065_DV	OI14299:Bills of exchange OI14300:USD OI14301:Fixed -	65,144,853
		CBDT17481_DV4064_DV	OI14302:Covered bonds OI14303:USD OI14304:Floating -	7,000,000
		CBDT17481_DV4064_DV	OI14302:Senior unsecured debt OI14303:USD OI14304:Floating -	680,000,000
		CBDT17481_DV4064_DV	OI14302:Senior unsecured debt OI14303:USD OI14304:Floating -	710,000,000

CoreBIS TST

CoreBIS

MOVEMENT REPORT

Recalculate

Conditional Thresholds

APRA Entity

DOMESTIC:CoreBIS No.1

APRA Form Variant

ARF_748_OB

DataSource

All INT_DataSource (n)

Return Version 1

W_2021-09-30_Submission

Return Version 2

2021-08-31

Value

%

Drill on Value

Trend Analysis

APRA Form Variant	APRA Entity	Attribute	Description	W_2021-09-30_Submission
ARF_748_OB	DOMESTIC:CoreBIS No.1	BSL22584_DV4065_DV4	OI14299:Bills of exchange OI14300:USD OI14301:Fixed - Value	9,000,000
		BSL22584_DV4065_DV4	OI14299:Bills of exchange OI14300:USD OI14301:Fixed - Value	361,915,852
		BSL22585_DV4065_DV4	OI14299:Bills of exchange OI14300:USD OI14301:Fixed - Interest rate	3
		BSL22585_DV4065_DV4	OI14299:Bills of exchange OI14300:USD OI14301:Fixed - Interest rate	0
		BSL22586_DV4064_DV4	OI14302:Covered bonds OI14303:USD OI14304:Floating - Value	7,000,000
		BSL22586_DV4064_DV4	OI14302:Senior unsecured debt OI14303:USD OI14304:Floating - Value	400,000,000
		BSL22586_DV4064_DV4	OI14302:Senior unsecured debt OI14303:USD OI14304:Floating - Value	100,000,000
		BSL22587_DV4064_DV4	OI14302:Covered bonds OI14303:USD OI14304:Floating - Interest rate	1
		BSL22587_DV4064_DV4	OI14302:Senior unsecured debt OI14303:USD OI14304:Floating - Interest rate	2
		BSL22587_DV4064_DV4	OI14302:Senior unsecured debt OI14303:USD OI14304:Floating - Interest rate	7
		BSL22589_DV4064_DV4	OI14302:Covered bonds OI14303:USD OI14304:Floating - of which: Maturing in 12 months or less - Value	5,000,000
		BSL22590_DV4064_DV4	OI14302:Covered bonds OI14303:USD OI14304:Floating - of which: Maturing in 12 months or less - Interest rate	3
		BSL22727_DV4064_DV4	OI14302:Covered bonds OI14303:USD OI14304:Floating - Tenor	5
		BSL22727_DV4064_DV4	OI14302:Senior unsecured debt OI14303:USD OI14304:Floating - Tenor	6
		BSL22727_DV4064_DV4	OI14302:Senior unsecured debt OI14303:USD OI14304:Floating - Tenor	10
		BSL22591	1.3. Total outstanding debt securities - Value	877,915,852
		BSL22592	1.3. Total outstanding debt securities - Interest rate	2
		BSL22594	1.3. Total outstanding debt securities - of which: Maturing in 12 months or less - Value	375,915,852
		BSL22595	1.3. Total outstanding debt securities - of which: Maturing in 12 months or less - Interest rate	0

Test Status: Success

Commercial – in Confidence

CoreBIS - Testing Verification - 2022_10_31.docx

2.2 CU159: Derivation bracket +/- calculation. (Risk: L)

Code Update: We have applied an update to the derivations to fix issues with the calculation of weightings when formulas use multiple brackets.

This particular formula was raised with us. This is on the ARF_742_0B;

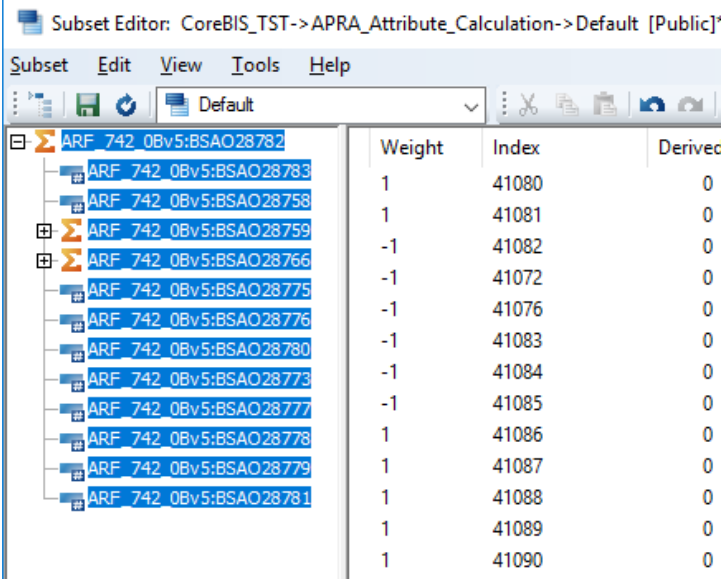
(BSAO28783-(BSAO28758+BSAO28759+BSAO28766+BSAO28775+BSAO28776+BSAO28780))
+BSAO28773+BSAO28777+BSAO28778+BSAO28779+BSAO28781

Test Goal: Run the D2A update and see the new 'non-bracket' rules appear on the derivation rules.

Note that these derivation rules will only kick in once the latest D2A data is copied to CoreBIS. As the rules are applied at a point in time, the rules will be after the last form requirement. So once the latest data is copied from D2A the form will be after the derivation rules, and hence those rules will apply.

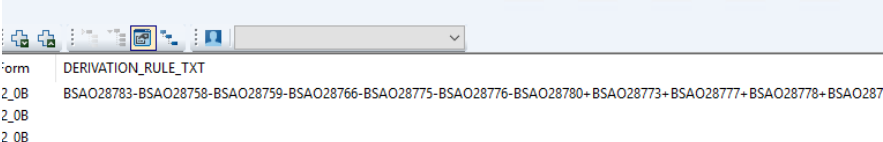
Test Method: Run the D2A update, and check the APRA_Attribute_Calculation Attributes on Consolidations.

The correct consolidation weightings are shown based on the formula.



	Weight	Index	Derived
ARF_742_0Bv5:BSAO28782			
ARF_742_0Bv5:BSAO28783	1	41080	0
ARF_742_0Bv5:BSAO28758	1	41081	0
ARF_742_0Bv5:BSAO28759	-1	41082	0
ARF_742_0Bv5:BSAO28766	-1	41072	0
ARF_742_0Bv5:BSAO28775	-1	41076	0
ARF_742_0Bv5:BSAO28776	-1	41083	0
ARF_742_0Bv5:BSAO28780	-1	41084	0
ARF_742_0Bv5:BSAO28773	-1	41085	0
ARF_742_0Bv5:BSAO28777	1	41086	0
ARF_742_0Bv5:BSAO28778	1	41087	0
ARF_742_0Bv5:BSAO28779	1	41088	0
ARF_742_0Bv5:BSAO28781	1	41089	0
	1	41090	0

The correct formula is shown on this item.



Form	DERIVATION_RULE_TXT
2_0B	BSAO28783-BSAO28758-BSAO28759-BSAO28766-BSAO28775-BSAO28776-BSAO28780+BSAO28773+BSAO28777+BSAO28778+BSAO287
2_0B	
2_0B	

Test Status: Success

2.3 CU160: Order of data loads. ATTR first, then BASE. (Risk: M)


Code Update: This update fixed two issues:

1. The current overnight process runs the cubes in the order they were created. This has been updated to run the data loads in alphabetical order. This ensures the attribute cubes are processed before the Base cube.
2. An issue was raised whereby if the process is run at 11:45 pm, once it goes over 12.00 pm, the time/dates do not calculate correctly, and the data loads stop executing. This code has been fixed to capture the date/time at the beginning of the process and use that date/time to process accordingly.

Test Goal: Ensure that the processes run in a different order before midnight and don't stop running.

Test Method:

Test the process CB_OVERNIGHT_DataLoads by running some of the auto-update processes by pressing the Overnight Execution button in the CoreBUILD Cubes screen.



CoreBUILD CUBES

Recalculate

Return to CoreBUILD

Filter by Type: All Cubes

Cube Type: Business

Edit Source

View Cube Dimensions

Add Dimension to Cube

Create Cube

Process Logs

Load Data

Delete Cube

Review Loaded Data

Overnight Execution

Cube Name	Cube Type	Auto Update	Data Load Source	Last Updated	Update Frequency	Update Next
ATTR_BASE_CostCentre	ATTR	N				INACTIVE
ATTR_BASE_CPTL_RB_Product	ATTR	N				INACTIVE
ATTR_BASE_CPTL_RB_Product_FC_Group	ATTR	N				INACTIVE
ATTR_DS_Deal	ATTR	Y	TEXTFILE	2022-10-26 12:14:54	ONE OFF	TONIGHT
ATTR_RM_Product	ATTR	N	ODBC			INACTIVE
ATTR_TAGGED_Testing_Measure	ATTR					INACTIVE
BASE_220_0_Exposures_and_Provisions	BASE		TEXTFILE	2021-10-20 14:29:45		INACTIVE
BASE_BEAR_Details	BASE	N				INACTIVE
BASE_Business_Loans	BASE		TEXTFILE	2021-12-03 14:46:31		INACTIVE
BASE_CPTL_Retail_Balances	BASE	N	ODBC	2020-04-08 17:08:54		INACTIVE
BASE_Credit_Cards	BASE		TEXTFILE	2021-06-29 15:52:47		INACTIVE
BASE_Debt_Security	BASE		ODBC	2022-10-21 02:03:07		INACTIVE
BASE_Fee_Allocation	BASE					INACTIVE
BASE_General_Ledger_Daily	BASE	Y	ODBC	2022-10-26 12:14:55	DAILY	TONIGHT
BASE_GL	BASE	N	ODBC	2018-04-22 22:00:01	DAILY	INACTIVE
BASE_Loan_Book	BASE	Y	ODBC	2022-10-26 12:14:57	ONE OFF	TONIGHT
BASE_Manual_Input	BASE	N				INACTIVE
BASE_Off_Balance_Sheet	BASE	N	TEXTFILE	2021-06-10 13:10:04		INACTIVE
BASE_Operational_Risk	BASE	N	ODBC	2018-04-19 22:00:04	WEEKLY	INACTIVE
BASE_Profit_Loss	BASE	N	ODBC	2019-03-18 14:54:22		INACTIVE
BASE_Residential_Mortgages	BASE	N	ODBC	2021-06-10 13:18:21	DAILY	INACTIVE
BASE_Statistics	BASE	N	TEXTFILE			INACTIVE
BASE_Testing	BASE	N	ODBC		MONTHLY	INACTIVE
BASE_testing_2021-02-18	BASE					INACTIVE
BASE_TextFile_Test	BASE	Y	TEXTFILE	2022-10-26 12:15:07	ONE OFF	TONIGHT

The red boxes above the Last Update column show that ATTR cubes are executed first and then the other processes are executed alphabetically.

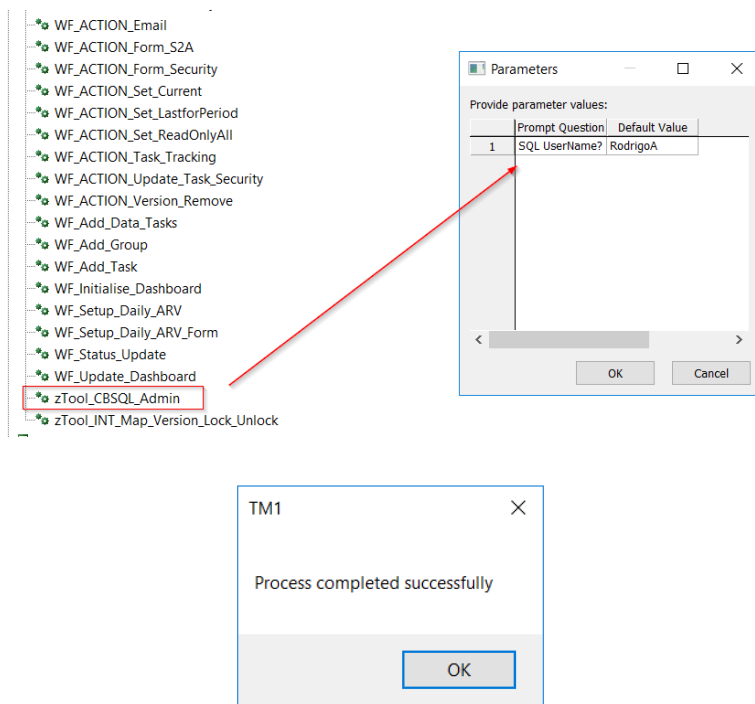
Test Status: Success

2.4 CU161: zTool Admin rights - Parameter name incorrect. (Risk:L)

Code Update: The user naming convention parameter was incorrectly referred to in this code update. This was changed to another user variable. This is an internal process that is only executed when required by Cortell support staff to grant access to the CoreBIS SQL database.

Test Goal: Ensure the process runs successfully.

Test Method: Run the process with a valid database user to test, and ensure the sys admin permission is created. For this test, we will only test the TM1 code.



Test Status: **Success**

2.5 CU163: Workflow Overview Bug - Current Status not updating correctly. (Risk:L)

Code Update: The Workflow Overview shows the current status of "No Workflow requirement" despite the user having a security status as a reviewer for that task. A fix was introduced so the current status should update to data Loaded for data sources and Approved by level one for forms.

Test Goal: Ensure the No Workflow requirement message doesn't appear when a user has review or approver access to that task

Test Method: Add a new user into the security of a form (do not change the review/approval workflow settings yet) and regenerate the workflow.

A user should see the No Workflow requirement

The screenshot shows the 'Workflow Overview' page in the CoreBIS system. The page has a filter section with buttons for 'Open Task', 'Task Detail', and 'Submit Task'. Below the filter is a table with the following data:

Description of Task	APRA Due Date	Current Status	Notes
Monthly Economic Financial Statistics Return 2	26/04/2022	No Workflow Requirement	
ARF_747_0B (DOMESTIC:CoreBIS No.1) - ABS/RBA Deposit Stocks, Flows and Interest R	26/04/2022	No Workflow Requirement	
ARF_748_0B (DOMESTIC:CoreBIS No.1) - ABS/RBA Wholesale Funding Stocks, Flows and	26/04/2022	No Workflow Requirement	

Add the user as an approver.

The screenshot shows the 'Form User Assignments' page in the CoreBIS system. The page has a filter section with buttons for 'Recalculate' and 'Return to Workflow Admin'. Below the filter is a table with the following data:

Return	Entity	Form	User	Current Security	Reviewer	Approver	Submit to APRA
Monthly Economic Financial Statistics Return 2	DOMESTIC:CoreBIS No.1	ARF_744_0B	James Corner	WRITE	0	1	1
			Adam Hopper	WRITE	1	0	1
			Ben Brown	WRITE	0	0	0
			Chris Smith	WRITE	0	0	1
			Admin	ADMIN	0	0	0
			Karl Blackler	WRITE	0	0	0
			James Corner	WRITE	0	0	0
			Adam Hopper	WRITE	0	0	0
			Ben Brown	WRITE	0	0	0
			Chris Smith	WRITE	0	0	0
		ARF_747_0B	Admin	ADMIN	0	0	1
			Karl Blackler	WRITE	1	1	0
			James Corner	WRITE	0	1	1
			Adam Hopper	WRITE	1	0	1
			Ben Brown	WRITE	0	0	0
			Chris Smith	WRITE	0	0	1
			Rodrigo Alvarez	WRITE	1	0	0
		ARF_748_0B	Admin	ADMIN	0	0	1
			Karl Blackler	WRITE	1	1	0
			James Corner	WRITE	0	1	1
			Adam Hopper	WRITE	1	0	1
			Ben Brown	WRITE	0	0	0
			Chris Smith	WRITE	0	0	1
			Rodrigo Alvarez	WRITE	1	0	0

The status should be changed:

CoreBIS Demo Environment

Workflow Overview

Filter: [Filter] Workflow Version: WF_2022-03-31_Submission

Description of Task	APRA Due Date	Current Status	Notes
+ All DataSources			
- All Forms			
- Monthly Economic Financial Statistics Return 2			
ARF_747_0B (DOMESTIC:CoreBIS No.1) - ABS/RBA Deposit Stocks, Flows and Interest R	26/04/2022	Waiting on Data Approval	
ARF_748_0B (DOMESTIC:CoreBIS No.1) - ABS/RBA Wholesale Funding Stocks, Flows and Interest R	26/04/2022	Waiting on Data Approval	

Test Status: **Success**

2.6 CU167: Add dimension to Tagged cube when the cube has no SBR/AC dimensions. Errors. (Risk:L)

Code Update: When no SBR or AC dimensions exist in a Tagged cube previously, the add dimension process errors and stops processing. A code update was added to the add dimension process to address this problem.

Test Goal: Check that you can add an SBR dimension in a tagged cube with no previous SBR/AC dimensions.

Test Method: Create or use a cube with no previous SBR or AC dimensions, and then use the Add Dimension wizard to add a new SBR dimension.

CoreBIS CoreBUILD DIMENSIONS

Recalculate Return to CoreBuild

Filters: Select Dimension Type: All Dimensions Select Cube: TAGGED_TextFile_Test Text Search:

Create new Dimension: SBR Dimension Select APRA Dimension: DIM906 - StandardEconomicSectorClassificationsOfAustraliaDimension Enter Dimension Name:

Note: The dimension will be prefixed based on the dimension type.

Buttons: Edit Source, Edit Structure, Edit Format, Delete Dimension, Create Attribute Cube, Create Dimension, Dimension Bulk Upload, Overnight Execution, Process Logs, New Element Report.

Dimension Name	Dimension Type	Updated From	Auto Update	Last Updated	Update Frequency	View Members
Reporting_Period	Business	MANUAL	N	2020-07-15 14:19:04		
BASE_Entity	Business	MANUAL	N	2022-03-15 09:48:19		
BASE_TextFile_Test	Business	TEXTFILE		2021-11-12 10:40:23		
BASE_TextFile_Test_Measure	Measure	MANUAL	N			
BASE_APRA_Entity	Business	MANUAL	N	2020-05-07 10:37:28		
TAGGED_TextFile_Test_Measure	Measure	MANUAL	N			

Before: An error should occur when adding a dimension in the environment without fixes.

Cube: TAGGED_TextFile_Test

New Dimension 1: SBR_Asset_Quality

New Dimension 2:

New Dimension 3:

New Dimension 4:

New Dimension 5:

Warning Statement:

This feature has a warning on it as it has the potential to change prior submission data.

This process will;

- > Export the data from the cube
- > Delete the cube
- > Recreate the cube
- > Reload the data

An error occurred

OK

Now that we applied the fix and created the cube, we should get an "Executed Success message" and add our dimension.

Edit Source		Filters		Create new Dimension		Note: The dimension will be prefixed based on the dimension type.	
Edit Structure		Select Dimension Type: All Dimensions	Select Dimension Type: SBR Dimension	Select APRA Dimension: DM906 - StandardEconomicSectorClassificationsOfAustraliaDimension		Overnight Execution	
Edit Format		Select Cube: TAGGED_TextFile_Test	Select APRA Dimension: Enter Dimension Name:	Create Dimension		Process Log	
		Text Search:		Dimension Bulk Upload		New Element Report	
		Delete Dimension	Create Attribute Cube				
Dimension Name	Dimension Type	Updated From	Auto Update	Last Updated	Update Frequency	View Members	
Reporting_Period	Business	MANUAL	N	2020-07-15 14:19:04			
BASE_Entity	Business	MANUAL	N	2022-03-15 09:48:19			
BASE_TextFile_Test	Business	TEXTFILE	N	2021-11-12 10:40:23			
BASE_TextFile_Test_Measure	Measure	MANUAL	N				
SBR_Asset_Quality	SBR Dimension	APRA	N	2021-07-29 15:32:47			
BASE_APRA_Entity	Business	MANUAL	N	2020-05-07 10:37:28			
TAGGED_TextFile_Test_Measure	Measure	MANUAL	N				

Test Status: **Success**

2.7 CU168: XML Export formatting only to 10 numbers before decimal. (Risk:L)

Code Update: The XML Export was formatting only ten digits before decimal. The formatting was changed to fifteen.

Test Goal: Check that an APRA Export has more than ten integers after decimal in a given form.

Test Method: Export a Form into the XML APRA export format with more than ten integer digits.

ARF_720_1A: ABS/RBA Loans and Finance Leases (Standard)

Effective date: 1 March 2022

Australian Business Number	Institution Name
12345678910	CoreBIS No.1
Reporting Period	Scale Factor
2019-09-30	
Reporting Consolidation	
DOMESTIC	

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

- 1.1. Total loans and finance leases
 - 1.1.1. Residents
 - 1.1.1.1. Households
 - 1.1.1.1.1. Housing loans
 - 1.1.1.1.1.1. Owner-occupied
 - 1.1.1.1.1.2. Investment
 - 1.1.1.1.2. Personal loans and finance leases
 - 1.1.1.1.2.1. Credit cards
 - 1.1.1.1.2.2. Finance leases

Total gross of provisions	Total: of which : Denominated in FX (AUD equivalent)	Total: of which : Maturing in one year or less	Individual provisions	Collective provision
(1)	(2)	(3)	(4)	(5)
21 284 082 267.0	0.0	0.0	0.0	0.0
21 257 364 731.0	0.0	0.0	0.0	0.0
21 257 364 731.0	0.0	0.0	0.0	0.0
21 162 490 817.0	0.0	0.0	0.0	0.0
15 104 115 000.0	0.0	0.0	0.0	0.0
6 058 365 817.0	0.0	0.0	0.0	0.0
94 883 914.0	0.0	0.0	0.0	0.0
94 883 914.0	0.0	0.0	0.0	0.0
0.0	0.0			

Go to the APRA Return Management -> Export to APRA and Export the form.

APRA Entity: All APRA_Entity (n)
 APRA Period: 2019-09-30
 APRA Return: All APRA_Return (n)

Optional Selections:

APRA Form: ARF_720_1A
 APRA Return Version: [dropdown]

This will default to the Final version; 2019-09-30

Export

Export folder: E:\ibm\CoreBIS_tst\Export\

Go to the Export Folder and open the XML file. In this example, 11 digits were exported.

Data (E:) > ibm > CoreBIS_TST > Export

Name	Date modified	Type	Size
2019-09-30_Monthly Economic Financial Statistics Return 1_ARF_720_1A_2022OCT26_155016.xml	10/26/2022 3:50 PM	XML Document	21 KB

```

<?xml version="1.0" encoding="UTF-8"?>
<!-- Created using CoreBIS @ 2022-OCT-26, 15:50:16 -->
<!-- return version="1" returnID="8001" period="2019-09-30" packageID="" name="Monthly Economic Financial Statistics Return 1" entity="12345678910" -->
<!-- <form version="3" d2aClientVersion="5.3" d2aImportSource="CoreBIS" formType="actual" code="ARF_720_1A" -->
  <group precision="2" reportingConsolidation="Domestic" reportingConsolidationID="100000008" reportingConsolidationType="DOMESTIC" reportingSub="" scaleFactor="0" unit="">
    <item code="BSA027551" data_type="" type="">21284092267.00</item>
    <item code="BSA027552" data_type="" type="">0.00</item>
    <item code="BSA027553" data_type="" type="">0.00</item>
    <item code="BSA027554" data_type="" type="">21257364731.00</item>
    <item code="BSA027555" data_type="" type="">0.00</item>
    <item code="BSA027556" data_type="" type="">0.00</item>
    <item code="BSA027557" data_type="" type="">21257364731.00</item>
    <item code="BSA027558" data_type="" type="">0.00</item>
    <item code="BSA027559" data_type="" type="">0.00</item>
    <item code="BSA027560" data_type="" type="">21162480817.00</item>
    <item code="BSA027561" data_type="" type="">0.00</item>
    <item code="BSA027562" data_type="" type="">0.00</item>
    <item code="BSA027563" data_type="MONETARY" type="DE14845">15104115000.00</item>
    <item code="BSA027564" data_type="MONETARY" type="DE14845">0.00</item>
    <item code="BSA027565" data_type="MONETARY" type="DE14845">0.00</item>
    <item code="BSA027566" data_type="MONETARY" type="DE14845">6058365817.00</item>
    <item code="BSA027567" data_type="MONETARY" type="DE14845">0.00</item>
    <item code="BSA027568" data_type="MONETARY" type="DE14845">0.00</item>
  </group>

```

Test Status: **Success**

2.8 CU171: Tagging Level - Remove Sort. (Risk:L)

Code Update: The tagging level dropdown list can sometimes incorrectly sort the levels (Level 1, Level 10, Level 100) ascendingly. This has been updated, so the dropdown shows the natural numbering sort (Level 1, Level 2, Level 3)

Test Goal: Check that the Tagging screen levels list shows the correct Level order.

Test Method: Open the Tagging screen and select a level in the Tagging Level dropbox. Check that the levels are correct.

CoreBIS

TAGGING

Recalculate

Back to Tagging Versions

DM2 - AustralianStatesAndTerritoriesDimension

Status: Data Entry Available

Select SBR Dimension

SBR_220_0_On_Off_Balance_Sheet

Tagging Version

TV1

Tagging Level

Level 1

Zero Suppress

Add New Combination

Filter

Find in subset...

Level 1

Level 2

Level 3

Level 4

Level 5

Level 6

Level 7

Add All Items

Add Selected Item

Filter

If not found move to step

If blank then 'Level 2'

BASE_220_0_Securitisation

<None>

AP1

CB2

CT3

Unknown

Element

On-balance sheet

On-balance sheet

Off-balance sheet

On-balance sheet

On-balance sheet

Next Level

Test Status: Success

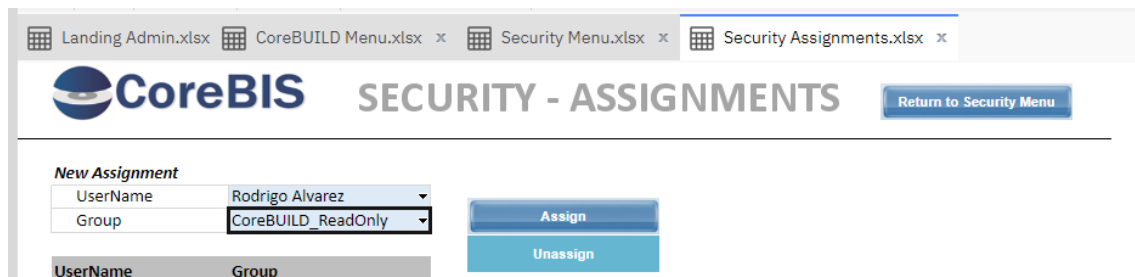
3. Enhancements to Existing Features

3.1 EF136: CoreBUILD ReadOnly Security Group. (Risk:L)

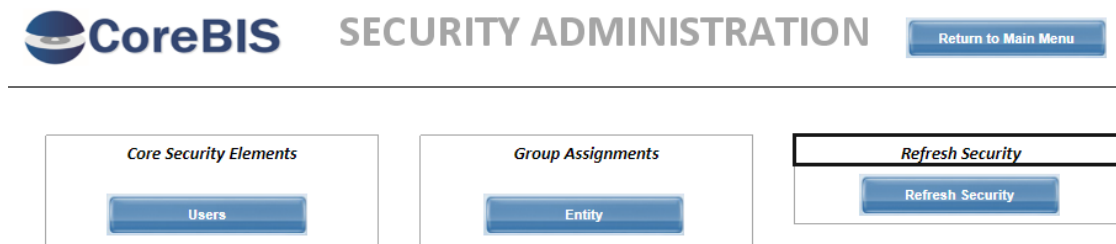
Code Update: A new group was added to allow users to see cubes, dims, tagging and mapping but not alter these objects. This group is called CoreBUILD_ReadOnly.

Test Goal: Set a user to the CoreBuild_ReadOnly group and check that he has read-only access to the models.

Test Method: With an admin account open security and in the Assignments, assign a non-Admin or CoreBuild-related user to the CoreBUILD_ReadOnly group



Refresh Security



Log in as the user and check that the landing page has the Control area.



A user should not have access to any process (running will show an error has occurred) or type on any security or corebuild field.

CoreBIS CoreBUILD DIMENSIONS

Recalculate Return to CoreBuild

Filters

Edit Source Edit Structure Edit Format

Select Dimension Type: All Dimensions Select Cube: All Cubes Text Search:

Create new Dimension

Select Dimension Type: Base Dimension Select APRA Dimension: N/A Enter Dimension Name:

Create Dimension Dimension Bulk Upload

Overnight Execution Process Logs New Element Report

Dimension Name	Dimension Type	Updated From	Auto Update	Last Updated	Update Frequency	View Members
BASE_Operational_Risk_Measure	Measure	MANUAL	N			
BASE_Product	Business	MANUAL	N			
BASE_Profit_Loss_Measure	Measure	MANUAL	N			
BASE_Residential_Mortgages_Measure	Measure	MANUAL	N			
BASE_Statistics_Measure	Measure	MANUAL	N			
BASE_Test	Business	ODBC	N			
BASE_Test 2_Measure	Measure	MANUAL	N			
BASE_Test cube_Measure	Measure	MANUAL	N			
BASE_testing loads	Business	MANUAL	N	2020-01-16 13:23:01		
BASE_testing_2021-02-18_Measure	Measure	MANUAL	N			

An error occurred

OK

CoreBIS TEXT FILE UPDATE

Recalculate Return to Dimensions

Select Dimension: BASE_TestFile_Test

TEXT FILE

File Folder: Default: E:\ibm\CoreBIS_tst\Source\Dimensions\

File Name: Text_Test.txt

Header Records: 0 Note: All files require a header record, 0 will default to 1 row.

Text Delimiter: Default: Comma when blank

Archive Options:

Last Updated: 2021-11-12 10:40:23

Update Frequency:

Update Start Date:

No access to elements or writing

Preview Dimension

Test Status: **Success**

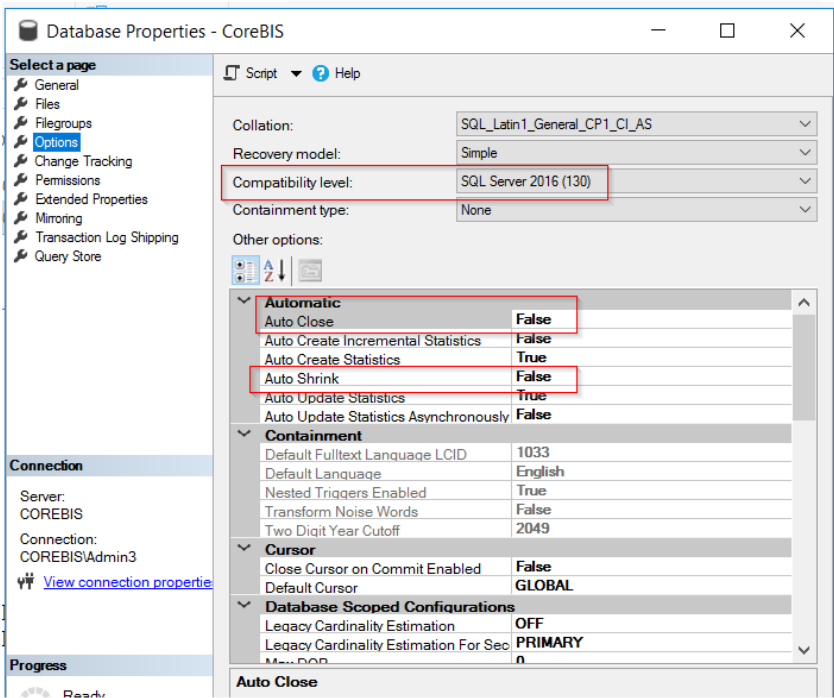
3.2 EF137: Review SQL settings. (Risk: M)

Code Update: This feature enhances backend SQL Server functionality to:

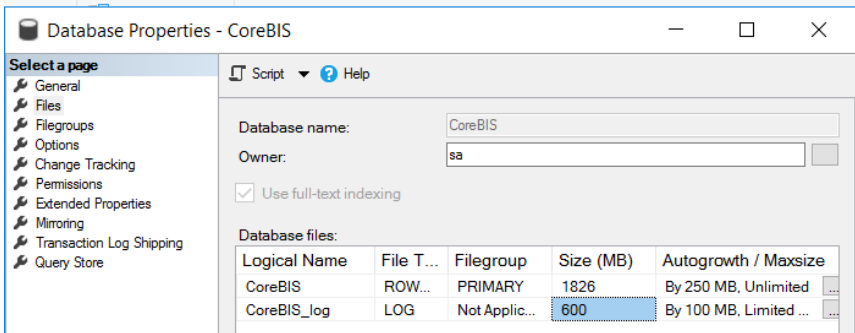
- 1. Raising compatibility level
- 2. Turn off auto-shrink and Auto close functions
- 3. Database Growth parameters
- 4. Recovery times

Test Goal: The SQL database changed several settings to optimise the described features. Please do not change these parameters. If you have any questions, please address them to Cortell directly.

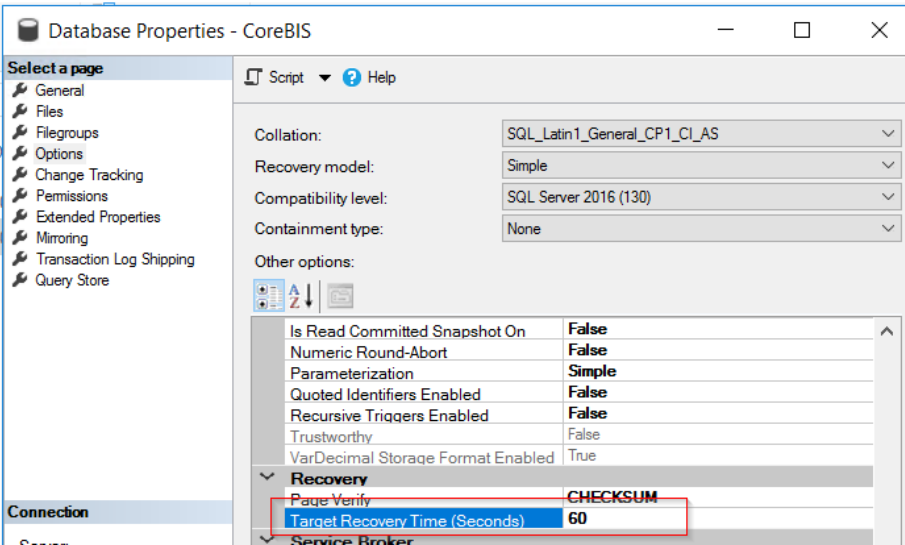
Compatibility raised and auto shrink and auto close off



Log Growth



Recovery Time



Test Status: **Success**

3.3 EF138: Tagging - Next Level. ELSE Web cache issue. (Risk: M)

Code Update: In the tagging screen, when a user selects a dimension combo that doesn't exist, then once created in the screen, the "ELSE" dropdown doesn't work as TM1Web cache's the view.

The solution to this problem was

1. Move the ELSE to the "All Tagging (n)" element instead of the consol of the specific selection.
2. A one-off process will move anything existing from existing levels into All Tagging (n). (Checking the assumptions before copying)

Test Goal: Ensure the level else option always works, especially in new taggings. This is located in the Tagging screen. This element points to All Tagging (n), the principal element in the Tagging hierarchy.

After the migration is run, if the client model has already created "ELSE" Level selections a file in the past period (when the fix was released), a file will be created in the IBM\CoreBIS\Temp directory called Tagging_Move_Next_Level_Report.csv This file is only control of what elements were moved or removed during the process to All Tagging (n). You don't have to do anything. It is just a log of what happened.

A	B	C	D	E	F	G	H
Action	zCB_Tagging_Assumptions Element Consol	SYS_CB_Tagging_Verion	SYS_CB_Tagging_Level	SYS_CB_Structure	SYS_CB_Tagging	SYS_CB_Tagging_Measure	Value
Moved from BASE_220_0_AAB9_Stage BASE_220_0_ANZSIC BASE_220_0_Security_Classification (Flag) to All Tagging (n)	BASE_220_0_AAB9_Stage BASE_220_0_ANZSIC BASE_220_0_Security_Classification (Flag)	TV1	Level 1	DS_ANZSIC	BASE_220_0_AAB9_Stage BASE_220_0_ANZSIC BASE_220_0_Security_Classification (Flag)	Next Level	Level 2

- The action column shows what tagging element previous consolidation was moved to All Tagging (n).
- The second columns have the name of the consolidation
- The following columns have the location in the Tagging cube
- The value is the level that was moved.

***This only applies if you used the level else functionality in October 2022 and the file exists.**

Test Status: Success

4. New Features

4.1 NF45 P4: Integrate CoreBIS with APRA Connect. (Risk: M)

Code Updates: Updates to the 112 setups to include:

1. Hole Validation
APRA releases a table of valid combinations; this has been integrated into the table to show any combinations that are NOT valid.
2. RW % calculation changes
The Hole Validation file contains the correct Risk Weight for the table; hence CoreBIS leverages this source to calculate the Risk Weight Assets for this table.
3. Entity - Consolidation Level update
APRA recently added the reporting level (Level 1/Level2) to the ARS_112. We've updated the Return Management > APRA Connect Management Screens to make you add a reporting consolidation now. If you have already set up the entity/forms from APRA Connect, you may need Cortell Support to check your setup.
4. CSV Export updates
The order of the CSV output now matches the table order, and the hole validation column has been added to allow more straightforward validation checking.

Test Goal: This has been tested while rolling out to multiple client sites. Those testing Documents are confidential. However, screenshots showing the relevant features have been provided in this document below.

4.1.1 Hole Validation

This screenshot shows the valid combinations in the table. These are stored in the ACD_ARS_112_0_Table_1 cube against the following.

- APRA_Return_Verison: No APRA_Return_Version Element
- APRA_Entity: No APRA_Entity Element
- INT_DataSource: Valid

Rows	Columns	Context
ACD_Credit_Risk_Standardised_Exposure_Classification_Type (n)	ACD_ARS_112_0_Table_1_Measure	All ACD_Balance_Sheet_Type (n)
[ACD_Credit_Risk_Standardised_Exposure_Classification_Type]	[ACD_ARS_112_0_Table_1_Measure]	[ACD_Balance_Sheet_Type]
		valid
		No APRA_Return_Version Element
		No APRA_Entity Element
		[INT_DataSource]
		[APRA_Return_Version]
		[APRA_Entity]

	HoleValidation
All ACD_Credit_Risk_Standardised_Exposure_Classification_Type (n)	49518
ADC	84
ADCOther	42
ADCRiskWeighted100Percent	42
AllOtherExposuresNotSpecifiedElsewhere	42
Bank	406
BankLongTerm	154
BankShortTerm	168
BankShortTermIssueSpecificCreditRating	84

The "HoleValidation" column in this screenshot shows those items that are **NOT** valid, so a fully valid cube view would have 0 in the "HoleValidation" column.

Landing Admin.xlsx Workflow Overview.xlsx ADI_CRSTDv1.xlsx ACD_ARS_112_0_Table_1							
Rows		Columns		Context			
ACD_Credit_Risk_Standardised_Exposure_Classification_Type:Default [ACD_Credit_Risk_Standardised_Exposure_Classification_Type]		ACD_ARS_112_0_Table_1_Measure:Default [ACD_ARS_112_0_Table_1_Measure]		All ACD_Balance_Sheet_Type (n) [ACD_Balance_Sheet_Type]	All INT_DataSource (n) [INT_DataSource]	W_2022-06-30_Submission [APRA_Return_Version]	AC_LEVEL2:Cortell Australia Pty Ltd [APRA_Entity]
	All ACD_ARS_112_0_Table_1_Measure (n)	CalculatedRWA	Average CRM/CCF %	ExposureAfterCRMAndCCFAmount	ExposureBeforeCRMAndCCFAmount	+ Average RWA %	HoleValidation
All ACD_Credit_Risk_Standardised_Exposure_Classification_Type (n)	111675361811.749	15,542,369,731.76	86.74%	44,653,973,083.93	51,479,018,996.05	34.81%	57
CommercialProperty	977243513.62608	257,544,000.87	100.00%	359,849,756.38	359,849,756.38	71.57%	7
CommercialPropertyDependent	977243513.62608	257,544,000.87	100.00%	359,849,756.38	359,849,756.38	71.57%	7
CommercialPropertyDependentStandard	977243513.62608	257,544,000.87	100.00%	359,849,756.38	359,849,756.38	71.57%	7
GeneralCorporate	3522751605.1962	1,108,738,553.22	100.00%	1,207,006,525.99	1,207,006,525.99	91.86%	16
GeneralCorporateOther	2441803904.7768	813,934,634.93	100.00%	813,934,634.93	813,934,634.93	100.00%	10
GeneralCorporateSMERetail	1080947700.4194	294,803,918.30	100.00%	393,071,891.06	393,071,891.06	75.00%	6
ResidentialProperty	10717536692.926	14,176,087,177.67	86.33%	43,087,116,801.57	49,912,162,713.69	32.90%	34
ResidentialPropertyNonStandard	70236462.744	23,412,154.25	100.00%	23,412,154.25	23,412,154.25	100.00%	2
ResidentialPropertyNonStandardOther	70236462.744	23,412,154.25	100.00%	23,412,154.25	23,412,154.25	100.00%	2
ResidentialPropertyStandard	107105130230.182	14,152,675,023.42	86.32%	43,063,704,647.32	49,888,750,559.44	32.86%	32
ResidentialPropertyOtherStandard	29207516667.0805	3,706,714,880.98	57.77%	9,337,877,936.99	16,162,923,849.11	39.70%	20
ResidentialPropertyOwnerOccupiedAndPrincipalAndInterestStandard	77897613563.1018	10,445,960,142.44	100.00%	33,725,826,710.33	33,725,826,710.33	30.97%	12

4.1.2 RW % calculation changes


If a row fails the Hole Validation, then the CalculatedRWA will not calculate. Only valid rows will calculate as CoreBIS uses the Hole Validation file to substitute the Risk Weights.

4.1.3 Entity - Consolidation Level update

The APRA Connect Management screen has a new column for Reporting Consolidation. This allows a form to be specified for a specific level.

CoreBIS APRA CONNECT MANAGEMENT									
APRA AC Entity: 6200 - Cortell Australia Pty Ltd				Add New Entity		Clear Table		Return to Return Mgmt	
				Validate Table		Submit to Return Mgmt			
Name	Reference	Revision	Categories	Status	End Date	Due Date	Reporting Consolidation	Validation	
1 ARS_112	ADI_CRSTDv1			open	2022-06-30	2032-06-30	LEVEL1	Valid	
2 ARS_112	ADI_CRSTDv1			open	2022-06-30	2032-06-30	LEVEL2	Valid	
3								Skip	

This will then flow through to the return management screen and workflow.



CoreBIS

APRA RETURN MANAGEMENT

Recalculate

APRA Entity:

Cortell Australia Pty Ltd

APRA Period:

2022-06-30

Add New Entity

Select Form Version: ADI_CRI

Scale: None

Due Date:

Remove

Run Form Monthly

Form Version Changes

APRA Entity	APRA Return	APRA Form Variant	receivedData	Precision	Scale	Version
AC_LEVEL2:Cortell Australia Pty Ltd	ARS 112.0 Capital Adequacy - Standardised	ADI_CRSTD	Y		0	1 1

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CoreBIS - Testing Verification - 2022_10_31.docx

Filter:

112

Filter

Workflow Version: WF_2022-06-30

Description of Task	APRA Due Date	Current Status	Notes
ARF_112_1A (LEVEL2:CoreBIS No.1) - Standardised credit risk - On-balance sheet assets (Ca)	04/08/2022	No Workflow Requirement	
ARF_112_1A (LEVEL1:CoreBIS No.1) - Standardised credit risk - On-balance sheet assets (Ca)	04/08/2022	No Workflow Requirement	
ARF_112_2A (LEVEL2:CoreBIS No.1) - Standardised credit risk - Off-balance sheet exposures	04/08/2022	No Workflow Requirement	
ARF_112_2A (LEVEL1:CoreBIS No.1) - Standardised credit risk - Off-balance sheet exposures	04/08/2022	No Workflow Requirement	
ARS 112.0 Capital Adequacy - Standardised Approach to Credit Risk			
ADI_CRSTD (AC_LEVEL1:Cortell Australia Pty Ltd) - ARS 112.0 Capital Adequacy - Standard	30/06/2032	No Workflow Requirement	
ADI_CRSTD (AC_LEVEL2:Cortell Australia Pty Ltd) - ARS 112.0 Capital Adequacy - Standard	30/06/2032	No Workflow Requirement	

4.1.4 CSV Export Updates

The export functions built into the 112 forms have been updated to export the table in the correct order and with the addition of the HoleValidation column.

Landing Admin.xlsx

Workflow Overview.xlsx

ADI_CRSTDv1.xlsx

APRA Return Management.xlsx

Work

APRA Entity

AC_LEVEL2:Cortell Australia Pty Ltd

INT DataSource

All INT_DataSource (n)

APRA Return Version

W_2022-06-30_Submission

Menu

Data Loads

Review Table 1 Definition

Export CSV File

Summary

Detailed

As per APRA

Base Data

Tagging

Tagg Da

Data Source	Exposure \$ Before CRM and CCF	Exposure \$ After CRM and CCF	Average RWA %
Total	51.479.018.996.05	44.653.973.083.93	34.8

AutoSave OFF

AC_W_2022-06-30_Submission_6200_LEVEL2_Karl Blackler_20221014115000_Summary.csv - Read-Only

Search (Alt+Q)

Karl Blackler

Comments

Share

FileHomeInsertPage LayoutFormulasDataReviewViewTMT1DeveloperHelp

L12

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T		
1	APRA_Return	APRA_Entity	INT_DataSource	INT_Manual	AACD_Credit	RIACD_Credit	RIACD_Balance	ACD_Nature	CACD_Loan	ToACD_Lenders	ACD_Exposure	ACD_Governm	ACD_Credit	RI	ExposureBefore	ExposureAfter	ACD_Risk	Wei	Average CRM/	Average RWA	CalculatedRWA	HoleValidation
2	W_2022-06-30_6200_LEVEL2	All INT_DataSource	All INT_Manua	ResidentialPrc	NotApplicable	OffBalanceShe	OtherCommity	50.01Percent	no	NotApplicable	no	NotApplicable	7077770026	2831108010	0.3	0.4	0.3	0.3	849332403.1	1		
3	W_2022-06-30_6200_LEVEL2	All INT_DataSource	All INT_Manua	ResidentialPrc	NotApplicable	OffBalanceShe	OtherCommity	55.01Percent	no	NotApplicable	no	NotApplicable	1902607218	761042887.2	0.3	0.4	0.4	0.3	228312866.2	1		
4	W_2022-06-30_6200_LEVEL2	All INT_DataSource	All INT_Manua	ResidentialPrc	NotApplicable	OffBalanceShe	OtherCommity	60.01Percent	no	NotApplicable	no	NotApplicable	65192816.76	26077126.71	0.4	0.4	0.4	0.4	10430850.68	1		
5	W_2022-06-30_6200_LEVEL2	All INT_DataSource	All INT_Manua	ResidentialPrc	NotApplicable	OffBalanceShe	OtherCommity	65.01Percent	no	NotApplicable	no	NotApplicable	25947171.47	10378868.59	0.4	0.4	0.4	0.4	4151547.435	1		

AutoSave

AC_W_2022-06-30_Submission_6200_LEVEL2_Karl Blackler_20221014115012_Detailed.csv - Read-Only

Search (Alt+Q)

Karl Blackler

FileHomeInsertPage LayoutFormulasDataReviewViewTMD1DeveloperHelp

Comments

N18

no

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
1	APRA_Return	APRA_Entity	INT_DataSource	INT_Manual	/ACD_ARS_112	ACD_ARS_112	ACD_Credit_R	ACD_Credit_R	ACD_Balance	ACD_Nature	/ACD_Loan_To	ACD_Lenders	ACD_Exposure	ACD_Governance	ACD_Credit_R	ExposureBefore	ExposureAfter	ACD_Risk_Weight	CalculatedRW	HoleValidation
2	W_2022-06-30	6200_LEVEL2	APRAValue	Base	No ACD_ARS_	No ACD_ARS_	ResidentialPr	NotApplicable	OffBalanceSh	OtherCommit	50.01Percent	T no	NotApplicable	no	NotApplicable	7077770026	0	0.3	0	1
3	W_2022-06-30	6200_LEVEL2	APRAValue	Base	No ACD_ARS_	No ACD_ARS_	ResidentialPr	NotApplicable	OffBalanceSh	OtherCommit	55.01Percent	T no	NotApplicable	no	NotApplicable	1902607218	0	0.3	0	1
4	W_2022-06-30	6200_LEVEL2	APRAValue	Base	No ACD_ARS_	No ACD_ARS_	ResidentialPr	NotApplicable	OffBalanceSh	OtherCommit	60.01Percent	T no	NotApplicable	no	NotApplicable	65192816.76	0	0.4	0	1
5	W_2022-06-30	6200_LEVEL2	APRAValue	Base	No ACD_ARS_	No ACD_ARS_	ResidentialPr	NotApplicable	OffBalanceSh	OtherCommit	65.01Percent	T no	NotApplicable	no	NotApplicable	25947171.47	0	0.4	0	1
6	W_2022-06-30	6200_LEVEL2	APRAValue	Base	No ACD_ARS_	No ACD_ARS_	ResidentialPr	NotApplicable	OffBalanceSh	OtherCommit	70.01Percent	T no	NotApplicable	no	NotApplicable	353977347.7	0	0.45	0	1
7	W_2022-06-30	6200_LEVEL2	APRAValue	Base	No ACD_ARS_	No ACD_ARS_	ResidentialPr	NotApplicable	OffBalanceSh	OtherCommit	75.01Percent	T no	NotApplicable	no	NotApplicable	398005459.4	0	0.45	0	1
8	W_2022-06-30	6200_LEVEL2	APRAValue	Base	No ACD_ARS_	No ACD_ARS_	ResidentialPr	NotApplicable	OffBalanceSh	OtherCommit	80.01Percent	T no	NotApplicable	no	NotApplicable	321204377.2	0	0.65	0	1
9	W_2022-06-30	6200_LEVEL2	APRAValue	Base	No ACD_ARS_	No ACD_ARS_	ResidentialPr	NotApplicable	OffBalanceSh	OtherCommit	85.01Percent	T no	NotApplicable	no	NotApplicable	590093192.7	0	0.65	0	1

AutoSave

AC_W_2022-06-30_Submission_6200_LEVEL2_Karl Blackler_20221014113737_PerAPRA.csv - Read-Only

Search (Alt+Q)

Karl Blackler

File

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P11

	C	D	E	F	G	H	I	J	K	L	M	N	O	
1	APRA_Return_Vers	APRA_Entity	ACD_Credit_Risk_S	ACD_Credit_Risk_S	ACD_Balance_Shee	ACD_Nature_OfTra	ACD_Loan_ToValua	ACD_Lenders_Mort	ACD_Exposure_Def	ACD_Government	ACD_Credit_Risk_R	ExposureBeforeCRM	ExposureAfterCRM	ACD_Risk_Weight_Type
2	W_2022-06-30	Subi 6200_LEVEL2	ResidentialPropert	NotApplicable	OffBalanceSheet	OtherCommitment	50.01PercentToLes	no	NotApplicable	no	NotApplicable	7077770026	2831108010	0.3
3	W_2022-06-30	Subi 6200_LEVEL2	ResidentialPropert	NotApplicable	OffBalanceSheet	OtherCommitment	55.01PercentToLes	no	NotApplicable	no	NotApplicable	1902607218	761042887.2	0.3
4	W_2022-06-30	Subi 6200_LEVEL2	ResidentialPropert	NotApplicable	OffBalanceSheet	OtherCommitment	60.01PercentToLes	no	NotApplicable	no	NotApplicable	65192816.76	26077126.71	0.4
5	W_2022-06-30	Subi 6200_LEVEL2	ResidentialPropert	NotApplicable	OffBalanceSheet	OtherCommitment	65.01PercentToLes	no	NotApplicable	no	NotApplicable	25947171.47	10378868.59	0.4

Test Status: **Success**

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CoreBIS - Testing Verification - 2022_10_31.docx

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4.2 NF51: Migration Package Module to allow deployment between servers. (Risk: H)

Code Updates: The migration package module is a significant feature that allows users to import/export CoreBuild components between two servers (Dev and Prod, Prod and Dev).

Test Goal: Export several objects from one environment to another to test that the module works.

Test Method: A basic Interest Rate base and tagged cubes were created with tagging and mapping. We will export and import this model to ensure all the components work correctly. This model uses a Dev server as a source and a Test server as a target server.

Step 1 – Create a package of the model using the wizard in the Dev environment.

In the Source server, in the CoreBUILD menu, select Migration packages, and in the migrations screen, create a new package named Testing_Verification.

The screenshot shows the 'CoreBUILD Migrations' interface. At the top, there are tabs for 'Landing Admin.xlsx', 'CoreBUILD Menu.xlsx', and 'CoreBUILD Migration Menu.xlsx'. The main header includes the 'CoreBIS' logo and 'CoreBUILD Migrations' text, with buttons for 'Recalculate' and 'Return to CoreBuild'. Below the header, there is a 'New Package Description' section with a text input field containing 'Testing_Verification', a 'Create Package' button, and a 'View Package' button. To the right of the input field is a status indicator showing 'Open' and 'Locked'. Below this, there is a table of existing packages.

Package Code	Type	Description	Created UserName	Export TimeStamp	Import TimeStamp
Package_2022-10-27 113428	OUT	Testing_Verification	Admin		
Package_2022-10-21 112523	OUT	Karl Test 21-10-22 #2	Karl Blackler	21-10-2022 @ 11:29:26	
Package_2022-10-21 104440	OUT	Karl Test 21-10-22 #1	Karl Blackler	21-10-2022 @ 11:33:18	

Step 2 – Export the new package

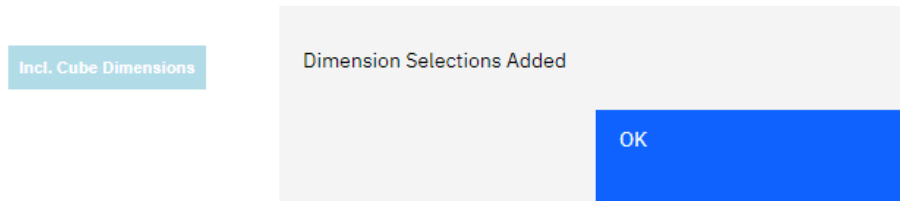
Click on View Package, and select the new package's name in the table below.

Go to the Cubes section and select the Base and Tagged cubes to export.

The screenshot shows the 'CoreBUILD Migrations' interface for the 'Package_2022-10-27 113428' package. The top section shows a flow diagram with steps: ODBC DSN, Dimensions, Cubes, Tagging, Mapping, and Summary. Below this, there is a table of cubes with an 'Include?' column. A button labeled 'Incl. Cube Dimensions' is also visible.

Cubes	Include?
ATTR_BASE_220_0_Security_Classification	
ATTR_BASE_Add_Dimension4	
ATTR_BASE_CostCentre	
ATTR_BASE_CPTL_RB_Product	
ATTR_BASE_CPTL_RB_Product_FC_Group	
ATTR_BASE_Package_Manual	
ATTR_DS_Deal	
ATTR_RM_Product	
ATTR_TAGGED_Testing_Measure	
BASE_220_0_Exposures_and_Provisions	
BASE_Attach_Rule	
BASE_BEAR_Details	
BASE_Country_Risk	
BASE_CPTL_Retail_Balances	
BASE_Credit_Cards	
BASE_Debt_Security	
BASE_General_Ledger_Daily	
BASE_GL	
BASE_Interest_Rate	Yes
RASP Loan Book	

With the selected cell in the green box with a Yes, click the Incl. The cube Dimensions button will bring the cube dimensions, repeat with the tagged cube and review that the dimensions of the cube were selected going back to the dimensions section (clicking in the circles above). A dimension-added message should follow.



Dimension section populated.

BASE_GL_Load_Date	
BASE_GL_Measure	
BASE_Interest Rate	Yes
BASE_Interest Rate_Load_Date	Yes
BASE_Interest Rate_Measure	Yes
BASE_Investment_Option	

Select the Taggings and Mapping using the circle section selectors the same way you added the cubes and dimensions.

Our selection should look like this in summary. In this case, we remove the Base_APRA_Entity, APRA_Entity and the Reporting Period dimensions as we don't want to overwrite them in the target environment.

CoreBUILD Migrations

[Recalculate](#)
[Return to Packages](#)

Package_2022-10-27 113428

ODBC DSN

Dimensions

Cubes

Tagging


Mapping

Summary

Object Type	Objects included in Migration	Included
Dimensions	BASE_APRA_Entity	
	BASE_Entity	
	BASE_Interest Rate	Yes
	BASE_Interest Rate_Load_Date	Yes
	BASE_Interest Rate_Measure	Yes
	Reporting_Period	
Cubes	SBR_Test_Interest_Rate	Yes
	TAGGED_Interest Rate_Measure	Yes
	BASE_Interest Rate	Yes
Tagging	TAGGED_Interest Rate	Yes
	SBR_LB_Interest_Rate_Type > TV1	Yes
Mapping	TAGGED_Interest Rate_Measure > TV1	Yes
	MV5 > ARF_748_OBv5 > TAGGED_Interest Rate	Yes

[EXPORT PACKAGE](#)

Click on the Export Package button and wait for the process completed screen successfully.



CoreBUILD Migrations

Recalculate

Return to Packages

Package_2022-10-27 113428

ODBC DSN

Dimensions

Cubes

Tagging

Mapping

Summary

Object Type	Objects included in Migration	Included
Dimensions	BASE_Interest_Rate	Yes
	BASE_Interest_Rate_Load_Date	Yes
	BASE_Interest_Rate_Measure	Yes
	SBR_Test_Interest_Rate	Yes

Process completed successfully.

OK

Move the object package from Source to Target directories in the Planning Analytics Server. Using the temp\MigrationOut -> temp\MigrationIn directories. (The package code id is in the top right part of the Migration screen.

Data (E:) > ibm > CoreBIS_Dev > temp > MigrationOut > Package_2022-10-27 113428 (20221027114651)

Name	Date modified	Type	Size
Mapping	10/27/2022 11:46 ...	File folder	
TableMapping	10/27/2022 11:46 ...	File folder	
Data.txt	10/27/2022 11:46 ...	Text Document	41 KB
Elements.txt	10/27/2022 11:46 ...	Text Document	5 KB
Package.txt	10/27/2022 11:46 ...	Text Document	1 KB
Tagging.txt	10/27/2022 11:46 ...	Text Document	193 KB

Copy the full directory to:

Data (E:) > ibm > CoreBIS_TST > temp > MigrationIn > Package_2022-10-27 113428 (20221027114651)

Name	Date modified	Type	Size
Mapping	10/27/2022 11:46 ...	File folder	
TableMapping	10/27/2022 11:46 ...	File folder	
Data.txt	10/27/2022 11:46 ...	Text Document	41 KB
Elements.txt	10/27/2022 11:46 ...	Text Document	5 KB
Package.txt	10/27/2022 11:46 ...	Text Document	1 KB
Tagging.txt	10/27/2022 11:46 ...	Text Document	193 KB

Step 3 – Import the package into the source server.

Before importing, ensure the workflow doesn't have any undergoing tasks. Otherwise, the package will be rejected. Regenerate if needed.

In the target, the server goes to Migration Packages (bottom left in the new CoreBUILD screen) and clicks View Packages in Folder, ensuring the imported package is there.

CoreBIS Import Package

Recalculate Return to Migrations

Import Folder: E:\ibm\CoreBIS_tst\temp\MigrationIn\ View Packages in Folder

Import Package

Package
Package_2022-10-27 113428 (20221027114651)
Package_2022-10-21 112523 (20221021112926)
Package_2022-10-21 104440 (20221021113318)
Package_2022-10-20 170626 (20221020171442)
Package_2022-10-20 164107 (20221020164212)
Package_2022-10-20 133617 (20221020134523)

Select the package and click Import Package, then click validate package

CoreBIS Import Package

Recalculate Return to Packages

Package: Package_2022-10-27 113428 (20221027114651)

Current Version: WF_2022-03-31_Submission

Validate Package Import Objects

Object Type	Objects included in Migration	Validation of the objects
Dimensions	BASE_Interest Rate	VALID > Dimension will be created
	BASE_Interest Rate_Load_Date	VALID > Dimension will be created
	BASE_Interest Rate_Measure	VALID > Dimension will be created
	SBR_Test_Interest_Rate	VALID > Dimension will be created
	TAGGED_Interest Rate_Measure	VALID > Dimension will be created
Cubes	BASE_Interest Rate	VALID > Cube will be created
	TAGGED_Interest Rate	VALID > Cube will be created
Tagging	SBR_LB_Interest_Rate_Type > TV1	VALID > SBR_LB_Interest_Rate_Type dimension exists, new Tagging Version will be created
	TAGGED_Interest Rate_Measure > TV1	VALID > TAGGED_Interest Rate_Measure dimension is in package, new Tagging Version to be created
Mapping	MV5 > ARF_748_OBV5 > TAGGED_Interest Rate	VALID > MV5 is unlocked, so mapping version will be updated

Check that it imported and validated all the objects, click Import Objects, and wait for a successful message.

Process completed successfully.

OK

Step 4 – Validate the objects were migrated correctly:

Cubes and Dimensions

CoreBIS CoreBUILD DIMENSIONS

Recalculate Return to CoreBuild

Filters

Select Dimension Type: All Dimensions

Select Cube: BASE_Interest Rate

Text Search:

Create new Dimension

Select Dimension Type: SBR Dimension

Select APRA Dimension: DM906 - StandardEconomicSectorClassificationsOfAustraliaDimension

Enter Dimension Name:

Overnight Execution Process Logs New Element Report

Dimension Name	Dimension Type	Updated From	Auto Update	Last Updated	Update Frequency	View Members
Reporting_Period	Business	MANUAL	N	2020-07-15 14:19:04		
BASE_Entity	Business	MANUAL	N	2022-03-15 09:48:19		
BASE_Interest Rate	Business	TEXTFILE		2022-09-16 10:43:10	ONE OFF	
BASE_Interest Rate_Measure	Measure	MANUAL	N	2022-10-20 12:57:22		

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CoreBIS - Testing Verification - 2022_10_31.docx

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CoreBUILD DIMENSIONS

Recalculate

Return to CoreBuild

Edit Source

Edit Structure

Edit Format

Filters

Select Dimension Type: All Dimensions

Select Cube: TAGGED_Interest Rate

Text Search:

Create new Dimension

Note: The dimension will be prefixed based on the dimension type.

Select Dimension Type: SBR Dimension

Select APRA Dimension: DM906 - StandardEconomicSectorClassificationsOfAustraliaDimension

Enter Dimension Name:

Overnight Execution

Process Logs

New Element Report

Delete Dimension

Create Attribute Cube

Create Dimension

Dimension Bulk Upload

Dimension Name	Dimension Type	Updated From	Auto Update	Last Updated	Update Frequency	View Members
Reporting_Period	Business	MANUAL	N	2020-07-15 14:19:04		
BASE_Entity	Business	MANUAL	N	2022-09-15 09:48:19		
BASE_Interst Rate	Business	TEXTFILE		2022-09-16 10:43:10	ONE OFF	
BASE_Interst Rate_Measure	Measure	MANUAL	N	2022-10-20 12:57:22		
SBR_Test_Interst_Rate	SBR Dimension	APRA	Y	2022-10-13 15:42:39		
BASE_APRA_Entity	Business	MANUAL	N	2020-05-07 10:37:28		
TAGGED_Interst Rate_Measure	Measure	MANUAL	N	2022-09-16 11:00:41		

Load Settings

TEXT FILE LOAD

Recalculate

Return to Cubes

Select Cube: BASE_Interst Rate

Preview / Load Cube

Format Text File

TEXT FILE

File Folder:

If Blank: E:\ibm\CoreBIS_tst\Source\Cubes\

File Name: Rate_Text.txt

Note: File Name can use the ?pPeriod? Variable to substitute the APRA

Header Records: 1

Note: All files require a header record, 0 will default to 1 row.

Text Delimiter: |

Default: Comma when blank

Archive Options:

Last Updated: 2022-10-19 09:40:36

Update Frequency: ONE OFF

Update Start Date:

Add New Elements as part of cube load: No

Custom Pre Process:

Custom Post Process:

Text formatter, if applies

TEXT FILE FORMATTER

Recalculate

Return to Text File

Select Cube: BASE_Interst Rate

Refresh File Fields

Preview / Load Cube

Review Datasets

Select APRA Period: 2022-09-31

Use the formatter for this Cube? Yes

Dimension Name	File Field	File Field Description	Hard Coded Value	Replace Nulls with	Calculation Type	Calculation Field #1	Calculation Field #2
Reporting_Period					APRA_Period	SYSTEM:APRA_Period	SYSTEM:APRA_Period-1
BASE_Entity							
BASE_Interst Rate							

BASE_Interst Rate_Measure	Measure Name	File Field	Measure Weighting	Calculation Type	Calculation Field #1	Calculation Field #2	Formula Integer
1 m1	Amount		2	Multiplication (*)	Amount		= (Amount * 2)
2 m2	Entity		5	Subtraction (-)	ReportingPeriod	Entity	= (ReportingPeriod - Entity) * 5
3			0				

Tagged Dimensions

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TAGGING

Recalculate

Back to Tagging Versions

Status: Data Entry Available

Select SBR Dimension

TAGGED_Interest Rate_Measure

Tagging Version

TV1

Tagging Level

Level 1

Zero Suppress

☐

Add New Combination

Filter

Sort Method

Add All Items

Add Selected Item

Filter

If not found move to step

Level 2

If blank then 'Level 2'

BASE_Interest				Element	Next Level
Amount				DERate - Rate Test	

Mapping

MAPPING ATTRIBUTE DETAIL

Recalculate

Return to Map by Concept

Status: Mapping Version open for data entry

Map Version:

MV5

Tagged Source:

TAGGED_Interest Rate

APRA Form Version:

ARF_748_0Bv5

Attribute:

BSL22610

Attribute PET Description:

2.4. Memo item: Asset-backed securities - Interest rate

Current Mapping

TAGGED_Interest Rate Dimensions	Input	Map
BASE_Interest Rate	Fixed Rate - Description of FR	Fixed Rate - Description of FR
BASE_Interest Rate_Measure	Amount	Amount
SBR_Test_Interest_Rate	Fixed	Fixed
BASE_APRA_Entity		
TAGGED_Interest Rate_Measure	DERate - Rate Test	DERate - Rate Test

SBR Mapping

xbrlDimensionTREF	SBR Dimension Version	xbrlMemberTREF	xbrlName_Text
DM888	ActivityStatus_02_00 ActivityStatusDimension	DV8223	New
DM538	CtgrOfExpsr_02_09 CategoryOfExposureDime	DV7266	AssetBackedSecurities
SBR_Concept	SBR_Concept	DE15699	bafot.02.52.FinancialRisk.Market.WeightedAverageInterestRateDebtSecurit

Test Status: Success

5. New Forms Versions

No new form versions this month