



Cortell Australia Pty Ltd

CoreBIS

Testing Verification

31/07/2022



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Revision History

Date	Version	Description	Author
22/07/2022	0.1	Create Document	Rodrigo Alvarez
31/07/2022	1.0	Review document	Karl Blackler

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1. Summary

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

2. Code Updates

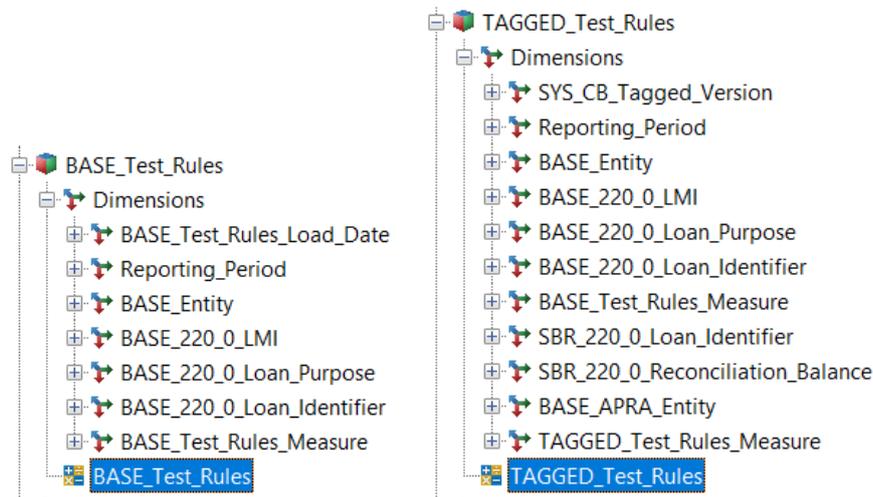
2.1 CU107: When adding dimensions to cubes, rules drop off (Risk:M)

Code Update: When cubes have a dimension added, the business rules drop off the cube. These rules need to be manually added back if someone notices. Quite often, resulting in a support ticket being raised.

This code update adds to the end of the process a step to add the rules back onto the cube. There is a slight chance the rule will need to be updated to reflect the changed cube structure. In this case, an error will occur with this part of the process.

Test Goal: Test that a file is attached when a dimension or group of dimensions is added.

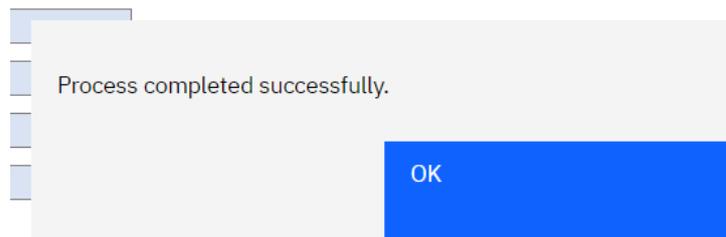
Test Method: Take a cube model with both Base and Tagged cubes. Both cubes have rules attached, so the rule is reattached when a new dimension is added.



Add dimensions to the base cube in the Add Dimensions screen in CoreBuild.



Check that the process was successful.

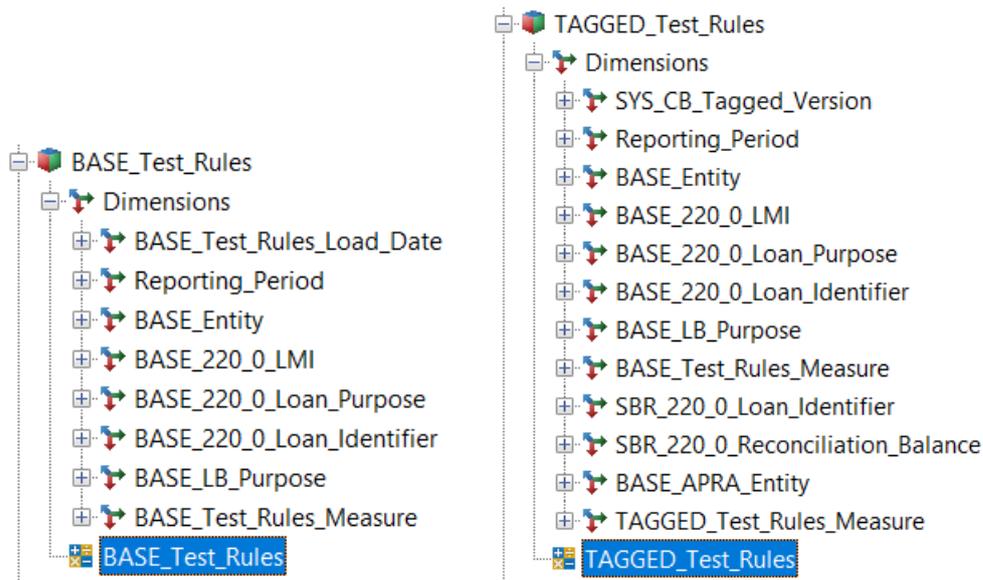


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Check that the new cubes have rules attached and the new dimensions.



Test Status: Success

2.2 CU127: Drill not working when multiple versions of cube created (Risk:L)

Code Update: A user drills on the duplicate datasource (TAGGED_Balance_Sheet_1) number, but the drill view returns the numbers from the non-duplicate (TAGGED_Balance_Sheet). This has been updated to return the correct mapping data when creating the view.

Test Goal: Validate that drilling on the duplicate mapped datasource returns the correct number.

Test Method: Recreate a mapping of 2 datasources, 1 a duplicate of the other, and map them differently. Drill on each and ensure they return the correct values.



DATASOURCE DRILL

Recalculate
Return to Form

APRA Entity	DOMESTIC:CoreBIS No.1
APRA Form Variant	ARF_720_4
APRA Return Version	W_2021-09-30_Submission
APRA Attribute	BSSAO28041
Data Type	NUMBER
APRA Table Attribute	

Adjustments Report
Manual Adjustments
Table Adjustments
Attribute Apportionments
Attribute Calculations

Mapping
Data Lineage

Data Source	Value
()	
Rounded Values	
Total	640,103,000.00
Adjustment	(1,000,000.00)
Derivation value	-
Rounded value	641,103,000.00
Unrounded Values <input checked="" type="checkbox"/> Zero Suppress	
All Unrounded Sources	641,103,000
TAGGED_Debt_Security	281,734,000
TAGGED_Debt_Security_1	359,369,000
Text Sources	
Total	

Note:
 The * next to the Datasource indicates this source is mapped.
 Click on the "Value" and click the button below.

Drill on first datasource

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proc_}Drill_zModule [DS_Deal]	proc_}Drill_zModule [DS_Currency]	Total
+ All DS_Deal (n)	+ All DS_Currency (n)	281,734,000.00

Drill on second datasource

proc_}Drill_zModule [DS_Deal]	proc_}Drill_zModule [DS_Currency]	Total
+ All DS_Deal (n)	+ All DS_Currency (n)	359,369,000.00

Test Status: Success

2.3 CU135: SYS_Date_Formatter Dimension needs extending (Risk:L)

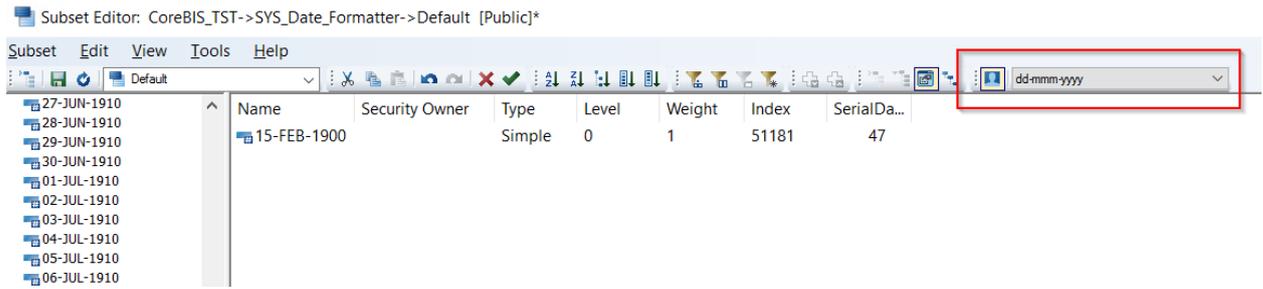
Code Update: The cube load text file formatter uses a lookup dimension to calculate dates correctly. This dimension started at 1960 to 2099. This has been extended to 1900 to 2099 to cater for dates before 1960.

Test Goal: Validate that the new source files have 1900 to 1959 added.

Test Method: Open perspectives and, click in the SYS_Date_Formatter dimension, scroll down to check that elements from 1900 to 1959 were added.

Name	Security Owner	Type	Level	Weight	Index	SerialDa...
1900-02-24		Simple	0	1	51190	56

Also, check that the attributes and aliases work:



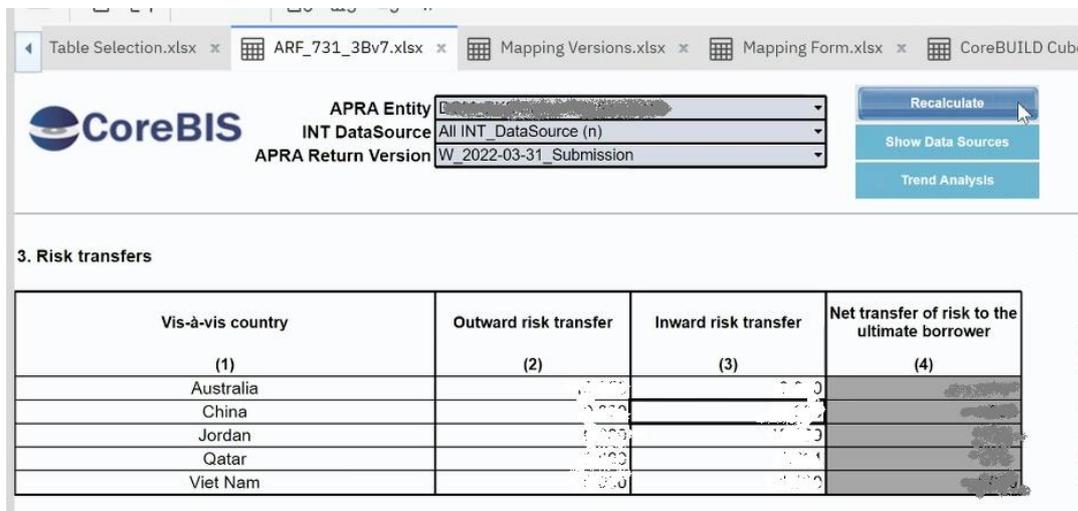
Test Status: Success

2.4 CU138: Table Item Derivation not showing after Table Mapping (Risk:L)

Code Update: This update was related to the **ARF_731_3A** and **ARF_731_3B** tables. The prior versions of these forms did not have derivations defined for the tables. In contrast, the later tables do, so any table items created on the previous version did not have the derivation column.

No update was required for the derivation updates, as the latest version has them, and the derivations were created on a table mapping rerun.

However, an update was performed to the form to point **Table4** at the "HasValue" datasource instead of the selected one, as the row would add to 0 and this would be suppressed.



Test Goal: Check that ARF_731_3A and ARF_731_3B work as expected on Table4.

Test Method: Enter manual adjustments into the Risk transfers table for the Outward risk and ensure the table doesn't zero suppress the value.



APRA Entity	LEVEL2:CoreBIS No.1
APRA Form Variant	ARF_731_3A
APRA Return Version	W_2021-09-30_Submission
APRA Attribute	R14469
APRA Table Attribute	
	()

Note: Click c

Table Number	Table Description
TBL_ARF_731_3A_Table1	1. Claims on an immediate borrower basis: by remaining maturity and country
TBL_ARF_731_3A_Table2	2. Claims on an immediate borrower basis: by sector of borrower and country
TBL_ARF_731_3A_Table3	3. Claims and liabilities on an immediate borrower basis: by sector of borrower and cot
TBL_ARF_731_3A_Table4	4. Risk transfers
TBL_ARF_731_3A_Table5	5. Claims on an ultimate risk basis
TBL_ARF_731_3A_Table6	6. Derivative contracts, guarantees and credit commitments

Recalculate

Return Table

APRA_Entity: LEVEL2:CoreBIS No.1
 APRA_Form_Variant: ARF_731_3A
 APRA_Return_Version: W_2021-09-30_Submission
 APRA_Table: TBL_ARF_731_3A_Table4 - 4. Risk transfers

Submit Adjustments

R14465	R14466	R14467	R14468	Comment	Error
Vis-a-vis country	Outward risk transfer	Inward risk transfer	Net transfer of risk to the		
1 Switzerland	50000	0	0	testing	
2	0	0	0		
3	0	0	0		

4. Risk transfers

Vis-à-vis country	Outward risk transfer	Inward risk transfer	Net transfer of risk to the ultimate borrower
(1)	(2)	(3)	(4)
Switzerland	50,000.000	0.000	-50,000.000

Test Status: **Success**

2.5 CU139: Update ODBC Open command for Unicode (Risk:H)

Code Update: We used a built-in function to execute ODBC statements that were not Unicode. An update was made to use the Unicode version of the function. ODBCOpen vs ODBCOpenEx.

Test Goal: Validate that TM1 can write in Microsoft SQL Server tables using the new ODBCOpenEx() function.

Test Method:

1. Open a SQL Server Management Studio session.
2. Run the Lib_Update_UL in TM1 and check that the Process ran successfully
3. Run the following query in SQL Server and validate that the result has data in the LoadedDateTime that matches when the Lib_Update_UL process was run.

```
use CoreBIS
SELECT *
FROM [CoreBIS].[dbo].[ul]
where
year(LoadedDateTime) = 2022
and month(LoadedDateTime) = 07
and day(LoadedDateTime)= 22 ;
```

100 %

Results Messages

	Id	User	User Description	Rights	Count	AccessDate	LoadedDateTime
15	4948					2022-07-21	2022-07-22 02:00:01.207
16	4949					2022-07-21	2022-07-22 02:00:01.207
17	4950					2022-07-21	2022-07-22 02:00:01.210
18	4951					2022-07-21	2022-07-22 02:00:01.220
19	4952					2022-07-21	2022-07-22 02:00:01.223
20	4953					2022-07-21	2022-07-22 02:00:01.223
21	4954					2022-07-21	2022-07-22 02:00:01.227
22	4955					2022-07-21	2022-07-22 02:00:01.227
23	4956					2022-07-21	2022-07-22 02:00:01.230
24	4957					2022-07-21	2022-07-22 02:00:01.230
25	4958					2022-07-21	2022-07-22 02:00:01.233
26	4959					2022-07-21	2022-07-22 02:00:01.237
27	4960					2022-07-21	2022-07-22 02:00:01.240
28	4961					2022-07-21	2022-07-22 02:00:05.060
29	4975					2022-07-21	2022-07-22 16:16:21.480
30	4976					2022-07-21	2022-07-22 16:16:21.483
31	4977					2022-07-21	2022-07-22 16:16:21.483
32	4978					2022-07-21	2022-07-22 16:16:21.487
33	4979					2022-07-21	2022-07-22 16:16:21.487
34	4980					2022-07-21	2022-07-22 16:16:21.490
35	4981					2022-07-21	2022-07-22 16:16:21.488

Test Status: Success

2.6 CU140: Security on Table Mapping cubes - INT_APRA_Map2 (Risk:L)

Code Update: The security was updated for the CoreBUILD group.

Test Goal: A user part of the CoreBUILD group will gain access to this cube.

Test Method: Check that a user in the CoreBUILD group can access this cube. Dropdown is showing for the user, meaning they have access to the cube.

Test Status: Success

2.7 CU141: File Formatter: Description not loading for concatenated field (Risk:L)

Code Update: The update last month, "EF128", added a concatenated field to the cube load text file formatter. However, the description field did not consider this concatenated field, so the description would not be added.

This updates the description code to consider the concatenated field so that descriptions can be added to the concatenated elements.

Test Goal: Test that a field using the concatenation field has its description updated.

Test Method:

Create a concatenated element in a test cube using the file formatter.

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		
BASE_Entity	EntityCode			01			
BASE_220_0_AA89_Stage	AA89_Stage			Unknown			
BASE_220_0_ANZSIC	ANZSIC Code			Unknown			
BASE_220_0_Balance_Bucket	Range1			Unknown			
BASE_220_0_Counterparty	Counterparty			Unknown			
BASE_220_0_Delinquent_Bucket	DelinquencyRange			Unknown			
BASE_220_0_Fixed_Loan_Bucket	Repricing Band			Unknown			
BASE_220_0_Interest_Rate_Type	RateType			Unknown			
BASE_220_0_LMI	HasLMI			Unknown			
BASE_220_0_Loan_Identifier	AccountNumber			Unknown			
BASE_220_0_Loan_Purpose	LoanPurpose			Unknown			
BASE_220_0_Loan_Purpose_Category	LoanPurposeCategory			Unknown			
BASE_220_0_LVR_Bucket	LVRRange			Unknown			
BASE_220_0_Mortgage_Type	MortgageType			Unknown			
BASE_220_0_Offset_Account	OffsetAccountFlag			Unknown			
BASE_220_0_Product		ProductName		Unknown	Concatenate(Field1Field2)	ProductCode	PrimaryChannel

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Check in the test screen that the concatenation is previewed, in this case the two fields are presented together.

BASE_220_0_Product	BASE
17	
CB01Proprietary	Prop

By clicking on the Edit Source of the dimension where the concatenation happened, refresh the list, and the new elements should be created with the Description selected.


MANUAL UPDATE

Recalculate
Return to Dimensions

Select Dimension: BASE_220_0_Product

Update Dimension
List All Elements

0 to 78 of 78

Row	Element	Name	Type
27	CB71	CB-Variable Rate Commercial Loan P&I	Numeric
28	CB01Proprietary	CB-Basic Home Loan	Numeric
29	CB01Broker	CB-Basic Home Loan	Numeric
30	CB06Proprietary	CB-Classic Visa	Numeric
31	CB06Broker	CB-Classic Visa	Numeric
32	CB06Unknown	CB-Classic Visa	Numeric
33	CB10Proprietary	CB-Commercial Overdraft	Numeric
34	CB10Broker	CB-Commercial Overdraft	Numeric
35	CB12Proprietary	CB-Easy Home Loan	Numeric
36	CB12Broker	CB-Easy Home Loan	Numeric
37	CB18Proprietary	CB-Fixed Int Rate Loan IO	Numeric
38	CB18Broker	CB-Fixed Int Rate Loan IO	Numeric
39	CB25Proprietary	CB-Fixed Int Rate Loan P&I	Numeric
40	CB25Broker	CB-Fixed Int Rate Loan P&I	Numeric
41	CB26Proprietary	CB-Fixed Rate Commercial Loan IO	Numeric
42	CB26Broker	CB-Fixed Rate Commercial Loan IO	Numeric
43	CB19Proprietary	CB-Fixed Rate Commercial Loan P&I	Numeric
44	CB19Broker	CB-Fixed Rate Commercial Loan P&I	Numeric
45	CB31Proprietary	CB-Flexible Personal Loan	Numeric

Test Status: Success

2.8 CU142: Table Adjustments adding many 0 adjustments (Risk:L)

Code Update: When adding table adjustments, all measures in the table are added as adjustments even if only 1 measure has a value. This results in many manual adjustments with a zero value. This update checks if the adjustment is not 0 before posting it.

Test Goal: Test that a table adjustment only adds adjustments with values.

Test Method: Add a table adjustment to the ARF_747_0B, check that only attributes with values are posted.

ARF_747_0B: ABS/RBA Deposit Stocks, Flows and Interest Rates (Reduced)
Effective date: 1 September 2021

Australian Business Number 12345678910 **Institution Name** CoreBIS No.1
Reporting Period 2021-09-30 **Scale Factor**
Reporting Consolidation DOMESTIC

1. Deposits outstanding - by counterparty & deposit type

Counterparty (1)	Deposit type (2)	Number (3)	Value (4)	Interest rate (5)
------------------	------------------	------------	-----------	-------------------

Enter an adjustment, expect only 1 manual adjustment not 3.

MANUAL TABLE ADJUSTMENTS

APRA Entity: DOMESTIC:CoreBIS No.1
APRA Form Variant: ARF_747_0B
APRA Return Version: W_2021-09-30_Submission
APRA Table: TBL_ARF_747_0B_Table1 - 1. Deposits outstanding - by counterparty & deposit type

Counterparty	Deposit type	Number	Value	Interest rate	CBDT17471	Comment	Error Msg
Households	Fixed-term	50000	0	0		0 testing	

Adjustment posted successfully

1. Deposits outstanding - by counterparty & deposit type

Counterparty (1)	Deposit type (2)	Number (3)	Value (4)	Interest rate (5)
Households	Fixed-term	50,000.0	0.0	0.0

Only the 1 adjustment showing in Adjustment Report.

ADJUSTMENTS REPORT

APRA Entity: DOMESTIC:CoreBIS No.1
APRA Form Variant: ARF_747_0B
Return Version 1: W_2021-09-30_Submission
Return Version 2: 2021-08-31

Entity	Form Variant	Attribute	Item	Description	Value	Comments	User	Timestamp	Recurring
DOMESTIC:CoreBIS No	ARF_747_0B	BSL22460_DVI	1	OI14291:Households OI14292:Fixed-term - Number	50,000.0	testing	Karl Blackler	26 JUL 2022 11:05	No

Test Status: Success

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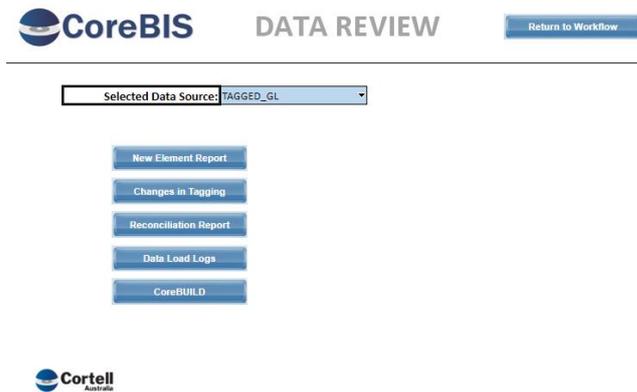
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2.9 CU143: TM1Web Error - Workflow Overview (Risk:L)

Code Update: An error was picked up in the web servers logfiles that referenced another server name. This was tracked down to the "Data Review Menu" in the workflow. This screen had a hidden sheet with a button referencing this other server, this has been removed.

Test Goal: No error messages in the TM1Web logfile.

Test Method: Open the "Data Review Menu" in the screen and check logfiles.



No errors found.

Test Status: Success

2.10 CU146: Return Management - Run Monthly - Causing wrong Due Date (Risk:L)

Code Update: If a form is set to run Monthly, there is an error with how the due date is calculated. This update fixes the due date.

Test Goal: The due date shows as per the formlist.

Test Method: Run the form monthly in environment without code fix, then compare to code fixed version.

Before "Run Form Monthly" and before code fix.

APRA Entity	APRA Return	APRA Form Variant	receivedData	Precision	Scale	Version	Due Date	Prev Pe	
DOM_BKS:CoreBIS No.1	International Exposures	ARF_731_1	Y		3	1000000	6	04/11/2021	6
LEVEL2:CoreBIS No.1	Credit Risk Return	ARF_118_0	Y		1	1000000	1	04/11/2021	1
	International Exposures	ARF_731_3A	Y		3	1000000	10	04/11/2021	10
		ARF_731_4	Y		3	1000000	2	04/11/2021	2
	Capital Adequacy Return - Standardised	ARF_110_0_2	Y		1	1000000	29	04/11/2021	29
		ARF_111_0	Y		1	1000000	6	04/11/2021	
		ARF_112_1A	Y		1	1000000	9	04/11/2021	9

Run "Run Form Monthly", see date change to incorrect.

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Capital Exposures	ARF_731_3A	Y		3	1000000	10	04/11/2021	10		
	ARF_731_4	Y		3	1000000	2	04/11/2021	2		
Capital Adequacy Return - Standardised	ARF_110_0_2	Y		1	1000000	29	04/11/2021	29		
	ARF_111_0	Y		1	1000000	6	04/12/2021	<input type="checkbox"/>		Yes
	ARF_112_1A	Y		1	1000000	9	04/11/2021	9		
	ARF_114_0	Y		1	1000000	3	04/11/2021	3		

Complete the same test on environment with code fix.

Capital Adequacy Return - Standardised	ARF_731_4	Y		3	1000000	2	04/11/2021	2		
	ARF_110_0_2	Y		1	1000000	29	04/11/2021	29		
	ARF_111_0	Y		1	1000000	6	04/11/2021	<input type="checkbox"/>		Yes
	ARF_112_1A	Y		1	1000000	9	04/11/2021	9		

Test Status: Success

3. Enhancements to Existing Features

3.1 EF133: Add dropdown to Text File Edit screen for the archive of files after load (Risk:M)

Code Update: An enhancement has been added to the Text File Dimension and Cube load screens, allowing users to select an archive option after file load. The selection allows users to select between "Rename File" and "Move to the Archive Folder".

Rename File

This will rename the file with a time-date stamp after successfully loading.

Move to the Archive folder

This will complete the rename function above before moving the file to a "Loaded" folder in the same location as the file.

Test Goal: Check that a test source file is renamed or moved to the archive as selected.

Test Method:

Rename File

In this case we will use a csv file in the text file load and we select Rename File in the Archive Options.



TEXT FILE LOAD

TEXT FILE

Select Cube:

File Folder:

File Name:

Header Records:

Text Delimiter:

Archive Options:

The file is located in the server in the Source\Cubes folder:

Data (E:) > ibm > CoreBIS_TST > Source > Cubes

Name	Date modified
Loan_Data_Sample.csv_converted.csv	7/25/2022 11:23 A...
Loan_Data 2021-09-30.csv_converted.csv	7/25/2022 11:01 A...
Loan_Data_Sample.csv	6/13/2022 11:36 A...

Load the data

Select Cube: **BASE_220_0_Exposures_and_Provisions**

Select APRA Period: **2021-09-30**

Buttons: Recalculate, Return to Cube, Clear Preview, Load Data, Process Logs, Run Preview

Options: Load Dimensions with Data Load, Run in Background

PREVIEW	Reporting_Period	BASE_Entity	BASE_220_0_AAB9_Stage	BASE_220_0_ANZS_IC	BASE_220_0_Balance_Bucket	BASE_220_0_Counterparty	BASE_220_0_Definquent_Bucket	BASE_220_0_Fixed_Loan_Bucket	BASE_220_0_Interest_Rate_Type	BASE_220_0_LMI	BASE_220_0_LMI
1	2021-09-30	1	Stage 1	Unknown	Greater Than 0	Households	Not Applicable	0 to 1 month	Variable	Y	1001350
2	2021-09-30	1	Stage 1	Unknown	Greater Than 0	Househo					1001350
3	2021-09-30	1	Stage 1	Unknown	Greater Than 0	Househo					1001350
4	2021-09-30	1	Stage 1	Unknown	Greater Than 0	Househo					1001350
5	2021-09-30	1	Stage 1	Unknown	Greater Than 0	Househo					1001350
6	2021-09-30	1	Stage 1	Unknown	Greater Than 0	Househo					1001350
7	2021-09-30	1	Stage 1	Unknown	Greater Than 0	Househo					1001350
8	2021-09-30	1	Stage 1	Unknown	Greater Than 0	Househo					1001350
9	2021-09-30	1	Stage 1	Unknown	Greater Than 0	Households	Not Applicable	0 to 1 month	Variable	Y	1001350
10	2021-09-30	1	Stage 1	Unknown	Greater Than 0	Households	Not Applicable	0 to 1 month	Variable	Y	1001350

Check that the file was renamed (and the converted version) with the timestamp

Data (E:) > ibm > CoreBIS_TST > Source > Cubes

Name	Date modified
Loan_Data 2021-09-30.csv_converted.csv	7/25/2022 5:53 PM
Loan_Data_Sample.csv_2022-07-27_21_20_51.csv	6/13/2022 11:36 A...
Loan_Data_Sample.csv_converted.csv2022-07-27_21_20_51....	7/27/2022 9:20 PM

Move to the Archive folder

In this case, we will use a csv file in the text file load and select Rename File in the Archive Options.

Select Cube: **BASE_220_0_Exposures_and_Provisions**

TEXT FILE

File Folder: []

File Name: **Loan_Data_Sample.csv**

Header Records: **0**

Text Delimiter: []

Archive Options: **Move to the Archive Folder**

The file is located in the server in the Source\Cubes folder:

Data (E:) > ibm > CoreBIS_TST > Source > Cubes

Name
Loan_Data_Sample.csv
Loan_Data 2021-09-30.csv_converted.csv
Loan_Data_Sample.csv_converted.csv

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Load the data

The interface shows the 'PREVIEW / LOAD DATA' section of CoreBIS. It includes a 'Select Cube' dropdown set to 'BASE_220_0_Exposures_and_Provisions' and a 'Select APRA Period' dropdown set to '2021-09-30'. Control buttons include 'Recalculate', 'Return to Cube', 'Clear Preview', 'Load Data', 'Process Logs', and 'Run Preview'. There are also checkboxes for 'Load Dimensions with Data Load' and 'Run in Background'. A data table is displayed with columns for 'PREVIEW', 'Reporting_Period', 'BASE_Entity', 'BASE_220_0_AAB9_Stage', 'BASE_220_0_ANZS_IC', 'BASE_220_0_Balance_Bucket', 'BASE_220_0_Counterparty', 'BASE_220_0_Deficient_Bucket', 'BASE_220_0_Fixed_Loan_Bucket', 'BASE_220_0_Interest_Type', 'BASE_220_0_LMI', and 'BASE_220_0_ID'. The table contains 10 rows of data. A 'Data Loaded' message is visible, and a blue 'OK' button is present.

PREVIEW	Reporting_Period	BASE_Entity	BASE_220_0_AAB9_Stage	BASE_220_0_ANZS_IC	BASE_220_0_Balance_Bucket	BASE_220_0_Counterparty	BASE_220_0_Deficient_Bucket	BASE_220_0_Fixed_Loan_Bucket	BASE_220_0_Interest_Type	BASE_220_0_LMI	BASE_220_0_ID
1	2021-09-30	1	Stage 1	Unknown	Greater Than 0	Households	Not Applicable	0 to 1 month	Variable	Y	100135C
2	2021-09-30	1	Stage 1	Unknown	Greater Than 0	Househo					100135C
3	2021-09-30	1	Stage 1	Unknown	Greater Than 0	Househo					100135C
4	2021-09-30	1	Stage 1	Unknown	Greater Than 0	Househo					100135C
5	2021-09-30	1	Stage 1	Unknown	Greater Than 0	Househo					100135C
6	2021-09-30	1	Stage 1	Unknown	Greater Than 0	Househo					100135C
7	2021-09-30	1	Stage 1	Unknown	Greater Than 0	Househo					100135C
8	2021-09-30	1	Stage 1	Unknown	Greater Than 0	Househo					100135C
9	2021-09-30	1	Stage 1	Unknown	Greater Than 0	Households	Not Applicable	0 to 1 month	Variable	Y	100135C
10	2021-09-30	1	Stage 1	Unknown	Greater Than 0	Households	Not Applicable	0 to 1 month	Variable	Y	100135C

Check that the file was renamed (and the converted version), sent to a folder (newly created called Loaded) with the timestamp

The screenshot shows a file explorer window with the path 'Data (E:) > ibm > CoreBIS_TST > Source > Cubes > Loaded'. The folder contains two files: 'Loan_Data_Sample.csv_converted.csv_2022-07-27_20_54_32.csv' and 'Loan_Data_Sample.csv_2022-07-27_20_54_32.csv'. The files are highlighted with a red box. The 'Date modified' column shows '7/27/2022 8:54 PM' and '6/13/2022 11:36 A...'.

4. New Features

4.1 NF45 P2: Integrate CoreBIS with APRA Connect (Risk:H)

4.1.1 NF45 P2.1 Review Data Length of typed dimensions.

Code Update An update was applied to the tagging process to error should a typed dimension be trying to add an element over the maximum length. The same update was applied to the Table Mapping process for APRA Connect tables, so stop the same issue.

Test Goal: The tagging does not allow an element over the maximum length to be created.

Test Method: Add in elements of correct length, and check if it runs successfully. Then add in an element over the maximum length and run tagging. Try the same test on the table mapping.

The maximum length for AC_SRF_Super_Product_ID is 20 characters. All products loaded are under that.

Rows	Columns	Co
BASE_SRF_Product [BASE_SRF_Product]	BASE_SRF_Profile_Measure:Default [BASE_SRF_Profile_Measure]	
	– All BASE_SRF_Profile_Measure (n)	amount Count
– All BASE_SRF_Product (n)		8510.00 8500.00 10.00
Product3		501.00 500.00 1.00
Product5		1502.00 1500.00 2.00
Product7		701.00 700.00 1.00
Product2		1902.00 1900.00 2.00
Product8		1301.00 1300.00 1.00
Product11		2603.00 2600.00 3.00



TAGGING VERSIONS

Recalculate
Back to Tagging

ACD254 - SuperannuationProductIdentifier

Selected SBR Dimension: AC_SRF_Super_Product_ID Typed Dimension

Tagged Version: Submission

Tagging Version Report

This version is used on these periods:

APRA Period	Tagging Version	Assumptions Locked	Tagging Locked	Data Locked
2021-06-30				UNLOCKED
2021-07-31				UNLOCKED
2021-08-31				UNLOCKED
2021-09-30	TV1	LOCKED	UNLOCKED	UNLOCKED

Tagging Version: TV1 LOCKED

This is a typed dimension, hence only the Level 1 / Item 1 will be used to create the new element

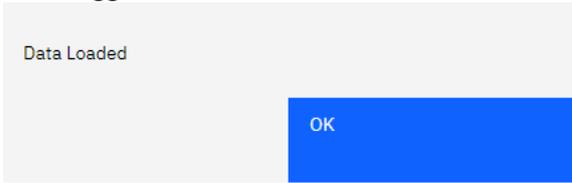
Level 1	Dimension	Attribute
1	BASE_SRF_Product	
2		
3		
4		

Create New Version

Save, Lock and Copy
Reset Version

Tagging

Load tagged cube.



Try loading data that has more than 20 characters.

Rows	Columns	Context	
BASE_SRF_Product [BASE_SRF_Product]	BASE_SRF_Profile_Measure:Default [BASE_SRF_Profile_Measure]	20 [Rep]	
	- All BASE_SRF_Profile_Measure (n)	amount	
		Count	
- All BASE_SRF_Product (n)	8510.00	8500.00	10.00
Product1	2603.00	2600.00	3.00
Product3	501.00	500.00	1.00
Product5	1502.00	1500.00	2.00
Product7	701.00	700.00	1.00
Product2	1902.00	1900.00	2.00
ProductProductProduct	1301.00	1300.00	1.00

Load tagged cube.



CoreBIS ERROR LOGS Recalculate Return to Process Log

TM1ProcessError_20220726014554_59524992_CB_UPDATE_Tagged.log

Line Item	Error Line	Text
1	Data procedure line (172)	2022-07-04 14:17:14,2022-09-31,1,Menu1,ProductProductProduct,I05,A1009,amount,1300,Data Source line (5) Error >> VALIDATION ERROR AC_SRF_Super_Product_ID > ProductProductProduct must be below 20 chars long.
2	Data procedure line (172)	2022-07-04 14:17:14,2022-09-31,1,Menu1,ProductProductProduct,I05,A1009,Count,1,Data Source line (6) Error >> VALIDATION ERROR AC_SRF_Super_Product_ID > ProductProductProduct must be below 20 chars long.

ror >> VALIDATION ERROR AC_SRF_Super_Product_ID > ProductProductProduct must be below 20 chars long.
 > VALIDATION ERROR AC_SRF_Super_Product_ID > ProductProductProduct must be below 20 chars long.

Test Status: Success

If no tagging took place, but the user wanted to use the BASE dimension directly in the Table Mapping, and the data is over the 20 character maximum length. Then the Table Mapping should error.

Rows	Columns	Context	
BASE_SRF_Product [BASE_SRF_Product]	TAGGED_SRF_Profile_Measure:Default [TAGGED_SRF_Profile_Measure]	All TAGGED_Version (n) [SYS_CB_Tagged_Version]	2022-03-31 [Reporting_Period]
	- All TAGGED_SRF_Profile_Measure (n)	InvestmentOptionMemberAccountsCount	MemberAssetsAmount
- All BASE_SRF_Product (n)	8510.00	10.00	8500.00
Product1	2603.00	3.00	2600.00
Product3	501.00	1.00	500.00
Product5	1502.00	2.00	1500.00
Product7	701.00	1.00	700.00
Product2	1902.00	2.00	1900.00
ProductProductProduct	1301.00	1.00	1300.00

CoreBIS MAP TABLE DATA Recalculate Return to Map Table

Form Version: SUP_PROFILEv5
 Table: SRF_606_0_Table_2.01
 DataSource: TAGGED_SRF_Profile
 Item: 1

Activate Item Deactivate Item Run this Item

This Mapping Item is Active ✓

Table Information

Table Attribute	Location	Dimension	Hard Code to:
SuperannuationProductIdentifier	Row	ACD_SuperannuationProductIdentifier SuperannuationProduct	
SuperannuationProductMemberAccountsC	Column		

Table Mapping

Specify 1 Row Attributes OR Hard Code above		Specify 1 Column Attribute		Add filtering to the data;
Dimensions	Row Attribute	Column Attribute	Dimension Element	Filter Data
BASE_SRF_Menu				
BASE_SRF_Product	SuperannuationProductIdentifi			
BASE_SRF_IO				
BASE_SRF_Account				
BASE_SRF_Profile_Measure				
AC_SRF_Super_Product_ID				
AC_SRF_Investment_Menu_ID				
AC_SRF_Investment_Option_ID				
BASE_APRA_Entity				
TAGGED_SRF_Profile_Measure		SuperannuationProductMemb	InvestmentOptionMemberAccountsC	

CoreBIS TABLE MAPPING Recalculate Return to Table Mapping

APRA Return Version: W_2022-03-31_Submission
 Datasource: TAGGED_SRF_Profile Process Logs

APRA Form Version (Optional): SUP_PROFILEv5
 APRA_Attribute_Mapping (Optional): SRF_606_0_Table_2.01
 APRA_Table_Map_Item (Optional): 1

Run Mapping

An error occurred

OK

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TM1ProcessError_20220726020220_93024992_DIM_APRA_Attribute_Table_Mapping_Component.log

Line Item	Error Line	Text
1	MetaData procedure line (212)	Submission,2022-03-31,All Base_Entity (n),All BASE_SRF_Menu (n),ProductP

ccountsCount,1,Data Source line (6) Error >> VALIDATION ERROR ACD_Superannuation_Product_Identifier > ProductProductProduct must be below 20 chars long.

The Table Mapping stops the invalid product from being added to the APRA Connect table.

Test Status: Success

4.1.2 NF45 P2 2: Export to XML function.

Code Update There has been an update to the XML export process to export APRA Connect XML files.

Test Goal: The D2A form still exports without issue, and the APRA Connect form/table is exported.

Test Method: Run a D2A form export, and check if the export is correct. Run the APRA Connect table export and see if that is correct.

APRA Entity:

APRA Period:

APRA Entity	APRA Return	APRA Form Variant	receiv
DOMESTIC:CoreBIS No.1	Quarterly Economic Financial Statistics Retu	ARF_720_5	N
	Monthly Economic Financial Statistics Retur	ARF_720_0A	N
		ARF_720_1A	N
		ARF_720_2A	N
		ARF_720_3	N
		ARF_720_4	N
		ARF_720_6	N
		ARF_720_7	N
	Monthly Economic Financial Statistics Retur	ARF_744_0B	N
		ARF_746_0B	N
	ARF_747_0B	N	
	ARF_748_0B	N	
	Quarterly Economic Financial Statistics Retu	ARF_730_0	N
	Monthly Economic Financial Statistics Retur	ARF_743_0	N
		ARF_745_0	N
	Australian Government SME Guarantee Sch	ARF_920_0	N
		ARF_920_2	N
AC:Cortell Australia Pty Ltd	ARS 115.0 Operational Risk	ADI_OPRISK	N
	SRS 605.0 RSE Structure	SUP_STRUCT	N
	SRS 606.0 RSE Profile	SUP_PROFILE	N

For the D2A export, we'll test exporting the "Monthly Economic Financial Statistics Return 1"



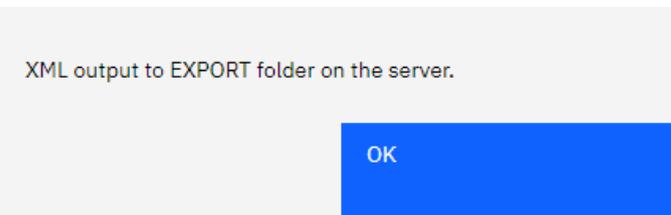
APRA Entity: All APRA_Entity (n)
APRA Period: 2022-03-31
APRA Return: Monthly Economic Financial Statistics Return 1

Optional Selections:
APRA Form:
APRA Return Version:

This will default to the Final version; 2022-03-31

Export

Export folder: E:\ibm\CoreBIS_Dev\Export\



Exported Successfully

Name	Date modified	Type	Size
2022-03-31_Monthly Economic Financial Statistics Return 1_2022JUL26_121259.xml	26/07/2022 12:12 ...	XML Document	72 K

2022-03-31_Monthly Economic Financial Statistics Return 1_2022JUL26_121259.xml - Notepad

File Edit Format View Help

```
<?xml version="1.0" encoding="UTF-8"?>
<!--Created using CoreBIS @ 2022-JUL-26, 12:12:59 -->
<return entity="12345678910" name="Monthly Economic Financial Statistics Return 1" packageId="" period="2022-03-31" net
<form code="ARF_720_0A" version="8" formType="actual" d2aImportSource="CoreBIS" d2aClientVersion="5.3">
<group unit="" scaleFactor="0" reportingSub="" reportingConsolidationType="DOMESTIC" reportingConsolidationID="1000000
<item code="BSA027413" type="" data_type=""></item>
<item code="BSA027414" type="" data_type=""></item>
<item code="BSA027415" type="DE168" data_type="MONETARY"></item>
<item code="BSA027416" type="DE168" data_type="MONETARY"></item>
<item code="BSA027417" type="DE14998" data_type="MONETARY"></item>
<item code="BSA027418" type="DE14998" data_type="MONETARY"></item>
<item code="BSA027419" type="" data_type=""></item>
<item code="BSA027420" type="" data_type=""></item>
<item code="BSA027421" type="" data_type=""></item>
<item code="BSA027422" type="" data_type=""></item>
<item code="BSA027423" type="" data_type=""></item>
<item code="BSA027424" type="DE14999" data_type="MONETARY"></item>
<item code="BSA027425" type="DE14999" data_type="MONETARY"></item>
<item code="BSA027426" type="DE14999" data_type="MONETARY"></item>
<item code="BSA027427" type="DE14999" data_type="MONETARY"></item>
<item code="BSA027428" type="" data_type=""></item>
<item code="BSA027429" type="DE14999" data_type="MONETARY"></item>
<item code="BSA027430" type="DF14999" data_type="MONETARY"></item>
```

For the AC export, we'll test exporting the "SRS 606.0 RSE Profile"

Before we export to XML, we need to load some data into the 606 cubes.

APRA Return Version:

Datasource:

[Process Logs](#)

APRA Form Version (Optional):

APRA_Attribute_Mapping (Optional):

APRA_Table_Map_Item (Optional):

[Run Mapping](#)

Rows	Columns	Context
ACD_Superannuation_Product_Identifier [ACD_Superannuation_Product_Identifier]	ACD_SRF_606_0_Table_2_Measure:Default [ACD_SRF_606_0_Table_2_Measure]	W_2022-03-31_Submission [APRA_Return_Version]
- All ACD_SRF_606_0_Table_2_Measure (n)		
	SuperannuationProductMemberAccountsCount	
- All ACD_Superannuation_Product_Identifier (n)	10.00	10.00
Product3	1.00	1.00
Product5	2.00	2.00
Product7	1.00	1.00
Product2	2.00	2.00
Product8	1.00	1.00
Product11	3.00	3.00

APRA Entity:

APRA Period:

APRA Return:

Optional Selections:

APRA Form:

APRA Return Version:

This will default to the Final version: 2022-03-31

XML output to EXPORT folder on the server.

OK

Export folder: E:\ibm\CoreBIS_Dev\EXPORTS\

Exported Successfully

```

Name
AC_2022-03-31_SRS 606.0 RSE Profile_SUP_PROFILE_6200_2022JUL26_121958.xml

AC_2022-03-31_SRS 606.0 RSE Profile_SUP_PROFILE_6200_2022JUL26_121958.xml - Notepad
File Edit Format View Help
<?xml version="1.0" encoding="UTF-8"?>
<!--Created using CoreBIS @ 2022-JUL-26, 12:19:58 -->
<SUP_PROFILE type="schema" versionNumber="1" guid="30b974d1-43da-4fc5-8b6
<SUP_PROFILE>
<EntityDetails>
<FirmID><value>6200</value></FirmID>
<FirmName><value>Cortell Australia Pty Ltd</value></FirmName>
<FirmRef><value>86096725567</value></FirmRef>
</EntityDetails>
<SRF_606_0_Table_2>
<SRF_606_0_Table_2_x005F_x002E_01>
<SRF_606_0_Table_2_x005F_x002E_01_x0020_Repeat_x0020_Group>
<SuperannuationProductMemberAccountsCount>
<value>1</value>
</SuperannuationProductMemberAccountsCount>
<SuperannuationProductIdentifier>
<value>Product3</value>
</SuperannuationProductIdentifier>
</SRF_606_0_Table_2_x005F_x002E_01_x0020_Repeat_x0020_Group>
<SRF_606_0_Table_2_x005F_x002E_01_x0020_Repeat_x0020_Group>
<SuperannuationProductMemberAccountsCount>
<value>2</value>
</SuperannuationProductMemberAccountsCount>
<SuperannuationProductIdentifier>
<value>Product5</value>
</SuperannuationProductIdentifier>
</SRF_606_0_Table_2_x005F_x002E_01_x0020_Repeat_x0020_Group>
<SRF_606_0_Table_2_x005F_x002E_01_x0020_Repeat_x0020_Group>
<SuperannuationProductMemberAccountsCount>
<value>1</value>
</SuperannuationProductMemberAccountsCount>

```

Test Status: Success

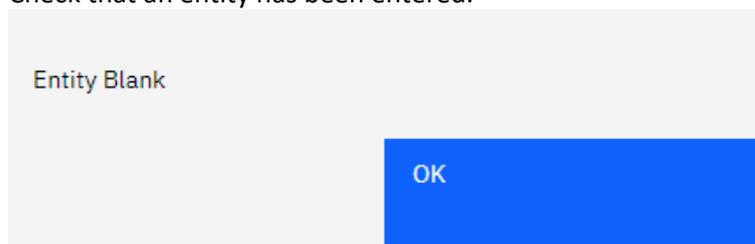
4.1.3 NF45 P2 3: Additions to the Return Management Screen for APRA Connect.

Code Update A new button (APRA Connect Management) has been added to the Return Management screen that allows the user to open up a screen for entering/pasting the APRA Connect details directly from the APRA Connect "Manage Returns" Portal screen.

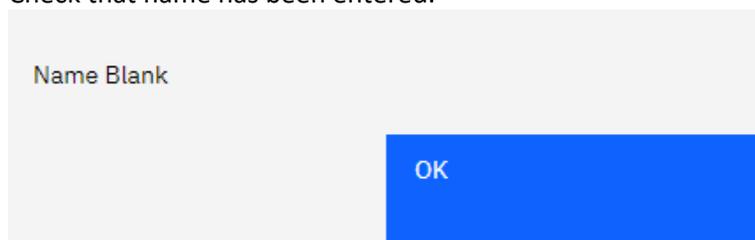
Test Goal: APRA AC Entities can be set up with a valid ABN and returns/forms can be added to the Return Management Screen.

Test Method: Testing the Entity screen to ensure new entities can be added.

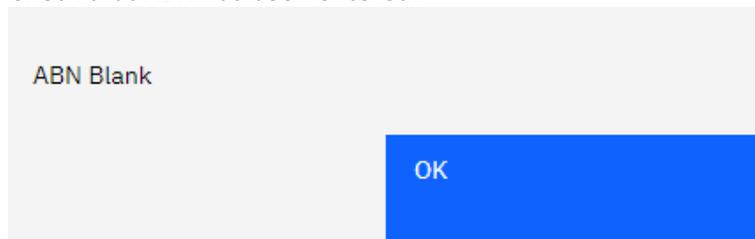
Check that an entity has been entered.



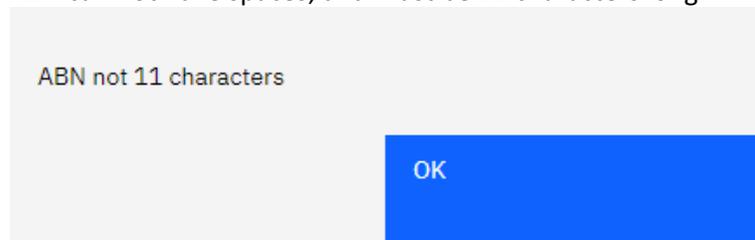
Check that name has been entered.



Check that ABN has been entered.



ABN can not have spaces, and must be 11 characters long.



ABN must be valid.

ABN
88000014679

ABN failed ABNFormat test.

OK

Enter Correct details.

Add New Entity

Entity	Name	ABN
1234	Woolworths	88000014675



APRA CONNECT ENTITY

Recalculate

Return to AC Mgnt

Add New Entity

Entity	Name	ABN
1234	Woolworths	88000014675

Add New Entity

Element	Name	ABN
1234	Woolworths	88000014675

Added successfully.

OK

Try adding it again

Entity already exists

OK

Test Status: **Success**

Test adding the Return/Form information.

Login to APRA Connect and download the returns for a specific period (30/06/2022);



KARL BLACKLER, Cortell Australia Pty Ltd



Manage Returns

This page allows you to perform all activities related to managing returns.

[Create Return](#) [View Submissions](#)

Draft Returns

Name	Reference	Revision	Categories	Status	End date	Due date	Actions
SRS 550.0 Asset Allocation Quarterly 30/06/2022	SUP_AA17346	0.1	Quarterly	No Data	30/06/2022	30/06/2032	
SRS 606.0 RSE Profile Quarterly 30/06/2022	SUP_PROFILE17072	0.1	Quarterly	No Data	30/06/2022	30/06/2032	
SRS 611.0 Member Accounts Quarterly 30/06/2022	SUP_MEMAC17343	0.1	Quarterly	No Data	30/06/2022	30/06/2032	
SRS 705.0 Performance Components Quarterly 30/06/2022	SUP_PERFCOMP16917	0.1	Quarterly	No Data	30/06/2022	30/06/2032	
SRS 705.1 Performance Benchmark Quarterly 30/06/2022	SUP_PERFBENCH17378	0.1	Quarterly	No Data	30/06/2022	30/06/2032	
SRS Attestation Quarterly 30/06/2022	SUP_ATT16996	0.1	Quarterly	No Data	30/06/2022	30/06/2032	

Paste the data into the screen

CoreBIS® Demo Environment

CoreBIS APRA CONNECT MANAGEMENT

APRA AC Entity: **6200 - Cortell Australia Pty Ltd**

Name	Reference	Revision	Categories	Status	End Date	Due Date	Validation
1 SRS 550.0 Asset Allocation Quarterly 30/06/2022	SUP_AA17346	0.1	Quarterly	No Data	30/06/2022	30/06/2032	
2 SRS 606.0 RSE Profile Quarterly 30/06/2022	SUP_PROFILE17072	0.1	Quarterly	No Data	30/06/2022	30/06/2032	
3 SRS 611.0 Member Accounts Quarterly 30/06/2022	SUP_MEMAC17343	0.1	Quarterly	No Data	30/06/2022	30/06/2032	
4 SRS 705.0 Performance Components Quarterly 30/06/2022	SUP_PERFCOMP16917	0.1	Quarterly	No Data	30/06/2022	30/06/2032	
5 SRS 705.1 Performance Benchmark Quarterly 30/06/2022	SUP_PERFBENCH17378	0.1	Quarterly	No Data	30/06/2022	30/06/2032	
6 SRS Attestation Quarterly 30/06/2022	SUP_ATT16996	0.1	Quarterly	No Data	30/06/2022	30/06/2032	
7							
8							
9							
10							

Hit the "Validate Table" button

CoreBIS APRA CONNECT MANAGEMENT

APRA AC Entity: 6200 - Cortell Australia Pty Ltd

Buttons: Recalculate, Return to Return Mgmt, Add New Entity, Clear Table, Validate Table, Submit to Return Mgmt

Name	Reference	Revision	Categories	Status	End Date	Due Date	Validation
1 SRS 550.0 Asset Allocation Quarterly 30/06/2022	SUP_AA17346	0.1	Quarterly	No Data	30/06/2022	30/06/2032	Reference does not contain AC Schema.
2 SRS 606.0 RSE Profile Quarterly 30/06/2022	SUP_PROFILE17072	0.1	Quarterly	No Data	30/06/2022	30/06/2032	Valid
3 SRS 611.0 Member Accounts Quarterly 30/06/2022	SUP_MEMAC17343	0.1	Quarterly	No Data	30/06/2022	30/06/2032	Reference does not contain AC Schema.
4 SRS 705.0 Performance Components Quarterly 30/06/2022	SUP_PERFCOMP16917	0.1	Quarterly	No Data	30/06/2022	30/06/2032	Reference does not contain AC Schema.
5 SRS 705.1 Performance Benchmark Quarterly 30/06/2022	SUP_PERFBENCH17378	0.1	Quarterly	No Data	30/06/2022	30/06/2032	Reference does not contain AC Schema.
6 SRS Attestation Quarterly 30/06/2022	SUP_ATT16996	0.1	Quarterly	No Data	30/06/2022	30/06/2032	Reference does not contain AC Schema.
7							Skip
8							Skip
9							Skip
10							Skip

From the list pasted only the SUP_PROFILE has been loaded into the test system. The system should test the following for accuracy.

- Reference for a valid Form/Schema
- End Date for the reporting period
- Due Date is a date.

CoreBIS Demo Environment

CoreBIS APRA CONNECT MANAGEMENT

APRA AC Entity: 6200 - Cortell Australia Pty Ltd

Buttons: Recalculate, Return to Return Mgmt, Add New Entity, Clear Table, Validate Table, Submit to Return Mgmt

Name	Reference	Revision	Categories	Status	End Date	Due Date	Validation
1 SRS 550.0 Asset Allocation Quarterly 30/06/2022	SUP_AA17346	0.1	Quarterly	No Data	3006/2022	30/06/2032	End Date Format not acceptable.
2 SRS 606.0 RSE Profile Quarterly 30/06/2022	SUP_PROFILE17072	0.1	Quarterly	No Data	30/06/2022	30/06/2032	Valid
3 SRS 611.0 Member Accounts Quarterly 30/06/2022	SUP_MEMAC17343	0.1	Quarterly	No Data	30/06/2022	3006/2032	Due Date Format not acceptable.
4 SRS 705.0 Performance Components Quarterly 30/06/2022	SUP_PERFCOMP16917	0.1	Quarterly	No Data	30/06/2022	30/06/2032	Reference does not contain AC Schema.
5 SRS 705.1 Performance Benchmark Quarterly 30/06/2022	SUP_PERFBENCH17378	0.1	Quarterly	No Data	30/06/2022	30/06/2032	Reference does not contain AC Schema.
6 SRS Attestation Quarterly 30/06/2022	SUP_ATT16996	0.1	Quarterly	No Data	30/06/2022	30/06/2032	Reference does not contain AC Schema.
7							Skip
8							Skip
9							Skip
10							Skip

Can only Submit if valid. Nothing happens if not valid. Fix sheet, and validate again.

Name	Reference	Revision	Categories	Status	End Date	Due Date	Validation
1							Skip
2 SRS 606.0 RSE Profile Quarterly 30/06/2022	SUP_PROFILE17072	0.1	Quarterly	No Data	31/05/2022	30/06/2032	Valid
3							Skip

Successfully added.

OK

APRA Entity	APRA Return	APRA Form Variant	receivedData	Precision	Scale	Version	Due Date	Prev Period Version	New / Change	Run Monthly
DOMESTIC:CoreBIS No.1	Quarterly Economic Financial Statistics Retu	ARF_730_0	N		0	1.5	27/07/2022	5		Yes
AC:Cortell Australia Pty Ltd	SRS 606.0 RSE Profile	SUP_PROFILE	N		0	1.5	30/06/2032		New	

Test Status: **Success**

Commercial – in Confidence

CoreBIS - Testing Verification - 2022_07_31.docx

4.2 NF50: Allocation / Apportionment Module (Risk:M)

Code Update A new feature has been added that allows values to be apportioned to a form attribute. The basis of this module is from the Attribute Calculations.

Test Goal: Adding the Numerator and Denominator to create a Ratio and then applying it to a mapped value.

Test Method: Use the ARF_720_1A values to apportion the ARF_730_0.

Find the base values to use for the Allocation. These were found on the ARF_720_1A.

1.1.1.1.1. Housing loans	15,106,595,324.0
1.1.1.1.1.1. Owner-occupied	11,633,099,086.0
1.1.1.1.1.2. Investment	3,473,496,238.0
1.1.1.1.2. Personal loans and finance leases	404,100,154.0

These attributes show the Profit & Loss value for Total Housing Interest, which needs to be split between OO and Inv on the ARF_730_0 (Before allocation)

1.1.6.1.1. Housing loans	96,574,864.0
1.1.6.1.1.1. Owner-occupied	48,287,432.0
1.1.6.1.1.2. Investment	48,287,432.0
1.1.6.1.2. Personal loans and finance leases	4,236,032.0

In the Drill screen, for the first attribute, click the "Attribute Apportionments" button



DATASOURCE DRILL

Recalculate
Return to Form

APRA Entity	DOMESTIC:CoreBIS No.1
APRA Form Variant	ARF_730_0
APRA Return Version	WV_2021-09-30_Submission
APRA Attribute	PL20029
Data Type	NUMBER
APRA Table Attribute	

Data Source	Value
<i>Rounded Values</i>	
Total	48,287,432.00
Adjustment	-
Derivation value	-
Rounded value	48,287,432.00
<i>Unrounded Values</i> <input checked="" type="checkbox"/> Zero Suppress	
All Unrounded Sources	48,287,432
* TAGGED_Profit_Loss	48,287,432
<i>Text Sources</i>	
Total	

Adjustments Report

Manual Adjustments

Table Adjustments

Attribute Apportionments

Attribute Calculations

Mapping

Data Lineage

Note:
 The * next to the Datasource indicates this source is mapped. Click on the "Value" and click the button below.

Add in the Numerator and Denominator attributes to create a Ratio.



ATTRIBUTE APPORTIONMENTS

Recalculate

Return to Datasource Drill

APRA Entity: DOMESTIC:CoreBIS No.1
 APRA Form Variant: ARF_730_0
 APRA Return Version: W_2021-09-30_Submission
 APRA Attribute: PL20029
 Data Type: NUMBER
 APRA Table Attribute:

Ratio: 77.007%

()

Numerator

	APRA_Entity	APRA_Form_Variant	APRA_Attribute	Weight	Value
1	DOMESTIC:CoreBIS No.1	ARF_720_1A	BSAO27563	1.00	11,633,099,086

Denominator

	APRA_Entity	APRA_Form_Variant	APRA_Attribute	Weight	Value
1	DOMESTIC:CoreBIS No.1	ARF_720_1A	BSAO27563	1.00	11,633,099,086
2	DOMESTIC:CoreBIS No.1	ARF_720_1A	BSAO27566	1.00	3,473,496,238
3					

This will apply 77.007% of the mapped value. Thus adding a reversal in to remove 22.993%.

Unrounded Values

Zero Suppress

All Unrounded Sources	37,184,585
INT_DataSource_Apportionment	(11,102,847)
* TAGGED_Profit_Loss	48,287,432

Note:
The * i
Click c

Test Sources

You would then add the same to the second attribute.

ARF_730_0 (After allocation)

1.1.6.1.1. Housing loans	48,287,432.0
1.1.6.1.1.1. Owner-occupied	37,184,585.0
1.1.6.1.1.2. Investment	11,102,847.0

Test Status: **Success**

Does a negative ratio work?

APRA Entity: DOMESTIC:CoreBIS No.1
 APRA Form Variant: ARF_730_0
 APRA Return Version: W_2021-09-30_Submission
 APRA Attribute: PL20029
 Data Type: NUMBER
 APRA Table Attribute:

Ratio: -77.007%

()

Numerator

	APRA_Entity	APRA_Form_Variant	APRA_Attribute	Weight	Value
1	DOMESTIC:CoreBIS No.1	ARF_720_1A	BSAO27563	(1.00)	(11,633,099,086)
2					

Unrounded Values

Zero Suppress

All Unrounded Sources	(37,184,585)
INT_DataSource_Apportionment	(85,472,017)
TAGGED_Profit_Loss	48,287,432

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Test Status: **Success**

What if the apportionment has no Denominator?

Ratio = 0%, and no apportionment is applied.

What happens if the apportionment references the same attribute as you're apportioning?

The rules will stop the apportionment from referencing itself, by defaulting the value to the "Tagged data" instead of "All unrounded sources".

5. New Forms Versions

The following were updated this period;

- ARF_180_1v3
- ARF_220_0v8
- ARF_222_1v1
- ARF_222_2v1