



Cortell Australia Pty Ltd

CoreBIS

Testing Verification

31/08/2023



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## Revision History

Date	Version	Description	Author
14/08/2023	0.1	Create Document	Rodrigo Alvarez
25/06/2023	0.2	Ongoing testing of package	Karl Blackler
30/06/2023	1.0	Release	Karl Blackler

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# 1. Summary

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

## 2. Code Updates

### 2.1 CU 150: Form 796\_1 does not work, even doing table adjustments. (Risk:L)

The Points of Presence forms have not been a priority as most clients have a static list that is uploaded manually to D2A. We have reviewed and fixed these form tables so they now work for table adjustments. (Linked with CU209)

**Test Goals:** Enter a table adjustment into the 796 form to check if the values appear correctly.

**Test Method:** Open workflow with 796 form, open form, show data sources, Table Adjustments, select first table, and enter data.

	OI14186	OI14184 Latitude	OI14185 Longitude	Comment	Error Msg
1	Yes	-28.6414	153.6140	Byron Bay	
2	Yes	-30.3053	153.1365	Coffs Harbour	
3					
4					
5					
6					

**APRA Entity** LEVEL1:CoreBIS No.1  
**INT DataSource** All INT DataSource (n)  
**APRA Return Version** W\_2022-06-30\_Submission

### ARF\_796\_1: Points of Presence - Face-to-Face Service Channels

Effective date: 1 July 2016

<b>Australian Business Number</b>	<b>Institution Name</b>
12345678910	CoreBIS No.1
<b>Reporting Period</b>	<b>Scale Factor</b>
2022-06-30	

**Reporting Consolidation**

LEVEL1
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#### Service channel information

Locational data		
Latitude (1)	Longitude (2)	Meets APRA's minimum branch requirements? (3)
-30.3053	153.1365	Yes
-28.6414	153.6140	Yes

**Test Status: Success**

## 2.2 CU 208: Copy Data Process caught up on in use files (Risk:M)

Users reported problems when using the Workflow that created access errors logged as "The process cannot access the file because another process is using it".

The fix updated the copy data processes in CoreBIS to ensure that the copy files have unique names and files are cleared to avoid any trip over.

**Test Goals:** Submit the ARS\_112 form in the workflow so that the form/table copies.

**Test Method:** Open workflow with ARS\_112 and submit the data then submit the ARS\_112 as Review, then Approved and final Submit to APRA. Check that the copy of data occurs correctly.

### Data Sources Submitted

The screenshot shows the CoreBIS Workflow Overview interface. At the top, there are buttons for 'Open Task', 'Task Detail', and 'Submit Task'. Below these is a filter input field and a 'Filter' button. The 'Workflow Version' is set to 'WF\_2022-09-30\_Submission'. A table lists tasks with columns for 'Description of Task', 'APRA Due Date', 'Current Status', 'Notes', and 'User'. Several tasks under 'All DataSources' are marked as 'Data Locked'. A 'Task Submitted' popup is visible over the table.

Description of Task	APRA Due Date	Current Status	Notes	User
All DataSources				
Review Data Loading of TAGGED_Debt_Security	04/10/2022	Data Locked		Adam Hopper
Review Data Loading of TAGGED_Residential_Mortgages	04/10/2022	Data Locked		Adam Hopper
Review Data Loading of TAGGED_GL	04/10/2022	Data Locked		
Review Data Loading of TAGGED_Loan_Book	04/10/2022	Data Locked		
Review Data Loading of LITE_EFS_Forms	04/10/2022	Data Locked		
Review Data Loading of LITE_Credit	04/10/2022	Data Locked		
All Forms				
Monthly Economic Financial Statistics Return 1				
ARF_720_0A (DOMESTIC:CoreBIS No.1) - ABS/RBA Statement of Financial Position (Star	14/10/2022	No Workflow Requirement		
ARF_720_1A (DOMESTIC:CoreBIS No.1) - ABS/RBA Loans and Finance Leases (Standard)	14/10/2022	No Workflow Requirement		Karl Blackler

ARS\_112 has data

The screenshot shows the CoreBIS ARS 112.0 - Data Loads interface. It features a navigation menu with 'Menu' and 'Data Loads' options. Below the menu, there are filter fields for 'APRA Entity' (set to 'AC\_LEVEL1:Cortell Australia'), 'INT DataSource' (set to 'All INT\_DataSource (n)'), and 'APRA Return Version' (set to 'W\_2022-09-30\_Submission'). There are also buttons for 'Export CSV File' (Summary, Detailed, As per APRA) and a 'Review Table 1 Definition' link. A data table is displayed at the bottom.

Data Source	Exposure \$ Before CRM and CCF	Exposure \$ After CRM and CCF	Average RWA %
<b>Total</b>	<b>61,813,989,041.37</b>	<b>55,613,007,014.18</b>	<b>60.0</b>
Adjustment	-	-	
<b>All Unrounded Sources</b>	<b>61,813,989,041.37</b>	<b>55,613,007,014.18</b>	<b>60.0</b>
TAGGED_Loan_Book	61,813,989,041.37	55,613,007,014.18	60.0

Commercial – in Confidence

CoreBIS - Testing Verification - 2023\_08\_31.docx

Filter:

112

Workflow Version: WF\_2022-09-30\_Submission

Description of Task	APRA Due Date	Current Status	Notes
ARF_112_1A (LEVEL2:CoreBIS No.1) - Standardised credit risk - On-balance sheet assets (Ca)	04/11/2022	Waiting on Approver	
ARF_112_1A (LEVEL1:CoreBIS No.1) - Standardised credit risk - On-balance sheet assets (Ca)	04/11/2022	Waiting on Approver	
ARF_112_2A (LEVEL2:CoreBIS No.1) - Standardised credit risk - Off-balance sheet exposures	04/11/2022	Waiting on Approver	
ARF_112_2A (LEVEL1:CoreBIS No.1) - Standardised credit risk - Off-balance sheet exposures	04/11/2022	Waiting on Approver	
<b>ARS 112.0 Capital Adequacy - Standardised Approach to Credit Risk</b>			
ADI_CRSTD (AC_LEVEL1:Cortell Australia) - ARS 112.0 Capital Adequacy - Standardised Ap	05/12/2022	Submitted to APRA	Task Submitted
ADI_CRSTD (AC_LEVEL2:Cortell Australia) - ARS 112.0 Capital Adequacy - Standardised Ap	05/12/2022	Waiting on Approver	

Cube Viewer: CoreBIS\_TST->ACD\_ARS\_112\_0\_Table\_1->Default

File Edit View Options Help

All INT\_DataSource (n) | All INT\_Manual\_Adjustments (n) | All ACD\_Balance\_Sheet\_Type (n) | All ACD\_Credit\_Risk\_Rating\_Grade\_Type (n)

All ACD\_ARS\_112\_0\_Table\_1\_Custom2 (n) | All ACD\_Credit\_Risk\_Standardised\_Exposure\_Sub\_Classification\_Type (n)

All ACD\_Exposure\_Default\_Type (n) | All ACD\_Government\_Guarantee\_Indicator (n) | All ACD\_Lenders\_Mortgage\_Insurance\_Indicator (n)

All ACD\_Loan\_ToValuation\_Ratio\_Type (n) | All ACD\_Nature\_OfTransaction\_Type (n) | All ACD\_Risk\_Weight\_Type (n)

All ACD\_ARS\_112\_0\_Table\_1\_Custom1 (n)

APRA_Entity	ACD_Credit_Risk_Standardised_Exposure_Classification_Type Default	ACD_ARS_112_0_Table_1_Measure		APRA_Return_Version		ExposureAfterCRMAAndCCFAmount		ExposureBeforeCRMAAndCCFAmount	
		CalculatedRWA		W_2022-09-30_Submission	2022-09-30	W_2022-09-30_Submission	2022-09-30	W_2022-09-30_Submission	2022-09-30
	-- All ACD_Credit_Risk_Standardised_Exposure_Classification_Type (n)	33,486,542,837.92	33,486,542,837.92	55,613,007,014.18	55,613,007,014.18	61,813,989,041.37	61,813,989,041.37	61,813,989,041.37	61,813,989,041.37
	-- CommercialProperty	13,067,478,116.03	13,067,478,116.03	17,248,761,357.38	17,248,761,357.38	18,302,624,753.85	18,302,624,753.85	18,302,624,753.85	18,302,624,753.85
	-- CommercialPropertyDependent	13,067,478,116.03	13,067,478,116.03	17,248,761,357.38	17,248,761,357.38	18,302,624,753.85	18,302,624,753.85	18,302,624,753.85	18,302,624,753.85
	CommercialPropertyDependentStandard	13,067,478,116.03	13,067,478,116.03	17,248,761,357.38	17,248,761,357.38	18,302,624,753.85	18,302,624,753.85	18,302,624,753.85	18,302,624,753.85
	-- ResidentialProperty	20,419,064,721.88	20,419,064,721.88	38,364,245,656.80	38,364,245,656.80	43,511,364,287.52	43,511,364,287.52	43,511,364,287.52	43,511,364,287.52
	-- ResidentialPropertyNonStandard	13,546,652,491.94	13,546,652,491.94	13,546,652,491.94	13,546,652,491.94	16,069,173,887.98	16,069,173,887.98	16,069,173,887.98	16,069,173,887.98
	ResidentialPropertyNonStandardOther	13,546,652,491.94	13,546,652,491.94	13,546,652,491.94	13,546,652,491.94	16,069,173,887.98	16,069,173,887.98	16,069,173,887.98	16,069,173,887.98
	-- ResidentialPropertyStandard	6,872,412,229.94	6,872,412,229.94	24,817,593,164.86	24,817,593,164.86	27,442,190,399.54	27,442,190,399.54	27,442,190,399.54	27,442,190,399.54
	ResidentialPropertyOtherStandard	608,813,462.63	608,813,462.63	1,784,880,427.84	1,784,880,427.84	1,813,861,864.39	1,813,861,864.39	1,813,861,864.39	1,813,861,864.39
	ResidentialPropertyOwnerOccupiedAndPrincipalAndInterestStar	6,263,598,767.32	6,263,598,767.32	23,032,712,737.02	23,032,712,737.02	25,628,328,535.15	25,628,328,535.15	25,628,328,535.15	25,628,328,535.15
	All ACD_Credit_Risk_Standardised_Exposure_Classification_Type (n)	33,486,542,837.92	0.00	55,613,007,014.18	0.00	61,813,989,041.37	0.00	61,813,989,041.37	0.00
	-- CommercialProperty	13,067,478,116.03	0.00	17,248,761,357.38	0.00	18,302,624,753.85	0.00	18,302,624,753.85	0.00
	-- CommercialPropertyDependent	13,067,478,116.03	0.00	17,248,761,357.38	0.00	18,302,624,753.85	0.00	18,302,624,753.85	0.00
	CommercialPropertyDependentStandard	13,067,478,116.03	0.00	17,248,761,357.38	0.00	18,302,624,753.85	0.00	18,302,624,753.85	0.00
	-- ResidentialProperty	20,419,064,721.88	0.00	38,364,245,656.80	0.00	43,511,364,287.52	0.00	43,511,364,287.52	0.00
	-- ResidentialPropertyNonStandard	13,546,652,491.94	0.00	13,546,652,491.94	0.00	16,069,173,887.98	0.00	16,069,173,887.98	0.00
	ResidentialPropertyNonStandardOther	13,546,652,491.94	0.00	13,546,652,491.94	0.00	16,069,173,887.98	0.00	16,069,173,887.98	0.00
	-- ResidentialPropertyStandard	6,872,412,229.94	0.00	24,817,593,164.86	0.00	27,442,190,399.54	0.00	27,442,190,399.54	0.00
	ResidentialPropertyOtherStandard	608,813,462.63	0.00	1,784,880,427.84	0.00	1,813,861,864.39	0.00	1,813,861,864.39	0.00
	ResidentialPropertyOwnerOccupiedAndPrincipalAndInterestStar	6,263,598,767.32	0.00	23,032,712,737.02	0.00	25,628,328,535.15	0.00	25,628,328,535.15	0.00

**Test Status: Success**

## 2.3 CU 209: ARF\_910 T3&4 / ARF\_222\_2 table adjustment error (Risk:L)

The ARF\_910 table 3 & 4 are single-line text item type tables that haven't worked. These were reviewed, and a fix was applied so that these types of tables can be used. *(Linked with CU150)*

**Test Goals:** Enter a table adjustment into the 910 form to check if the values appear correctly.

**Test Method:** Open workflow with 910 form, open form, show data sources, Table Adjustments, select first table, and enter data.

CoreBIS		MANUAL TABLE ADJUSTMENTS		Recalculate	Return Table Adjustments
APRA_Entity:		DOM_BKS:CoreBIS No.1		Submit Adjustments	
APRA_Form_Variant:		ARF_910_0			
APRA_Return_Version:		W_2022-06-30_Submission			
APRA_Table:		TBL_ARF_910_0_Table3			
1	2	3	4	5	6
	Yes		Testing		

CoreBIS		MANUAL TABLE ADJUSTMENTS		Recalculate	Return Table Adjustments
APRA_Entity:		DOM_BKS:CoreBIS No.1		Submit Adjustments	
APRA_Form_Variant:		ARF_910_0			
APRA_Return_Version:		W_2022-06-30_Submission			
APRA_Table:		TBL_ARF_910_0_Table4 - 7, External CBS			
1	2	3	4	5	6
	Yes		Testing		

9.2. Total FCS balance - Prescribed, exception account 0.0000 0.0000

**Section D: Core Banking System(s) (CBS) or other system used to generate the Single Customer View (SCV)**

6. Is the CBS or other system used to generate the SCV an external system?	CBS Yes
--	------------

**7. External CBS**

Name of the CBS (1)	Date the current CBS was installed (2)	Version number (if applicable) (3)	Description (4)
Data Action - DA CBS	12/04/1988	v53	CoreBanking Only

**Test Status: Success**



## 2.4 CU 210: Load Tagged with table mapping, email arrives before complete. (Risk:L)

The multi-threading tagged cube load would send an email to a user before the table mapping was executed. This fix changes the order of these, so the email is executed last.

**Test Goals:** Running tagging in the multi-threaded background mode with table mapping ticked runs the tagged load successfully, runs the table mapping and then sends the email.

**Test Method:** Execute the data load on the tagged residential mortgages cube, ensure the process was successful, check logs to ensure the email was sent after the table mapping had completed.

**CoreBIS Tagging Data Load** Status: *Unlocked* [Back to Cubes](#)

Select Tagged Cube:  [Process Logs](#)

Select Period:

Load Date:  Default = Last Updated = "2023-06-30 16:25:00"

Select Tag Version:  Default = "Submission"

---

*Single-Threaded Mode*

Run in Background  
 Include Table Mapping Update [Update Tagged Cube](#)

---

*Multi-Threaded Mode*

Dimension to Slice Data by:   Run in Background  
 Include Table Mapping Update [Update Tagged Cube](#)

Number of Cores to use:  *Note: No reconcile counts taken.*

```

37848 [18] INFO 2023-08-29 13:24:49.294 TM1.Process Process "CB_UPDATE_Tagged_Slice": finished executing normally, elapsed time 27.31 seconds
43196 [18] INFO 2023-08-29 13:24:49.600 TM1.Process Process "CB_UPDATE_Tagged_Slice" executed by user "Karl Blackler"
43196 [18] INFO 2023-08-29 13:24:49.661 TM1.Process Process "Lib_ViewZeroOut" run from process "CB_UPDATE_Tagged_Slice" by user "Karl Blackler"
43196 [18] INFO 2023-08-29 13:24:49.711 TM1.Process Process "Lib_ViewZeroOut": finished executing normally, elapsed time 0.05 seconds
43196 [18] INFO 2023-08-29 13:24:49.757 TM1.Process Process "CB_UPDATE_Tagged_Slice": finished executing normally, elapsed time 0.14 seconds
29644 [18] INFO 2023-08-29 13:24:49.765 TM1.Process Process "CB_UPDATE_Tagged_Finish" executed by user "Karl Blackler"
29644 [18] INFO 2023-08-29 13:24:52.000 TM1.Process Process "DIM_APRA_Attribute_Table_Mapping" run from process "CB_UPDATE_Tagged_Finish" by user "Karl Blackler"
29644 [18] INFO 2023-08-29 13:24:52.130 TM1.Process Process "DIM_APRA_Attribute_Table_Mapping": finished executing normally, elapsed time 0.13 seconds
29644 [18] INFO 2023-08-29 13:24:52.130 TM1.Process Process "Lib_Send_Email" run from process "CB_UPDATE_Tagged_Finish" by user "Karl Blackler"
29644 [18] INFO 2023-08-29 13:24:52.199 TM1.Process Process "Lib_Send_Email": finished executing normally, elapsed time 0.07 seconds
29644 [18] INFO 2023-08-29 13:24:52.200 TM1.Process Process "CB_UPDATE_Tagged_Finish": finished executing normally, elapsed time 2.43 seconds
  
```

**Test Status: Success**

## 2.5 CU 211: ARS\_112 Export files also emails, but can cause issues if file large. (Risk:L)

When using the ARS\_112 Export functionality, some files were incorrectly sent to the users due to the diverse mail space capabilities. Now the file is linked and copied to a location in the server where users can download it. This fix will require assistance from IT to set up a shared folder using the export folder in CoreBIS.

**Test Goals:** Check that the link locations and files are correct.

**Test Method:** Open the ARS112 Websheet and in Data Loads send some sample exports.

### ARS 112.0 - Data Loads

APRA Entity	AC_LEVEL1:Cortell Australia Pty Ltd
INT DataSource	All INT_DataSource (n)
APRA Return Version	W_2023-03-31_Submission

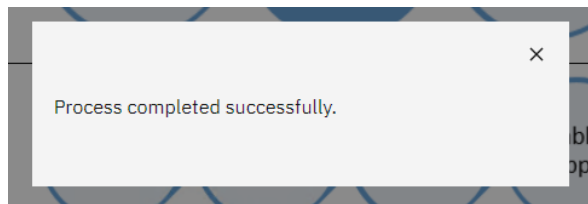
Export CSV File

[Review Table 1 Definition](#)

Summary

Detailed

As per APRA



Email Text should match the file in the link:

Please click on the following link to open your file:

[E:\ibm\CoreBIS\\_Dev\Export\ARS\\_112\\_0\\_Table\\_1\DEV\\_AC\\_W\\_2023-03-31\\_Submission\\_6200\\_LEVEL1\\_Admin\\_20230814151115\\_PerAPRA.csv](E:\ibm\CoreBIS_Dev\Export\ARS_112_0_Table_1\DEV_AC_W_2023-03-31_Submission_6200_LEVEL1_Admin_20230814151115_PerAPRA.csv)

ARS\_112\_0\_Table\_1

Home Share View

Data (E) > ibm > CoreBIS\_Dev > Export > ARS\_112\_0\_Table\_1

Name
DEV_AC_W_2023-03-31_Submission_6200_LEVEL1_Admin_20230814151115_PerAPRA

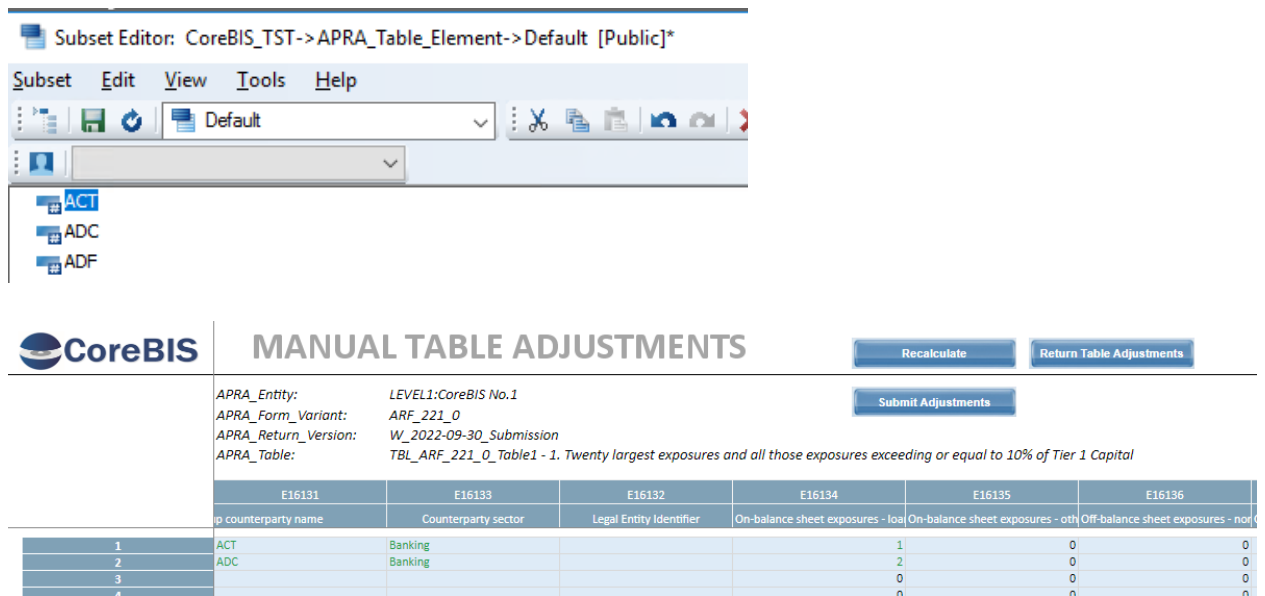
**Test Status: Success**

## 2.6 CU213: Table Item Description not showing correctly. (Risk:L)

During a Table adjustment on the ARF\_221 the description did not show after the adjustment was made. The code looked up a description from the table item list if it existed even if the item was not found for the table. The fix checks if a value exists on the lookup and defaults to the code should it not exist.

**Test Goals:** Check that table items containing text that equals an element from the APRA\_Table\_Element dimension gets its own description not a blank from the APRA\_Table\_Element cube.

**Test Method:** Open the ARF\_221 and perform a table adjustment to Table 1, adding in a counterparty of ACT as per the APRA\_Table\_Element element.



Subset Editor: CoreBIS\_TST->APRA\_Table\_Element->Default [Public]\*

Subsets: ACT, ADC, ADF

**CoreBIS** MANUAL TABLE ADJUSTMENTS

Buttons: Recalculate, Return Table Adjustments, Submit Adjustments

APRA\_Entity: LEVEL1:CoreBIS No.1  
 APRA\_Form\_Variant: ARF\_221\_0  
 APRA\_Return\_Version: W\_2022-09-30\_Submission  
 APRA\_Table: TBL\_ARF\_221\_0\_Table1 - 1, Twenty largest exposures and all those exposures exceeding or equal to 10% of Tier 1 Capital

	E16131	E16133	E16132	E16134	E16135	E16136
	group counterparty name	Counterparty sector	Legal Entity Identifier	On-balance sheet exposures - loans	On-balance sheet exposures - other	Off-balance sheet exposures - non
1	ACT	Banking		1	0	0
2	ADC	Banking		2	0	0
3				0	0	0
4				0	0	0

### Section A: Large exposures

#### 1. Twenty largest exposures and all those exposures exceeding or equal to 10% of Tier 1 Capital

Counterparty name/ group counterparty name	Legal Entity Identifier	Counterparty sector	On-balance sheet exposures - loans	On-balance sheet exposures - other
(1)	(2)	(3)	(4)	(5)
ACT		Banking	1.0	0.0
ADC		Banking	2.0	0.0
1.1. Total			3.0	0.0

**Test Status: Success**

## 2.7 CU214: CoreBUILD > Cube Load Screens Date Selectors. (Risk:L)

A number of text fields were formatted as dates, which stopped users from entering values. These included the Pre and Post Processes on a base cube load, while the format was fixed a new process picklist was added to these fields.

**Test Goals:** Check that the Cube setup screen does not show date selectors for the processes, and that new process selectors are in place.

**Test Method:** Select BASE\_Loan\_Book from the cube list, select "Edit Source", check that the element selectors are working as expected;

Last Updated:	<input type="text" value="2023-06-30 16:19:49"/>
Update Frequency:	<input type="text" value="ONE OFF"/>
Update Start Date:	<input type="text"/>
Add New Elements as part of cube load:	<input type="text"/>
Virtual Cube:	<input type="text"/>
Custom Pre Process:	<input type="text"/>
Custom Post Process:	<input type="text" value=""/>

**Test Status:** **Success**

### 3. Enhancements to Existing Features

#### 3.1 EF158: ARS\_112 show hole validation error in frontend. (Risk:L)

A new column was updated in the ARS 112 Data Loads and Review Data sheets report to show a check mark when the hole validation is ok. If there is a problem with the validation a red cross will be shown in the report.

**Test Goals:** Check that the new column works in the ARS 112 Form.

**Test Method:** Open the ARS 112 form on Data Loads and Review.

Data Loads (Hole validation column)

Data Source	Exposure \$ Before CRM and CCF	Exposure \$ After CRM and CCF	Average RWA %	Calculated RWA \$	Hole Validation
<b>Total</b>	102,958,037,992.11	89,307,946,167.87	57.68%	51,511,605,065.66	
Adjustment	-	-	-	-	
<b>All Unrounded Sources</b>	102,958,037,992.11	89,307,946,167.87	57.68%	51,511,605,065.66	
TAGGED_Loan_Book	102,958,037,992.11	89,307,946,167.87	57.68%	51,511,605,065.66	✓

Review Data

Dimension Element	Exposure \$ Before CRM and CCF	Exposure \$ After CRM and CCF	Average RWA %	Calculated RWA \$	Hole Validation
All ACD_Credit_Risk_Standardised_Exposure_Classificat	102,958,037,992.11	89,307,946,167.87	57.68%	51,511,605,065.66	✓
All ACD_Credit_Risk_Standardised_Exposure_Sub_Class	102,958,037,992.11	89,307,946,167.87	57.68%	51,511,605,065.66	✓
All ACD_Balance_Sheet_Type (n)	102,958,037,992.11	89,307,946,167.87	57.68%	51,511,605,065.66	✓
OffBalanceSheet	22,750,153,040.40	9,100,061,216.16	75.00%	6,825,143,380.94	✓
OnBalanceSheet	80,207,884,951.70	80,207,884,951.70	55.71%	44,686,461,684.72	✓
All ACD_Nature_OfTransaction_Type (n)	102,958,037,992.11	89,307,946,167.87	57.68%	51,511,605,065.66	✓
All ACD_Loan_ToValuation_Ratio_Type (n)	102,958,037,992.11	89,307,946,167.87	57.68%	51,511,605,065.66	✓
All ACD_Lenders_Mortgage_Insurance_Indicator (n)	102,958,037,992.11	89,307,946,167.87	57.68%	51,511,605,065.66	✓
All ACD_Exposure_Default_Type (n)	102,958,037,992.11	89,307,946,167.87	57.68%	51,511,605,065.66	✓
All ACD_Government_Guarantee_Indicator (n)	102,958,037,992.11	89,307,946,167.87	57.68%	51,511,605,065.66	✓
no	46,135,723,350.15	46,135,723,350.15	27.89%	12,868,026,619.23	✓
NotApplicable	56,822,314,641.96	43,172,222,817.71	89.51%	38,643,578,446.43	✓
All ACD_Credit_Risk_Rating_Grade_Type (n)	102,958,037,992.11	89,307,946,167.87	57.68%	51,511,605,065.66	✓
All ACD_Risk_Weight_Type (n)	102,958,037,992.11	89,307,946,167.87	57.68%	51,511,605,065.66	✓
All ACD_ARS_112_0_Table_1_Custom1 (n)	102,958,037,992.11	89,307,946,167.87	57.68%	51,511,605,065.66	✓
All ACD_ARS_112_0_Table_1_Custom2 (n)	102,958,037,992.11	89,307,946,167.87	57.68%	51,511,605,065.66	✓

Invalid Validation should look like this

**CoreBIS ARS 112.0 - Review Data** Recalculate

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APRA Entity: AC\_LEVEL1 Cortell Australia Pty Ltd

INT DataSource: All INT DataSource (n)

APRA Return Version: W\_2023-03-31\_Submission

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Dimension Element	Exposure \$ Before CRM and CCF	Exposure \$ After CRM and CCF	Average RWA %	Calculated RWA \$	Hole Validation
All ACD_Credit_Risk_Standardised_Exposure_Classificat	102,958,037,992.11	89,307,946,167.87	57.68%	51,511,605,065.66	✗
CommercialProperty	33,092,371,519.47	19,442,279,695.23	76.71%	14,913,635,323.95	✗
CommercialPropertyDependent	33,092,371,519.47	19,442,279,695.23	76.71%	14,913,635,323.95	✗
CommercialPropertyDependentStandard	33,092,371,519.47	19,442,279,695.23	76.71%	14,913,635,323.95	✗
ResidentialProperty	69,865,666,472.64	69,865,666,472.64	52.38%	36,597,969,741.71	✓
ResidentialPropertyNonStandard	23,729,943,122.48	23,729,943,122.48	100.00%	23,729,943,122.48	✓
ResidentialPropertyNonStandardOther	23,729,943,122.48	23,729,943,122.48	100.00%	23,729,943,122.48	✓
ResidentialPropertyStandard	46,135,723,350.15	46,135,723,350.15	27.89%	12,868,026,619.23	✓

Test Status: **Success**

### 3.2 EF159: Return Management: Allow Run Monthly to be toggled off. (Risk:L)

Some changes enhanced how the "Run Monthly" functionality works in the APRA Return Management screens.

Core Admins can now:

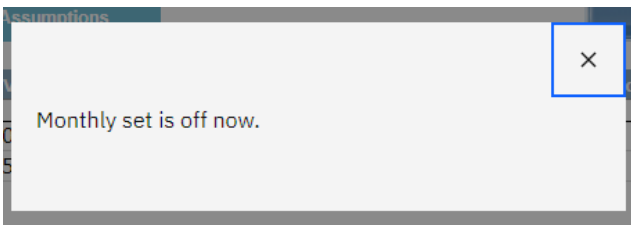
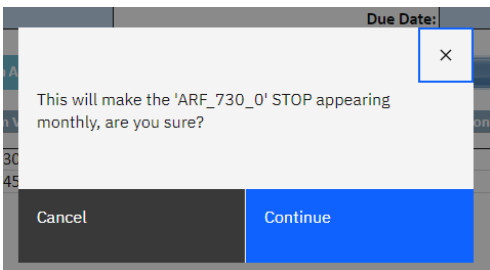
- Toggle on/off the functionality of the Run Monthly.
- Have a report of which period versions are From APRA and which ones are Manually Added.
- Remove Manually Added period forms that are not attached to an existing period.
- Some objects on the screens were renamed for clarity.

**Test Goals:** Test that a manual form variant period can be deleted and how the Run Monthly off option can be turned off.

**Test Method:**

New Toggle button: Turn off the Run Monthly return flag

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	Y		0	1.5	25/02/2023	5		yes
	Monthly Economic Financial Statistics Retur	ARF_745_0	N		0	1.2	09/02/2023	2		yes



Remove the Not From APRA Periods.

When the Run Monthly is set off, the periods created out of APRA Periods are not deleted. They need to be deleted manually when not in use. Only the manually added future periods can be deleted (CoreBIS creates these periods in advance when the Run Monthly option is initially selected).

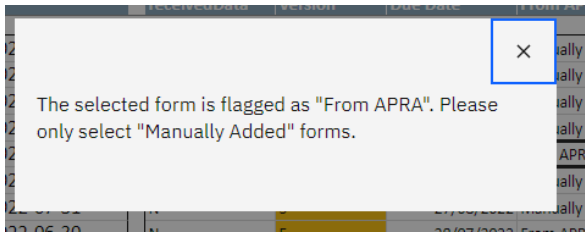
Click on "Form Assumptions" (button renamed) after selecting a Form Variant and period.

APRA Entity: P\_CoreBIS No.1  
 APRA Period: 2023-01-31  
 Form Filter:

Remove Set On/Off Monthly Form Assumptions

APRA Entity	APRA Return	APRA Form Variant	receivedDa
DOMESTIC:CoreBIS No.1	Quarterly Economic Financial Statistics Retu	ARF_730_0	Y
	Monthly Economic Financial Statistics Retur	ARF_745_0	N

A new column will show which periods are from APRA and which are Manually Added. A personalised error will appear when an invalid period is selected.



When a form period is selected that is not part of an existing submission or selected as required, it can be deleted. The following message will appear:

APRA Entity	APRA Return	Period	receivedData	Version	Due Date	From APRA
DOMESTIC:CoreBIS No.1	Quarterly Economic Financial Statistics Retu	2022-05-31	Y	5	27/06/2022	Manually Added

Entry deleted.

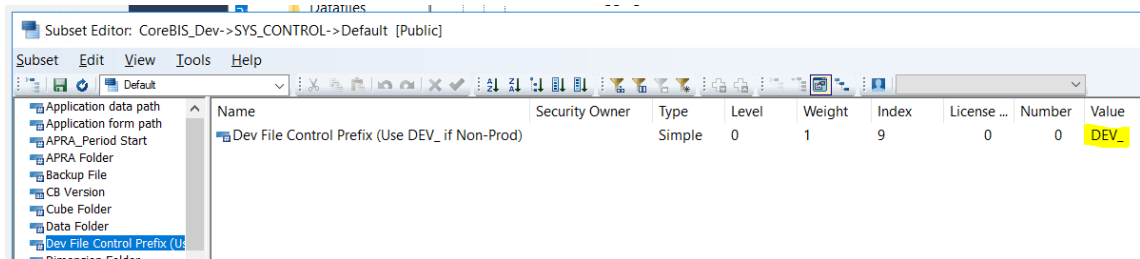
**Test Status: Success**



### 3.3 EF160: ARS\_112 Export files to differentiate between dev and prod with filename prefix. (Risk:M)

In some cases, users could receive emails from the dev server with exported data when performing tests. This enhancement allows any dev environment export to be prefixed "DEV\_" in the file so dev files can be identified.

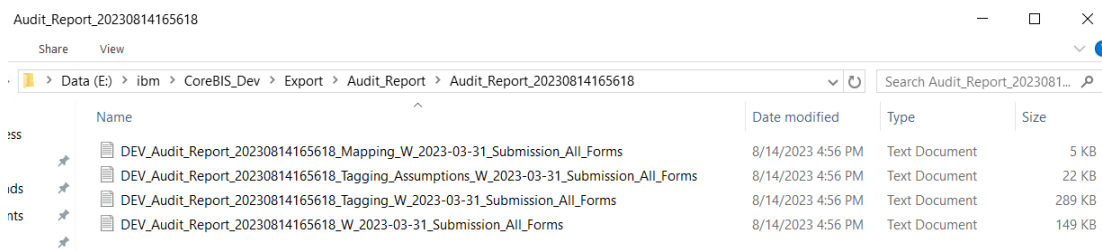
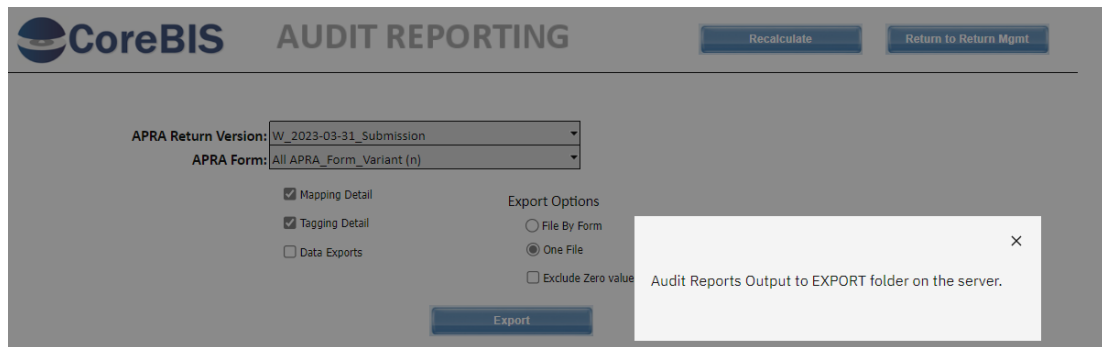
**Test Goals:** Test some external forms converted to DEV. Before testing always ensure the SYS\_Control parameter is set to DEV in Architect:



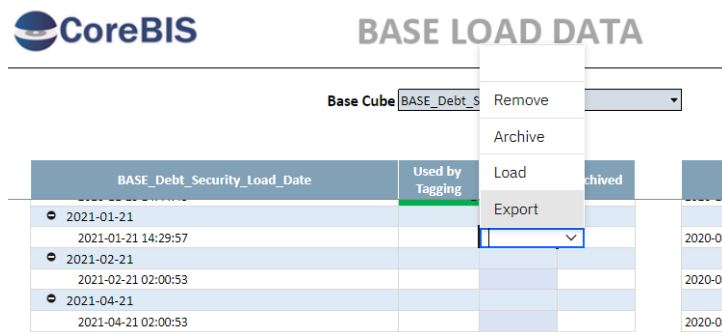
**Note:** This parameter should only be set in the DEV server, not in any production environment!

#### Test Method:

Audit Reporting:



Base Data Exports:



Commercial – in Confidence

This PC > Data (E:) > ibm > CoreBIS\_Dev > Export > BASE\_CUBE\_Exports

Name	Date modified	Type	Size
DEV_BASE_Debt_Security_2021-01-21_14_29_57	8/14/2023 5:09 PM	Text Document	4,395 KB

Tagged Data Exports:

**CoreBIS TAGGED LOAD DATA** Recalculate Return to Cubes

Tagged Cube: TAGGED\_Debt\_Security Note: Once archived the submitted forms will look to the final version, non-submitted / working version will return 0.

Reporting_Period	Tagged Version	BASE Load Date	Status	Working Form Count	Submitted Form Count	Archived
2019-01-31	Submission	2019-12-20 16:03:53	LOCKED	8	1	
2019-09-30	Submission	2020-01-07 17:18:18	LOCKED	13	13	
2020-08-31	Submission	2020-09-07 12:30:10	LOCKED	12	7	
2020-10-31	Submission	2020-11-25 14:44:43	UNLOCKED	9	0	
2021-03-31	Submission	2021-09-06 17:06:30	LOCKED	110	1	
	Resubmission1	2021-09-06 17:06:30	UNLOCKED	0	120	
2021-09-30	Submission	2021-11-09 13:07:59	UNLOCKED	128	0	
2022-06-30	Submission	2023-06-21 10:05:30	UNLOCKED	128	1	

Context menu: Archive, Load, Export

TAGGED\_CUBE\_Exports

Share View

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

Name	Date modified	Type	Size
DEV_TAGGED_Debt_Security_2021-09-30...	8/14/2023 5:12 PM	Text Document	7,425 KB

Source Data Exports:

**CoreBIS PREVIEW / LOAD DATA** Recalculate Return to Cube

Select Cube: BASE\_Debt\_Security Clear Preview Load Data Process Logs

Select APRA Period: 2023-03-31 Run Preview  Load Dimensions with Data Load Export Data  Run in Background

PREVIEW	Reporting_Period	BASE_Entity	DS_Deal	DS_CostCentre	DS_CostCentre_Ty	DS_Product	DS_Issuer	DS_ANZSIC	DS_SESCA	DS_Issuer_Country	DS_Instrum_Start
Rows	1	2	3	4	5	6	7	8	9	10	11
1	2023-03-31	12345678910	1000058	2645	1000	CPS	157274	6240	2131	Australia	2018-02-09
2	2023-03-31	12345678910	1000059	4987	2000	FRN	162770	801	1009	Australia	2018-12-22

This PC > Data (E:) > ibm > CoreBIS\_Dev > Export > SOURCE\_Exports

Name	Date modified	Type	Size
DEV_BASE_Debt_Security_2023-03-31_2023-08-14_17_07_42	8/14/2023 5:07 PM	Text Document	4,217 KB

ARS CSV Exports:

**CoreBIS ARS 112.0 - Data Loads**

APRA Entity: AC\_LEVEL1:Cortell Australia Pty Ltd

INT DataSource: All INT\_DataSource (n)

APRA Return Version: W\_2023-03-31\_Submission

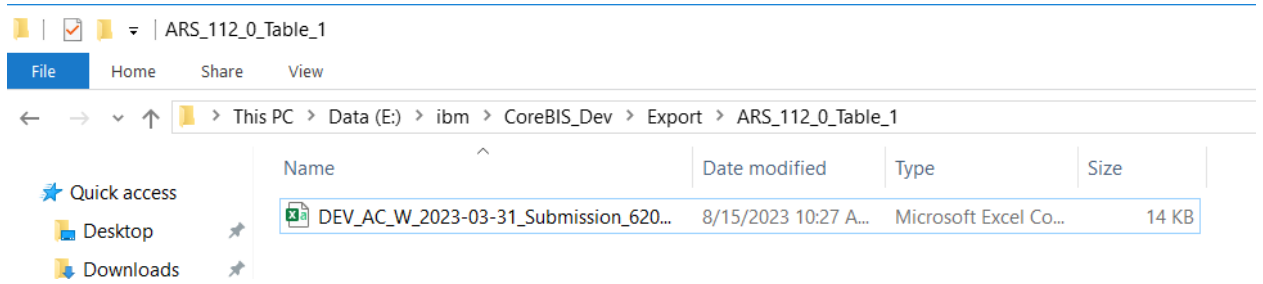
[Review Table 1 Definition](#)

Export CSV File

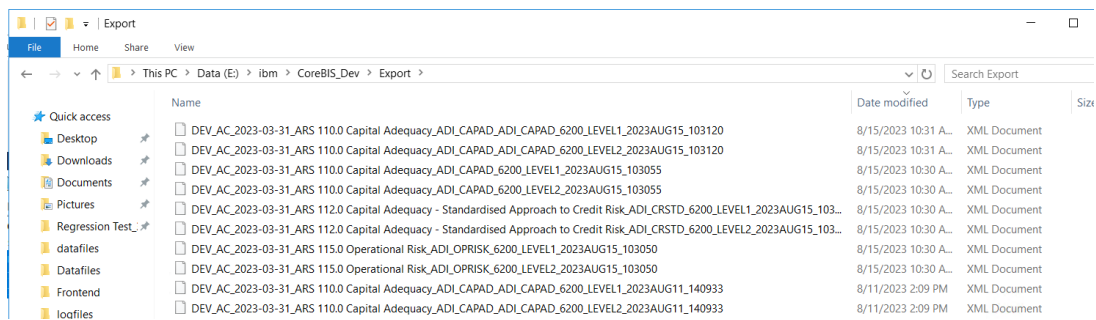
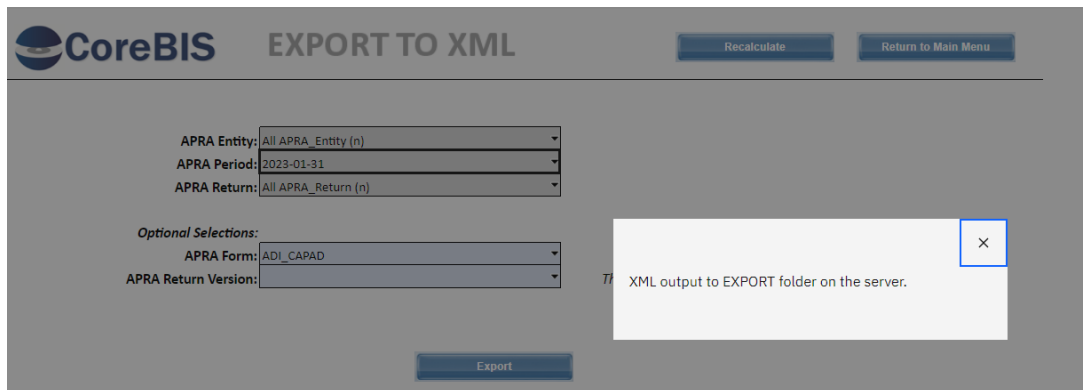
Summary Detailed As per APRA

Commercial – in Confidence

CoreBIS - Testing Verification - 2023\_08\_31.docx



APRA XML Exports:



Test Status: **Success**

### 3.4 EF162: Create a filter in the APRA Return Management menu (Risk:L)

Now users can quickly browse for forms in the APRA Return Management menu using a filter similar to the workflow filter. This improvement will allow quicker searches. Use the Recalculate button to filter out the results.

**Test Goals:** Ensure the new filter option filters forms.

**Test Method:** Filter some parameters by opening the new APRA Return Management screen. Ensure you click recalculate after.

In this case, we type 117, and all the forms that use 117 are filtered.

The screenshot shows the CoreBIS APRA Return Management interface. At the top, there are buttons for 'Recalculate' and 'Return to Main Menu'. Below these are input fields for 'APRA Entity' (P\_CoreBIS No.1), 'APRA Period' (2021-09-30), and 'Form Filter' (117). There are also buttons for 'Remove', 'Set On/Off Monthly', and 'Form Assumptions'. On the right, there is an 'Add New Form Entry' section with 'Select Form Version' (ADI\_CAPADv1), 'Scale' (None), and 'Due Date' fields. Further right are buttons for 'Update CoreBIS from D2A', 'Export to APRA', 'APRA Connect Management', and 'Audit Reporting'. Below the filters is a table with the following data:

APRA Entity	APRA Return	APRA Form Variant	receivedData	Precision	Scale	Version	Due Date	Prev Period Version	New / Change	Run Monthly	
LEVEL2:CoreBIS No.1	Repricing Analysis Return - Standardised	ARF_117_OA	Y		1	1000000	5	04/11/2021	5		
		ARF_117_OB_1	Y		1	1000000	12	04/11/2021	12		
		ARF_117_OB_2	Y		1	1000000	12	04/11/2021	12		
		ARF_117_OB_3	Y		1	1000000	12	04/11/2021	12		
		ARF_117_OB_4	Y		1	1000000	12	04/11/2021	12		
		ARF_117_OB_5	Y		1	1000000	12	04/11/2021	12		
		ARF_117_OB_6	Y		1	1000000	12	04/11/2021	12		
		ARF_117_OB_7	Y		1	1000000	12	04/11/2021	12		
		ARF_117_OB_8	Y		1	1000000	12	04/11/2021	12		
	Quarterly Return	ARF_117_OA	Y		1	1000000	12	04/11/2021	12		
		ARF_117_OB_1	N		0		1	12	04/11/2021	12	
		ARF_117_OB_2	N		0		1	12	04/11/2021	12	
		ARF_117_OB_3	N		0		1	12	04/11/2021	12	

**Test Status: Success**

### 3.5 EF163: Separate the AC 112 Exports to a new folder within the Export Folder (Risk:L)

To avoid having ARS112 Reports mixed with other exports, a new folder was created where all the 112 reports will be located.

**Test Goals:** Export a form and check that it gets exported to a 112 dedicated folder.

**Test Method:**

The screenshot shows the CoreBIS ARS 112.0 - Data Loads interface. It includes a form with the following fields:

APRA Entity	AC_LEVEL1:Cortell Australia Pty Ltd
INT DataSource	All INT_DataSource (n)
APRA Return Version	W_2023-03-31_Submission

Below the form, there is an "Export CSV File" section with three buttons: "Summary", "Detailed", and "As per APRA". A link "Review Table 1 Definition" is also present.

The bottom part of the screenshot shows a Windows File Explorer window. The address bar indicates the path: This PC > Data (E:) > ibm > CoreBIS\_Dev > Export > ARS\_112\_0\_Table\_1. The file list contains one file:

Name	Date modified	Type	Size
DEV_AC_W_2023-03-31_Submission_620...	8/15/2023 10:27 A...	Microsoft Excel Co...	14 KB

**Test Status: Success**

## 4. New Features

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No New Features to test this month

## 5. New Taxonomy

There is a new Taxonomy with the following new form versions;

- ADI\_CAPADv11 (ARS\_110) (*superseeded*)
- ADI\_CAPADv12 (ARS\_110)
- ADI\_CRSTDv9 (ARS\_112) (*superseeded*)
- ADI\_CRSTDv10 (ARS\_112)

Adding the forms via APRA Connect Management page brings the latest version into the Return Management Screen;

**CoreBIS APRA CONNECT MANAGEMENT**

APRA AC Entity:

Name	Reference	Revision	Categories	Status	End Date	Due Date	Reporting Consolidation	Validation
1 ARS_112	ADI_CRSTDv1165165651			open	2023-06-30	2022-12-05	LEVEL1	Valid
2 ARS_112	ADI_CRSTDv1			open	2023-06-30	2022-12-05	LEVEL2	Valid
3 ARS_110	ADI_CAPADv1			open	2023-06-30	2022-12-05	LEVEL2	Valid
4 ARS_110	ADI_CAPADv1			open	2023-06-30	2022-12-05	LEVEL1	Valid
5 ARS_115	ADI_OPRISKv1			open	2023-06-30	2022-12-05	LEVEL2	Valid
6 ARS_115	ADI_OPRISK			open	2023-06-30	2022-12-05	LEVEL1	Valid
7								Skip

**CoreBIS APRA RETURN MANAGEMENT**

APRA Entity:

APRA Period:

Form Filter:

Due Date:

APRA Entity	APRA Return	APRA Form Variant	receivedData	Precision	Scale	Version	Due Date	Prev Period Version	New / Change	Run Monthly
AC_LEVEL1:Cortell Australia	ARS 115.0 Operational Risk	ADI_OPRISK	Y		0	1.6	05/12/2022		New	
	ARS 112.0 Capital Adequacy - Standardised	ADI_CRSTD	Y		0	1.10	05/12/2022		New	
	ARS 110.0 Capital Adequacy	ADI_CAPAD	Y		0	1.12	05/12/2022		New	
AC_LEVEL2:Cortell Australia	ARS 115.0 Operational Risk	ADI_OPRISK	Y		0	1.6	05/12/2022		New	
	ARS 112.0 Capital Adequacy - Standardised	ADI_CRSTD	Y		0	1.10	05/12/2022		New	
	ARS 110.0 Capital Adequacy	ADI_CAPAD	Y		0	1.12	05/12/2022		New	

Create a workflow;

APRA Entity	APRA Return	APRA Form Variant	receivedData	Precision	Scale	Version	Due Date	Prev Period Version	New / Change	Run Monthly
<b>All Forms</b>										
<b>ARS 115.0 Operational Risk</b>										
	ADI_OPRISK (AC_LEVEL1:Cortell Australia) - ARS 115.0 Operational Risk (ARS 115.0 Ope						05/12/2022		No Workflow Requirement	
	ADI_OPRISK (AC_LEVEL2:Cortell Australia) - ARS 115.0 Operational Risk (ARS 115.0 Ope						05/12/2022		No Workflow Requirement	
<b>ARS 112.0 Capital Adequacy - Standardised Approach to Credit Risk</b>										
	ADI_CRSTD (AC_LEVEL1:Cortell Australia) - ARS 112.0 Capital Adequacy - Standardised A						05/12/2022		No Workflow Requirement	
	ADI_CRSTD (AC_LEVEL2:Cortell Australia) - ARS 112.0 Capital Adequacy - Standardised A						05/12/2022		No Workflow Requirement	
<b>ARS 110.0 Capital Adequacy</b>										
	ADI_CAPAD (AC_LEVEL1:Cortell Australia) - ARS 110.0 Capital Adequacy (ARS 110.0 Cap						05/12/2022		No Workflow Requirement	
	ADI_CAPAD (AC_LEVEL2:Cortell Australia) - ARS 110.0 Capital Adequacy (ARS 110.0 Cap						05/12/2022		No Workflow Requirement	

ARS\_110 opens with correct version

Institution Name	Australian Business Number	Reporting Period	Reporting Consolidation
Cortell Australia	86096725567	2023-06-30	LEVEL1

ARS\_112 opens with correct version



**Scope**  
 The risk-weighting process used for measuring the credit RWA of an AI standardised approach, except the following specifically excluded item  
 a) those assets or investments that are required to be deducted from Capital Adequacy: Measurement of Capital (APS 111);  
 b) securitisation exposures, which are subject to the requirements of

**Test Status: Success**