

Oracle Financial Services Regulatory Reporting for US Federal Reserve - Lombard Risk Integration Pack

Release Notes

Release 8.0.9.8.3

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ORACLE
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OFS Regulatory Reporting for US Federal Reserve - Lombard Risk Integration Pack Release Notes

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1 Preface

This preface provides supporting information for the Oracle Financial Services Regulatory Reporting for US Federal Reserve – Lombard Risk Integration Pack Release Notes (and includes the following topics:

- [Overview of OFSAA](#)
- [Purpose of This Document](#)
- [Intended Audience](#)
- [Access to Oracle Support](#)
- [Related Documents](#)

1.1 Overview of OFSAA

In today's turbulent markets, financial institutions require a better understanding of their risk-return, while strengthening competitive advantage and enhancing long-term customer value. Oracle Financial Services Analytical Applications (OFSAA) enable financial institutions to measure and meet risk-adjusted performance objectives, cultivate a risk management culture through transparency, lower the costs of compliance and regulation, and improve insight into customer behavior.

OFSAA uses industry-leading analytical methods, shared data model, and applications architecture to enable integrated risk management, performance management, customer insight, and compliance management. OFSAA actively incorporates risk into decision-making, enables achieving a consistent view of performance, promotes a transparent risk management culture, and provides pervasive intelligence.

Oracle Financial Services Analytical Applications delivers a comprehensive, integrated suite of financial services analytical applications for both banking and insurance domains.

1.2 Purpose of this Document

This document contains release information for Oracle Financial Services Regulatory Reporting for US Federal Reserve – Lombard Risk Integration Pack (OFS REG REP US FED).

1.3 Intended Audience

This document is intended for users of Oracle Financial Services Regulatory Reporting for US Federal Reserve – Lombard Risk Integration Pack.

1.4 Access to Oracle Support

Oracle customers have access to electronic support through My Oracle Support. For information, visit <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info>
Or visit <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs> if you are hearing impaired.

1.5 Related Documents

This section identifies additional documents related to OFS REG REP US FED Application 8.0.9.8.3. You can access Oracle documentation online from the Documentation Library ([OHC](#)).

- [OFS Analytical Applications Technology Matrix](#)

2 Introduction to Oracle Financial Services Regulatory Reporting for US Federal Reserve – Lombard Risk Integration Pack

In terms of regulatory reporting, financial institutions feel increasingly boxed in. On one hand, the number, frequency, and complexity of reports continue to spiral, especially for global financial institutions. At the same time, regulators are strongly encouraging firms to spend more time on analysis and review, such as the U.S. Federal Reserve's guidance that financial institutions spend 80% of the time allocated for regulatory reporting on analytics or reviews and 20% on data compilation. Financial institutions also continue to struggle with data aggregation and quality, and in many cases, the last stages of reporting are often a largely manual process.

While facing growing regulatory costs and complexity, financial services organizations are struggling to realize the positive impact of more rigorous reporting requirements. They are compiling significantly more data for reporting purposes, but do not have adequate time and resources to fully analyze and gain new insight from this data – translating to a missed opportunity.

Through Oracle Financial Services Regulatory Reporting for US Federal Reserve – Lombard Risk Integration Pack (OFS REG REP US FED), Oracle Financial Services and Lombard Risk have collaborated to create a first-to-market solution that addresses these important requirements and helps financial services organizations find a much-welcome silver lining in today's prescriptive regulatory climate.

OFSAA Regulatory Reporting features the OFSAA Data Foundation as well as a reporting portal that integrates Lombard Risk's Reporter Portal for final-mile automation. The solution ensures data integrity and frees firms to focus more time on analyzing and gaining new business insight from their growing stores of data instead of simply preparing data and reports with the sole objective of meeting submission deadlines.

Additionally, multi-jurisdiction institutions, using these integrated tools, are now able to establish a global regulatory report production platform integrated with a single source of truth and full data lineage no matter where they are situated or how many jurisdictions, they operate in. The OFSAA Data Foundation has all the detailed granular data, which are used to aggregate and populate the Lombard report templates. This enables seamless drill-down and lineage from individual template cells to the source systems from where the granular data was sourced. The rules used to derive the aggregated and calculated data are also clearly visible.

OFS Regulatory Reporting for US Federal Reserve – Lombard Risk Integration Pack is a separately licensed product.

Patch ID **33118074** - Oracle Financial Services Regulatory Reporting for US Federal Reserve – Lombard Risk Integration Pack v8.0.9.8.0 One-off Patch Release #3 (8.0.9.8.3).

This chapter includes the following topics:

- [New Features](#)
- [Pre-installation Requirements](#)
- [Applying this One-off Patch Release](#)
- [Post-installation Steps](#)
- [Data Migration for Historical Records](#)

- [Post US FED Run Execution](#)
- [Deploying Config Package](#)
- [Bugs Fixed in this Release](#)
- [Known Issues or Limitations in this Release](#)

2.1 New Features

The new feature in this release is the Integration Pack and the Metadata for the new versions of the AgileREPORTER for FED that is supported as part of the Q2 2021 USFED (T+25) Regulatory Changes.

REPORT	AR_VERSION
FRY-14QB	v11
FRY-14QM	v7

For detailed information on the usage of the existing features, see the [OFS Regulatory Reporting for US Federal Reserve – Lombard Risk Integration Pack User Guide Release 8.0.9.0.0](#).

For detailed information on the OFS AAI requirements, see the [OFS Advanced Analytical Applications Infrastructure Application Pack 8.0.9.0.0 Readme](#).

2.2 Pre-installation Requirements

The prerequisite software that must be installed are as follows:

- Install and configure Oracle Financial Services Analytical Applications Infrastructure (OFSAAI) 8.0.9.0.0 (patch **30330054**) plus other prerequisite OFSAAI patches (see **Section 2.1 Pre-installation Requirements** of [OFS AAI Installation Guide](#)) in your Machine.
- Install and configure Oracle Financial Services Data Foundation (OFSDF) 8.0.9.4.0 (patch **32107412**), 8.0.9.4.1 (patch **32310622**) plus other prerequisite OFSDF patches (see **Section 2.1 Pre-installation Requirements** of [OFSDF Installation Guide](#)) in your Machine.
- Install and configure Oracle Financial Services Regulatory Reporting for US Federal Reserve – Lombard Risk Integration Pack 8.0.9.8.0 or higher in your Machine.
- AgileREPORTER version **21.2.1-b133**.
- AgileREPORTER Templates version **FED_v1.26.1**.
- Ensure that you have executed the .profile file before you trigger the installation.
- Ensure that the FICServer is up and running before you trigger the installation. For information on restarting the services, see the [OFS Analytical Applications Infrastructure Release 8.0.2.0.0 Installation Guide](#).

2.3 Applying this One-off Patch Release

To install the one-off patch release, follow these steps:

1. Download the `33118074_GENERIC.zip` archive file from [My Oracle Support](#) by searching patch ID **33118074** under the Patches & Updates tab.
2. Copy the archive file to your OFSAA server in Binary mode.
3. Shut down all the OFSAAI Services.
For more information, see the *Stopping Infrastructure Services* section in the [OFS Analytical Applications Infrastructure Installation and Configuration Guide Release 8.0.7.0.0](#).

NOTE Ensure that the FICSERVER is up and running.

4. Execute `unzip -a <name of the file to be unzipped>`

For example, `unzip -a 33118074_GENERIC.zip`

NOTE The "-a" option is mandatory to unzip the patch. If you notice the error message, "*unzip: not found [No such file or directory]*", contact your UNIX administrator to resolve this issue.

5. Execute `chmod -R 755 OFS_REG_REP_USFED`
6. Navigate to the `<>/OFS_REG_REP_USFED/conf` directory.
7. Configure the **UPLOAD_MODEL** parameter in the `params.conf` file to determine if the Model Upload is required or not, using the following parameter values:
0 = If you have already performed Model Upload and want to skip the Model Upload process.
1 = If you perform the Model Upload.
8. Navigate to the `<>/OFS_REG_REP_USFED/bin` directory and execute `./install.sh`
9. The installation progress can be viewed by periodically refreshing the log file under the `<>/OFS_REG_REP_USFED/logs` directory.
10. After the installation is completed, verify the log file for any errors or warnings. Contact [My Oracle Support](#) in case of any issues.

NOTE This patch installation requires approximately 10 minutes to complete in Oracle Test Labs.

2.4 Post-installation Steps

Perform the following instructions after successful installation of the 8.0.9.8.3 one-off patch:

- See the log file in the `/OFS_REG_REP_USFED/logs` directory to ensure that there are no errors reported.
- Generate the application EAR or WAR file and redeploy the application on the configured Web Application Server.
For more information on generating and deploying the EAR or WAR file, see the *Post Installation Configuration* section in the [OFS Analytical Applications Infrastructure Installation and Configuration Guide Release 8.0.7.0.0](#).
- Restart all the OFSAA services.
For more information, see the *Starting Infrastructure Services* section in the [OFS Analytical Applications Infrastructure Installation and Configuration Guide Release 8.0.7.0.0](#).
- Resave the Derived Entity for T2T, FFIEC-031, FFIEC-041, FR Y-9C, FFIEC-009, and FRY-15 using the following batches:
 - `<INFODOM>_RESAVE_BASE_DE_FRAS_T2T`
 - `<INFODOM>_RESAVE_DE_REG_COMMON_REG_RUN`
 - `<INFODOM>_RESAVE_DE_USFED_FFIEC031`
 - `<INFODOM>_RESAVE_DE_USFED_FFIEC041`
 - `<INFODOM>_RESAVE_DE_USFED_FRY9C`
 - `<INFODOM>_RESAVE_DE_USFED_FFIEC009`
 - `<INFODOM>_RESAVE_DE_USFED_FRY15`
- To perform additional steps for secure configuration of drill down from the AgileREPORTER portal, see the *Configuration for Referrer Header Validation* section in the [OFS Analytical Applications Infrastructure Security Guide](#).
- Perform the additional configurations if required as mentioned under the *Additional Configurations* section in the [OFS Analytical Applications Infrastructure Installation and Configuration Guide Release 8.0.7.0.0](#).

The Oracle Financial Services Regulatory Reporting for US Federal Reserve is now ready for use. If you encounter any problems during set up, contact OFSAA Support at [My Oracle Support](#).

2.5 Data Migration for Historical Records

In this release, there are a few revised data expectations in the results area and the Derived Entities to generate the reports based on the latest configuration for FFIEC-009 and FRY-15.

- The reporting Derived Entity for FFIEC-009 and FRY-15 will now expect the data from `DIM_REG_RESULT_BUCKET` where `V_REG_RESULT_BUCKET_CODE = 'REG_US_REMMAT_BUKT_1'` instead of the earlier expectation `DIM_REG_RESULT_BUCKET` where `V_BUCKET_NAME = 'REG_US_REM_MATURITY_BUCKET_1'`.
- The rule for FFIEC-009 Risk Sector Classification will now classify `FCT_REG_FUND_LEND_DETAILS.N_RISK_SEC_REG_PARTY_TYPE_SKEY` instead of

FCT_REG_FUND_LEND_DETAILS.N_MIT_ISS_REG_PARTY_TYPE_SKEY. Also, the reporting Derived Entity for FFIEC-009 and FRY-15, will now expect the data from FCT_REG_FUND_LEND_DETAILS.N_RISK_SEC_REG_PARTY_TYPE_SKEY instead of the FCT_REG_FUND_LEND_DETAILS.N_MIT_ISS_REG_PARTY_TYPE_SKEY column.

- The reporting Derived Entities of FFIEC-009 are divided into five different Derived Entities namely the DEFD3100, DEFD3101, DEFD3102, DEFD3103, DEFD3104 for C-Part-I, C-Part-II, D, L, O respectively instead of earlier common Derived Entity DEFD3101. All these Derived Entities are built on the same Dataset DSFD3101. Hence, the new data expectation for FFIEC-009 report will be from these four new Derived Entities along with the existing common Derived Entity.

NOTE You can use the sample migration script [USFED 80983 Data Migration.sql](#) for updating the historical records or perform a Derived Entity refresh for historical records.

2.6 Post US FED Run Execution

After the US FED Run execution, follow these steps:

1. For prior date reporting, see the [Prior Date Reporting](#) document.
2. Execute the <<INFODOM>>_REG_RUNEXE_RESAVE batch to populate the RUNEXESUMM table if you are not using the FFIEC-002 or FFIEC-002S report.

If you are using the FFIEC-002 or FFIEC-002S report, then execute the

<Installer Path>/OFS_REG_REP_USFED/Post_Scripts/RUNEXESUMM_VW.sql file in Atomic Schema.

Lombard AgileREPORTER displays additional filters of Run Execution ID and Run Status during report retrieval based on the RUNEXESUMM table.

- a. Run Execution ID is the Run Execution Identifier concatenated with Run Description.
 - b. Run Status shows the status of US FED Run Execution.
 - c. Define the entities as SOLO or CONSOLIDATED in Lombard AgileREPORTER before retrieving returns.
3. Execute the REFRESH batches to refresh the Derived Entities.

2.7 Deploying Config Package

After saving the derived entities, follow these steps to deploy the Config Package:

1. To deploy the product configuration on Lombard AgileREPORTER using the package OFSAA_REG_REP_USFED_80980.zip bundled inside the Config_Package directory of the installer:
 - a. Navigate to the <LombardAgileREPORTER>/bin directory under the installed location.
 - b. Add a new configuration with the following command:


```
./config.sh -a <Config_Package Full Path>
```

For example:

```
./config.sh -a /scratch/kit/80980/OFS_REG_REP_USFED/Config_Package/OFSAA_REG_REP_USFED_80980.zip
```

2. Update the Alias with the following command:

```
./config.sh -ea OFSAA_REG_REP_USFED_80980 -iv 8.0.9.8.0 -alias "OFSAA  
FED DATA SOURCE" -aif <LombardAgileREPORTER>/bin/aliasinfo.properties
```

If you encounter any problems during deployment, contact OFSAA Support at [My Oracle Support](#).

2.8 Bugs Fixed in this Release

The fixed, enhanced, or modified bugs as part of OFS REG REP US FED 8.0.9.8.3 Release are as follows:

Bug Number	Bug Description	Change Comments
33180923	RRS 80983 FFIEC 009 NOT REPORTING CONTRA ADJUSTMENT TYPE	Added the Adjustment Type Check for EOP Principal Balance less than zero block.
33125834	RULE NOT ASSIGNING NBF1 FOR FINANCIAL PSE	Added an additional source for NBF1 with a Business Domain as OTHFINT and Ownership Type as PSE.
32976698	FFIEC009 - FUNCTIONS SUPPORT FOR GATHER STATS	Enabled the Gather Stats in all 10 Dimension Tables with a partition-based support.
33218428	RC-O - CONSOLIDATED SR FOR SBT ISSUES	Corrected the Dataset DSFD1913 to use correct alias in the Banding join.
33193698	031_RCO_MEASURE FOR COUNT OF ACCOUNTS_MEMOLINE1	Synchronized the Adjustment Type for the count of account columns along with relevant measure filters.
33182632	80983_REPORT RETREIVAL FAILED-FFIEC-009 & FFIEC041	Synchronized the Physical Binding and the Derived Entity for Accurate AR Retrievals.
33169018	80983 DID_CP_ISSUES	Synchronized the Physical Binding and the Derived Entity for Accurate AR Retrievals.
33163656	USAGE OF PROPER COLUMN TO JOIN & SELECT DIM_CONSTITUENT_TYPE IN DERGR011 & DERGR021	Corrected the Datasets to pick DIM_PARTY.V_ORG_CONSTITUENT_TYPE_CODE instead of the incorrect column DIM_PARTY.V_ORG_CONSTITUENT_TYPE.
33105407	CLARIFICATIONS UNDER FIXES OF ERL -7481 IN FFIEC009 SCHEDULE C PART 1 MAPPING	Updated the configuration with NOT IN conditions for the Standard Party and the Regulatory Region Hierarchies to ensure that the mutually exclusive sets are reported for Country, Party, and Region Records.
33090765	009 REPORT RETRIEVAL ISSUE ON 80982 CP (80982 + RCO/RCB + 009 ISSUE)	Synchronized the Physical Binding and the Derived Entity for Accurate AR Retrievals.
33089321	DEBUG PATCH FOR 80982 P1 BUGS	Regularized the debug patch into the USFED 8.0.9.8.3 release.

Bug Number	Bug Description	Change Comments
33087059	FFIEC041 RC-K ISSUES-P1 BUGS DELIVERY	Re-bundled the FSI M CELL DETAILS for the schedule RC-K to synchronize with prior versions of the reports.
33086948	009 REPORT RETRIEVAL ISSUE ON 80982 CP	Synchronized the Physical Binding and the Derived Entity for Accurate AR Retrievals.
33082324	DEBUG PATCH FOR 80982 BUGS	Regularized the debug patch into the USFED 8.0.9.8.3 release.
33081955	009_SCHL_DATA MISMATCH FOR COLUMN DIM_REG_INTL_ORG.V_REG_ORGN_REGION_GROUP_CD	Updated the mapping with an additional NOT IN condition for Standard Party in Region Reporting to avoid the double counting in FFEIEC-009 Schedules.
33074045	HC-B/ RC-B LINE 4.B.2 COUNTRY FILTER FOR ISSUER	Updated the Call Report Schedule B Line 4.b.1 and Line 4.b.2. with the Underlying Issue Country Filters.
33029354	DEFD1730 AND DEFD1910 RUNNING FOR LONG TIME	Moved the Banding Conditions to inner Derived Entity to improve the reporting Derived Entity Performance.
33018567	RULES MISSING FCAS FILTER	Added the \$MISDATE and \$RUNSK filters for all Rule Datasets in the DATE filter for the INNER JOIN and within ANSIJOIN for the LEFT OUTER JOIN.
33014926	RULE FAILING WITH DIVIDE BY 0 ERROR	Added conditions in Business Processes to check if the divisor is 0, then make it NULL.
33014900	ERL-7007 FFIEC-009 REPORT RETRIEVAL ISSUE	Added a Filter condition DIM_REG_REPLINE.V_REG_REP_LINE_CODE = 'FFIEC009OL3' to DSFD3111 Dataset.
33005575	RESULTS DE IN 009 COMMON ACROSS MULTIPLE SCHEDULES.	Created Derived Entities for the following schedules: <ul style="list-style-type: none"> • DEFD3100 DE - FD Fund Lend Summary - FFIEC009 Schedule C1. • DEFD3101 DE - FD Fund Lend Summary - FFIEC009 Schedule C2. • DEFD3102 DE - FD Fund Lend Summary - FFIEC009 Schedule D. • DEFD3103 DE - FD Fund Lend Summary - FFIEC009 Schedule L. • DEFD3112 DE - FD Fund Lend Net Due - FFIEC009 Schedule L. • DEFD3104 DE - FD Fund Lend Summary - FFIEC009 Schedule O. • DEFD3122 DE - FD Fund Lend Buy Sell - FFIEC009 Schedule O.

Bug Number	Bug Description	Change Comments
32929824	FFIEC-031/041: RC-O NUMBER OF ACCOUNTS REPORTED IN MEMO LINE 1	Updated the Count of Accounts to additionally check for original measure condition through new hierarchies.
32921847	ERL-7521: OVERPAYMENT (NEGATIVE PRINCIPAL) HANDLING IN 009 C & L	Updated the FFIEC-009 Business Processor to consider Over-payments through the End of Period Principal Balance.
32920655	PENDING ISSUES OF RECONCILIATION OF FFIEC031 RC_O	Updated the Reg Deposit Type Rules with the revised sources for the report FFIEC-031 with Schedule RC-O.
32905778	ERL-7571:EMBEDDED OPTIONS CONFIGURATION	Updated the RCB embedded option configuration.
32899885	NOT ABLE TO RETRIEVE AGILE REPORTER REPORT FRY9C V10/V11	Updated the Configuration Package to support the reports FRY-9C from V10 to V16 and FFIEC-031/FFIEC-041 V17 to V24 template versions of AR with latest configuration.
32879157	SBT ISSUES FFIEC-009 SCHEDULE O	Updated the FFIEC-009 Schedule O configuration based on various scenarios.
32772870	USAGE OF 2 DIMENSIONS : DIM_COHORT AND DIM_FINANCIAL_ELEMENT	Updated the Cohort Dimension to support SCD with the map reference number as 484.
32744711	ERL-7370: FCT_REG_FUND_LEND_DETAILS.N_CP_STD_PARTY_TYPE_SKEY IN MITIGANT/GUARANTOR T2T	Enhanced the T2Ts of Fund Lend Details to have mapping for possible columns and the Reg Risk Sector Rule to use FCT_REG_FUND_LEND_DETAILS.N_RISK_SEC_REG_PARTY_TYPE_SKEY.
32693285	COUNTERPARTY COUNTRIES POPULATION FOR ACCOUNT GRAIN IN FUND LEND DETAILS TABLE	Modified the Counter Party Derivation for Account and CPCVA T2Ts to include the Parent Customer for Derivatives with the Ownership Type as Agencies and Branches.
32873840	DIM_INDICATOR_VALUES DUPLICATE ISSUES RELATED TO DEFD1539 AND POSSIBLY OTHER DES	Updated the Seeded value for Indicator Values of Account Rollover Indicator to use Type as 50 and the Retail Wholesale Indicator to use Type as 51.
32759346	RC-O BALANCE REPORTING IN MEMO LINE 1	Updated the RCO configuration to satisfy the "sum of balances reported in RC-O line Memo line 1 that must be equal to RC-O line 1 less than line 2.
32718901	TRACKING OF KNOWN ISSUES IN RRS 80980 RELEASE	Modified the HCV Repline rule to add the Balance Sheet Category instead of the GL Type.

Bug Number	Bug Description	Change Comments
32631623	WATERFALL LOGIC FOR REPORTING FAIR VALUE FROM FCT_IFRS_MITIGANTS_SUMMARY AND STG MITIGANT: RC-O AND FRY-15 B	Updated the RCO logic to take FCT_REG_MITIGANTS_SUMMARY.N_VALUE_OF_MITIGANT_RCY if FCT_I, if, FRS_MITIGANTS_SUMMARY.N_COL_FAIR_VALUE_RCY is unavailable, and updated the logic to take FCT_PLACED_COLLATERAL.N_COLL_CURR_BOOK_VALUE_RCY, if, FCT_IFRS_PLACED_COLLATERAL.N_COLLATERAL_FAIR_VALUE_RCY is unavailable.
32286679	RC-F/RC-G SHOULD ALLOW ALL LINES TO BE FMR	Added an additional Fact Management Reporting data path in the configuration for RCF/RCG schedules of the report FFIEC-031.
33073457	FFIEC031_RC_O ISSUES	Updated the configuration for FFIEC031/041 RCO based on various scenarios.
33222240	FFIEC 009 - SCH L - TWO HIERARCHIES VALUES GOT INTERCHANGED	Corrected the Region and Party interchange issues.
33105302	EXCLUSION OF DOUBLE COUNTING OF EXPOSURES RELATED TO REGIONAL & INTERNATIONAL ORGANIZATIONS IN FFIEC009 SCHEDULE L & D	Updated the configuration to have an additional NOT IN conditions for the Country and Regions.
33218314	ISSUES UNDER FIXES OF ERL-7481/ERL-7489 IN FFIEC009 SCHEDULE C PART 1 MAPPING	Corrected the Country, Party and Region Relationships.

2.9 Known Issues or Limitations in this Release

The Known Issues or Limitations in this release are as follows:

1. As part of Inter-Intra series analysis, there are gaps identified for a few MDRMs between FFIEC-031 and FFIEC-041. Therefore, the impacted schedules are FFIEC-041 (RC-Q and RC-O) and it will be enhanced in a future release.
2. FFIEC-009 Schedule O to be enhanced for few functional and data scenarios that are identified during functional quality analysis.
3. For FFIEC-009 Schedule O, the reporting line rule to be enhanced for Credit Derivatives to be consistent with FFIEC-031 RC-L reporting.
4. The FFIEC-031 RCO Reconciliation between Line1, Line2 and MemoLine1 to be enhanced according to various data scenarios.

3 Hardware or Software Technology Stack Details

The hardware or software combinations required for OFS REG REP US FED 8.0.9.0.0 are available at [OFS Analytical Applications Technology Matrix](#).

4 Licensing Information

For details on the third-party software tool used, click this link: [OFSAA Licensing Information User Manual Release 8.0.9.0.0](#) and select 8.0.9.0.0 from the drop-down list.

OFSAA Support

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