

Oracle Financial Services Cash Flow Engine Configuration

User Guide

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ORACLE
Financial Services

Cash Flow Engine Configuration

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Document Control

Version Number	Revision Date	Change Log
1.0	June 2022	Created the first draft of the document.
2.0	September 2022	Updated document for additional configuration parameters

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1 Get Help

Topics:

- [Get Help in the Applications](#)
- [Learn About Accessibility](#)
- [Get Support](#)
- [Get Training](#)
- [Join Our Community](#)
- [Share Your Feedback](#)
- [Before You Begin](#)

1.1 Get Help in the Applications

Use Help icons to access help in the application.

Note that not all pages have Help icons. You can also access the [Oracle Help Center](#) to find guides and videos.

1.1.1 Additional Resources

- Community: Use [Oracle Cloud Customer Connect](#) to get information from experts at Oracle, the Partner Community, and other users.
- Training: Take courses on Oracle Cloud from [Oracle University](#).

1.2 Learn About Accessibility

For information about Oracle's commitment to accessibility, visit the [Oracle Accessibility Program](#). Videos included in this guide are provided as a media alternative for text-based topics also available in this guide.

1.3 Get Support

You can get support at [My Oracle Support](#).

For accessible support, visit Oracle Accessibility Learning and Support.

1.4 Get Training

Increase your knowledge of Oracle Cloud by taking courses at [Oracle University](#).

1.5 Join Our Community

Use [Cloud Customer Connect](#) to get information from industry experts at Oracle and in the Partner Community. You can join forums to connect with other customers, post questions, and watch events.

1.6 Share Your Feedback

We welcome your feedback about Oracle Applications User Assistance. If you need clarification, find an error, or just want to tell us what you found helpful, we did like to hear from you.

You can email your feedback to [My Oracle Support](#).

Thanks for helping us improve our user assistance!

1.7 Before You Begin

Refer to following Documents:

- [See What's New](#)
- [Get started with Cash Flow Engine Cloud Service](#)
- [Take a quick tour](#)

2 Cash Flow Configuration

Cash Flow Configuration is used to define parameters that control the working of Cash Flow Engine and some application User Interfaces.

Topics:

- [List of Parameters](#)
- [Editing of Cash Flow Parameter](#)

2.1.1 List of Parameters

The following is the list of Cash Flow Parameters:

Table: List of Cash Flow Parameters and Descriptions

Component Code	Component Description	Component Value
CFE_EDITS_TABLE	<p>Logical Name of tables on which Cash Flow Edits Process can run are displayed here. Following values are seeded by the service and cannot be modified:</p> <p>Asset~Derivative~Ledger Instrument~Liability~Loan Commitments~Off Balance Sheet</p> <p>Each table name is separated by ~ character</p>	<p>Physical Name of tables on which Cash Flow Edits Process can run are displayed here. Following values are seeded by the service and cannot be modified:</p> <p>FSI_D_ASSET~FSI_D_DERIVATIVE~FSI_D_LEDGER_INSTRUMENT~FSI_D LIABILITY~FSI_D_LOAN_COMMITMENTS~FSI_D_OFF_BALANCE_SHEET</p> <p>Each table name is separated by ~ character</p>
CFE_PROCESS_TABLE	<p>Logical Name of tables that can be used as source to provide account data to Cash Flow Process are displayed here. Following values are seeded by the service and cannot be modified:</p> <p>Asset~Derivative~Ledger Instrument~Liability~Loan Commitments~Off Balance Sheet</p> <p>Each table name is separated by ~ character</p>	<p>Physical Name of tables that can be used as source to provide account data to Cash Flow Process are displayed here. Following values are seeded by the service and cannot be modified:</p> <p>FSI_D_ASSET~FSI_D_DERIVATIVE~FSI_D_LEDGER_INSTRUMENT~FSI_D LIABILITY~FSI_D_LOAN_COMMITMENTS~FSI_D_OFF_BALANCE_SHEET</p> <p>Each table name is separated by ~ character</p>
CASH_FLOW_PROCESS_BATCH_SIZE	<p>Number of Account or Instruments that must be processed in a single batch. This is used by Cash Flow Engine for performance tuning.</p>	<p>Default Value of 1000 is seeded by the service, and you can modify it as needed</p>

Component Code	Component Description	Component Value
CASH_FLOW_EDITS_BATCH_SIZE	Number of Account or Instruments that must be processed in a single batch. This is used by Cash Flow Edits Engine for performance tuning.	Default Value of 1000 is seeded by the service, and you can modify it as needed
CASH_FLOW_PROCESS_PARALLEL_REQUESTS	Number of Parallel batches executed by each executor. This is a performance tuning parameter for Cash Flow Engine Cloud Service.	Default Value of 2 is seeded by the service, and you can modify it as needed
EXPORT_FILE_ROW_COUNT	Number of records to be included in one file when cash flow output is exported from database to Object Storage. You must enter value greater than zero.	Default Value of 1000 is seeded by the service, and you can modify it as needed
CASH_FLOW_PROCESS_PARALLEL_THREADS	Number of threads created by the executor for each batch. This is a performance tuning parameter for Cash Flow Engine Cloud Service. This defines how much memory can be used by the different components of the process such as the stack, data and text segments.	Default Value of 5 is seeded by the service, and you can modify it as needed
CASH_FLOW_PROCESS_FLUSH_BATCH_SIZE	Number of records that gets saved or updated in a batch during Cash Flow Process execution. This is used by Cash Flow Engine for performance tuning.	Default Value of 500 is seeded by the service, and you can modify it as needed
CASH_FLOW_EDITS_FLUSH_BATCH_SIZE	Number of records that gets saved or updated in a batch during Cash Flow Edits Process execution. This is used by Cash Flow Edits Engine for performance tuning.	Default Value of 500 is seeded by the service, and you can modify it as needed

2.1.2 Editing Cash Flow Parameter

To edit a Cash Flow Parameter, perform the following steps:

1. Navigate to the **Maintenance** and select **Configuration**.

Figure 1: Configuration

Configuration		
Component Code ↑↓	Component Description ↑↓	Component Value
CFE_EDITS_TABLE	Asset~Derivative~Ledger Instrument~Liability~Loan Commitments~Off Balance Sheet	FSI_D_ASSET~FSI_D_DERIVATIVE~FSI_D_LEDGER_INSTRUMENT~FSI_D_LIABILITY~FSI
CFE_PROCESS_TABLE	Asset~Derivative~Ledger Instrument~Liability~Loan Commitments~Off Balance Sheet	FSI_D_ASSET~FSI_D_DERIVATIVE~FSI_D_LEDGER_INSTRUMENT~FSI_D_LIABILITY~FSI
CASH_FLOW_PROCESS_BATCH_SIZE	Instrument Count to Process in Single batch	1000
CASH_FLOW_EDITS_BATCH_SIZE	Instrument Count to Process in Single batch	1000
CASH_FLOW_PROCESS_PARALLEL_REQUESTS	Number of parallel batches executed by each executor	2
EXPORT_FILE_ROW_COUNT	Number of records to be included in one file during export	10000
CASH_FLOW_PROCESS_PARALLEL_THREADS	Number of threads created by the executor for each batch	5
CASH_FLOW_EDITS_FLUSH_BATCH_SIZE	Save or Update Records Flush Batch Size	500
CASH_FLOW_PROCESS_FLUSH_BATCH_SIZE	Save or Update Records Flush Batch Size	500

2. Select **Component Code** Row and edit value in the **Component Value** Field.

3. Click **Save**.

Click Refresh to reload the Cash Flow Configuration details.

OFSAA Support

Raise a Service Request (SR) in [My Oracle Support \(MOS\)](#) for queries related to the OFSAA Applications.

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- Is the information clearly presented?
- Do you need more information? If so, where?
- Are the examples correct? Do you need more examples?
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