



# MAMBU

## V7 - Release Candidates

Release Notes

# Overview

## About the Release Notes

The Release Notes are a comprehensive user guide for the latest release of Mambu. The Mambu Release Notes give you everything you need to get up and running with the new features and enhancements in the latest release.

## What are Release Candidates?

An “RC” is actually a Release Candidate for the new major version that was just released on Sandbox, that has the scope of stabilizing the new product version. It represents a “beta” version, with potential to be a final version if not other problems are found in it.

## Your Feedback Matters

We know how important the Release Notes, online help, and documentation are to your company's success with Mambu. To continuously improve the service we deliver to you, we want to know what works and what doesn't. Let us know by contacting [support@mambu.com](mailto:support@mambu.com).

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## V7-RC01

### 1. Bug fixes

#### **[ADM-505] - Error message from Loan Transactions is shown in Loan Accounts sheet in the report file**

When trying to import files in which more decimals are defined compared with base currency for an amount or any transaction the following error messages were displayed in:

- Loan Accounts sheet - Product ID
  - “Invalid amount. Check that the specified amount is valid for your currency. Make sure that no decimal formatting is applied over the amount”
- Loan Accounts sheet - Product ID
  - “Decimals are not allowed when rounding is enabled”

With this fix when more decimals are defined, the above error messages are displayed in Loan Transactions - Amount column and in Loan Accounts sheet - Product ID.

#### **[ADM-547] - User Link custom fields values are not displayed on the Overview or Edit form of the entity**

When importing a file with data for an entity that has some CF defined the value if the imported User Link custom field is not displayed on the Overview page or in Edit form of the entity. With this fix, the value of the imported User Link custom field is displayed on the Overview page or in Edit form of the entity.

#### **[ADM-553] - Error is displayed when trying to import a file with copied CF's**

When importing a file with copied CF's an error is displayed. With this fix, regardless of how the file is filled with data (typed or copy-paste) the result will be the same.

#### **[ADM-566] - Creating a new user is seen as a critical action when option requires re-authentication is unchecked**

When trying to create a new user even if the option “Require Admin Password” is not checked the “Confirm Identity” pop-up is displayed. With this fix, when the option “Require Admin Password” is unchecked no pop-up will be displayed at new user creation. As a precondition Federated Authentication should not be enabled.

#### **[ADM-595] - Request Timeout pop-up is retrieved when trying to import a loan account**

When trying to import a loan account, if any errors were discovered in the import file, a request pop-up appears. With this fix, we made sure that if there are any errors in the imported file, then an error report file is retrieved at the end of the upload process, otherwise the import being successful.

#### **[API-1518] - API v2 - Custom field removed via PUT from loan account received in the response**

When using PUT method to remove a custom field value from a loan account via API v2, the custom field and its value would still be present in the response. This issue has been fixed and now the response for PUT updates is accurate.

**[API-1535] - API v2 - Internal error received when POSTing with custom fields that the user role does not have access to**

Each custom field has a specific configuration on what roles can actually get to use it. When creating a new record via API v2 with a custom field and the user executing the API call has a role that does not have access to that field the server would reply with an internal error. This has been fixed and now the correct error reason is returned by the server.

**[CORE-902] - Custom Payment Amount API call not working on release candidates**

When posting a custom repayment via API 2.0 on a loan account with "Allow Custom Repayment Allocation" enabled, the repayment was made according to "Repayment Allocation Order". This issue has been fixed and now the repayment is made according to "Custom Repayment Allocation" option.

**[CUS-513] - Remove LoanTransaction BALANCE deprecated field**

The LoanTransaction Balance field has been completely removed as it was deprecated. This field can no longer be used for dynamic search APIs, the functionality being removed in V4.6 and the field being kept until V6 for backwards compatibility.

**[CUS-939] - Error accessing custom views**

When accessing custom views an error was displayed and the data couldn't be accessed. This issue has been fixed and the custom views are now accessible.

**[DEP-298] - Available Balance is not properly calculated after you reverse a fee for an account with a reversed backdated deposit.**

After reversing a fee for an account with a reversed backdated deposit, the fee applied transaction is reversed but two interest applied transactions are posted and the available balance is increased with the amount of the fee. This has been fixed and the fee applied transaction is reversed and no other transactions are posted.

**[NEO-323] - Interest Applied transaction is not logged when refinancing/rescheduling a loan account with redraw balance**

When Rescheduling/Refinancing a loan account with redraw balance the interest applied transaction is not logged on the old account and the values of the Transfer transaction are incorrect.

This has been fixed and the interest applied transactions is logged on the old account and the values of the Transfer transaction are correct, meaning:

- at Refinance, on both accounts, the Transfer transaction will have the value:
  - Current Outstanding Principal = Principal Balance - Redraw Balance + Interest Applied (interest accrued from before the refinance)
- at Reschedule, the Write-Off transaction, will have the value:
  - Principal Balance - Redraw Balance - New Principal Balance + Interest Applied (interest accrued from before the reschedule)

## 2. Improvements

### **[CUS-63] - Improve performance when dealing with 10.000+ dependent custom field selections**

When working with multiple dependent custom fields, the performance of the system would degrade as depending on the number of fields up to where custom field values would take too long to load. As this caused loading issues and delayed actions for users, we made some performance improvements with V7-RC01 that improved stability and overall performance of custom fields.

### **[CUS-862] - Invalidate the cache entries when an update happens**

As the mechanism for refreshing the cache entries on update or delete brought unnecessary overhead to the transaction management, we implemented a more decoupled solution that loads the cache services only when a GET call is triggered

### **[DEP-352] - As a user, I want the account to transition from approved to active when an authorisation hold action is made**

Now an account is active (transition from approved to active) when a transaction is posted (deposit/withdrawal). With this fix the account will become active also when an authorisation hold was made.

Sandbox release date: Monday, 10th of July 2018

## V7-RC02

### 1. Bug fixes

#### **[ADM-440] - Password strength policy not enforced during account creation**

When a non-admin user would create a new user in Mambu, the password security policy could be bypassed and the password could eventually match the username. This has been addressed with V7-RC02 and all password configuration scenarios will follow the security policy.

#### **[ADM-694] - Add support for "SAML Issuer ID"**

As part of the Federated Authentication configuration we have added, as a security enforcement, the SAML Issuer ID. This new field is available with V7-RC02 and will be used to validate the identity provider, as part of the SAML protocol.

#### **[ADM-650] - Importing process remains blocked**

For data import, when using large amounts of data and miss matches are included in the file the process would freeze and the import job wouldn't finish. This issues has been addressed and fixed and the import process will successfully complete, providing the import results, including highlights of errors in the import file.

#### **[ADM-692] - Federated Authentication can't be enabled on v7 environments**

When enabling the Federated Authentication feature it would on various occasions even though the provided settings were correct. This issue has been investigated and solved with V7-RC02.

#### **[API-1370] - See number of days in arrears/late for Loan Accounts**

For loan accounts days in arrear and days late information has been added to the API 2.0 structure. This information will be provided via API only when loan accounts are requested with level of details set to Full and the account has late payments and/or is set to arrears.

### 2. Improvements and New Features

#### **[DEP-3] - Increase the amount of the existing authorisation hold**

For an existing and pending authorisation hold, it is now possible to increase the amount of the hold. When the hold amount is increased, then the expiration date of the authorisation hold is also renewed. Authorisation Holds that are expired or already settled cannot be increased.

The increase of a hold is done via API 2.0 POST call to endpoint:

```
/cards/{cardReferenceToken}/authorizationholds/{authorizationHoldExternalReferenceId}:increase
```

**[DEP-351] - As an API V2 developer, I want to see the technical overdraft fields in the deposit account**

Since Mambu has introduced Technical Overdraft in beta, with this issue we have also made available the Technical Overdraft fields for API 2.0 calls. The following fields are now available:

`technicalOverdraftInterestDue`

`technicalOverdraftAmount`

`technicalOverdraftInterestAccrued`

Sandbox release date: Monday, 16th of July 2018

## V7-RC03

### 1. Bug fixes

#### **[CORE-894] - Inconsistent column name "Assigned to Branch" has been changed back to "Branch"**

We noticed the former 'Branch' column value that appeared in the suggested list of available columns was, in some cases, presented as 'Assigned to Branch'. To remove confusion, we made sure this column is named and can be found by 'Branch' in all cases.

#### **[API-1559] - Fix internal error that appears when creating a custom field with the same temp ID's**

With this fix we made sure that when creating a second custom fields with the same ID as an existing one, on save, instead of throwing a generic internal error, it will throw a validation message that will inform the user that about the duplicate ID.

### 2. Improvements

#### **[DEP-392] - Display Holds API permissions in UI**

The Holds API permissions was initially hid from the UI in DEP-175 to remove confusion after the V6 release. As with V7 Sandbox only, we are releasing Cards, the Cards and Authorization Hold permissions will now be visible again only on API section and only by admin users that have the rights to operate with Cards. Without this permission, the non-admin users will not be able to register cards to deposit accounts. In order to assign cards to accounts, the API V2 feature should be also enabled.

#### **[DEP-369] - Enable cards feature for sandbox environments**

With this improvement, we were able to only release the Cards feature on the Sandbox environment so that it can be explored as a feature, still having the possibility not to further the deployment of this feature to production. The cards feature will allow the administrators to configure the possibility to customize the Authorization Hold expiration based on the Merchant Category Code (MCC).

#### **[CORE-478] - Change the account's assignments when changing client's assignments**

At this moment, when changing client's branch, all the accounts are re-assigned to that branch. As we can also have accounts assigned to different branches, to bring clarification, we have added a message that lets the user known that when changing a client's branch, all the accounts will be assigned to the newly selected branch.

**[ADM-633] - Ability to enable/disable "SSO (Federated Authentication)" feature**

As we released the beta for Federated Authentication with V7 Sandbox Release, we have now added the ability to enable/disable this feature by request, depending on business needs. If you specifically requested this feature via a tag in Aha, you will find it under Administration>Access. If you don't see this feature available but would like it enabled, please contact technical support to have it enabled and follow the steps here to [set up Federated Authentication with Mambu](#).

Sandbox release date: Thursday, 19th of July 2018

## V7-RC04

### 1. Bug fixes

#### **[ADM-2] - An exception is thrown when importing a group with Group Type usage for allow opening accounts**

When using Data Import, in the case you have a Group type with Usage: 'Allow opening account', even if data was correct in the imported file, an unexpected error was thrown. With ADM-2 we have fixed this and the import is now successful for this case as well.

#### **[ADM-562] - Request timeout is thrown when trying to import a group/client without 'Show default address fields' option checked**

When using Data Import, in the case you have Client/Group type without Usage: 'Show default addresses fields', even if data was correct in the imported file, an unexpected error was thrown. With ADM-562 we have fixed this and the import is now successful for this case as well.

#### **[ADM-699] - Users provisioned by IDP are seen as provisioned by MBU when API/ADMIN right is granted**

We discovered a case in which a user provisioned by IDP that then received API/Admin permission (and inherently Mambu credentials), the database entry would change to stipulate the user is actually Mambu provisioned. We made this fix and all IdP provided users, regardless if they have mambu logins as well or not, are correctly stored in the DB.

#### **[CORE-903] - Credit officer without "Can access other credit officers clients" permission cannot access loan accounts assigned to branches he manages**

A Credit Officer without "Can access other credit officers clients" permission, will be able to view a loan account assigned to the branch that he manages, even when the client is assigned to a different branch and a different credit officer.

#### **[CORE-967] - Rescheduling via API 1.0 returns inconsistent error**

When trying to reschedule a loan account via API 1.0 the following error message is displayed:

```
{
  "returnCode": 3419,
  "returnStatus": "CANNOT_CHANGE_LOAN_ACCOUNT_BRANCH_WHEN_RESCHEDULE_REFINANCE"
}
```

The issue was fixed and the loan account is successfully rescheduled/refinanced

### **[CUS-1029] - NullPointerException on getting filtered savings transaction**

When trying to get filtered savings transaction, an internal server error occurred, returning the generic Mambu error message along with the 500 return code. With CUS-1029 we fixed the cause of this issue and now a JSON is correctly returned with the savings transactions that match the filter.

## **2. Improvements**

### **[CUS-994] - Custom Fields options - display first 20 options as suggestions**

With CUS-63 we introduced a performance improvement that included limiting custom fields options to be displayed only as you type and we find matching options. As this seemed to remove some of the usability of these fields, with CUS-994 we introduced the display of the first 20 custom fields options we retrieve when nothing is typed into the field, as this is the average number of custom fields in use.

### **[ADM-466] - Add info icon for Federated Authentication (SSO) and link to setup steps**

To make sure the setup for Federated Authentication (SSO) is streamlined, we added an info note that points directly to the Setup Guide in Mambu support page. You can find this right next to the Federated Authentication enable toggle.

### **[API-1440] - Loan Account - Penalty rate should be editable on active accounts**

This improvement targets API 2.0 only and brings the possibility for the loan penalty rate to be edited on active loan accounts. Starting with RC-04, the penalty rate can be changed through PUT and PATCH operations. This has been added as to allow various use cases where the penalty rate would change due to various factors and creditors need to comply.

### **[CORE-652] - Use the New Interest Rounding mechanism when computing the Interest from Arrears**

The new Interest Rounding mechanism is available also when computing the Interest from Arrears, meaning that the amounts are rounded on each due date.

Sandbox release date: Monday, 30th of July 2018

## V7-RC05

### Notes

- In V7-RC05 we merged all the fixes released in Mambu 6.12 Minor Release. You can find all these fixes in the [V6.12 Release Notes](#).
- The [V7 Release Notes](#) were updated with details regarding Circuit Breaker pattern for Webhook notifications, point 1.6. Please review and make sure you took the actions explained in the email campaign sent on February 22nd and noted again in the updated V7 Release Notes.
- Circuit Breaker pattern for Webhook notifications will be enabled in the first couple of weeks after the V7 Production release so please make sure you took the needed actions by then. Please let us know as soon as possible if you encounter challenges in taking the actions described to transition to Circuit Breaker.

Sandbox release date: Friday, 3rd of August 2018