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## Alma December Make the Most

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### Make the Most of December's Release

#### Action Items

[Add Watermark to Digital Image Files](#) - You can now overlay your viewed and downloaded images with a copyright watermark by uploading the watermark image, as described [here](#)

[GetIt Libraries - Customized Display Order](#) - For better controlling which of your libraries and locations are highlighted in a Primo search result, a new Locations Ordering Profile option allows you to configure which libraries should be prioritized when the Primo GetIt includes more than one holding library, and how locations within the library may be prioritized for display

[Proxy Requesting](#) - You can now create proxy patrons that are full proxies, i.e. not only loan on behalf of a sponsor, but also place hold and resource sharing requests on behalf of the sponsor.

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## Upcoming Issues to Note

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### TLS Cryptographic Protocol Support

Read the following to avoid service disruptions.

TLS is a cryptographic protocol that provides authentication and data encryption between different endpoints (for example, the user's desktop and the application server). Various vulnerabilities (such as POODLE and DROWN) have been found in TLS versions 1.0 and 1.1 in recent years.

As announced in the latest security update, to avoid security vulnerabilities and to align with industry standards, Ex Libris will block TLS 1.0 and 1.1 traffic for Alma API in production environments and will support only TLS 1.2. The deprecation plan which was communicated will begin by October 2021 and will be concluded by May 2022:

- Canada – October 17, 2021
- APAC – February 20, 2022
- Europe – March 10, 2022
- America – May 15, 2022

For practical steps to be taken, see [Ex Libris Higher Education Platform API - deprecation of TLS 1.0 and TLS 1.1](#).

You can find additional information on TLS at:

- [Security Update - Deprecation of TLS 1.0 and TLS 1.1 Versions for Higher Education Platform API \(July 8, 2021\)](#)
- [Transport Security Layer \(TLS\) Support](#)

- [https://en.wikipedia.org/wiki/Transport\\_Layer\\_Security](https://en.wikipedia.org/wiki/Transport_Layer_Security)

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## SAML Certificate Workflow Update

Starting in August 2021, to accommodate the updated expiration policy of the certificate vendors, the signed certificate will be issued twice yearly.

For example, the certificate made available in August 2021 will expire in June 2022 and the certificate made available in February 2022 will expire in December 2022. This means that institutions that wish to use the signed certificate must update it twice a year.

Ex Libris highly recommends using the provided self-signed certificate to reduce the frequency of certificate updates.

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## January Release Sneak Preview

Click [here](#) to view the January sneak preview.

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## Alma December Main Stories

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### Support for the Safari Browser

#### December 2021 Administration and Infrastructure

Alma is now certified to run Safari browser on Apple OS (in addition to the existing certification for the Chrome, Firefox, and Edge browsers).

See [Browser and OS Requirements](#).

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### Sharing Letter Customizations within Alma

#### December 2021 Administration and Infrastructure

Now Alma supports the ability to contribute XSL templates of customized letters to the Community Zone and to copy them over to your institution for local use, as well as preview how the template will work and look like before copying it over. This makes it much easier to share XSL configurations between institutions.

To learn more, watch [Contributing Letter Configurations to the Community Zone and Copying to Your Institution](#) (5:30 mins)

In addition, get the presentation: [How to contribute letter configurations to the Community Zone and copy them to the institution](#)

See the online help at [Contributing Letter Customizations to Community Zone](#).

Watch the [Contributing Letter Configurations to the Community Zone and Copying to the Institution](#) video (5:39 minutes).

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### "Update from Central Catalog" Job Schedule Change

#### December 2021 Administration and Infrastructure

The scheduling of the Update from Central Catalog job now allows running the job on the half of the hour, instead of only hourly.

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### Excel Report Enhancements

#### December 2021 Administration and Infrastructure

Now the Excel reports exported from Alma are formatted in a way that is easier for users to view and understand, and eliminates the need for the user to handle the Excel formatting. This makes it easier for users to use and analyze the information in Excel reports produced from Alma.

The Excel files exported from Alma are now formatted out-of-the-box as follows:

- Headers have the options to sort / filter
- Column width is auto-adjusted to fully display the contained information

- Content is wrapped in a cell - specifically important for cases where the cell contains multiple lines separated by Alt+Enter
- Hebrew & Arabic text (right-to-left direction) is aligned to the right

### Note

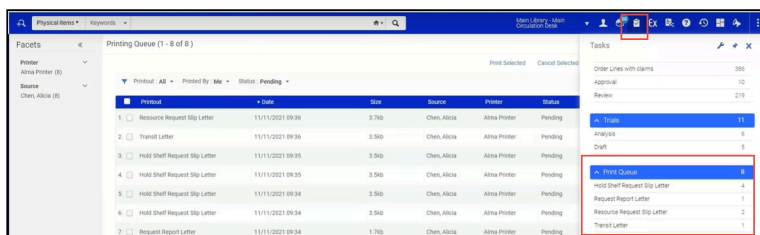
This functionality is enabled by default. To disable it and return to the previous way Excel reports were exported, contact Ex Libris Customer Support.

Watch the [Improved Format for Excel Reports](#) video (1:08 minutes).

## Counter Added to Printouts Queue in Task List

### December 2021 Administration and Infrastructure

The Tasks List widget and the Tasks panel now display the items currently in the Printout Queue, including names of letters and how many there are of each letter. This helps Operators to work more efficiently, as printing is not always automated via email.



## GetIt Libraries - Customized Display Order

### December 2021 Fulfillment



#### NERS Enhancement (ID #6676)

Now customers can define a list of libraries and list of locations within a library in a prioritized order, and have this order reflected in Primo or Primo VE search results. This enables more meaningful sorting of locations in the Get It menu.

When publishing availability in the discovery system, if the published record has multiple availability location lines, they will be published in the order that has been defined by the institution. And when displaying a list of locations in the **GetIt** tab, if the record has multiple holdings, they will be listed in the order that has been defined by the institution.

To support this, a new option "Use Custom Sorting" was added to the **Locations Ordering Profile** page ([Configuration > Fulfillment > Discovery Interface Display Logic > Locations Ordering Profile](#)). Once you select this option, you can customize the order in which the libraries will be displayed in the discovery system.

Locations Ordering Profile

Use Alphabetical Sorting Only  No  Yes

Use "IP best location" sorting  No  Yes

Prefer Remote Storage  No  Yes

Use Custom Sorting  No  Yes Set Custom Libraries Order

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## Note

The priority of each location within the library can also be determined by configuring the 'Discovery Priority' attribute of a location ([Configuration Menu > Fulfillment > Physical Locations](#), when the selected configuration scope is a library).

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See [Configuring the Order of Locations in Primo Search Results](#).

For more information on the new options for customizing the order of libraries in Primo VE, see [Get It - Custom Order of Locations](#).

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## Proxy Requesting

### December 2021 Fulfillment



#### Idea Exchange

A new type of proxy user is introduced, that will function as an extension for the sponsor user: Fulfillment proxies will have a proxy account (separate from their personal account, if exists), with which they'll be able to log into Primo or Primo VE, place hold and resource sharing requests on behalf of their sponsor user, follow up on these requests, be notified when they reach the hold shelf, and check out items on behalf of the sponsor user.

To create a fulfillment proxy user, check the "Add as a fulfillment proxy" when adding the new user, and select the sponsor user from the list. The new account created will only be able to perform fulfillment activities on behalf of the sponsor.

See [Managing Proxy Users](#).

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## Network Member Can See Physical Usage Information for an Item

### December 2021 Collaborative Networks

Now users of consortia members can see physical usage information for items available in other institutions, including last loan date and the number of loans. This enables staff users to give a good recommendation from which member to loan an item, based on better availability prognosis due to the lower frequency of lending.

To view this information, when searching in the Network Zone, go to the 'Held By' tab under the Title search, select one of the institutions from which this item can be loaned, and open the new **Physical Usage** tab:

Held by Institutions	
My Institution (Nasjonalbiblioteket)	Total number of loans: 2
Høgskolen i Sørøst-Norge	Last Loan Date: 08/11/2021
UIT Norges arktiske universitet, Universitetsbiblioteket	Total number of requests: 1

This functionality is disabled by default. To enable it, set the `share_item_usage_across_network` customer parameter to true (see [Configuring Other Settings \(Resource Management\)](#)).

See [Repository Search when Using a Network Zone](#) and [Searching in Alma](#).

# Automatic Deletion of Network Zone Bibliographic Record not Held by Other Institutions

## December 2021 Collaborative Networks

Now when you delete a bibliographic record in the Institution Zone, and you're the last library in the consortium to hold it, the bibliographic record is deleted in the Network Zone.

### Note

This happens only for Network Zones bib where the withdrawn inventory is linked to a Network Zone-cached record.

This functionality is disabled by default. To enable it, set the `delete_nz_bib_without_inventory` customer parameter to true (see [Configuring Other Settings \(Resource Management\)](#)).

See [Withdrawals, Working with Bibliographic Records](#) and [Manual Jobs](#).

# Libraries Sorted by Relevance as Default

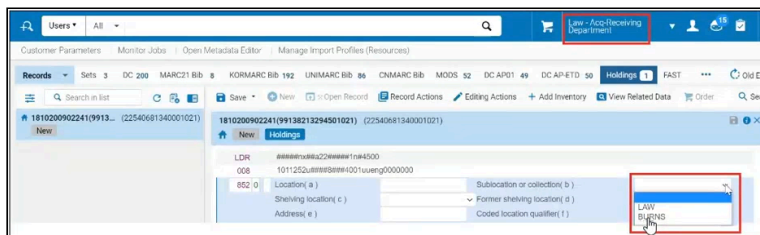
## December 2021 Resource Management

To facilitate the work of Inventory Operators, who are interested first and foremost in seeing inventory within the library they work in, the `sort_library_by_relevance` customer parameter (**Configuration > Resources > General > Other Settings**) is now set to True as default.

Now the below functionalities within Alma are sorted first by "Physically At" location of the user:

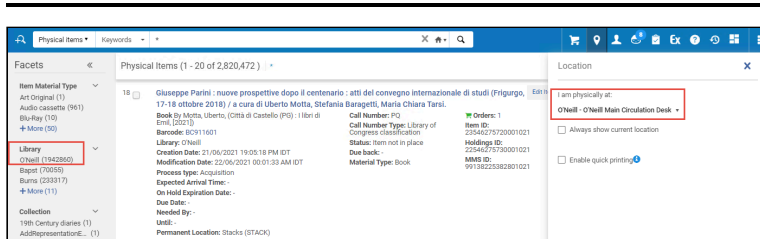
- **Metadata Editor Holdings 852 \$b:**

Now when you press Ctrl+F, the "Library" dropdown "Sublocation or collection(b)" displays first the library that is selected as your "Physically at" location:



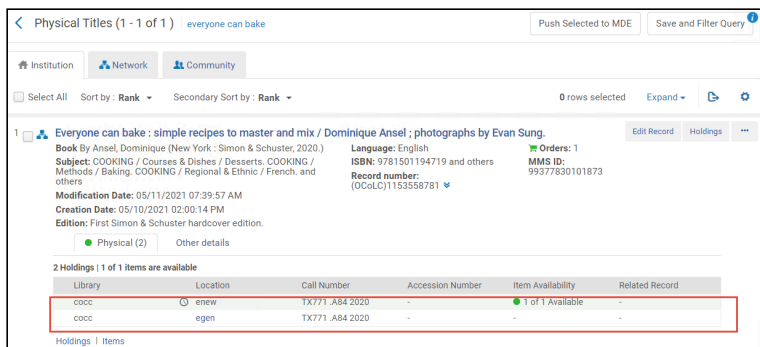
- **"Libraries" Facet in Physical Item search and Holdings search:**

Now when doing a Physical Items search and Holdings search, the "Library" facets in the search results displays first the library that is selected as your "Physically at" location.



- **Holdings list in the "Physical" tab in Physical Titles search:**

Now in the Physical tab that appears under each title, the holdings records that appear first are the Holdings records for the library selected as your "Physically at" location.



For additional details, see [Support for Libraries Sorting by "Physically At" Location](#) in August 2021 release notes.

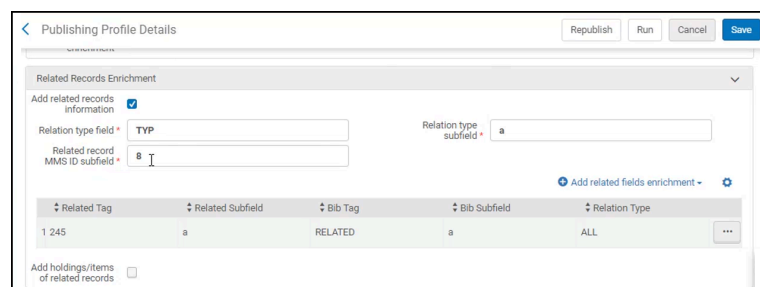
See [Configuring Other Settings \(Resource Management\)](#).

## Support for Related Record Enrichment as part of General Publishing

### December 2021 Resource Management

Related records can now be republished to external systems, so that the external catalog has a full representation of the catalog and inventory of your library. You can include the related record information (bibliographic and physical inventory). If the institution is part of a consortium, then when publishing bibliographic records from the Network Zone to an external system, the related records information can also be published to the external system.

The section Related Records Enrichment was added to the **Publishing Profile Details** page > Step 2. On this page you can define the information that will be added to the published bibliographic record from its related records. This new section is relevant for all types of publishing levels and all output formats, except Dublin Core simple / qualified.



### Note

To deploy this feature for existing profiles, running **Republish Entire Index** is required.

See [Publishing and Inventory Enrichment \(General Publishing\)](#).

Watch the [Add Related Records Information to Published Record](#) video (4:10 minutes).

## UNIMARC / Marc21 Bibliographic/Authority Crosswalk Enhancements

### December 2021 Resource Management

A number of enhancements were introduced to the UNIMARC/MARC21 crosswalk to handle missing/new/incorrect fields mapping. This includes the following enhancements (not an exhaustive list):

- **Authority MARC21 to UNIMARC** - New Authority crosswalk was added both directions for the below subfields:

UNIMARC Authority	MARC21 Authority
<b>280</b> \$a \$j \$x \$y \$z	<b>155</b> \$a \$v \$x \$y \$z
<b>480</b> \$a \$j \$x \$y \$z \$6	<b>455</b> \$a \$v \$x \$y \$z \$6
<b>580</b> \$a \$j \$x \$y \$z \$6	<b>555</b> \$a \$v \$x \$y \$z \$6

- **Authority UNIMARC to MARC21** - UNIMARC AUTH 822 is now crosswalked to MARC21 AUTH 922. Indicators and subfields are copied as is.
- **Authority UNIMARC to MARC21** - UNIMARC AUTH control X10 \$8 (language code of cataloging) is NOT mapped into AUTH MARC21 \$9.

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## Authority Control Task List Enhancements

### December 2021 Resource Management

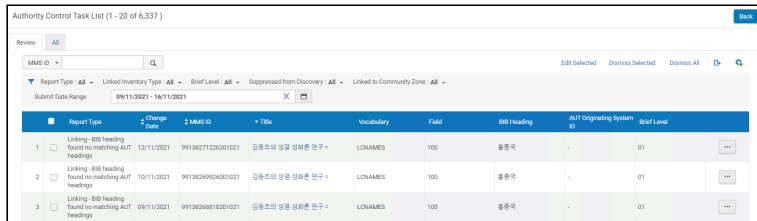
Major performance improvements were introduced on the **Authority Control Task List**, enabling the staff users to access



it in a much shorter time.

In addition, three filters were added on top of the table instead of the facets:

- **Brief Level** – Use this option to view records for a specific brief level. This can be configured to appear as an additional column of information in your authority control task list.
- **Suppressed from Discovery** – Use this option to view only the records that are suppressed from discovery (Yes) or to view only the records that are not suppressed from discovery (No).
- **Linked to Community Zone** – Use this option to view only the records linked to the Community Zone (Yes) or to view only the records that are not linked to the Community Zone (No)



Report Type	Change Date	MMSID	Title	Vocabulary	Field	BIB Heading	AAT/Originating System	Brief Level
Linking - BIB heading Report to matching AAT headings	12/11/2021	99138271220201021	김종주의 생몰 생략본 연구 =	LONAMES	100	출생국	-	01
Linking - BIB heading Report to matching AAT headings	10/11/2021	9913826923001021	김종주의 생몰 생략본 연구 =	LONAMES	100	출생국	-	01
Linking - BIB heading Report to matching AAT headings	09/11/2021	99138268810201021	김종주의 생몰 생략본 연구 =	LONAMES	100	출생국	-	01

See [Using the Authority Control Task List](#).

## MARC21 Updates

### December 2021 Resource Management

The following MARC21 bibliographic and holdings configuration profile updates have been completed:

- MARC 21 Bib – Update No. 32 (June 2021)
- MARC 21 Holdings - Update No. 32 (June 2021)

See [MARC 21 Search Indexes](#).

## Metadata Editor Accessibility Improvements

### December 2021 Resource Management

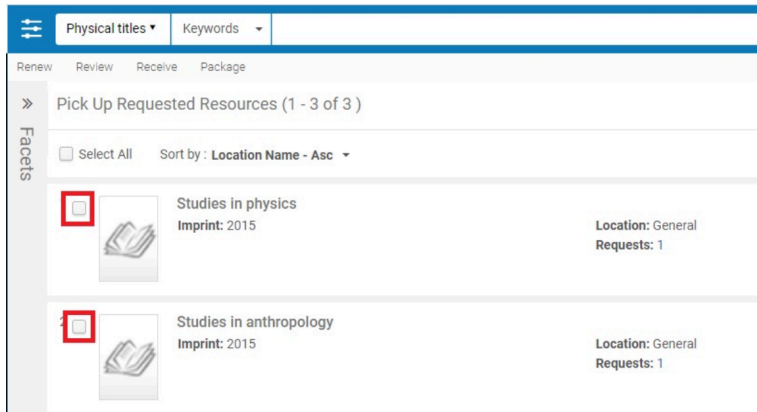
- The blue color on text/icons/buttons was replaced to provide a better contrast with their surroundings.
- When opening two records side by side, the user can zoom out to 200%.
- When the Metadata Editor is loading for the first time, the screen reader says “Metadata Editor loading alert, please wait” for the benefit of screen user users.

## Alma Accessibility Improvements

### December 2021 Resource Management

The following improvement was done with the purpose of making Alma meet Level A and AA of the W3C Web Content Accessibility Guidelines (WCAG 2.1) and Section 508 of the US Rehabilitation Act for features and functions:

- In records lists with checkboxes, a label was added to every checkbox for screen reader users with the relevant title. This helps users know what they are selecting or clearing when focused on the checkbox, without needing to go ahead in order to hear the title and then go back to checkbox.



## Patron Waitlist Notification By SMS

### December 2021 Digital Resource Management

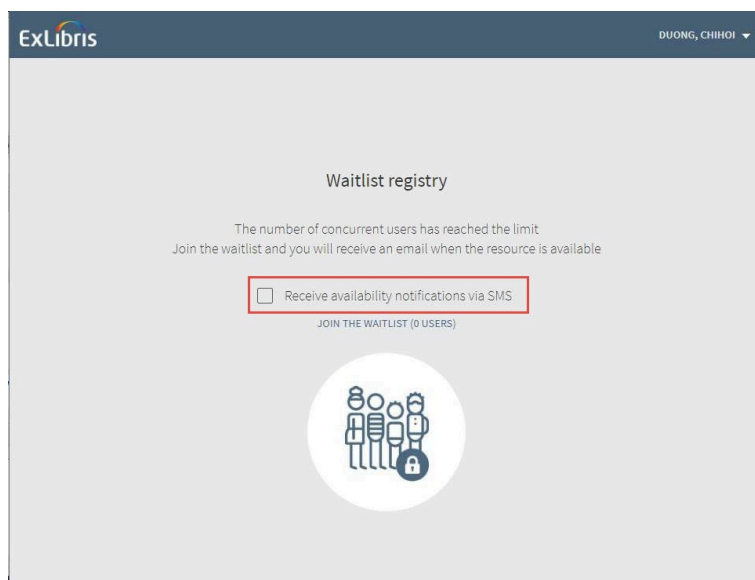
Patrons waiting for a resource with the Patron Waitlist feature now have an option to be notified by SMS when it becomes available.

To configure this option, enable the new **Delivery Registration Status Letter** that is sent by SMS ([Configuration > General > Letters > Letters Configuration](#)):

Enable	Letter	Description	Channel	Retention Period	Customized	Patron Facing
<input checked="" type="checkbox"/>	Courtesy Letter	Courtesy Notice	EMAIL			✓
<input type="checkbox"/>	Courtesy Letter	Sms Courtesy Notice	SMS	-		✓
<input checked="" type="checkbox"/>	Delivery Registration Status Letter	Delivery Registration Status Letter	EMAIL			✓
<input checked="" type="checkbox"/>	Delivery Registration Status Letter	SMS Delivery Registration Status Letter	SMS	-		✓
<input checked="" type="checkbox"/>	Deposit Activity Letter	Deposit Status Report	EMAIL			✓

### Delivery Registration Status Letter

When a logged in user requests a resource that has reached its maximum number of concurrent users, the waitlist registry page now displays an option to receive availability notification via SMS:



### Receive Availability Notification Via SMS

When the patron selects the checkbox, a notification is sent by SMS to the phone number in the user's profile when the resource is available.

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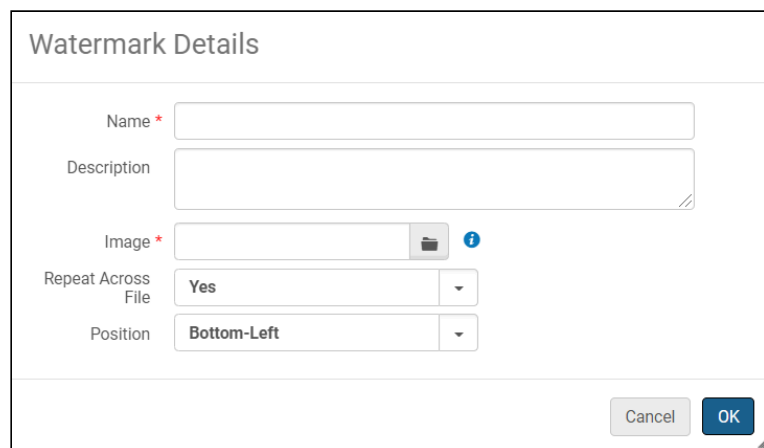
## Add Watermark to Digital Image Files

### December 2021 Digital Resource Management

For a PowerPoint describing how to add a watermark, see [Alma Digital - Copyright Watermarks for Image Files](#).

You can now add a watermark image to digital image files.

You configure watermarks from **Configuration > Fulfillment > Copyright Management > Digital Watermark**:



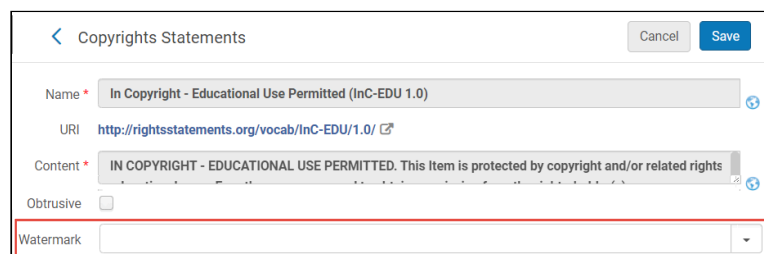
The screenshot shows a form titled "Watermark Details". It contains the following fields and controls:

- Name \***: A text input field.
- Description**: A larger text area with a clear button (X) in the bottom right corner.
- Image \***: A file selection field with a folder icon and an information icon (i).
- Repeat Across File**: A dropdown menu currently set to "Yes".
- Position**: A dropdown menu currently set to "Bottom-Left".
- At the bottom right, there are "Cancel" and "OK" buttons.

#### Watermark Details

Load an image from the **Image** field to select it as a watermark.

To apply a watermark to the images of a representation, add the watermark to a copyrights statement associated with the representation. To support this feature, the **Watermark** field was added to the Digital Copyrights configuration page (**Configuration > Fulfillment > Copyright Management > Copyrights Statements - Digital**):



The screenshot shows the "Copyrights Statements" configuration page. It includes the following fields and controls:

- Navigation: Back arrow, "Copyrights Statements" title, "Cancel" button, and "Save" button.
- Name \***: A text field containing "In Copyright - Educational Use Permitted (InC-EDU 1.0)".
- URI**: A text field containing "http://rightsstatements.org/vocab/InC-EDU/1.0/" with a link icon.
- Content \***: A text field containing "IN COPYRIGHT - EDUCATIONAL USE PERMITTED. This Item is protected by copyright and/or related rights".
- Obtrusive**: A checkbox that is currently unchecked.
- Watermark**: A dropdown menu field, which is highlighted with a red border in the image.

#### Watermark

Select a watermark from the **Watermark** field to add it to the copyrights statement.

As part of this feature, the procedure for configuring obtrusive copyrights for boilerplate copyrights statements was aligned to match the procedure for custom copyrights statements. To configure obtrusive copyrights for boilerplate copyrights statements, edit the copyrights statement and select the Obtrusive checkbox.

Copyrights Statements

ID: 2813283720000011

Name: Attribution 4.0 International (CC BY 4.0)

URI: <https://creativecommons.org/licenses/by/4.0/>

Content: This title is licensed under <a target="\_blank" href="https://creativecommons.org/licenses/by/4.0/deed.en">Attribution 4.0 International (CC BY 4.0) License</a>.

**Obtrusive**

Watermark: \_\_\_\_\_

### Obtrusive Copyrights for Boilerplate Copyrights Statements

Watch the [Alma Digital - Copyright Watermarks for Image Files](#) video (5:16 minutes).

## API Restrictions for Loans and Fees

### December 2021 API

The API restrictions Integration profile enables limiting the get loans API and the GET fees API to specific libraries. It is possible to set the fulfillment API restriction to a specific library or a few libraries.

This refers to the APIs related to the user's activities: Requests, loans, Resource Sharing requests, Fine & Fees.

Integration Profile

API Restriction

General Information | Actions | Contact Info

NOTICE

Connecting an API key to this profile is done as part of API key management in Developer Network

FULFILLMENT

Active:  Active  Inactive

Library: Law, Resource Sharing Library

ACQUISITIONS

Active:  Active  Inactive

Vendor: \_\_\_\_\_

Fund(s) view:  Full  Brief

### Integration Profile

For more information, see: [Working with API Restriction Profiles](#) in the Developer Network.

## Added CDI Group Settings Fields in Electronic Collection API

### December 2021 API

The Electronic Collection API is enhanced to include CDI group settings fields. These fields are: `cdi_collection_id`, `number_of_records_in_cdi`, `cdi_update`, `frequency`, `full_text_linking_in_cdi`, `cdi_newspapers_search`, `provider_coverage`, `resource_types`, `full_text_rights_in_cdi` and `cdi_type`.

For more information, see: [Rest Electronic Collection](#) in the Developer Network.

## Attachments Enabled for Invoice and License API

### December 2021 API

The invoice and license APIs include expand parameters for attachments. A GET API will return the number of attachments

for invoices and licenses.

For more information, see: [Acquisitions](#) in the Developer Network.

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## Add Historical Loans to the getLoans API

### December 2021 API

An option has been added to provide historical loan information in the get Loans API. There are two possible use cases for this option:

- Historical Loans for a User - subject to Anonymization
- Historical loans for an Item

For more information, see: [Users and Fulfillment](#) in the Developer Network.

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## Alma December Additional Enhancements

- **December 2021 Digital Resource Management**

The following labels for the Internet Archive Book Reader and Universal Viewer are now customizable (similar to the Alma Viewer) from **Configuration > Fulfillment > Digital Fulfillment > Alma Viewer Labels**.

- Renew
- Your session will expire in {0} seconds
- Your session has expired
- Time Remaining
- Return Early
- Remaining session time: {0}
- Confirmation Message
- Cancel
- OK
- Zoom in (for IABR)
- Zoom out (for IABR)

- **December 2021 Digital Resource Management**

The Internet Archive Book Reader was updated to the latest version, which provides an enhanced user experience through an improved full text search function, better accessibility, and more.

- **December 2021 Analytics**



### **NERS Enhancement (ID #7421)**

The **PO Line Notes** field was added to the PO Line dimension in the following locations. It contains the notes on the PO line. Multiple notes are separated by a semicolon.

- E-Inventory
- Funds Expenditure
- Physical Items
- Purchase Requests

- **December 2021 Analytics**

The **Expenditures Per Reporting Code - 4th** and **Expenditures Per Reporting Code - 5th** reports were added to the Reporting Code tab of the Acquisitions dashboard as pie charts and to the table:



Expenditures Per Reporting Code - 4th and Expenditures Per Reporting Code - 5th

- December 2021 Fulfillment - Resource Sharing



**Idea Exchange**

When configured (**Configuration > General > Letters > Letters Configuration > Resource Sharing Request Confirmation Letter**), Rapido now sends a confirmation email when a request is placed. This letter is disabled by default.

**Resource Sharing Request Confirmation Letter**

Dear Sir/Madam,

We would like to inform you that we received your Resource Sharing request. Please see details below:

**Internal Identifier:** 173165590000611  
**Title:** Colombia: what everyone needs to know  
**Chapter Title:** Bogota  
**By:** Mahoney, Richard D  
**Format:** Digital  
**Chapter Number:** 1  
**Publication Date:** 2020  
**Request Note:** This is urgent, please rush

Please contact the library with any question

Sincerely

**Confirmation Letter**

For more information, see [Rapido Letters](#).

## Alma December Resolved Issues

- **December 2021 Analytics SF: 00622887 05320828 05707447 05809011 05959895**  
The Loan Note field (**Fulfillment > Loan Details**) did not display data. This was fixed.
- **December 2021 Analytics SF: 00930827 05300458**  
Adding the Cancellation Reason field (**Requests > Request Details**) to a report when run from a Network Zone caused results to be removed. This was fixed.
- **December 2021 Analytics SF: 00993672 05316902 05321556**  
The Analytics Objects List does not display Primo objects when "Analytics Source System=All". This was fixed.
- **December 2021 Analytics SF: 00991055 05325464**  
Alma Analytics reports displayed the wrong day of the week for when API calls were made. This was fixed.
- **December 2021 Analytics SF: 05299461 05312706 05321225**  
Analytics reports using the fields from **Users > Phone Number** did not display all of the phone number data. This was fixed.
- **December 2021 Analytics SF: 00991462 05326461**  
The Reading List Owner fields displayed duplicate values. This was fixed.
- **December 2021 Analytics SF: 05304025**  
The Display Value field (**Local Authorities > Local Authorities Details**) displayed only a maximum of 50 characters. This was fixed.
- **December 2021 Analytics SF: 05304115**  
The Creator field (**Local Authorities > Local Authority Details**) could display only a maximum of 10 characters. This was fixed and expanded to 255.
- **December 2021 Acquisitions SF: 05298976**  
Changing the POL to **In Review** status is not recorded in the history tab. This was fixed.
- **December 2021 Acquisitions SF: 00834450 05329907**  
New order import profile not creating inventory or PO lines and Alma unable to handle Fund Percentages with decimal points. This was fixed.
- **December 2021 Acquisitions SF: 00951564 05301501 05319321**  
When updating the reporting code on a POL, the old behavior would have update the new reporting code for all fund transactions associated to the POL from all the Fiscal Periods. Now after the fix, the user will only see two rows in the **transaction changes** in the POL (and not see multiple rows for updates from previous FP). Row one will present indication that the original transaction is deleted and row two will indicate that the fund transaction was created again with the same values it had before and the updated reporting code.
- **December 2021 Acquisitions SF: 05299768 05303268**  
ISBN was missing from EDI order message when creating an additional order for a portfolio with type **License Upgrade**. This was fixed
- **December 2021 Acquisitions SF: 00939062 05300264 05300765 05301595 05333276**  
PO Line - Packaging failed when Packed by fund = "true" and some PO Lines did not have funds. This was fixed.
- **December 2021 Acquisitions SF: 00932366 05307782 05317903**  
Activate resource in update inventory profile did not sent letter to interested users. This was fixed.
- **December 2021 Acquisitions SF: 00956862 05430071 05321805 05324479 05323661 05399434 05322356 05323766 05757683 05301771 05324451 05754904 05317625 05323806 05323593 05317152 05322309 05323707 05301616 05301633 05301777 05317325 05322482**  
**Received Items List** displays empty instead of showing the ordered item (happens infrequently only for some users). This was fixed.
- **December 2021 Acquisitions SF: 05325169**  
Unable to enter content into **Invoice reference #** field by EDI messages. The field **Invoice reference #** is now populated.



- **December 2021 Acquisitions SF: 00985003 05312422 05316845**  
Job report of **ERP import job** states "Total number of files 0" even though a file was retrieved from the FTP and the invoice payments from the file were processed. This was fixed.
- **December 2021 Acquisitions SF: 05300568 05310820 05319334 05322395**  
Incorrect year values in **Monthly Usage Data Tab**. This was fixed.
- **December 2021 Acquisitions SF: 00934846 05322413 05719723**  
It was not possible to change the Owner of Standing Order type of PO Lines. This was fixed.
- **December 2021 Fulfillment SF: 05332205**  
Previously, in specific cases, multiple rows appeared in loan history when an item on hold shelf was loaned via Self-Check, No Block = Y. This was fixed.
- **December 2021 Fulfillment SF: 00916543 05299166 05299240**  
Borrowing request with FN partner would stay open and the Hold request appears as **not started** at the patron level when the item was actually loaned to the patron at the lender's desk. This was fixed.
- **December 2021 Fulfillment SF: 05320706 05324329**  
Previously, in specific cases, Overdue and Lost Loan notifications were not sent to all loan. This was fixed.
- **December 2021 Fulfillment SF: 05314337**  
Some labels in tab **Work Order Department** edit page were not translated. This was fixed.
- **December 2021 Fulfillment SF: 05308406**  
In certain circumstances, the **Maximum Overdue Block Period** was not being calculated as expected. This was fixed.
- **December 2021 Fulfillment SF: 06022575 06022575**  
Read RFID" Hotkey (Alt+A) is not working in Alma. This was fixed
- **December 2021 Fulfillment SF: 00886607 05332051**  
Adding a message in the Alma UI failed to create the lost fine for an item due to the Replacement cost with a comma as decimal separator. This was fixed.
- **December 2021 Fulfillment SF: 00965159 05319388**  
When a loan was not renewed automatically since automatic renewal rules did not apply or since the loan was a resource sharing loan, the **Renew Status** field in the Courtesy Notice incorrectly showed "Renewed Successfully". This was fixed. The Renew Status field in these cases will now show "The loan cannot be renewed automatically".
- **December 2021 Fulfillment SF: 00963437 05319182**  
Reading Room items sometimes did not appear in the Activate Next tab in the Expired Hold Shelf page when they should have. This was fixed.
- **December 2021 Fulfillment SF: 00956687 05399228**  
When booking requests had no available item to be placed on the shelf at the time of the preview period, no indication was given as to why they are not in pick from shelf. A note was added to the request to explain that the request will re-attempt to activate at the booking request start time.
- **December 2021 Fulfillment SF: 00881600 05332763**  
Staff Digitization Requests could only be created with an institution level Fulfillment Services Operator/Manager role. Now this can be done also when the role is a library level role.
- **December 2021 Fulfillment SF: 00983079 05319399 05320863 05792113**  
In specific cases, after the create request ran the "Recalculate after Inventory Update" job, the **Send Requests to Remote Storage** job completes with errors. This was fixed.
- **December 2021 Fulfillment SF: 05303744**  
It was previously not possible to set Czech as the default language used for system messages generated by Alma's SIP2 protocol since Czech was not supported. This was fixed.
- **December 2021 Fulfillment SF: 05302006 05333347**  
When using Open Athens proxy, none of the integrations profiles related to Open Athens were constructing the end URL correctly, therefore not working. This was fixed.
- **December 2021 Fulfillment-Resource Sharing SF: 05318958**  
When trying to renew a borrowing request, **Request Renew**, and the request has multiple items loaned to the patron, an error was received. This was fixed.
- **December 2021 Fulfillment-Resource Sharing SF: 00969104 05320559**  
**Send Overdue Message to Resource Sharing Borrowing Partner** job failed in some cases due to corrupted data.

This was fixed.

- **December 2021 Fulfillment-Resource Sharing SF: 05299168**  
In some cases, submitting a resource sharing request in Primo after form validation failed would display an error message even though the form was valid. This was fixed.
- **December 2021 Fulfillment-Resource Sharing SF: 05302565**  
When un-checking the **Is resource sharing library** for an institution, an error message was displayed. The "Resource Sharing Information" section is relevant only for libraries and was removed from the Institution configuration.
- **December 2021 Fulfillment-Resource Sharing SF: 05321145**  
Occasionally, a BLDSS (British Library) partner failed to register the located bldss\_id. Hence, failing to send the request to the lender upon a positive sending request rule. This was fixed.
- **December 2021 Fulfillment-Resource Sharing SF: 05316578**  
The item arrival date was not being populated when document delivery was sent to the borrower as a link (Alma to Alma). This was fixed.
- **December 2021 Fulfillment-Resource Sharing SF: 05325354**  
Alma's status report, when used with ISO 18626, would create a confusing note with some hardcoded XML text. The confusing note element was removed from the messageInfo for "Status Request Response" message of ISO18626 profile.
- **December 2021 Resource Management SF: 00873634 05331165 05402082**  
Changing the date range for Reminders and then clicking Enter, resulted in returning to the previous page. This was fixed.
- **December 2021 Resource Management SF: 00956225 05371738 05355385 05355247 05324050 05323569 05321456 05314465 05312694**  
In some cases, when a member institution updated a network Bibliographic record, the local (linked) Bibliographic record was not updated. This was fixed.
- **December 2021 Resource Management SF: 00928196 05299568 05321287**  
Performance issues occurred when duplicating or updating items, if a holding has more than 1000 items. Performance was improved.
- **December 2021 Resource Management SF: 05317387**  
A user could edit physical items from the task list of one of the work order departments, even if they had no Physical Inventory Operator role for the library. This was fixed. Access to items without having a proper role is now restricted.
- **December 2021 Resource Management SF: 00994025 05321495 05332666**  
When a BIB record has several holdings records, and one of them has a large number of items (e.g. more than 2,000), it took a very long time to duplicate an item from the Items List of one of the other holdings (with a small number of items). This was fixed.
- **December 2021 Resource Management SF: 05306429**  
Physical Item Editor: a redundant pop-up appeared upon save for items with no material type associated with a work order. This was fixed.
- **December 2021 Resource Management SF: 05317762 05391376**  
Holdings records list: the "Relink" option was not displayed for holdings record entry even if the record was not locked. It happened because the customer parameter "working\_copy\_lock\_timeout" wasn't taken into account. This was fixed.
- **December 2021 Resource Management SF: 05300538**  
Portfolio Group Display in Search Results was looking messy when many groups with coverage existed. This was fixed.
- **December 2021 Resource Management SF: 05319585 00965064**  
Bibliographic records contributed to the Community Zone kept 856 \$\$u fields. This was fixed. On contributing bibliographic records, 856 fields will be removed from the bibliographic record.
- **December 2021 Resource Management SF: 05325434 00989845**  
In some cases, Export Electronic Portfolios job processed deleted portfolios. This was fixed.
- **December 2021 Resource Management SF: 00993999 05320851 05324609 00993999**  
Update in Community > Collection Contribution job failed with "Error during electronic collection preparation, Please contact Exlibris: java.lang.NullPointerException" error. This was fixed.
- **December 2021 Resource Management SF: 00962079 05319018**  
In the IABR Viewer, fulltext searching did not work properly. This was fixed.

- **December 2021 Resource Management SF: 00984948 05317119 00984948**  
Displaying digital files with large fulltext did not work. This was fixed.
- **December 2021 Resource Management SF: 00953556 05300576**  
When a record was opened from the collection display with the Quick Access Viewer, the full display overlay had overlapping windows. This was fixed.
- **December 2021 Resource Management SF: 00977658 05316596 00977658**  
The Alma Viewer download button did not work properly. This was fixed.
- **December 2021 Resource Management SF: 05324855 00988219**  
The import profile to import digital titles was matching on deleted records. This was fixed.
- **December 2021 Resource Management SF: 05302769**  
The "Report set of titles to change log" internal job was displayed. This was fixed.
- **December 2021 Resource Management SF: 05300519 00948492**  
A third-party library was overwriting the LDR/10 value, since it is a non-standard use of the field. This has been fixed.
- **December 2021 Resource Management SF: 00969221 05320602 05376581 00969221**  
Publishing of BIB records with Linked-Data enrichment has failed to include records in some cases in the output files. This was fixed.
- **December 2021 Resource Management SF: 00962748 05319261 00962748**  
The publishing job failed every time it ran because of an error when trying to convert a faulty record to binary format. This was fixed. The fix will prevent the job from failing in this case, but note that the record will be skipped.
- **December 2021 Resource Management SF: 00883278 05332468 00883278**  
Add Members to Set jobs had no End Date even though they completed successfully. The was fixed.
- **December 2021 Resource Management SF: 05324101 00986393**  
MARC21 044 Field does not Affect 'Country of Publication' Search. This was fixed. In the July 2021 release we introduced an improvement in the "Country of Publication" index. Instead of being searchable by code only, it was enhanced to suggest a list of countries' names. The list is representing the standard codes for MARC21 and UNIMARC. This improvement blocked the option to search by non-standard codes. In order to support both standard list and non-standard codes, we added the former advanced search option "country\_of\_publication". This option is \*disabled\* by default. In order to configure it, please browse the Search Indexes mapping under Configuration > Resources. The list-based index is kept enabled in this mapping under the key "country\_of\_publication\_new".
- **December 2021 Resource Management SF: 00995654 05322025 00995654**  
Confusion was created by search index "Electronic Collection PID", when elsewhere in Alma it is called "Electronic Collection ID" or "Collection ID". This was fixed. Search index "Electronic Collection PID" was changed to "Electronic Collection ID".
- **December 2021 Resource Management SF: 05304651 01000231**  
Default SOLR collation for locale="It" was sorting some characters as equivalent, when they should have been ordered (for example, e < ě < è). This was fixed. A custom sort configuration was added to correct this. Re-indexing is required both Full Indexing Job and Full Inventory Indexing Job.
- **December 2021 Resource Management SF: 05326264**  
The creating\_job\_id index was redundant. This was fixed. The index was removed from the search options.
- **December 2021 Resource Management SF: 00859569 05332641 00859569**  
New Metadata Editor: MARC21 Profile - field 650 showed "Level of subject" instead of "SUBJECT ADDED ENTRY--TOPICAL TERM". This was fixed. An incorrect description of field 650 was set back to "SUBJECT ADDED ENTRY--TOPICAL TERM".
- **December 2021 Resource Management SF: 05300389 05300593 05318216 05729084**  
New Metadata Editor: When using "Expand from Template", it was not focusing automatically on the Template search box. This was fixed.
- **December 2021 Resource Management SF: 05301794 05303563 00953521**  
New Metadata Editor: Copy, Paste, and Cut actions via the Editing menu worked only if the text in the field was not highlighted and the actions were on the field level. This was fixed. The Copy, Paste, and Cut menu actions labels changed to Copy Field, Paste Field, and Cut Field.
- **December 2021 Resource Management SF: 05301385 00948997**  
After running record enhancement process from Happiness Metadata External Enhancement, the record became unsuppressed. This was fixed.

- **December 2021 Resource Management SF: 05319434 00965563**  
New Metadata Editor: Users were experiencing slow response and performance. This was improved.
- **December 2021 Resource Management SF: 05303897 05317632 05319706 05333270 00938109**  
New Metadata Editor: Changing the template name when doing 'Expand from template' put wrong data into the bibliographic record. This was fixed.
- **December 2021 Resource Management SF: 05319459**  
New Metadata Editor: The notification regarding bib heading linking attempt was unclear and unneeded. The notification was removed. Upon saving actions, only successful/error message will be displayed.
- **December 2021 Resource Management SF: 00962442 05301979 05302704 05319168 00962442**  
Metadata Editor: When opening a CZ Authority or Bibliographic record in view mode, and then editing it, an error message appeared. This was fixed.
- **December 2021 Resource Management SF: 05302765 00973482**  
New Metadata Editor: When there's an ampersand in the title, opening that bib record in view more (locked by another user), the title displayed '& and cut off the title. Also, "Locked by" information was not displayed. This was fixed.
- **December 2021 Resource Management SF: 05302601**  
New Metadata Editor: When switching from Physical Item editor to Browse Shelf Listing, the fields "library" and "location" weren't pre-filled like in the classic Metadata Editor. This was fixed.
- **December 2021 Resource Management SF: 00980368 05303328 05316890 05321231 05325353 00980368**  
New Metadata Editor: Users were experiencing slow response and performance. This was fixed.
- **December 2021 Resource Management SF: 05317583 00984342**  
Metadata Editor: 010 field displayed '#' sign instead of blank, after the record was edited in Metadata Editor. The issue was fixed.
- **December 2021 Resource Management SF: 05319757 00966277**  
Metadata Editor: It was impossible to add fields to a template without control fields. This was fixed.
- **December 2021 Resource Management SF: 05326650**  
Authority Management: In some cases, a local authority vocabulary could be created although such vocabulary already existed. This was fixed.
- **December 2021 Resource Management SF: 05323638 05330756**  
If a normalization rule contained a comment preceded by the hash sign, then when it was saved, all comment lines remained except for the comment line which was the first line of the rule. This was fixed.
- **December 2021 Resource Management SF: 00969404 05301889**  
Metadata Editor: Saving a bibliographic record linked to a local authority heading, similar to a CZ authority heading, caused a wrong linkage of the bibliographic record to the CZ authority. This was fixed.
- **December 2021 Resource Management SF: 05307623 00924797**  
Relation from 777 field was displayed as "Contains, Part Of", instead of being displayed as "Issued with". This was fixed.
- **December 2021 Resource Management SF: 05319469 00964856**  
During the contribution process of the authorities, some of the link fields were deleted. This was fixed.
- **December 2021 API SF: 00969199 05320701**  
It was possible for an External User to use the "Reset password" flow, linked from Primo, to create an internal password. This is now prevented.
- **December 2021 API SF: 05751265 05981224 00902622**  
API GET request for holdings does not include the correct suppressed status if the holdings are suppressed in the location level. This was fixed.
- **December 2021 API SF: 05314897 00911147**  
When creating a PO line of type OTHER\_SERVICE\_OT via API, the PO line is create without a title. This was fixed.
- **December 2021 API SF: 05322649 00959203**  
It wasn't possible to waive a fine in the status 'In dispute' using an API. This was fixed.
- **December 2021 API SF: 00996022 05322051**  
When trying to create a PO Line from API for a portfolio that is part of a collection and the portfolio links to a non existing PO Line, an error message is displayed. This was fixed and now Alma will ignore the non-existing PO Line and replace it by the newly created one.

- **December 2021 API SF: 05314181 00906578**  
E-Collection Quick Update Cloud App failed to update the notes field for certain collections. This was fixed.
- **December 2021 Administration and Infrastructure SF: 00953419 05301860**  
Receiving a Borrowing request used to show the original cost to a patron fee amount, even though it was already paid. In such a case, it also updated the remaining balance of the fee. This was fixed.
- **December 2021 Administration and Infrastructure SF: 00956129 05323759 05326943**  
Integration with WPM Online Payment System required a minimum amount of £1. Per WPM technical recommendation, the minimum amount to be sent and validated by Alma is now set to 0, allowing payments of less than 1 .
- **December 2021 Administration and Infrastructure SF: 05331217 00861895**  
Exporting users failed due to an intermittent issue. This was fixed by using new method of exporting files.
- **December 2021 Administration and Infrastructure SF: 00959964 05322671**  
When the "Record Last Patron Activity Date" feature was enabled, whenever a user performed a patron activity the "Last updated on" field in the user's record was incorrectly updated. This was fixed. Now the "Last updated on" field does not change when a patron activity is performed.
- **December 2021 Administration and Infrastructure SF: 05323779 00957720**  
Centralized User Management update failed on some rare occasions. This was fixed.
- **December 2021 Administration and Infrastructure SF: 05300778**  
The Update/Notify Users job had a wrong tooltip for the Purge date parameter. This was fixed.
- **December 2021 Administration and Infrastructure SF: 00970179 05302055**  
Reset-PW URL didn't work after an attempt to set a password that is too short. This was fixed.
- **December 2021 Administration and Infrastructure SF: 05321178**  
The type of an address created via Primo was previously chosen randomly from the possible types for the specific user record type. Now the type can be set by support to one of home/work that will take affect to a new address set from Primo My Account/Library Card.
- **December 2021 Administration and Infrastructure SF: 05307748 00933576**  
Validation process for CZ contributions did not remove CNO fields. This was fixed. On contributing bibliographic records to the Community Zone, CNO fields will be removed from the bibliographic record.
- **December 2021 Administration and Infrastructure SF: 00954328 05301776**  
The total reading list in the Widget doesn't match with the reading list task. This was fixed
- **December 2021 Administration and Infrastructure SF: 00988771 05530585**  
Branding Management screen jumped and options "Load your new Login page logo file" and "Load your new email logo file" disappeared when a large image was uploaded. This was fixed.
- **December 2021 Administration and Infrastructure SF: 05326540 00992184**  
Hardcoded tabs' shortcuts were preventing scanners and RFID readers to work when keyboards are in alt mode. This was fixed.
- **December 2021 Fulfillment-Course Reserves SF: 00985753 05317443 05324613**  
Purchase requests failed when there was an '&' character in the academic department. This was fixed.