



# Alma February 2022

## Release Notes

## CONFIDENTIAL INFORMATION

The information herein is the property of Ex Libris Ltd. or its affiliates and any misuse or abuse will result in economic loss. DO NOT COPY UNLESS YOU HAVE BEEN GIVEN SPECIFIC WRITTEN AUTHORIZATION FROM EX LIBRIS LTD.

This document is provided for limited and restricted purposes in accordance with a binding contract with Ex Libris Ltd. or an affiliate. The information herein includes trade secrets and is confidential.

## DISCLAIMER

The information in this document will be subject to periodic change and updating. Please confirm that you have the most current documentation. There are no warranties of any kind, express or implied, provided in this documentation, other than those expressly agreed upon in the applicable Ex Libris contract. This information is provided AS IS. Unless otherwise agreed, Ex Libris shall not be liable for any damages for use of this document, including, without limitation, consequential, punitive, indirect or direct damages.

Any references in this document to third-party material (including third-party Web sites) are provided for convenience only and do not in any manner serve as an endorsement of that third-party material or those Web sites. The third-party materials are not part of the materials for this Ex Libris product and Ex Libris has no liability for such materials.

## TRADEMARKS

Ex Libris, the Ex Libris logo, Alma, campusM, Esploro, Leganto, Primo, Rosetta, Summon, ALEPH 500, SFX, SFXIT, MetaLib, MetaSearch, MetaIndex and other Ex Libris products and services referenced herein are trademarks of Ex Libris, and may be registered in certain jurisdictions.

The absence of a name or logo in this list does not constitute a waiver of any and all intellectual property rights that Ex Libris Ltd. or its affiliates have established in any of its products, features, or service names or logos.

Trademarks of various third-party products, which may include the following, are referenced in this documentation. Ex Libris does not claim any rights in these trademarks. Use of these marks does not imply endorsement by Ex Libris of these third-party products, or endorsement by these third parties of Ex Libris products.

Oracle is a registered trademark of Oracle Corporation.

UNIX is a registered trademark in the United States and other countries, licensed exclusively through X/Open Company Ltd.

Microsoft, the Microsoft logo, MS, MS-DOS, Microsoft PowerPoint, Visual Basic, Visual C++, Win32,

Microsoft Windows, the Windows logo, Microsoft Notepad, Microsoft Windows Explorer, Microsoft Internet Explorer, and Windows NT are registered trademarks and ActiveX is a trademark of the Microsoft Corporation in the United States and/or other countries.

Unicode and the Unicode logo are registered trademarks of Unicode, Inc.

Google is a registered trademark of Google Inc.

iPhone is a registered trademark of Apple Inc.

---

## Alma February 2022 Make the Most

---

### Make the Most of February's Release

#### Action Items

- ☐ [Fulfillment Library Independence](#) - Fulfillment Library Independence supports better separation of private fulfillment data between multiple libraries that are grouped in an Alma institution.

---

### Upcoming Issues to Note

---

#### Sandbox Refresh

As a reminder, premium sandboxes will be updated in February according to [Alma's premium sandbox refresh policy](#).

---

### 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)

---

## 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.

---

## Alma Roadmap Highlights

The next version of the Alma Roadmap Highlights document will be published in January 2022.

---

## March Release Sneak Preview

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

---

## Alma February 2022 Main Stories

---

### Fulfillment Library Independence

#### February 2022 Fulfillment



##### Idea Exchange

Fulfillment Library Independence supports better separation of private fulfillment data between multiple libraries that are grouped in an Alma institution, for instance:

- Small Universities or other organizations that are grouped into a single Alma institution
- Independent colleges that are part of a single institution
- Institutions that are organized as independent campuses

Maintaining a single Alma institution but still enabling greater independence of the libraries correctly balances the requirement for a single Alma institution with the need of the libraries to maintain their independence. The Fulfillment Library Independence enables separating fulfillment activities in one of two models:

#### 1. The Full Fulfillment Independence Model

This model restricts fulfillment data access at the highest degree, enabling access to patrons' fulfillment activity only to staff with required roles in the owning library of the resource. For example, in this model circulation desk operators at a library have access to patrons' loans information only if the loaned item belongs to the circulation desk operator's scoped library.

#### 2. The Partial Fulfillment Independence Model

This model balances the patrons' privacy with giving them the best service experience. It is similar to the Full model in all aspects, except that it gives more liberal access to the pickup library's staff, as they are the ones who are in direct contact with the patron and need access to the relevant fulfillment data in order to provide better services. For example, in this model circulation desk operators at a library have access to patrons' loans information not only for loans of items that belong to the circulation desk operator's scoped library but also to loans that are picked up at the circulation desk operator's scoped library.

For more information, see [Fulfillment Library Independence](#) as well as [this recording from the Jan. 18<sup>th</sup> webinar](#).

---

## Job Category Added as Input Parameter for Borrowing Resource Sharing Rule

#### February 2022 Fulfillment-Resource Sharing



##### Idea Exchange

Alma has enhanced its borrowing resource sharing rules to include **Job Category**. When adding a fulfillment rule of type

**Borrowing Resource Sharing**, the input parameter options include *Request Format*, *Resource Sharing Partner*, *User Group*, and **Job Category**. Previously, resource sharing requests could not use the same kind of identifying data in the patron record as was possible for local requests. The enhancement enables the same pickup and delivery options for both locally held items and for resource sharing requested items.

#### Input Parameters - Resource Sharing Fulfillment Units

## Enhancements to the PO Line Pricing Section

### February 2022 Acquisitions



#### Idea Exchange

Two new elements were added to the PO line's **Pricing** section:

1. **Update Net Price according to item quantity** (relevant only for physical PO lines) checkbox reflects the number of ordered items within the **Quantity for pricing** field. When the checkbox is enabled, the **Quantity for pricing** amount is updated automatically once the user adds/removes items, and as a result, the **Net Price** field is also updated.

The **Update Net Price according to item quantity** checkbox is enabled by default when creating new PO lines. If you want to disable this checkbox by default for newly created PO lines, go to; **Configuration menu > Acquisitions > Other Settings** and customize the `po_line_quantity_updated_with_items_number` parameter and set it to **False**.

PO lines created via EOD/API do not have the new checkbox enabled by default.

#### PO Line Pricing Section

##### Note

When creating a new PO line using a template, the **Automatically update price to quantity of item(s)** checkbox is enabled by default.

2. **Discount (amount)** field - this field enables users to insert a specific discount amount which is automatically

calculated and reflected in the **Discount (%)** field.

Alma always looks at the **Discount (%)** field in order to reflect the actual **Net Price**. When a user populates the **Discount (amount)** field, a 0.01 difference between the net price and the list price may occur.

Watch the [Enhancements to the PO Line Pricing Section](#) video (2:25 minutes).

---

## Clickjacking Protection

### February 2022 Administration and Infrastructure

**Clickjacking** is an attack that tricks users by showing them an innocuous page that includes real controls from sensitive pages. These controls are disguised through the use of background frames that mask off everything except the control, so that the user cannot tell that they are actually clicking on a sensitive function in some other website. This can cause users to unwittingly download malware, provide credentials or sensitive information.

To prevent clickjacking via Ex Libris products, Ex Libris has adopted a policy-based mitigation technique. Now institutions can instruct the browser about appropriate actions to perform if their site is included inside an iframe.

---

#### Note

To enable this functionality, contact Ex Libris Customer Support.

---

See [Preventing Clickjacking](#).

---

## Flexible Scheduling Options For Automatic Upload Of Electronic Holdings Jobs

### February 2022 Resource Management

To ensure the stability of "Upload Electronic Holdings API calls to Providers", more scheduling options are added to Upload Electronic Holdings jobs of Ovid, Elsevier, and Springer.

Schedule of existing Upload Electronic Holdings jobs is changed randomly to ensure distribution of the API calls to Providers - No action is required.

---

## Configuring Browse Bibliographic Headings and Selection Display

### February 2022 Resource Management

Previously, the mapping of subfields of bibliographic headings was pre-defined by Ex Libris for all institutions, and could not be modified. Now the ability to configure the display and sorting values for bibliographic headings was added, so that each institution can define its own mapping, based on the pre-defined mapping provided by Ex Libris out-of-the-box. This helps librarians that are browsing through bibliographic headings to see the information they find relevant for their institution.

For example, out-of-the-box, the heading type "Names", source code "Personal Name" is mapped to MARC21 field 100 \$\$a-d. Now institutions can modify that mapping to other subfields as they find relevant, for example, field 100 \$\$a-d,q.

---

#### Note

Currently, this functionality exists for MARC21 only. It will be released for UNIMARC / CNMARC profiles in upcoming releases.

To support this ability, a new configuration table **Bibliographic Headings Display Subfield Mapping** was added to the configuration of the bibliographic profiles. This table shows the out-of-the-box values and the mapping that is currently implemented for the institution and enables the institution to define a new mapping of subfields.

The screenshot shows a 'Mapping Table' interface with a table of subfield mappings. Red boxes and arrows highlight specific columns and their relationships.

| Field | Heading Type | Source Code | OTD Subfields  | Current Subfields | New Subfields | Updated By | Last Updated |
|-------|--------------|-------------|----------------|-------------------|---------------|------------|--------------|
| 1     | 100          | Names       | Personal Name  | a-d               | a-d           | -          | -            |
| 2     | 600          | Names       | Personal Name  | a-d-f-l-v-z       | a-d-f-l-v-z   | -          | -            |
| 3     | 700          | Names       | Per            | a-d               | a-d           | -          | -            |
| 4     | 110          | Names       | Corporate Name | a-d-g             | a-d-g         | -          | -            |
| 5     | 610          | Names       | Corporate Name | a-d-f             | a-d-f-l-v-z   | -          | -            |

Annotations in the image:

- A red box around the 'OTD Subfields' column is labeled 'Out-of-the-box configuration'.
- A red box around the 'Current Subfields' column is labeled 'Current configuration of your institution taken from "New Subfields" column after the indexing job runs'.
- A red box around the 'New Subfields' column is labeled 'Populate this column with new values as needed'.

## Note

This functionality is disabled by default. To configure it in coordination with your institution, contact Ex Libris Customer Support.

See [Configuring Browse Bibliographic Headings and Selection Display](#).

## Advanced Physical Holdings Search

### February 2022 Resource Management

Following the introduction of the Physical Holdings search in Alma (in [November 2021](#) release), now the advanced search is available as well for this search option.

The Advanced Physical Holdings search works similarly to the existing advanced search for other types of searches, but it is based on a new concept of condition-writing using a query builder, which offers a more convenient and user-friendly user interface, and the ability to easily write complex queries.

The screenshot shows the 'Physical holdings' search interface. It includes a search bar with 'Physical holdings' and 'Keywords' selected. Below the search bar, there is a 'Search in:' dropdown set to 'Physical holdings'. A search condition is being built: 'Title: Accompanying' with a dropdown menu open showing options like 'Title', 'Holdings', 'Physical item', 'Barcode', 'Base status', 'Call Number Type', 'Chronology I', 'Chronology J', and 'Chronology K'. To the right of the condition, there is a 'Contains Keyword...' dropdown and an 'Enter a value' input field.

See [Using Advanced Search](#).

Watch the [Advanced Physical Holdings Search](#) video (1:57 minutes).

---

## GND Profile Updates

### February 2022 Resource Management

Some changes were introduced to the GND format:

- In the following 7XX fields, new subfields were introduced: 710 \$\$i,4, 750 \$\$i,4, 751 \$\$i,4.
- A variety of other changes and additions were introduced, that are the outcome of a process of coordination amongst the various member institutions of the Alma GND User Group. All these changes concern CVs.

The new version of the XML profile will become available when the format change of the German National Library comes into effect on February 8th 2022.

---

## Display Collection Path Now Available for All Viewers

### February 2022 Digital Resource Management

The display collection path feature that was added in January for the Alma Viewer is now available for the Universal Viewer and Internet Archive Book Reader viewers as well. To support this feature, the Display Collection Path checkbox is now located on the Discovery Interface Display Logic – Other Settings page (**Configuration > Fulfillment > Discovery Interface Display Logic > Other Settings**):

Other Settings Save

Enable Display of License Information ☐

Enable Display of Access Model ☐

Include Representation services in link resolver statistics ☐

Enable Delivery Login ☐

Max. Number of Representations in ViewIt

Order of ViewIt Services

Group Representation Delivery Services by

Delimiter for Grouping Repeated Delivery Metadata

Use Primo Metadata Fields for Delivery ☐

**Display Collection Path in Viewer ☐**

Find GetIt services based on standard identifiers only ☐

#### Display Collection Path in Viewer

Select the **Display Collection Path in Viewer** checkbox to display the collection path at the bottom of the Descriptive Information pane for all viewers. Selecting the path opens Primo's collection page in a new tab.

---

## Exempt Specific User Groups from Controlled Digital Lending Restrictions

### February 2022 Digital Resource Management

You can now add additional rules to an access rights policy that has a concurrent usage (Controlled Digital Lending) access rights rule. This allows you to configure the concurrent users restriction to apply to only specific patrons. For example, you can configure a user group rule to allow patrons with print disabilities to access a digital representation without concurrent usage restrictions, but apply the concurrent usage restriction to all other users. The access rights rule that allows free access must be placed before the concurrent usage rule to implement this functionality.

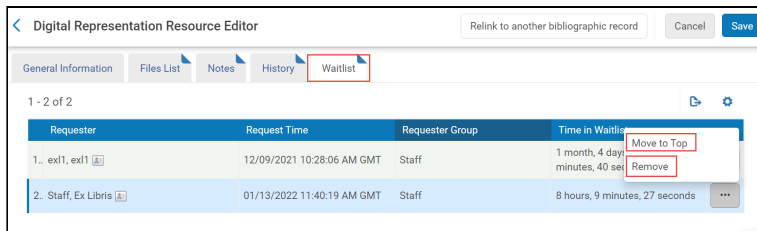
Watch the [Exempt a User Group from Controlled Digital Lending Waitlist](#) video (1:48 minutes).

## Manage Patron Waitlist in Alma

### February 2022 Digital Resource Management

You can now view a list of the patrons in a waitlist for a representation and remove them from the waitlist or move them to the top.

To support this feature a **Waitlist** tab now appears in the Digital Representation Editor for a representation with an active waitlist. Select the tab to display a list of the patrons in the waitlist:



#### Waitlist Tab

Select the row action **Remove** to remove the patron from the waitlist and **Move to Top** to make the patron next in line for the resource.

## Data Visualization Projects Now Available as Analytics Objects

### February 2022 Analytics

Data Visualization allows you to create visualizations of your data, which can be critical in interpreting it when decisions need to be made or the amount of data is overwhelming.

You can now add data visualization projects as analytics objects. To do this, select **Data Visualization Project** from the Type drop-down list when adding analytics objects (**Analytics > Analytics Objects > Analytics Objects List**).

Alma Analytics Object

General Information

Title \*

Analytic Folder \* Alma/API Usage/Dashboards

Name \* API Usage

Type \* Data Visualization Project

Description

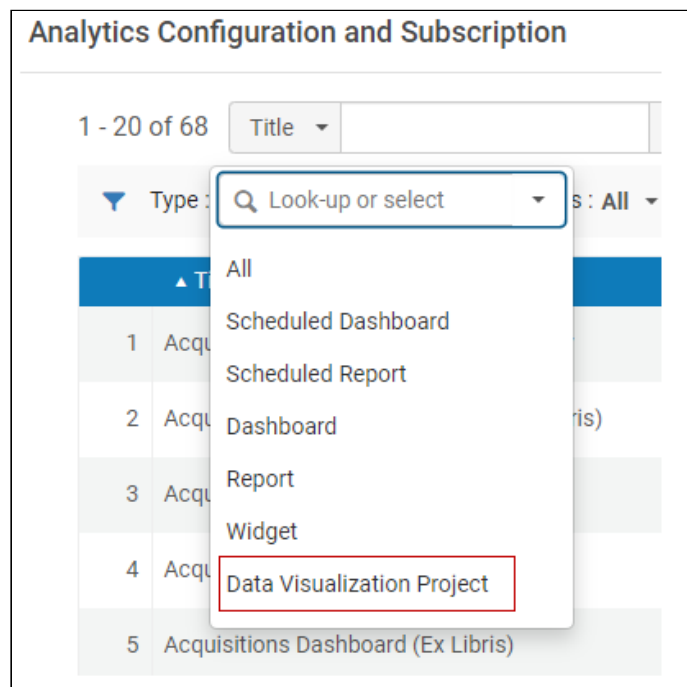
#### Data Visualization Analytics Object Type

The object is visible under the Data Visualizations section when selecting Analytics.



## Data Visualizations

In addition, you can now filter the list of analytics objects by **Data Visualization Project**:



### Filter By Data Visualization Projects

For more information about how to use Data Visualization, see [An Introduction to Alma Analytics Data Visualization \(DV\)](#).

---

## Record IP Addresses for Failed Alma Logins

### February 2022 API

Institutions can now use an API to generate a report that indicates the IP addresses for users that failed to login to Alma.

---

#### Note

Failed login will register only when the password is internal (in ExLibris IdP).

---

For more information, see: [Retrieve Staff Login Report](#) in the Developer Network.

## Alma February 2022 Additional Stories

- **February 2022 Digital Resource Management**

Navigation arrows were added to the Alma Viewer for images displayed in Full Screen mode to allow you to navigate between the images of a representation.

- **February 2022 Analytics**

The **Permanent Call Number** field was added to Titles > Title Details. (It already exists at Physical Items > Holding Details). This field displays the call number used to file items on the shelves of the library.

In addition, the **Permanent Call Number** column was added to all tabs of the Title Level Overlap Analysis dashboard that display physical items.

- **February 2022 Analytics**



**Idea Exchange SF: 05795758 06219084**

The **Renewal Note** field was added to the PO Line dimension for every subject area in which it appears. It displays the note of the PO line renewal for continuous orders.

---

## Alma February 2022 Resolved Issues

- **February 2022 Acquisitions**  
When removing PO Line from a Purchase Order (PO) and the PO is empty (has no more POLs in it), the PO would be stand-alone. This was fixed and now the PO is deleted in these scenarios.
- **February 2022 Acquisitions SF: 05299641**  
Error message displayed while manually packaging PO lines. This was fixed.
- **February 2022 Acquisitions SF: 05323269**  
PO number not available in PO Line Cancellation notice. This was fixed by adding the PO to the PO Line XML that is used by the cancellation letter.
- **February 2022 Acquisitions SF: 05314180**  
Search in Receive New Material and Receiving Department does not always work. This was fixed by moving the index of receiving to SOLR. This issue requires setting the Oracle Text to be ignored and execution of PO Line to full indexing.
- **February 2022 Acquisitions SF: 05301660**  
There was an exception when trying to close an E-Collection PO line from a Network Zone. This was fixed.
- **February 2022 Acquisitions SF: 05322624 06045024 06219895**  
Expenditure calculated with explicit ratio was rounded incorrectly. This was fixed.
- **February 2022 Acquisitions SF: 06024757 06035856 06036325 06037767 06050126 06051129 06051585 06209052**  
Tasks did not display Invoices that are manually created; In Review, Assigned to User, and Owned by User's role scope. This was fixed.
- **February 2022 Acquisitions SF: 06025030**  
When deleting a vendor that is configured for EDI and the EDI job was set to Active and Schedule selected, after deleting the vendor, the EDI Load Files job still appears as activated in the Monitor Jobs > Scheduled tab. This was fixed.
- **February 2022 Acquisitions SF: 05310357 05310710 05311038 05311932 05314842 05314856 05314913 05333222 05340198**  
Monthly usage data duplication - Duplicate rows for the same measurement type. This was fixed.
- **February 2022 Administration and Infrastructure SF: 05320428**  
General hold requests weren't counted in the max physical item requests patron limit and general digitization requests weren't counted in the max digitization requests. This was fixed.
- **February 2022 Administration and Infrastructure SF: 05308983 05331332**  
Fulfillment Network problem: multiple internal accounts linked to one external account. This was fixed.
- **February 2022 Administration and Infrastructure SF: 05302342 05311954 05323790 05327051**  
The SIS synchronization job can now clear the user preferred name fields (preferred first name, preferred middle name, preferred last name) as long as it can modify the contents of these fields (meaning the preferred name field was created or modified by SIS or API (without override). The SIS job can not modify or clear preferred name fields that were set in the UI or by API+ override (this is unchanged).
- **February 2022 Administration and Infrastructure SF: 05319919**  
The Identifiers tab of the User Details page did not show the identifiers notes. This was fixed.
- **February 2022 Administration and Infrastructure SF: 05317160**  
Card renewal fee not translated after patron card is renewed. This was fixed.
- **February 2022 Administration and Infrastructure SF: 05318118**  
In some cases, duplicate linked accounts were created in the same Institution Zone for the same user due to duplicate identifiers. This was fixed. In case a user cannot be copied from a Network Zone due to duplicate identifiers, Alma does not create a linked user but proceeds as no user found.
- **February 2022 Administration and Infrastructure SF: 05321770 06048729**

Translations were missing from a few lines in the Task list. This was fixed.

- **February 2022 Fulfillment SF: 05309604**

Courtesy Letter always sends location values in English, despite the patron's preferred language. This was fixed and locations are now in the user's preferred language.

- **February 2022 Fulfillment SF: 05313238**

Previously, users were unable to export Print Slip Reports in .xlsx format. This was fixed and the .xlsx format has been added to the export options.

- **February 2022 Fulfillment SF: 05298795**

Trailing spaces in the work order type code weren't prevented when adding a new work order type. This was fixed.

- **February 2022 Fulfillment**

When loaning an item from another institution in a fulfillment network, user blocks in the item owner institution did not block the loan. This was fixed. A new customer parameter was added - `override_user_block_in_another_institution` - to control the override option in this case.

- **February 2022 Fulfillment SF: 05320682**

In specific cases when scanning the barcode at a Work Order Department without a specific status, the request was still in the Workflow Step of "Transit Item". This was fixed.

- **February 2022 Fulfillment SF: 05323087**

Requests are displayed incorrectly in the queue when viewing 20 results. This was fixed.

- **February 2022 Fulfillment SF: 05300291**

In specific circumstances, overdue blocks were not being calculated as expected, an extra block day was incorrectly added. This was fixed.

- **February 2022 Fulfillment SF: 05326429**

Expired Circulation Desk roles do not block a user from scanning items at that desk. This was fixed.

- **February 2022 Fulfillment SF: 05307935**

A library appeared as a possible pick-up location on a booking request form in Getit even though there was no Circulation Desk with a hold shelf attached. This was fixed.

- **February 2022 Fulfillment SF: 05316023 05317272 05322310 05424042**

Staff could create requests in Alma for users without a patron role or with expired patron roles and the patron role was added/activated in the process. This was fixed and now placing a request for a user without an active patron role is blocked.

- **February 2022 Fulfillment SF: 05327860**

No alert/warning was received by staff for digitization requests with no approval. This was fixed. An informative message to warn staff is now added in Alma.

- **February 2022 Fulfillment SF: 05301031**

"Request expired" cancellation reason was not listed in the monitor request workbench. This was fixed.

- **February 2022 Fulfillment SF: 06036113**

Requests in some workflow statuses were not sent correctly in the request report. This was fixed. The following requests are now reported as such in the process: "Hold Shelf Processing", "Waiting for Remote Storage", "Request Communicated to Storage".

- **February 2022 Fulfillment SF: 05301118 05315248**

Partner code was missing from the ResourceSharingReturnSlipLetter XML data that was needed for the shipping process of physical items. This was fixed by adding partner code to XML ResourceSharingReturnSlipLetter and FulResourceRequestSlip Letter.

- **February 2022 Fulfillment SF: 05311642 05319297 05323683 05331480**

The subject of the FulOutgoingEmailLetter and FulCancelEmailLetter was not translated at the language interface. This was fixed.

- **February 2022 Fulfillment SF: 05333002**

To avoid mistakes on requests destination of PSB anonymization, the following RS partner parameters were removed: 'RapidURL', 'RapidoMemberServer', 'BldssBaseURL', 'FulfillmentNetworkURL', 'GeneralBrokerSystemURL'

- **February 2022 Fulfillment SF: 06037313**  
A typo appeared in the Job Events section: "Exisitng Restore Request". The typo was fixed and now displays correctly, "Existing..."
- **February 2022 Fulfillment-Resource Sharing SF: 05298874**  
Incorrect borrowing requests were reactivated. This has been fixed by the move of Resource Sharing (Borrowing and Lending) task lists to SOLR.
- **February 2022 Resource Management SF: 05327875 05330095**  
The headings displayed in the Headings from bibliographic records were not displaying the subfield \$\$t. This made it impossible for the customer to identify if the heading is the correct one. This was fixed with the release of the planned enhancement to allow customers to configure which fields to display when browsing bib headings in February 2022.
- **February 2022 Resource Management SF: 05311490**  
Series displayed 800, 810 and 811, but subfield \$\$v for volume was missing. This was fixed. The subfield v was added to the 800/810/811 rule. To apply the fix, run reindexing on titles.
- **February 2022 Resource Management SF: 05301672**  
Electronic Resource Activation Task List > when there are several electronic collections > add URL (override) > Save > the URL was incorrectly displayed also for other electronic collections in the list. This was fixed.
- **February 2022 Resource Management SF: 05299021 06217380**  
Changes in Access Type were not tracked in the History tab. This was fixed. The fields that were previously not tracked were added.
- **February 2022 Resource Management SF: 05317367**  
The **Activate** button in the Portfolio Linking Information pop-up window was not limited to the appropriate role/privilege. This was fixed.
- **February 2022 Resource Management SF: 05308682 05317257 05324609**  
The **Update** button disappeared when the contribution to the CZ job started, but when the job failed, the button is not shown again. The problem of the job failing was fixed.
- **February 2022 Resource Management SF: 05300643**  
An Error event is missing when a job completes with an error caused by the CSV files.
- **February 2022 Resource Management SF: 05321550 06055464**  
No copyrights were displayed in the Copyrights drop-down list when creating a non-remote representation from the Add Digital Representation page. This was fixed.
- **February 2022 Resource Management SF: 05303864 05416597**  
Primo VE: Delivery call failed in specific records. This was fixed. A data corrector was created to fix the corrupted data and will run in the Jan. release.
- **February 2022 Resource Management SF: 05302751 05306612 05309822**  
Normalization for ? / aa in Norwegian appeared only when combined with other normalizations, due to a normalization issue. This was fixed. Reindexing is required.
- **February 2022 Resource Management SF: 06043249**  
The alternate graphic representation of the MARC21 fields 650 and 655 was indexed under the "Medical Subjects (MeSH)" index, although the second indicator of these fields was not "2". This was fixed. For existing data, the fix will be fully deployed with the next semiannual indexing job, planned for May 2022.
- **February 2022 Resource Management SF: 06051532**  
MARC21 044 Field did not Affect the '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. To configure it, 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'.
- **February 2022 Resource Management SF: 05301974**  
When creating an itemized set from an input file and there were duplicate entries (such as, file with header BARCODE followed by barcodes containing duplicates), some of the entries in the file were not included in the set. This was fixed. Note that this fix is relevant only for input files containing a single column of data.
- **February 2022 Resource Management SF: 05327875 05330095**  
The field 700 was not appearing in F3 'Headings from bib records'. This was fixed.

- **February 2022 Resource Management SF: 05319064**  
In some cases, the drafts for a user could not be released via the MD Editor action **Unassign all drafts for the user**. This was fixed.
- **February 2022 Resource Management SF: 05301117**  
The Chinese author number generation 090 routine 1 was changed. A new key+value ("bcg", "cmb") was added to author number.
- **February 2022 Resource Management SF: 05319568 05322452**  
Resource Types "Map- Electronic" was not supported for Serials (LDR pos 7 = s). This was fixed. The Resource Type for existing records will be recalculated during the semi-annual indexing planned for May 2022.
- **February 2022 Resource Management SF: 05303465**  
Bibliographic records with alphanumeric cataloger levels could not be edited. This was fixed.
- **February 2022 Resource Management SF: 05304962**  
New Metadata Editor: An unclear message was displayed when the system detected a validation error related to a field containing curly brackets. This was fixed.
- **February 2022 Resource Management SF: 05321731 05322119 05331850**  
New Metadata Editor: The view-related bibliographic record functionality was not working for Network records. This was fixed.
- **February 2022 Resource Management SF: 05314846 05328687**  
New Metadata Editor: The cursor was thrown to the end of a field when a subfield delimiter was inserted in the middle of an existing Hebrew text line. This was fixed.
- **February 2022 Resource Management SF: 05321685 05321767 05326818 05469375 05566454 06055755 06231909**  
New Metadata Editor: Pushed records did not show Local Extensions fields when pushed from Network Zone search. This was fixed.
- **February 2022 Resource Management SF: 05317721 05322387**  
New Metadata Editor: When opening an NZ bibliographic record with an order, the View Orders menu action was enabled. This was fixed. The **View Orders** menu action is disabled in this case.
- **February 2022 Resource Management SF: 05301991 05305236**  
New Metadata Editor: Ctrl+L shortcut did not work for records that opened in view-only mode due to a lower cataloging level. This was fixed.
- **February 2022 Resource Management SF: 05326462**  
New Metadata Editor: Location name translations were not displayed (**View Related Data > View Inventory > Holdings**). This was fixed.
- **February 2022 Resource Management SF: 05320580**  
New Metadata Editor: Non-extended catalogers could delete shared templates. This was fixed.
- **February 2022 Resource Management SF: 05302846**  
New Metadata Editor: In Search Resources users needed to click **Search** twice, Merge gave the message "Merge Method should be defined", Merge action and Copy & Overlay were disabled. This was fixed.
- **February 2022 Resource Management SF: 05321170 05317025**  
New Metadata Editor: Deleting record default option changed from no to yes. This was fixed; the default option is "No".
- **February 2022 Resource Management SF: 06038191 06053692**  
New Metadata Editor: When selecting some vocabulary templates tab and changing in the configuration to manage this vocabulary globally and then going back to the MDE, the MDE was not opening. This was fixed.
- **February 2022 Resource Management SF: 05312362 05317386**  
New Metadata Editor: When a user was restoring a record from a previous version, the system was not restoring it properly. This was fixed.
- **February 2022 Resource Management SF: 05332568**  
New Metadata Editor: Templates were not displayed in the right order in the menu. This was fixed.
- **February 2022 Resource Management SF: 05326634**  
Metadata Import: for some users, opening a historical import job's 'Files details' resulted in a broken page. This was fixed.
- **February 2022 Resource Management SF: 05318470**

Digital Import Profile for MODS: The Overlay option was displayed in the profile, although it was not supported. This option was hidden.

- **February 2022 Resource Management SF: 05322489**  
When using F3 on certain fields of GND Authority record, the field that was preserved included a subfield \$\$9 even if it started with "v:". This was fixed.
- **February 2022 Resource Management SF: 05316795**  
The pop-up window in actions such as 'View', 'Import', etc., did not appear and instead, an empty rectangle with two blue squares inside appeared. This was fixed.
- **February 2022 Resource Management SF: 05324007**  
New Metadata Editor - translations of 'Holdings' and 'Bibliographic' were added.
- **February 2022 Analytics SF: 05304594**  
An error message appeared when clicking the link to the default analytics object "Usage via COUNTER Reports - Release 4 Dashboard (Ex Libris)". This was fixed.
- **February 2022 Analytics SF: 05326684**  
In the Cost Usage subject area, the usage data matched two bibliographic records that have the same title but are from different platforms. This was fixed.
- **February 2022 Analytics SF: 05326635**  
In the Purchase Request subject area, when adding the Purchase Request Modified By or Purchase Request Creator fields to a report, only a small number of results appear. This was fixed.
- **February 2022 Analytics SF: 05308104**  
The PDF of a scheduled report did not include all of the lines of the report. This was fixed.
- **February 2022 API SF: 05307716 05309321**  
Inability to remove the preferred first name via the API. This was fixed. The Update User Details API can now clear the user preferred name fields (preferred first name, preferred middle name, preferred last name) for external users if the 'override' parameter is sent with the field's name.
- **February 2022 API SF: 05314380 05738975**  
The Get-request-options for a given item returned misleading information when the item wasn't requestable, but other items under the same bib were. This was fixed.
- **February 2022 API SF: 05299297**  
No webhooks were triggered when running the purge-user-records job. This was fixed.
- **February 2022 API SF: 05298962**  
Received some misleading error messages in response to Partner API request. This was fixed.
- **February 2022 API SF: 05314354**  
The Create PO-Line API didn't update 'receiving\_note' in some cases. This was fixed.
- **February 2022 API SF: 05324557**  
Item-related webhooks were sent with information that is not up-to-date in some cases. This was fixed.
- **February 2022 API SF: 05306669**  
Update license API returned an error when a non-numeric value was used in 'Concurrent User' License Term. This was fixed.
- **February 2022 API SF: 05304425**  
The API "Retrieve Set Members" for a set of Users showed the first results twice in some cases. This was fixed.
- **February 2022 API SF: 06239450 06242556 06242762 06243892 06242701**  
For customers which use case-insensitive identifiers (for the user's additional identifiers), the Update-User API returned an error when sent with upper-case letters in an identifier which already exists in Alma for that user. This was fixed.
- **February 2022 DARA SF: 05301267**  
In some cases, it wasn't possible to assign DARA recommendations to users with scoped roles. This was fixed.
- **February 2022 DARA SF: 05302005 05302586 05302680 06035866**  
DARA's scheduled job called "Recommendations on jobs" had some misleading information in its report. This was fixed.