

## Alma 2022 Release Notes

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### Upcoming Issues to Note

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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.

Explore the November release highlights [here](#).

Select [here](#) to view the full list of new features.

Download a [PDF](#) of the Release Notes and Resolved Issues.

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## Next Release Sneak Preview

Select [November 2022 Sneak Preview](#) to view the next release sneak preview.

Download a [PDF](#) of the Resolved Issues.

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## August Release Highlights

Explore the August release highlights [here](#).

Select [here](#) to view the full list of new features.

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## Upcoming Issues to Note

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### Sandbox Refresh

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

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## Alma Roadmap Highlights

The next version of the Alma Roadmap Highlights (July 2022 update) document is available [here](#).

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## Make the Most of May's Release

### Action Items

[Form Based Indication Rules for Refining Repository Search Results by MARC Tags and Subfields](#) - Use the new intuitive form editor to create indication rules and filter your search.

[Set Unavailable Physical Items Process Types](#) - You can now use work order types to efficiently update items' process types: adding and removing them to a set of items to mark them as available/unavailable, excluding them from Get It, etc.

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## Upcoming Issues to Note

### 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 \(July 8, 2021\)](#)
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## Make the Most of April's Release

### Action Items

[Defining Library as a Basic Search Scope for Physical Items Search](#) - Always searching items from the same libraries? Now you can define your own search scope to only see items from the libraries relevant to you.

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## Make the Most of March's Release

### Action Items

[New and improved Overlap Analysis Tool](#) - You can use the tool to better understand your electronic resource content overlap and availability to help your purchasing decisions.

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## 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.

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## Upcoming Issues to Note

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### Sandbox Refresh

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

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### Alma Roadmap Highlights

The next version of the Alma Roadmap Highlights document is available [here](#).

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## Alma Documentation Enhancements

In response to customer feedback and inputs, Ex Libris has implemented targeted improvements to Alma online help documentation to enhance your understanding of Alma and make full use of its features. The enhancements include:

- How-To documentation
- Workflow diagrams
- Reorganization of the Resource Management, Fulfillment and Acquisitions sections
- Over 55 new glossary terms

- Over 200 links to training videos

Click [here](#) to view the promotional video outlining the improvements.

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## Make the Most of January's Release

### Action Items

[INN-Reach API Integration](#) - InnReach and Alma can now be integrated directly (no DCB component) using the InnReach APIs (a.k.a. D2IR).

['Will Supply' Message Sent Automatically](#) - It is now possible to set Alma (as lender) to automatically notify a borrower that a request is in process ('will supply') when the internal 'ship physically' request is triggered.

[Library Level Patron Notifications](#) - It is now possible to set notifications that aggregate multiple fulfillment actions so that they be sent per library.

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## Alma Roadmap Highlights

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## Next Release Sneak Preview

Select [February 2022 Sneak Preview](#) to view the next release sneak preview.

## Main Features

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### Item Call Number and Remote Storage ID Can Be Included in Item-Level General Electronic Service URLs

#### November 2022 Fulfillment

It is now possible to configure item-level General Electronic Services to include the item's **Item Call Number** and its remote **Storage Location ID** in the generated URL. This new feature provides more accurate linking from Primo GetIt to third-party applications (such as Aeon) via a General Electronic Service. For information about these fields, see [Working with Items](#). For more information about item-level General Electronic Services, see [Item-Level General Electronic Service](#).

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### New UI for Resource-Sharing Task Lists for Borrowing Requests and Lending Requests

#### November 2022 Fulfillment - Resource Sharing

The next-generation Alma UI design is now activated by default for the Borrowing Requests and the Lending Requests task lists. Individual users can opt-out to use the previous version of the layout during this quarter.

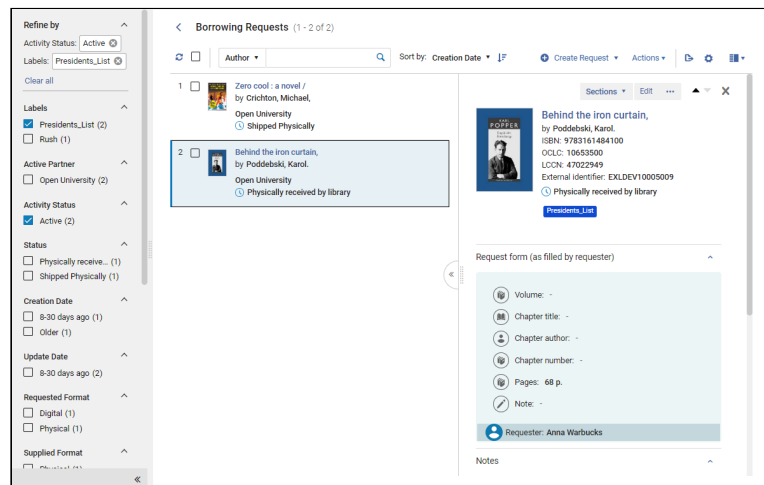
The main new features of the new UI are:

- **Details pane:** A work area can be opened in a pane on the right side of the request list. This makes it possible to edit most aspects of the request without losing sight of the request list, and also speeds up the editing process.
- **Multiple facet selection:** Multiple criteria can be selected in each facet category, providing more flexibility in the creation of a filtered request list.
- **Streamlined access to notes and patron queries:** Notes and patron queries can be seen, added, and edited in the new right pane. This makes these important elements more noticeable and easier to manage when reviewing the request list or processing requests.
- **Status and assignee information as facets:** Activity status and assignee information are facet categories, enabling searching for requests by specifying multiple activity statuses and a number of specific assignees.
- **Sliding panel:** When access to the full request form, with all of its tabs, is required, it opens in a panel that "slides" out

from the right side of the right panel, only partially covering the task list. This enables work on all aspects of the request without losing sight of the request-list context.

By default, in this release the request lists open in the new UI. However, users can opt-out to use the old layout if they wish. For more information about opting into using the new UI for features for which it is available, see [Opting In or Out of a New Feature](#).

Watch the [New Resource Sharing Task List](#) video (3:34 minutes).



**Borrowing Requests task list - New Layout with Details pane open**

## Option to Push Borrowing Requests for Further Processing in Relais

### November 2022 Fulfillment - Resource Sharing

Borrowing requests can now be sent to Relais broker systems through Alma, as they can with ILLiad and Tipasa/WorldShare ILL. This new option enables requests that have not been fulfilled by a local peer-to-peer rota to be automatically pushed to the Relais system, where they are further processed as broker-managed requests, eliminating the need to manually transfer such requests.

For more information, see [Resource Sharing Partners](#).

## Restrict Editing Bibliographic Metadata Fields

### November 2022 Resource Management



#### Idea Exchange

Consortia central office is now able to control which Network Zone Bibliographic metadata fields can be added, edited, or deleted by Network Zone members and Network Zone institution allowing the consortia office to maintain the quality of its Bibliographic records by preventing unwanted edits of specific fields.

In addition, there is an option to define a restriction based on a user's cataloger level.

#### Example use cases:

- Consortia Central Office wants to protect the Network Zone bibliographic record 035 field from any edits by the

consortia members.

- Consortia Central Office wants to prevent consortia members from editing Bibliographic 6XX fields of a certain vocabulary.

For more information, see [Restrict Editing of Metadata Fields](#).

To watch a video, see [Restrict Editing Bibliographic Fields by Network Zone Members](#).

### Community Zone Restricted Fields

Field restrictions are in place for Bibliographic Community Zone records:

- Field 022 cannot be added, edited, or removed.
- Fields 020 and 776 cannot be deleted but can be added/edited to existing records.

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## Indication Added to Verify No Proxy Used in CDI Links for OA Links

### November 2022 Resource Management

Alma now verifies that links returned by CDI do not use a proxy for OA links. This is especially useful for customers that have a proxy set up but do not want to use the proxy for OA links.

For more information, see [Access to Services](#).

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## CDI Linking Preferences to be Configured in Alma and Transferred to CDI

### November 2022 Resource Management

You can now set the preferred order of links to the electronic full text in CDI (Link in Record and Quicklinks) if more than one link is available. Prior to this release, this configuration option was available only for links using the link resolver. Note that this setting is separate from the link resolver settings because preferences are configured at the collection level for the link resolver, while they are configured at the platform level for CDI. The new CDI linking preference options are configured on the new Central Index and proxy set-up page (**Configuration > Fulfillment > Discovery Interface Display Logic > Central Index**) and applied to single link display (Link in Record links and Quicklinks) as well as multiple links display (see [Display All Links](#) setting). If no preference is set, the default provider preference is alphabetical by provider. For more information, see [View It](#).

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#### Note

This feature will not be fully functional until the CDI December release on December 7. Additional details will be provided at that time.

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## Semi-Annual Re-indexing

### November 2022 Resource Management

During November, the semi-annual re-indexing (described in greater detail in Updates) will be run. Features or resolved

issues that require re-indexing to be fully functional will be addressed by the November semi-annual re-indexing. See the list below:

- Medical Subject Headings (MeSH) include headings from field 651\_2.
- Bib headings created from 730 and 630 fields linked to local authorities.
- Records with 092/082 are found with Dewey Decimal Class Number,.
- Physical holdings index search with pattern levels of enumeration.
- Annual changes to the UNIMARC/CNMARC/KORMARC Format & Crosswalk, see [here](#).
- Japanese characters are searchable for solr\_searching\_language HK (Chinese-Hongkong).
- New authority index Other Standard Identifier (024), see [here](#).

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## Normalization of UNIMARC and CNMARC 1XX Fixed Position Fields

### November 2022 Resource Management



#### Idea Exchange

A new function was added to enhance the Alma DROOLS to support the normalization of UNIMARC and CNMARC 1XX fixed position fields. As a result of the enhancement, UNIMARC and CNMARC tag 1XX are treated as Control Fields in Normalization Rules and no error messages are displayed.

For more information, see [Working with Normalization Rules](#).

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## Exclude Heading from Linking

### November 2022 Resource Management

It is now possible to exclude specific headings from being linked to an authority record by automatic processes.

This is especially useful when a field contains data that is similar to an existing heading but is not really related to that heading. This prevents the field from incorrectly getting associated with the heading and improves the integrity of the library's metadata.

This is advantageous in cases where a creator's name is identical to an authorized creator, and not enough data exists to distinguish the two and prevent linking (for example, a library catalogs an old thesis work by John Smith and has no further biographic information on the creator).

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#### Note

This functionality is not available for Community Zone records or Community Zone-linked bibliographic records.

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## GND Profile Updates

### November 2022 Resource Management

Some changes were introduced to the GND format:

- \$i and \$4 are added to fields 700, 711 and 730

- The subfield names are identical to the ones in \$i and \$4 in fields 710, 750, and 751, that were provided in the last version of the XML profile.

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## New Authority Index Other Standard Identifier (024)

### November 2022 Resource Management

A new authority index Other Standard Identifier (024) is added to the staff search. The new index "Other Standard Identifier" will be activated by default in the February 2023 release. Existing data will be indexed gradually with the semi-annual indexing job in the following weeks. These records will be available for search in the Keywords search.

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#### Note

If you are willing to enable the new index option in the Repository Search UI, configure [Resources > Search Indexes > auth\\_other\\_standard\\_identifier](#).

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## Portfolio Loader/Export - Support Split Coverage

### November 2022 Electronic Resource Management



#### Idea Exchange

When using the **Extended Export** function ([E.Collection search > Portfolio list > Extended Export](#)), the exported file now supports the export of portfolios with multi-coverage (in addition to the existing support for single-coverage). The exported file is structured and formatted so that it is suitable for use in the portfolio loader ([E.Collection search > Edit Service > Portfolios \(tab\) > Load Portfolios](#)).

This enables users to utilize the exported file, easily edit it and upload it using the portfolio loader. The portfolio loader loads all of the date ranges for the various coverages and does not require the user to manually update multi-coverage portfolios.

See [here](#) for an example file that presents the structure of the Export/Load file. In this example you can see a single portfolio with multi coverage, each row represents different coverage information for the same portfolio.

Watch the [Support for split coverage in the portfolio loader and portfolio export](#) video (14:00 mins).

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## Enable the Improved ProQuest Ebook Central Upload Electronic Holdings

### November 2022 Electronic Resource Management

For institutions utilizing ProQuest Ebook Central Upload Electronic Holdings and that have not yet moved to the improved process, we recommend you to do so. Doing this will have multiple advantages:

- **Frequency**  
Ex Libris moved from full synchronization on a weekly basis to daily incremental processing, which is faster and keeps your collection as up-to-date as possible.
- **Subscription Titles**  
In addition to the activation of ProQuest Ebook Central Owned and DDA titles, the integration now supports the activation of Subscription titles.

- **Purchase Model Indication**

Each Portfolio will include an indication of ProQuest Ebook Central Purchase Model: Owned, DDA, or Subscription (including the subscription collection names).

- Titles that are missing from the Community Zone at the point of the daily integration are automatically activated once added to the Community Zone.

Customers that are currently not using the PQ EBC Upload Electronic Holdings integration, and would like to utilize it, can enable the integration according to the instructions outlined [here](#).

Customers who are already using the PQ EBC Upload Electronic Holdings integration, and would like to utilize the improved one, will be moved to the new integration by Ex Libris. For details, please contact Ex Libris Support.

For more information, see [Upload Electronic Holdings from ProQuest Ebook Central for Subscriptions/Owned/DDA](#).

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## Report to Ex Libris Action Removed from Electronic Collections Whose Management Level is not "Ex Libris"

### November 2022 Electronic Resource Management

Electronic collections with the following Management Level will have the "Report to Ex Libris" action removed:

- **Community**

These collections' titles are fully managed by the community, with available functionality to add, edit and delete titles independently.

- **Not maintained**

These collections have no current/active source/provider for Ex Libris to maintain the title list and/or linking. So long as the collection is useful and functional, we keep it in the Community Zone to avoid disruption, but there is no provider/source to maintain the title list and therefore cannot be further supported. If the collection becomes non-functional, Ex Libris will consider its removal from the Knowledgebase.

- **Pending deletion** (deletion date is added next to this value)

These collections are deleted within 4 weeks, in alignment with our existing procedure. This information will continue to be published also in the Alma CKB Release Notes.

- **Contributed by Institution**

These collections have been contributed by an institution and any questions can be addressed by them. Ex Libris is working on generating contact information for those institutions, should they need to be reached.

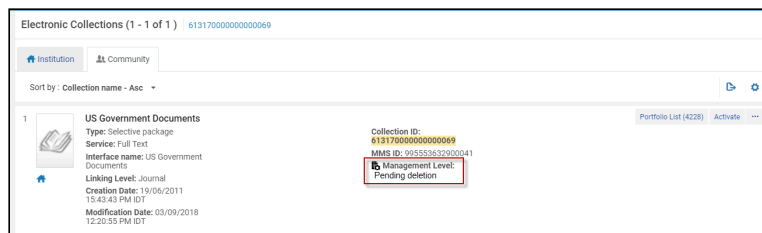
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## Management Level Indication Labeled "Pending Deletion" Added for Community Zone Electronic Collections

### November 2022 Electronic Resource Management

A new collection Management Level indicator, "**Pending deletion**", is being added as part of the existing Collection Management Level feature released in August 2022.

The **Pending Deletion** status indicates that this collection is planned to be removed in the coming 4 weeks, in alignment with Ex Libris's existing procedure of notification. The benefit of this feature is that it is in-product as well as indicates the planned deletion date. This information will continue to be published as part of the Alma CKB Release Notes as well.



### Community Zone E-Collection Management Level Indicator - Pending deletion

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## Usage Reflection for Community Zone Collections

### November 2022 Electronic Resource Management

Each Community Zone Collection now has 2 new indicators:

1. **Usage** - how many times the Community Zone collection/portfolio was activated for full text .
2. **Region** - From which region this collection was activated from.

There are 3 main regions:

- Asia Pacific
- Europe, Middle East, and Africa
- North America & Latin America

Adding these two pieces of information enables users (that browse the Community Zone in order to activate resources) to better understand which resource is most suitable for activation.

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#### Note

An "Active" collection is a collection that was activated from the Community Zone (in the Institution Zone) and has a condition that causes it to be available for discovery and full text . This happens in these two scenarios:

1. The electronic collection has an available service and has at least one available portfolio.
2. The electronic collection has no service but its level URL is not empty and its Bibliographic record is not suppressed.

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The information regarding the number of activation(s) and region(s) is refreshed every one week. The information is reflected in the Community Zone collections search results only.

For more information, see [Managing Electronic Collections](#).

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## Automatic Registration of Handle URLs for Digital Files

### November 2022 Digital Resource Management SF: 05307590

Alma now supports the automatic registration of Handles with an Ex Libris hosted Handle.Net server. Until this development, institutions had to set up their own Handle server along with an FTP/SFTP site to transfer and register the Handles with their Handle server. This process is now automated using a new Ex Libris hosted Handle server and a new Handle integration profile to allow a smooth and easy integration without any servers set up from the customer's side. The

new Handle integration profile integrates directly with the hosted Handle server and creates the Handles using the existing control number functionality (see [Configuring Control Numbers](#)).

The following options are available on the integration profile:

## Handle Integration Profile

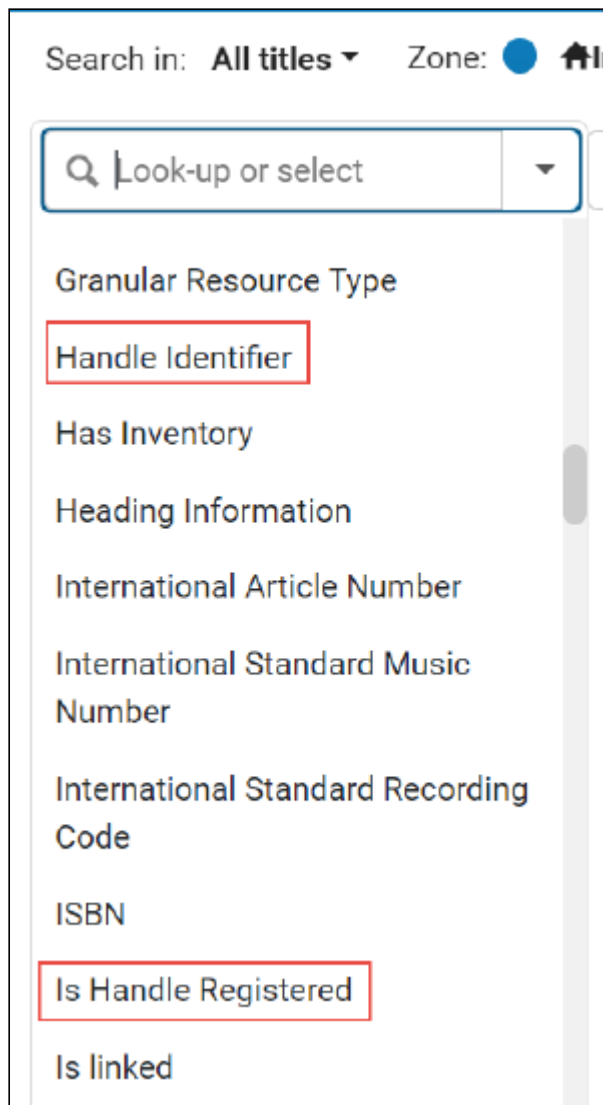
After scheduling the integration profile to run on a set of digital titles with the chosen control number, the invoked job creates the Handles for each digital title in the set and updates the Handle server with each Handle pointing to its respective record page in Primo VE.

Record ID	Title	Medium Type	MMS ID	Handle Identifier
1	marc with handle Book (2022)	Language: English	MMS ID: 9923720000121	20.500.121577715
2	DC with handle Computer file	Medium Type: Dataset	MMS ID: 9923720000121	20.500.121577716
3	MODS with handle Map		MMS ID: 9923719900121	20.500.121577709

## Handle Identifiers

In addition, the **Handles Migration Task** is now available for normalization processes when migrating bibliographic records. The task copies Handle from the bibliographic record's metadata to the record's Handle identifier field. Once this is done, the Handle integration profile needs to be run on the relevant records to update the hosted Handle server with the migrated Handles.

You can now also search for digital titles according to their Handle identifiers:



#### Handle Search

Customers wishing to activate this new functionality are requested to open a support ticket with their Handle.Net prefix in order to register it with the hosted Handle server.

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## Repeatable Fields Available for Staff Deposit Forms

### November 2022 Digital Resource Management



#### Idea Exchange

You can now configure fields in digital forms for staff mediated deposits and when adding a representation to be repeatable. To do this, select the **Repeatable** checkbox for the field. Note that the repeatable fields appear at the end of the form and cannot be configured to be displayed higher up.

Type	Text Box		
Property *	dcterms:title		
Label *	Title	Tooltip	
Default Value		Language	
Field Size	Long	Mandatory	<input type="checkbox"/>
Repeatable	<input checked="" type="checkbox"/> Repeatable fields in the add-representation or staff mediated forms will be displayed at the end of the form		

### Repeatable Checkbox

For more information about forms, see [Working with Forms](#).

## Captions Now Supported for Universal Viewer and IIF Manifest

### November 2022 Digital Resource Management

The Universal Viewer and IIF Manifest now support the display of captions for video files. To display captions, you must upload a captions file in .vtt format that contains the captions. For more information, see [Managing Digital Files from the Digital Representation Resource Editor](#).

Users can toggle the captions to be on or off from the viewer by selecting the closed captions icon and selecting **captions on/captions off**.



### Universal Viewer with Captions

## Single Claim Letter for Multiple Claims from a Vendor

### November 2022 Acquisitions

#### Note

**This functionality will only be made available with the Alma Release Update on November 13.**

When the [PO Line – Claiming - Process Automation](#) job runs, it checks if there are multiple claims from a single vendor. If there are, and the claim notification is going to be sent by email, Alma combines the notifications for all of the claims from that vendor into a single claim letter. A new letter, the *PO Line Aggregated Claim Letter*, was created for this purpose. Both physical and electronic items can be included in a single notification of this type. If your institution has customized the *PO Line Claim Letter*, it is recommended to also customize the *PO Line Aggregated Claim Letter* (see [Configuring Alma Letters](#)).

Note that claim notifications that are sent by EDI cannot be combined, and are always sent individually for each PO line, as before. In addition, in the Receive New Material page (**Acquisitions > Receive**), the **Claim missing items** action is continuing to use the existing *PO Line Claim Letter*.

Institutions can opt out of this feature by changing the value of the **claim\_aggregated\_letter** to FALSE (**Configuration menu > Acquisitions > Other settings (General)**). When this value is FALSE, separate claim letters are sent to vendors for each PO line, as before.

For additional information on this new feature, see [Processing Claims](#).

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## New Layout for PO-Line Task Lists

### November 2022 Acquisitions



#### Idea Exchange

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##### Note

We would like to thank all the institutions who volunteered to participate and become early testers. At this point we have reached full capacity and will no longer be accepting additional participants. Stay tuned for additional updates.

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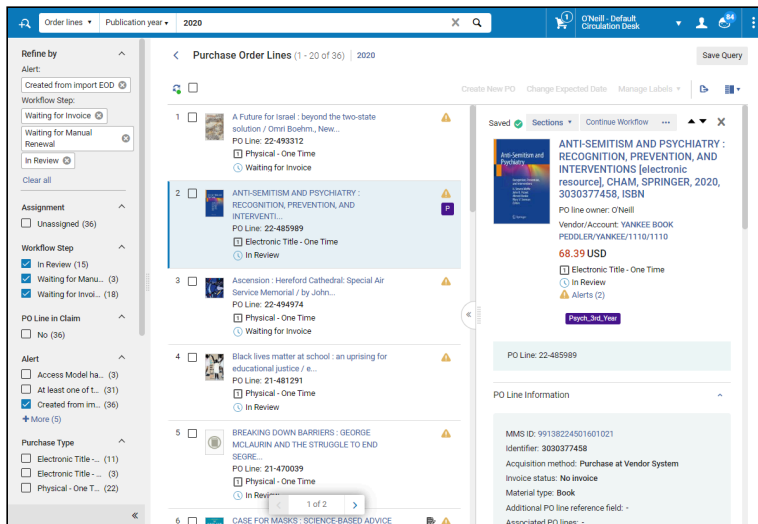
The new unified PO-line task list, built on Alma's New Layout, is now available **for institutions that would like to become early testers**. If your institution would like to test the new design in production, please email [earlytester.support@clarivate.com](mailto:earlytester.support@clarivate.com).

The layout is designed to facilitate an enhanced user experience across Alma navigation in general and specifically in the PO-line management area. This initiative is the outgrowth of cooperation with Alma working groups and a response to feedback from the wider community of Alma users.

See [this short video](#) for a preview of the new interface.

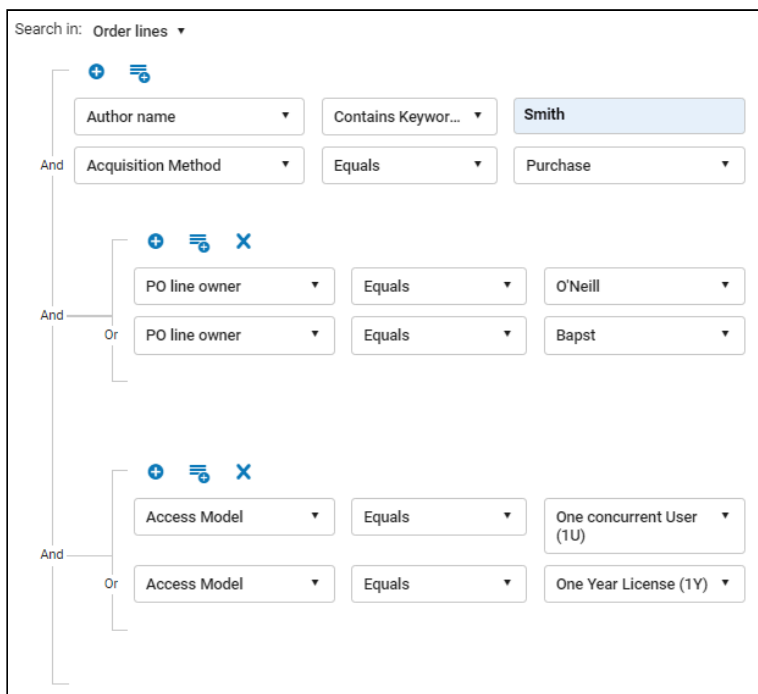
Features of the New Layout for PO lines include:

- Information about all PO lines is presented in a single task list that can include PO lines in all workflow stages and assigned to any users.
- Search results can be refined through facets in which multiple values can be selected simultaneously, such as three workflow stages or a number of specific vendors
- Assignment properties have been moved to the facets, where users can filter based on general categories of assignees (**Unassigned**, **Assigned to me**, **Assigned to others**) and/or specific assignees (e.g., "me, Bob, or Jane," but no one else)
- A new "side-by-side" layout option enables users to view a list of PO lines on one side of the window and detailed information regarding the currently selected PO line on the other side. The information in the **Details** pane is editable within the pane itself, so that users do not have to navigate to a special PO-line editing screen in order to perform basic tasks.
- Alma pages related to the currently selected PO line can be opened in a slide-out panel on top of the PO line page, enabling users to view and work on them while keeping the PO line in the background, so that they don't lose their place in the PO-line list. For example, a user working on a PO line can view and modify the information about the item itself in a sliding panel.



**Unified PO-line task list with multiple facets selected and details about the selected PO line in the Details pane on the right**

As part of the upgrade to the New Layout of the PO-line task list, the search options for PO lines have also been expanded. In particular, the advanced search options now support both AND and OR relationships between search conditions. The new search interface is based on a condition-writing concept that employs a query builder; this foundation made it possible to create a more convenient and user-friendly interface in which it is easy to compose complex queries. For additional information, see [Searching for PO Lines - New Layout](#).



**Advanced search conditions for PO lines using AND and OR**

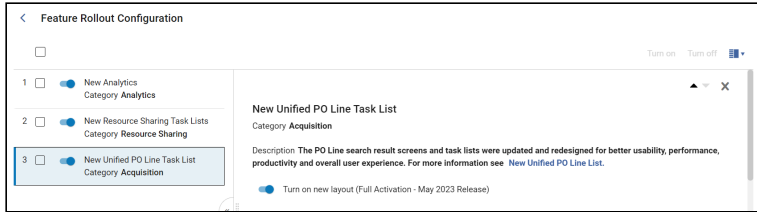
To activate the New Layout for PO lines, from the **User** menu, select **Feature Rollout Configuration** ([persistent menu >](#)



> Feature Rollout Configuration), and then, in the left panel, select the on-off switch (



) beside **New Unified PO Line Task List Category Acquisition**.



For a general overview of the New Layout, see [New Layout 2022](#). For additional information about turning the New Layout on and off, see [Opting In or Out of a New Feature](#).

For additional information about the new unified PO-line task list, see the overview in [New Unified PO Line Task List](#), and the online help at [Purchasing - New Layout](#).

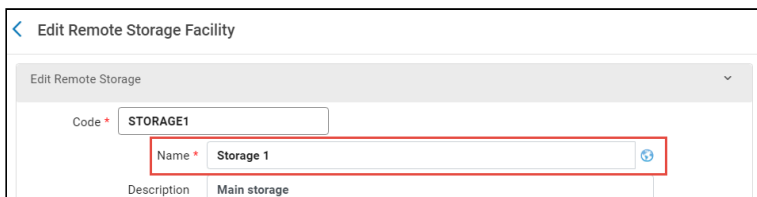
## Note

- The current user interface will remain available and easily accessible in order to allow gradual acclimation if needed.
- The New Unified PO line task list was covered in a webinar in May 2022, [click here to view it](#).
- If your institution would like to test the new design in production, send an email to [earlytester.support@clarivate.com](mailto:earlytester.support@clarivate.com).

## Support for Remote Storage Name in Multiple Languages

### November 2022 Administration and Infrastructure

In Alma, the **Remote Storage Name** field now supports multiple languages. The field now displays in various languages depending on the current user-language selected in the interface.



### Remote Storage Name Field

## Letters Configuration with More Options

### November 2022 Administration and Infrastructure

It is now possible in Alma to use functions in XSL version 3 or lower for letters configuration. It enables creating letters that are more dynamic. For example, using regular expression to adjust the letter according to the type of the resource. Existing letters configured with XLST version 1 continue to work without changes.

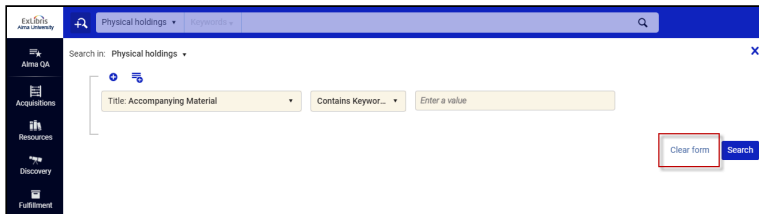
## Clear Form Button Added to Next Generation "Advanced Search" as Included in

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## Physical Holdings

### November 2022 Administration and Infrastructure

Staff search areas that include the new advanced search such as **Physical Holdings** and now "**the new POLine**" have a "**Clear form**" button such as the one that exists in the existing advanced search enabling users to clear all the lines of the query created.



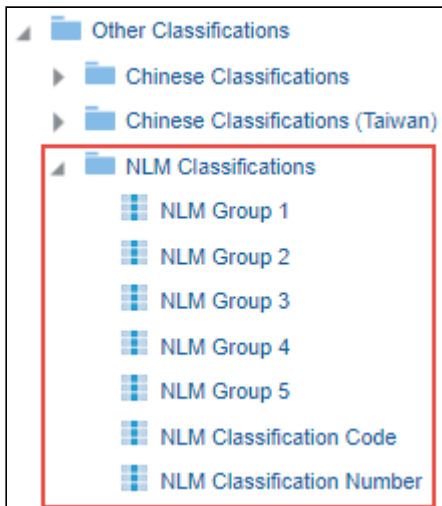
Clear form button in Advanced Search

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## NLM Classifications Added to Alma Analytics

### November 2022 Analytics

The **NLM Classifications** sub-folder was added to the **Other Classifications** dimension in all subject areas in which it appears to support creating reports containing the classification codes of the National Library of Medicine.



### NLM Classifications

The **NLM Classifications** dimension contains the NLM Classification Code, NLM Classification Number, and NLM Group 1-5 fields, taken from the 060 or 096 fields of the bibliographic record.

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## Oracle Analytics Server Updated to Latest Version

### November 2022 Analytics

From September to November, OAS (Oracle Analytics Server) will be gradually updated to its latest version (6.4) in our data centers. This version includes many long-standing OAS bug fixes allowing a more streamlined user experience for Analytics Designers using OAS, as well as some UI improvements and additional functionality.

For more information, see [New features in OAS 6.4 for Alma and Primo Data Visualization](#).

## Option to Get Resource-Sharing Requests Per User

### November 2022 API

The option to use GET to retrieve all resource-sharing requests for a specific user has been added to the User API. Previously, it was only possible to retrieve information about user IDs and purchase-request IDs.

## User GET API Expanded

### November 2022 API

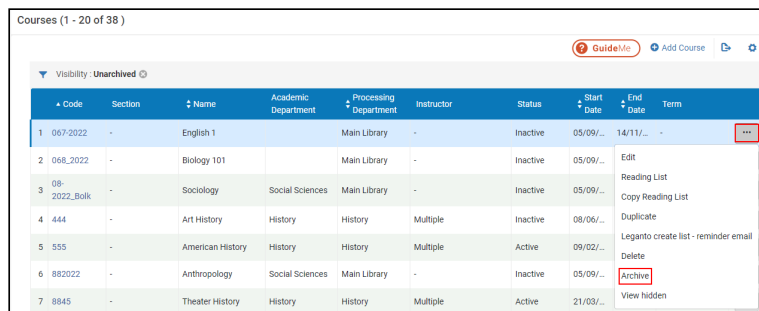
The Alma User GET API now includes all libraries in the institution, user attachments, and both active and inactive user accounts. For additional information, see [Users and Fulfillment](#) in the Developer Network.

## Simplify the Data Managed in Alma Using Course Archiving

### November 2022 Fulfillment - Course Reserves

You can now archive courses in Alma, enabling your library to reduce the amount of data you view in Alma without deleting historical information. Archived courses are still available for reference purposes, and you can view statistical data on archived courses via Alma Analytics. Courses can be archived and unarchived individually or in bulk.

An **Archive** action is now included in the course action list to easily archive a single course. Marking a course as archived immediately filters the course from the current course list visibility, removing it from view.



Code	Section	Name	Academic Department	Processing Department	Instructor	Status	Start Date	End Date	Term	Actions
067-2022	-	English 1		Main Library	-	Inactive	05/09/...	14/11/...	-	...
068-2022	-	Biology 101		Main Library	-	Inactive	05/09/...			Edit Reading List Copy Reading List
08-2022_Bok	-	Sociology	Social Sciences	Main Library	-	Inactive	05/09/...			Duplicate Leganto create list - reminder email
444	-	Art History	History	History	Multiple	Active	08/06/...			Delete
555	-	American History	History	History	Multiple	Active	09/02/...			Delete
882022	-	Anthropology	Social Sciences	Main Library	-	Inactive	05/09/...			Archive View hidden
8845	-	Theater History	History	History	Multiple	Active	21/03/...			View hidden

### Archive action

When marking a course as archived, any reading list associated with the course is also archived. Therefore, a confirmation message appears confirming that all reading lists associated with the course are archived as well.

**Confirmation Message**

Reading lists that are associated with this course will also be archived. Are you sure you want to archive English 1 and all its reading lists?

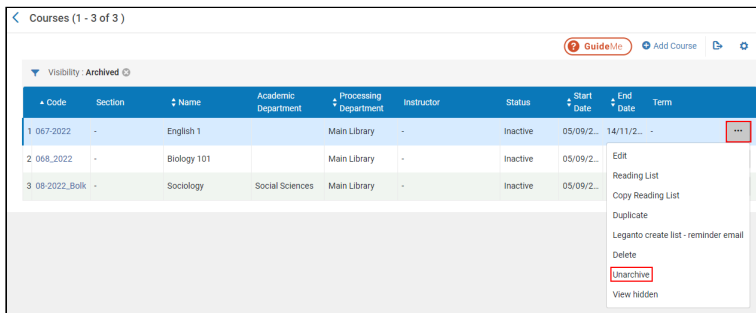
### Confirmation Message explaining that all lists will be archived

## Note

Courses where the reading list is linked to additional unarchived courses cannot be archived. If you attempt to archive a course with a reading list that is linked to additional courses, you receive an error message:

This course cannot be archived because it has [number] unarchived reading lists that are linked to other courses. You should either archive the reading lists or remove the course association, then try again.

When viewing an **Archived** course, you can use the **Unarchive** action to unarchive the course. The course is then restored, but the associated reading lists remain archived, and you need to unarchive them separately.



Code	Section	Name	Academic Department	Processing Department	Instructor	Status	Start Date	End Date	Term	
1 067-2022	-	English 1		Main Library	-	Inactive	05/09/2...	14/11/2...	-	...
2 068-2022	-	Biology 101		Main Library	-	Inactive	05/09/2...			Edit
3 08-2022_Bolk	-	Sociology	Social Sciences	Main Library	-	Inactive	05/09/2...			Reading List Copy Reading List Duplicate Leganto create list - reminder email Delete Unarchive View hidden

### Unarchive action appears for archived courses

You can also archive/unarchive courses in bulk using the **Course Bulk Update** job ([Admin > Manage Jobs and Sets > Run a Job](#)). When selecting the **Set course visibility** checkbox, you can select **Archived/Unarchived** from the adjacent dropdown list to archive/unarchive courses in bulk. By default, no option is selected.

Courses that are archived/unarchived successfully are counted in the **Total records processed** and **Total records updated**.

When courses fail to archive/unarchive, the job completes with a warning. You can select the warning to view which courses were not archived/unarchived and why.

Description	Count	
1 Course updated	1	...
2 Course deleted	0	...
3 Failed to update course dates	0	...
4 Create list - reminder email failed	0	...
5 Failed to remove list association	0	...
6 Failed to archive course	0	...
7 Job failed on course	0	...

### Completed successfully

Description	Count	
1 Course updated	0	...
2 Course deleted	0	...
3 Failed to update course dates	0	...
4 Create list - reminder email failed	0	...
5 Failed to remove list association	0	...
6 Failed to archive course	1	...
7 Job failed on course	0	...

### Completed with warnings

Alma now includes a new **Visibility** facet, for **Archived** and **Unarchived** courses so that you can filter your course list

according to current or archived courses. By default, the course list is filtered to **Unarchived** courses and the facet is hidden from the left panel.

Courses (1 - 20 of 38)

Visibility **Unarchived** Guide/Use Add Course + o

Code	Section	Name	Academic Department	Processing Department	Instructor	Status	Start Date	End Date	Term	
067-2022	-	English 1		Main Library	-	Inactive	05/09/...	14/11/...	-	...
068-2022	-	Biology 101		Main Library	-	Inactive	05/09/...	14/11/...	-	...
08-2022_Bolk	-	Sociology	Social Sciences	Main Library	-	Inactive	05/09/...	14/11/...	-	...
444	-	Art History	History	History	Multiple	Inactive	08/06/...	08/07/...	-	...
555	-	American History	History	History	Multiple	Active	09/02/...	10/02/...	-	...

### Course List Visibility filtered to Unarchived by default

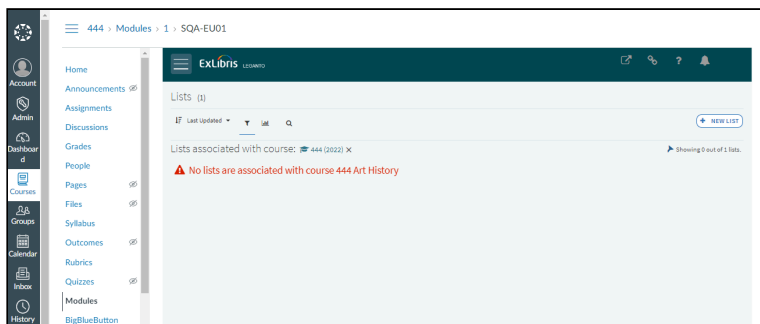
The default **Visibility** filter can be removed which displays all courses and displays the **Visibility** facet with the option to filter to either **Archived** or **Unarchived** courses.

Facets <<

- Course Status** ▼
  - Inactive (46)
  - Active (6)
- Associated Lists** ▼
  - Exist (33)
  - None (19)
- Processing Department** ▼
  - Art and Architecture (2)
  - History (3)
  - Main Library (47)
- Academic Department** ▼
  - History (3)
  - Social Sciences (2)
- Year** ▼
  - 2030 (1)
  - 2020 (1)
- Visibility** ▼
  - Unarchived (35)
  - Archived (3)

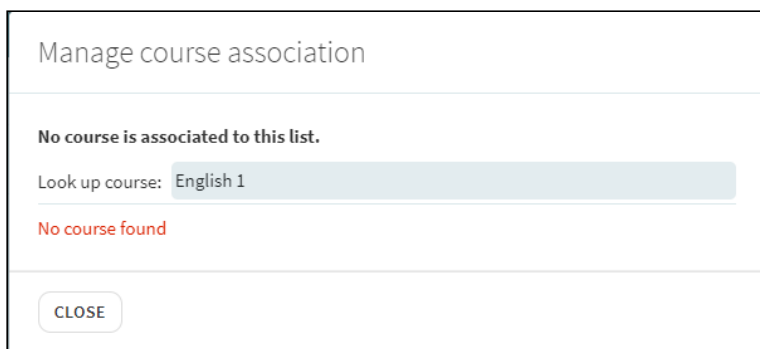
### Archived/Unarchived Facets

Archived courses are hidden from view in Leganto. When attempting to access an archived course from the Learning Management System (LMS), you receive a message that no lists are associated with the course.



**LMS message when accessing archived lists**

Archived courses are not included in the **Manage course association** and **Roll Over** lists in Leganto.



**Manage course association**

For more information, see [Archiving Reading Lists](#).

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## Re-Order Request Queue

### August 2022 Fulfillment



#### Idea Exchange



#### NERS Enhancement (ID #7343)

It is now possible to re-order the requests in a title's queue. Previously, it was only possible to override which will be the currently active request. This is possible by setting the new 'Manual Priority' field on the request form which is used to create a new request or to update an existing request.

Editing a request (including its 'Manual Priority') is now also possible from the Request Queue page (**Fulfillment > Resource Requests > Monitor Requests & Item Processes**; by selecting the **Place in Queue** value in one of the items).

The new option makes it possible to determine the sequence of requests that receive an item, without having to manually re-do the work every time the item becomes available.

Contact [support](#) to activate the Circulation Desk Operator roles, Fulfillment Services roles, and/or the Requests operator role with the 'Prioritize Requests Privilege' privilege.

Watch the [Change Order of a Title's Request Queue](#) video (1:20 minutes).

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## Disable Submit Button When No Known Partner Exists

### August 2022 Fulfillment-Resource Sharing

It is now possible to configure the Primo request form not only to indicate whether there are known partners that can fulfill the request, but also to prevent submitting the form if indeed no known partners have been found.

This enables libraries to prevent patrons from placing requests for resources that are known not to be held by any potential lender in the network, avoiding the frustration of placing a request that cannot be fulfilled.

For more information, see [Configuring Resource Sharing Requests Forms](#).

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## Improved Handling of Publication Dates in Resource Sharing Copyright Rules

### August 2022 Fulfillment-Resource Sharing

The improvement is aimed at making the resource sharing copyright rules work better with article requesting. Prior to this improvement, a rule that would be defined to block the 6th request for a title published within the last five years worked well with books. However, it did not calculate correctly the publishing date of a requested article. With this improvement, article publication date is also correctly calculated.

Note: Before this development, article publication dates were not recorded in Alma. Therefore, a new parameter (`copyright_default_publication_date`) can be configured in the Fulfillment configuration > Other Settings menu to determine how such past requests should be considered. For example, setting the parameter's value to 2017 will make Alma consider these requests as requests for 2017 articles, and a rule with 'publication date > 2017' will consider the old requests to not be a match. The default empty value means old requests will always be considered a match to the copyright rule.

In addition, a new 'Years Since Publication' option in the Copyright Rules enables defining the publication date criteria based on the time since the item was published.

This improvement enables the copyright rules to control resource sharing requests for articles. For example, the rule successfully blocks the 6th request for an article published within the last five years only when the previous five requests are also for articles published within the last five years. The new 'Years Since Publication' option in the Copyright Rules makes it easier to define rules based on when the item was published than the current 'Publication Date' option.

For more information on copyright, see [Configuring Copyright Management](#)

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## New UI for Resource-Sharing Task Lists for Borrowing Requests and Lending Requests

### August 2022 Fulfillment - Resource Sharing

The next-generation Alma UI design is now available for the Borrowing Requests and the Lending Requests task lists. Individual users can opt-in to use the new task list layout, or continue using the previous version of the layout.

The main new features of the new UI are:

- **Right pane:** A work area can be opened in a pane on the right side of the request list. This makes it possible to edit most aspects of the request without losing sight of the request list, and also speeds up the editing process.
- **Multiple facet selection:** Multiple criteria can be selected in each facet category, providing more flexibility in the

creation of a filtered request list.

- **Streamlined access to notes and patron queries:** Notes and patron queries can be seen, added, and edited in the new right pane. This makes these important elements more noticeable and easier to manage when reviewing the request list or processing requests.
- **Status and assignee information as facets:** Activity status and assignee information are facet categories, enabling searching for requests by specifying multiple activity statuses and a number of specific assignees.
- **Sliding panel:** When access to the full request form, with all of its tabs, is required, it opens in a panel that "slides" out from the right side of the right panel, only partially covering the task list. This enables work on all aspects of the request without losing sight of the request-list context.

By default, in this release the request lists continue to be opened in the previous UI. However, users can opt-in to use the new layout if they wish. For more information about opting into using the new UI for features for which it is available, see [Opting In or Out of a New Feature](#).

A webinar on the new Resource Sharing task lists will be delivered as part of the Alma 2022 Roadmap and Webinar Series on August 10. You can register on the [Education and Knowledge Webinars](#) page or the [Alma 2022 Roadmap and Webinar Series](#) page.

Watch the [New Resource Sharing Task List](#) video (3:34 minutes).

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## Retrieve Most Up-To-Date Record from Central Catalog

### August 2022 Resource Management



#### Idea Exchange

This feature is applicable to institutions that synchronize their bibliographic records with an external catalog. When opening a bibliographic record in Alma for edit, Alma retrieves the latest record version from the central catalog and compares it with the existing Alma version. In case there is a difference, the cataloger is displayed with the option to retrieve the latest record version from the central catalog. This ensures that the cataloger works with the most up-to-date records.

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## Call Number Type for Holdings Matches New Location's Type

### August 2022 Resource Management



#### Idea Exchange

A new configuration option was added in Alma. When holdings records are created by changing an item's location, if the location has a call number type configured, the call number type of the new holdings is updated to match that configured for the new location. This saves the manual work required to change the call number type to match the one used in the items' new location.

For instance, a relevant use case is when moving a large group of items to a new location, where they are shelved using a different call number type.

For more information, see the "update\_call\_number\_type\_upon\_item\_move" customer parameter on [Configuring Other Settings \(Resource Management\)](#).

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## Enhanced Copy-Paste Options in New MetaData Editor

### August 2022 Resource Management



#### Idea Exchange

The New Metadata Editor now supports several copy-paste options. The options include

- The standard cut (Ctrl+X), copy (Ctrl+C) and paste (Ctrl+V) options for cutting, copying, and pasting content that utilizes the standard browser functionality and clipboard.
- The existing "cut field", "copy field" and "paste field" functionality (including the support for copying and pasting multiple fields using Ctrl+select) use dedicated clipboard and keyboard shortcuts (Ctrl+Shift+X, Ctrl+Shift+C, Ctrl+Shift+V), so as not to interfere with copying and pasting other content.

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## GND Profile Updates

### August 2022 Resource Management

Some changes were introduced to the GND format:

- 451 \$9 and 551 \$9 - whole controlled vocabulary lists were removed
- 670 \$b - a new controlled vocabulary list was created
- 500/510/511/530 \$9, 667 \$a, 670 \$a - various updates made

---

## Enhanced Scheduling Options for Publishing to OCLC

### August 2022 August 2022 Resource Management

Libraries are now able to configure a more flexible schedule for publishing to OCLC (Online Computer Library Center). This is especially useful for libraries that experience connectivity issues with OCLC servers and can now schedule publishing to OCLC for times when the servers are less busy.

Watch the [Enhanced Scheduling Options for Publishing to OCLC](#) video (1:13 minutes).

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## Native Alma Search Gateway

### August 2022 Resource Management

Alma institutes a new infrastructure for external searches sent from the New Metadata Editor. This initiative to the new infrastructure is gradual and begins with the August 2022 release. The new infrastructure provides better performance and stability, and enables enhancements in the future.

#### **COPAC and British Library Integrated Catalogue:**

As part of the improvements to the external resource search abilities, support for z39.50 search for the following two resources are terminated: **COPAC** and the **British Library Integrated Catalogue**.

These two resources use an old protocol called SUTRS (Simple Unstructured Text Record Syntax) which does not support full MARC records.

- **British Library Integrated Catalogue** - The Resource British Library Integrated Catalogue (MARC) can be used instead (credentials needed).
- **COPAC** - The resource Jisc Library Hub Cataloguing can be used instead (credentials needed).

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## Enhanced Change Physical Items Information Job Report

August 2022 Physical Resource Management



Idea Exchange



**NERS Enhancement (ID #7177, 7350)**

The report for the **Change Physical Items Information** job now includes error reporting and the items handled. This is especially useful when a library wants to follow up on the bulk changes performed.

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## Item Retention Indication for Managing Collaborative Collections

August 2022 Physical Resource Management

This feature will be made available with the Release Update on August 14.

Alma now enables librarians to mark items as committed to retain and prevent withdrawing them. It is also possible to specify retention reason and note manually or in bulk, and this is also supported in import, export and API workflows. This is especially useful when several libraries pool their resources together and some of the library's items should be retained even when internal usage is low. This is reflected in Alma Analytics in order to help libraries to manage their collaborative collections.

The following fields were added for physical items: Committed to Retain, Retention Note, and Retention Reason (the list of reasons can be configured by an administrator).

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### Note

The "is empty/not empty" search for items using the new **Committed to Retain** field returns accurate results only after indexing.

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For more information, see [Retention Information](#).

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## Accession Number - Library Level Definition

August 2022 Physical Resource Management

To enhance support for Library independence within an institution it is now possible for a library to define library level accession sequences for controlling automatic generation of holdings and item accession numbers. Currently, accession sequences can be auto-generated in the institution level or in the library and location levels.

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## Note

This is only available for customers using the enhanced accession number generation functionality.

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For more information, see [Adding a New Accession Number Sequence](#).

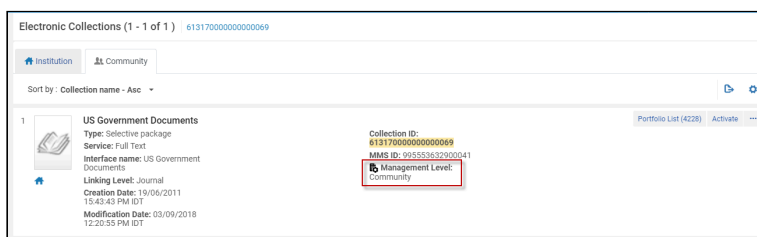
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## New Collection Management Level Indication for Community Zone Collections

### August 2022 Electronic Resource Management

A new collection **Management Level** indicators on Community Zone collections are set to provide better transparency for the community to understand how and by whom each collection is maintained". Here are the **Management Level** options:

- Ex Libris (Managed by Ex Libris)
- Community (Managed on title level by community)
- Not maintained (The vendor no longer supports this collection - this is a dynamic list that will continue to be assessed by Ex Libris Content Operations over time)
- Contributed by Institution (Collection contributed and managed by an Alma institution)



### Search result for Community managed collection

Watch the [Management Level Indication for Community Zone Collections](#) video (1:22 minutes).

---

## Option to Delete Portfolios from Community Zone Collections Which are Managed by the Community

### August 2022 Electronic Resource Management

Currently, there are five Community Zone electronic collections that are managed by the Alma community whose institutions have proper Community Zone contribution settings. These users can **Create (contribute)** and **Edit (re-contribution)** Community Zone portfolios for these five community managed electronic collections. A new addition now enables these users to **Delete** portfolios from these five community managed electronic collections.

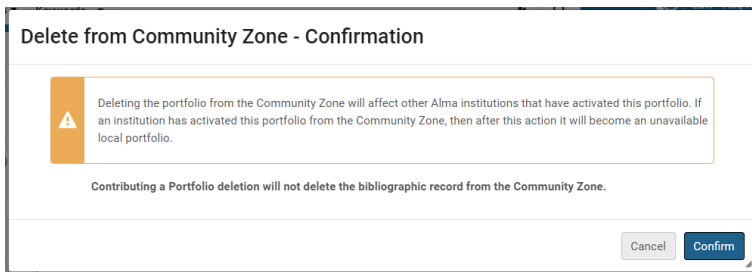
The option to delete portfolios from community managed collections enable full community independence over these collections and provides customers holistic control over content as now there is the options to contribute, edit and delete portfolios from community managed collections.

Community managed electronic collections

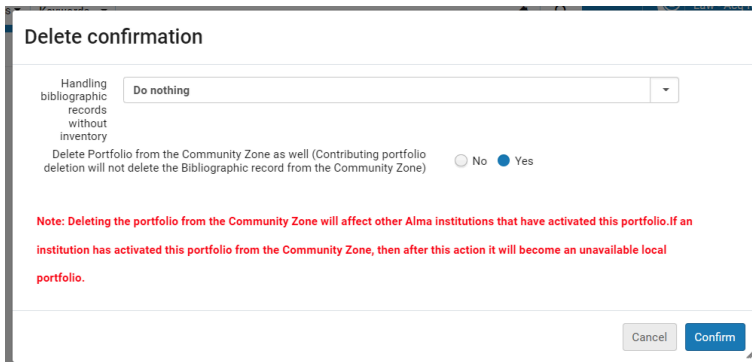
Collection name	Collection Community Zone-ID
Free E- Journals	61110976638852340
Miscellaneous EJournals	61111016833201000
Miscellaneous Free eBooks	61100000000001091
Miscellaneous eBooks	61100000000001090
U.S. Government Documents	61317000000000069

The option to delete a portfolio was added in 2 places:

1. New action on the Community Zone portfolio.



2. Enhancement to the existing **Delete** action on Institution Zone portfolios that are activated from the five Community Zone collections.



To delete portfolios directly from the Community Zone tab, users will need to make sure their institutions have Community Zone contribution privileges (please contact [Ex Libris support](#) to enable contribution option).

The existing privileges for deleting Institution Zone portfolios are maintained (**Electronic Inventory Operator Extended** role with the "Delete" privilege).

In case a Community Zone portfolio is deleted, any Institution Zone portfolio linked to the deleted portfolio will change its availability to "Not Available" and the portfolio is unlinked from the Community Zone.

BIB records are not deleted when a portfolio is deleted from the Community Zone.

The deletion of the record from the Community Zone is irreversible and is not immediate and may take a while to be

reflected in the Community Zone.

In the Institution Zone - the deletion is possible from:

- Portfolio list
- Service editor
- Portfolio search

---

## Efficient Management of Electronic Resources Using KBART

### August 2022 Electronic Resource Management

Alma Portfolio Loader now supports using KBART format files for electronic resource management of electronic collection portfolios (in addition to the existing Alma Proprietary format).

Numerous providers use KBART format files to share the library electronic holding. These files can now be used directly in Alma Portfolio Loader without the need to convert the file to Alma proprietary format.

Watch the [Load Portfolios to a Collection Using KBART Format](#) video (2:01 minutes).

Watch the [Load Portfolios to a Collection Using KBART Format](#) video (2:01 minutes).

---

## Upload Electronic Holdings from Taylor and Francis

### August 2022 Electronic Resource Management



#### Idea Exchange

Automatic [Upload of Electronic Holdings](#) enables libraries to update their holdings within the Taylor and Francis ebook electronic collection. Once the Upload Electronic Holdings integration profile is configured and enabled, the process automatically downloads a KBART formatted holdings file from the Taylor & Francis platform, uploads the file and updates your holdings in the Taylor and Francis electronic collection. This integration saves users from the need to manually update the portfolios which were updated on the Taylor and Francis side.

---

#### Note

All portfolios that are updated via the various upload electronic holdings integrations modifies the portfolio as **Available**.

---

#### Integration Profile

For more information see [Upload Electronic Holdings from Taylor and Francis](#)

---

## Dublin Core - Enable Normalizing Metadata Fields for Search and Display

### August 2022 Digital Resource Management

Libraries are now able to define how to display metadata elements from Dublin Core (DC) and which DC terms to index.

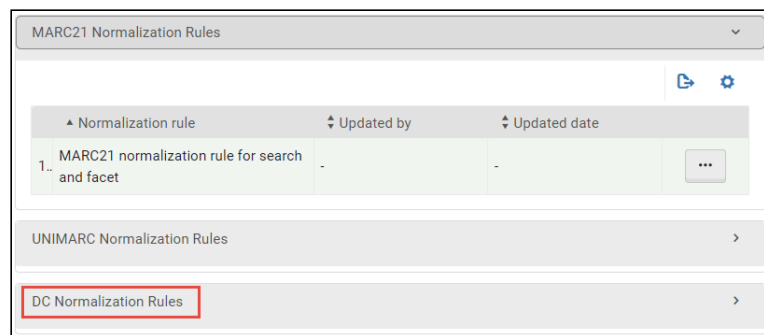
This allows more flexibility when displaying or indexing DC fields (DCTERMS and DCAP - DC application profiles fields).

The flexibility extends for Dublin Core (DC) records' mapping for display, search and facet.

An option is added to include local fields with normalization rules for search and facet from DC records, and also an option to edit the existing rules for display fields.

As with MARC21 and UNIMARC, it is now possible to use the **Manage Display** and **Local Fields** pages to customize the mapping of data for the DC format.

With the new **DC Normalization Rules** section, you can now customize the normalization rules for the out-of-the-box Display fields (such as **Description** and **Genre**) on the "Define a Display Field" page.



#### DC Normalization Rules

Local fields enable you to create custom mappings for data from a DC source for search and facets as well as for display.

For more information, see [Adding a Local Field](#).

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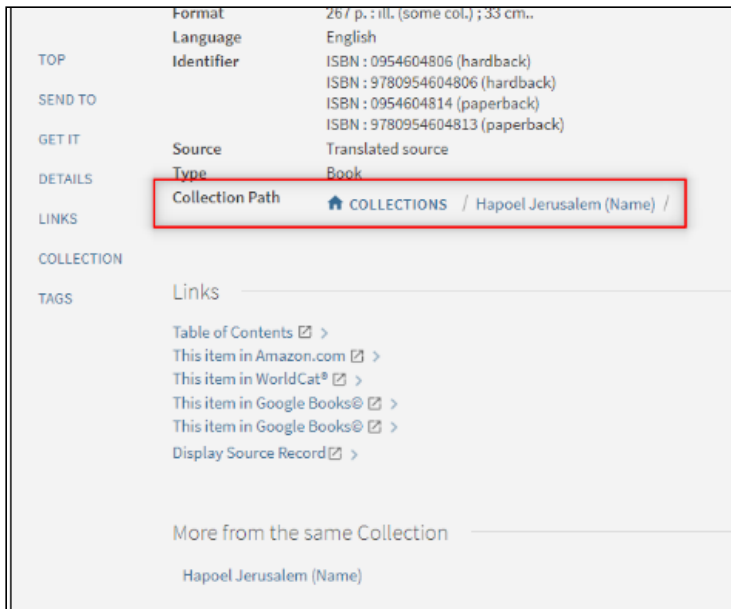
## Display Collection Discovery for Specific Libraries/Institutions

### August 2022 Digital Resource Management



#### NERS Enhancement (ID #7402)

Primo enhanced its ability to display Collection Discovery for Alma libraries or campuses making it more granular to the level of libraries, based on Alma's association of collections to libraries. Previously, Collection Discovery was only at the institution level that created an undesirable display of materials for one library displaying in all other libraries when they are not owned nor accessible by any other library. The enhancement enables targeted localization of Collection Discovery by granular levels, for both individual libraries by view and institutions libraries in consortia. This enables sites to select to display Collection Discovery elements for only those selected views and libraries.

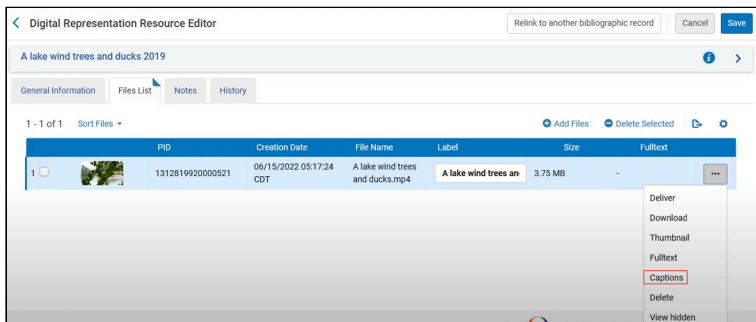


**Collection Path indicating the specific library**

## Captions Now Supported for Video Files

### August 2022 Digital Resource Management

The Alma Viewer now supports the display of captions for video files. To display captions, you must upload a captions file in `.vtt` format that contains the captions. To support this, `.vtt` files for captions can now be uploaded in bulk as part of an import and a new **Captions** option was added to the actions available for a video file on the **File List** tab for a representation in the Digital Representation Resource Editor:





### Captions

Selecting this option displays the Captions Management page where you can upload a captions file, delete an uploaded captions file, and download an uploaded captions file.

### Captions Management

Download existing

Upload
  Delete

Captions Upload   

#### Captions Management

After you upload a captions file for the video, the captions appear when the video is played.

You can toggle the captions to be on or off from the viewer by selecting the closed captions icon and selecting **captions on/captions off**.



#### Toggle Captions

In addition, you can now search for files with captions in the Alma repository with the **Digital File > Has Captions** option.

For a video describing adding captions to video files, see [Adding closed captions and subtitles for videos in Alma Digital](#).

## Universal Viewer Now Supports Non-Image Files

### August 2022 Digital Resource Management

The Universal Viewer now supports the display of non-image files such as PDFs, video, and audio files.

This was made possible by a major upgrade of the IIIF framework to Presentation API v3, in addition to a Universal Viewer upgrade, which allows for the delivery of a wider range of file formats by the Universal Viewer.

The following is an example of a video file playing in the Universal Viewer:



#### Video File in Universal Viewer

Watch the [Universal Viewer for Alma Digital Now Supports Non Image Files](#) video (4:38 minutes).

## Additional Community Zone collections for associating OASIS/GOBI Portfolios created via Real Time Order

### August 2022 Acquisitions

For orders originating from OASIS/GOBI, Alma attempts to locate the relevant portfolio located within a Community Zone collection using the vendor-proprietary identifier number or the ISBN/ISSN and activate it within the relevant collection in the institution. For this functionality to work it is important that the relevant collection is activated from the Community Zone in the institution. In cases where Alma does not find a matching portfolio in the relevant Community Zone collection or if the relevant collection is not activated in the institution, a stand-alone portfolio is created in Alma and is not linked to a Community Zone portfolio. See [OASIS/GOBI vendors list](#) for a list of Community Zone collections that support this functionality.

For OASIS, support was added for the following Community Zone collections:

Provider name	Collection name	Collection ID
Manchester University Press	Manchester Hive	61549000000000250
John Benjamins	John Benjamins Books	61382000000000062
Gale GVRL	Gale eBooks	611000000000000731

For GOBI, support was added for the following Community Zone collections:

Provider name	Collection name	Collection ID
John Benjamins	John Benjamins Books	613820000000000062
Duke University Press	e-Duke All Books	6154100000000000518
Gale GVRL	Gale eBooks	6110000000000000731
Wolters Kluwer	Books@Ovid Purchase	612430000000000018
Manchester University Press	Manchester Hive	6154900000000000250

---

## General Publishing Network Zone - Option to Exclude Member's Local Bibliographic Records

### August 2022 Collaborative Networks

When publishing consortia records from the Network Zone it is possible to exclude local records that are managed by members.

This is especially useful when members' local records are private to the member.

For more information, see [Exclude Local Bibliographic Records](#).

---

## Configure the User Form

### August 2022 Administration and Infrastructure



#### Idea Exchange



#### NERS Enhancement (ID #7456)

It is now possible to configure the fields that appear in the **Patron Registration** and the **Edit User Info** (from the Manage Patron Services page) forms in Alma.

The new option makes it possible to configure a form that is fine-tuned to the library's needs and manages only the information the library wants to manage.

For more information, see [Configuring Patron Information](#).

---

#### Note

It is also possible to determine which address/email/phone types appear on the form. This option can be activated by Ex Libris. Please contact [support](#) for assistance.

Watch the [Configure the Quick User Management Form](#) video (2:06 minutes).

---

## Configurable Sorting by User Name in Users List

### August 2022 Administration and Infrastructure

Previously, sorting the users' list by name was only possible by the users' last name. A configuration option now enables changing the way names are used for sorting, for example, to sort by first+middle name and then by the last name.

The configuration can be done by using the **User Management Configuration > User Name Display** menu to configure the `sort_user_list` line.

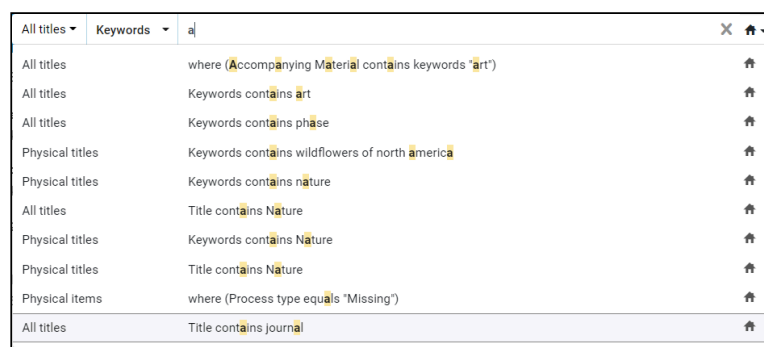
This enables libraries to set the name sorting to be aligned with how they've chosen to display names in the user list, for example, first+last name or last+first+middle name.

---

## Accessibility Improvement: Search Terms Now Emphasized with Yellow Highlight in Addition to Being Bold

### August 2022 Administration and Infrastructure

To improve accessibility and clarity, search terms are now emphasized by a yellow color mark in addition to them being bold.



All titles ▾	Keywords ▾	a	✕	⌵
All titles	where (Accompanying Material contains keywords "art")			⌵
All titles	Keywords contains art			⌵
All titles	Keywords contains phase			⌵
Physical titles	Keywords contains wildflowers of north america			⌵
Physical titles	Keywords contains nature			⌵
All titles	Title contains Nature			⌵
Physical titles	Keywords contains Nature			⌵
Physical titles	Title contains Nature			⌵
Physical Items	where (Process type equals "Missing")			⌵
All titles	Title contains journal			⌵

### Search Terms

---

## New Security Directives Added to Content Security Policy

### August 2022 Administration and Infrastructure

This feature has been delayed and will be made available with a future release.

Content Security Policy is a layer of security that helps to detect and mitigate certain types of attacks, including cross-site scripting and data injection attacks. To enhance security, the following directives were added to the Content Security Policy:

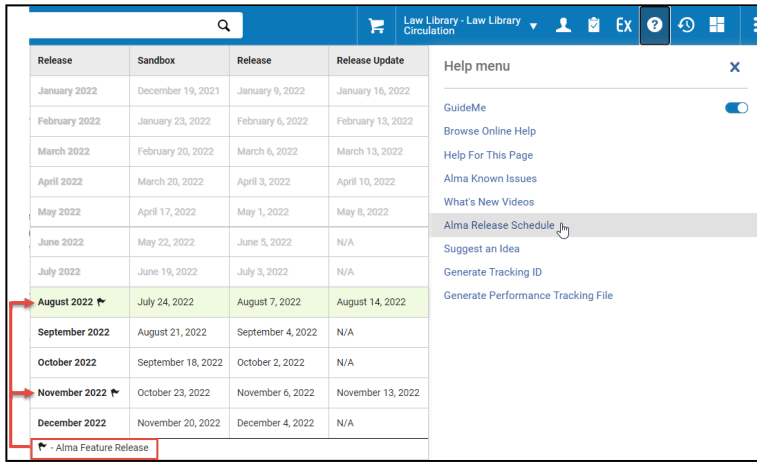
- `form-action` – restricts URLs that can be the target of form submissions
- `base-uri` – restricts URLs that can be used in HTML 'base' element
- `script-src` – restricts valid sources for JavaScript
- `frame-src` – restricts URLs that can be loaded in nested elements such as `<frame>` and `<iframe>`
- `connect-src` - restricts URLs that can be loaded using a specified list of web APIs

---

## Visual Enhancement to Alma Release Schedule in UI

### August 2022 Administration and Infrastructure

Alma has visually enhanced its Alma Release Schedule from the UI's Help menu. The new tabled format and added icon enable a visual distinction indicating when the quarterly feature releases are scheduled.



### Alma Release Schedule from Help Menu

## New Feature Rollout Configuration

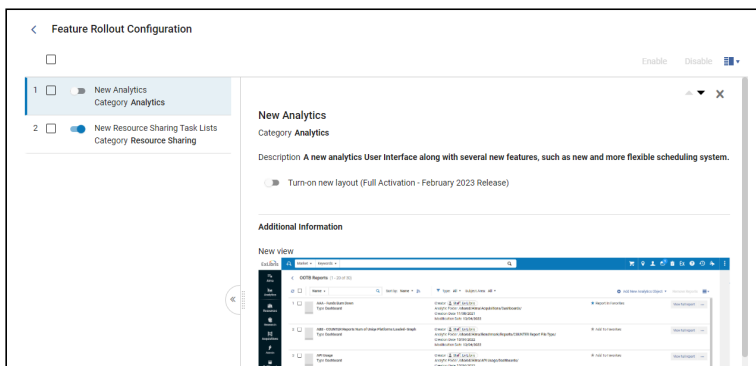
### August 2022 Administration and Infrastructure

As Alma shifts more and more areas and functions to its new user interface there is a growing need to enable a controlled and gradual process for the user to learn and get used to the new features. The new feature rollout configuration is designed to respond to this need by enabling individual users and institutions to easily select whether they would like to "Opt-in" and try out and use new layouts or continue using the previous versions temporarily during their initial rollout periods. In addition to the user benefiting from a gradual learning process, this option also enables Ex Libris staff to ensure that new features are working properly and for Alma users to become acquainted with them before they fully replace any existing processes. Rollouts of new features take place over a period of at least two quarterly releases. Once the rollout period is over, new features are implemented globally and cannot be deactivated.

Individual users can activate and deactivate new features for themselves from the **User** menu (*persistent menu* >



> Feature Rollout Configuration). For additional information, see [Opting In or Out of a New Feature](#).



### Feature Rollout Configuration for individual users

Institutions can change the default option for their institutions in the configuration settings (**Configuration Menu > General > User Interface Settings > Feature Rollout Configuration**). For additional information, see [Feature Rollout Configuration](#).

The screenshot shows the 'Feature Rollout Configuration' page for 'New Analytics'. The left sidebar lists three items: 'New Analytics' (Turned-on), 'New Resource Sharing Task Lists' (Turned-on), and 'New Unified PO Line Task List' (Turned-off). The main content area for 'New Analytics' includes a description, a 'Phases' section with a default setting of 'Off by default (Default from November 2022 until January 2023)', and 'User Statistics' showing 329 users (50 in 'turn on mode' and 279 in 'turn off mode'). Below this is a 'User Status List (50)' table with columns for Name, Status, and Turn on / off date.

Name	Status	Turn on / off date
1. Smith, Jamie	Turned-off	19/06/2022
2. Staff, Ex Libris	Turned-off	19/06/2022
3. Baister, Mary	Turned-off	19/06/2022

### Feature Rollout Configuration for institutions

Watch the [Opting In or Out of a New Feature](#) video (2:34 minutes).

## New Privilege to Control Access to User History

### August 2022 Administration and Infrastructure

A new Privilege has been created that makes it possible to control which user roles have access to user history. This new option makes it possible to keep private user information more secure by preventing users who do not need to see this information, such as circulation-desk operators, from being able to access it.

If your system includes roles that currently have access to user history, and you would like to limit their access to this information, please contact Ex Libris support.

Watch the [New Privilege to Control Access to User History](#) video (1:04 minutes).

## Test a Printer Configuration Option

### August 2022 Administration and Infrastructure



#### Idea Exchange

Alma has incorporated a **Test** option on the Printer configuration page (**Configuration menu > Fulfillment > General > Printers**) that enables users to send a test HTML to the printer to verify that the printer is operational with Alma.

Printers Back

1 - 4 of 4

+ Add Printer

Code	Name	Printouts Queue	Email	Description	Serviced Units	
AcqE...	Acquisitions / Tech Services printer		D0FCE58EF1337...	-	Technical Services	...
Rsrvs...	Course Reserves printer		D0FCE58EF1337...	-	Course	Edit Delete Test
UTDE...	UTD Email Printer		D0FCE58EF1337...	UTD Printer with email address	-	...
UTDP...	UTD Print Daemon	✓	D0FCE58EF1337...	Print Profile to use with Alma Print Daemon	-	...

### Test printer option

## OpenURL Service Details Dimension Available for Reporting on Clicked Services

### August 2022 Analytics

You can now create reports for the number of times a service was clicked. To allow this feature, the **OpenURL Service Details** dimension was added to the Link Resolver Usage subject area. It contains the following fields:

- Electronic Collection ID
- Electronic Collection Name
- Interface Name
- Is Clicked Service
- Is Digital Service
- Is Electronic Service
- Is Network Service
- Portfolio ID
- Service Type

For more information, see [OpenURL Service Details](#).

## Collaborative Collections Retention Item Designators - API

### August 2022 API

This feature will be made available with the Release Update on August 14.

Collaborative collecting agreements are increasingly critical for libraries in managing collections and access across institutions. Formal agreements require libraries to commit to retain specific items. As a result, three new fields were added to the Item-related APIs:

- retention\_note
- retention\_reason
- committed\_to\_retain

---

## Note

The above mentioned fields are related to the previous release (where these new fields were added to items).

---

For more information, see [Rest Item](#).

Watch the [Commit to Retain an Item for a Collaborative Collection](#) video (3:01 minutes).

---

## Support Copying of License Terms Using the License API

### August 2022 API

The Copy Network Zone License Cloud App now enables users to copy licenses with all attached entities including License Terms that exist in the Network Zone to the Institution Zone.

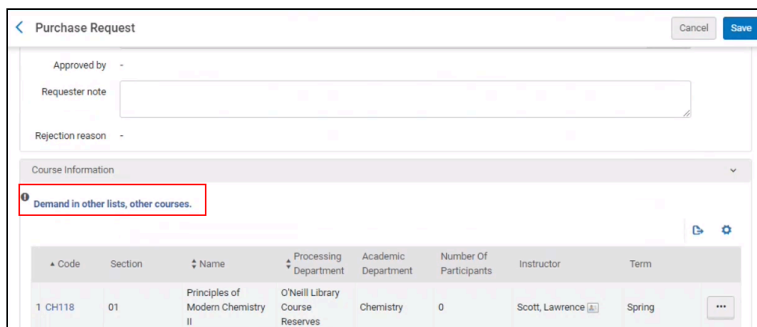
For more information, see [Copy Network Zone License](#) in the Developer Network.

---

## Use "Demand in Other Lists" to Support Purchasing Decisions

### August 2022 Fulfillment - Course Reserves

For purchase requests created from a citation, the **Course Information** section of the purchase request now includes a **Demand in other lists, other courses** link. Selecting the link opens the **Manage Resource Options** window, enabling you to easily view information (such as course, number of participants, tags, etc.) about this citation in other lists and courses.



The screenshot shows a 'Purchase Request' form. At the top, there are fields for 'Approved by', 'Requester note', and 'Rejection reason'. Below these is a 'Course Information' section with a dropdown arrow. A link labeled 'Demand in other lists, other courses' is highlighted with a red box. Below the link is a table with the following data:

Code	Section	Name	Processing Department	Academic Department	Number Of Participants	Instructor	Term
1 CH118	01	Principles of Modern Chemistry II	O'Neill Library Course Reserves	Chemistry	0	Scott, Lawrence	Spring

### Demand in other lists, other courses link in a purchase request

For more information, see [Managing Purchase Requests Created from Citations](#).

---

## View Reading List Tags in the Demand in Other Lists Table

### August 2022 Fulfillment - Course Reserves

When reviewing and processing citations, library staff can view "Demand in other lists". And use it to understand which other reading lists or courses utilize the same resource. The **Demand in other lists, other courses** table now includes a new **Citation Tags** column. This column enables library staff to easily determine which citation tags are associated with the citation in other lists. For citations with multiple tags, the tags are listed separated by a semicolon (;). The column is hidden by default.

Course Code	Course Name	Section ID	Academic Department	Processing Department	Instructor	Start Date	End Date	Number of Participants	Reading List Name	Reading List Status	Section Name	Citation Tags	Citation Status
1 83608	83608	-	-	Main Library	-	22/0...	22/0...	20	Assignment	Being Prepared	-	Mandatory Reading	Being Prepared
555	555	-	History	History	Multiple	09/0...	10/0...	15	ChangeList...	Being Prepared	Resources	Mandatory Reading	Being Prepared

## Citation Tags column

# Automatically Assign Reading Lists

## August 2022 Fulfillment - Course Reserves

To automate the process of assigning reading lists to library staff for processing, we added the parameter **auto\_select\_list\_assignee** ([Configuration > Fulfillment > General > Other Settings](#)). When a reading list is associated with a course and **auto\_select\_list\_assignee** is set to `true`, the list is automatically assigned to a processing department operator ([Configuration > Fulfillment > Courses > Processing Department > Operators tab](#)) from the course's processing department at random. When set to `false`, the **Assignee** can only be set manually. The default setting for this parameter is `false`.

Code	Name	Status	Assigned	Due Back Date	Alerts
0.60572724745196	Medicine in Ancient Times	Being Prepared	-	31/12/2016	-
0.4443919792238504	Introduction to Health & Human Services	Being Prepared	-	13/05/2021	✓
0.27827926340899267(1)	Animal Population(1)	Being Prepared	-	-	-

## Reading List Assignee

Name
1 Abait, Latina
2 Baccam, Louanne
3 Aase, Luther

## Course Operators

If the **Operators** list for a processing department is blank, the list will not be automatically assigned.

When multiple courses are associated with a list, the **Assignee** is selected from the processing department of the first course that was associated with the list.

For imported reading lists, if the import file includes an **Assignee**, the **Assignee** is assigned to the reading list. If the file **Assignee** is blank, the list is assigned to an operator from the processing department at random.

For rolled over reading lists, if the rollover job is configured to copy the **Assignee**, the **Assignee** is assigned to the list. If the **Assignee** is blank, or the rollover job is not configured to copy the **Assignee**, the list is assigned to an operator from the processing department.

If a course is deleted or unassociated with a list, the current **Assignee** remains assigned to the reading list.

For more information, see [Assigning a Reading List Automatically](#).

---

## Vendor-Controlled PO Line Renewal - EBSCO

### May 2022 Acquisitions

EBSCO now supports Vendor-Controlled Renewals that enables customers to renew subscriptions within EBSCONET and have the matching continuous PO line in Alma renewed automatically. This integration enables EBSCONET to automatically update a PO line once a subscription is renewed and as a result, save duplication of work for the user. This integration joins the existing ProQuest RenewMe integration for subscription renewals.

See [Vendor Controlled Renewals](#) for more information on how to enable this functionality.

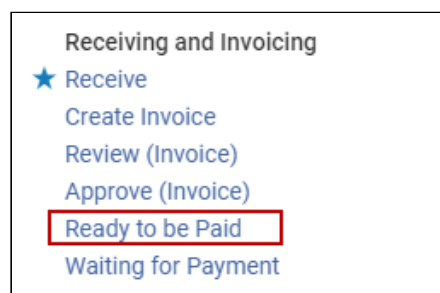
[See here](#) for more information on how to set this integration within EBSCONET.

---

## Invoices - New Menu Entry to Present Invoices: **Ready to be Paid**

### May 2022 Acquisitions

A new **Ready to be Paid** menu link (**Acquisitions > Receiving and Invoicing**) presents users a list of invoices that are approved and are now waiting to be processed by Alma and move to **Waiting for Payment** status.



**Ready to be Paid**

---

## Note to Vendor Added to the Excel File When Exporting List of PO Lines to Excel

### May 2022 Acquisitions



#### Idea Exchange

An option to present the "Note to vendor" is added to the file exported to Excel when exporting a list of PO lines (Export all fields). This enables users to review PO lines more efficiently.

---

## Alphabetical Sorting of Libraries in GetIt - Support for Languages

### May 2022 Administration and Infrastructure

Previously, sorting of the item list in the GetIt section in Primo is by one of the following options:

- Priority (based on a number of available items per library) – default option
- Alphabetically
- Custom

In cases where the Alphabetical sorting was selected and there are diacritics in the location name that the item belongs to, this does not come into consideration.

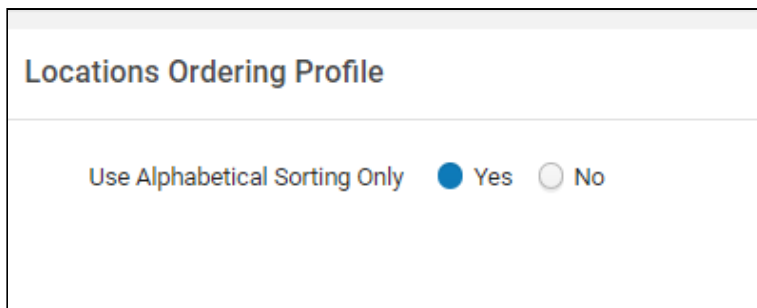
Now, when the sorting is configured to be Alphabetical [[Alma Configuration > Fulfillment > Discovery Interface Display Logic > Locations Ordering Profile > Use Alphabetical Sorting Only = Yes](#)], Alma uses the UI interface language to determine whether diacritics should be handled when sorting Alphabetically the item list in the GetIt section.

---

#### Note

In cases where there is no 'special' diacritics handling for the selected language, the fallback behavior (sorting by priority) remains.

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#### Locations Ordering Profile

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## Work-Order-Type Name - Support Multiple Translations

### May 2022 Administration and Infrastructure



#### Idea Exchange

Previously, Work-Order-Type names had a single monolingual field for their name. As a result, it is not possible to provide a translation for these labels. Now, Alma enhanced its capabilities to define language variants for the names of Work-Order-Types. The enhancements include:

- An added language (globe) icon for the **Work-Order-Type** field.
- Based on the current language of the staff or patron, the relevant value is displayed.

---

#### Note

This enhancement is only relevant when multiple languages are defined for an institution.

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## Improvements in Import Code Tables

### May 2022 Administration and Infrastructure

The importing and exporting of code tables is improved with regards to handling of translations for such tables. The improvements include:

- Making the export sensitive to the language.
- Having the Header of the column include the language.
- Full support for fixed-rows code tables and making them available for all relevant code tables.

---

## Add Time in Loan Date Field in Courtesy Letter

### May 2022 Fulfillment



#### Idea Exchange

In the Courtesy Letter, a new field element for **loan date** now includes time. This added field's format appears as follows: `<new_loan_date_str>05/20/2021 22:00:00 PDT</new_loan_date_str>`.

---

#### Note

The field is available in the XML of the generated letter and can be added to the letter XSL template if required.

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## Form Based Indication Rules for Refining Repository Search Results by MARC Tags and Subfields

### May 2022 Resource Management



#### Idea Exchange



#### NERS Enhancement (ID #6795)

It is now possible to create indication rules using a structured form, thus making the process easy and intuitive. The new format enables entering the different fields and subfields and values in a wizard-like fashion, and provides popup assistance when entering tags and tag names. This is especially useful for users who are not experts in cataloging. Relevant use cases: Refining a set of records using values that are not part of the pre-defined index.

---

#### Note

For UNIMARC/CNMARC, control fields work as text fields. Ex Libris plans to support working in the control tokens in a later release.

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Watch the [Creating Filtered Sets Using Indication Rules](#) video (5:57 minutes).

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## Semi-Annual Re-indexing

### May 2022 Resource Management

During May, the semi-annual re-indexing (described in greater detail in [Updates](#)) will be run. Features or resolved issues that require re-indexing to be fully functional will be addressed by the May semi-annual re-indexing. See the list below:

- Field 335 was added and field 345 was renamed. See [here](#).
- UNIMARC / CNMARC Updates. See [here](#).
- Support for Lithuanian Alphabet. See [here](#).
- Configuring Browse Bibliographic Headings and Selection Display - UNIMARC & CNMARC. See [here](#).
- UNIMARC Format (ABES and BNF) Updates. See [here](#).
- Configuring Browse Bibliographic Headings and Selection Display. See [here](#).
- Support for Traditional Chinese Authority URI Enrichment. See [here](#).
- Extending Authority Fields to be Used for an Authorized Bibliographic Field. See [here](#).

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## Set Unavailable Physical Items Process Types

### May 2022 Resource Management



#### Idea Exchange



#### NERS Enhancement (ID #7177 7350)

Library staff now have better control over process types: placing and removing institution-level work order types using the **Change Physical items information** job, searching by work order type and excluding a specific work order type from discovery. The work order types were enhanced to streamline workflows, allowing handling in bulk and without scanning items in. This is especially useful when the library needs to mark a large set of items as unavailable in a way that's reflected in discovery, such as due to renovations or COVID restrictions.

Example use case:

A room in the library has to be closed due to mold. Now staff can:

1. Create a work order type called **mold cleaning** (configuration is minimal: Alma automatically generates a work order department, which the institution can select to use/ignore/change as needed).
2. Create a set of all items in the room.
3. Run a job to add the new work order type to all the items. This is immediately reflected in Get It (using the work order type label, which OTB is displayed as **"In process of {mold cleaning}"**).
4. Once the mold issue is resolved, run the job again to remove the work order and make the items available again.

---

## Note

After adding a new work order type, please log out and log in again in order to make the [Physical Item Search > InProcess](#) index's drop down to be refreshed.

---

Watch the [Update Physical Items in Bulk to Be In Process](#) video (3:20 minutes).

---

## Batch Update Electronic Collection Attributes (NERS 6969)

### May 2022 Resource Management



#### NERS Enhancement (ID #6969)

With this new functionality, library staff can update attributes of a set of electronic collections in batch using a dedicated job. Library staff can select which attributes to update and under which conditions.

This functionality is useful for various use cases such as:

1. A vendor announces platform maintenance that will make the platform inaccessible for several hours. There is a need to batch-apply to all the collections on that platform the same **Authentication Note** stating that the platform is unavailable. Then, when the maintenance is over, there is the ability to batch-remove the same note.
2. A vendor announces that the URL syntax is changed. There is a need to batch change the Electronic Collection Level URLs.
3. Update electronic collections to use the same proxy server.

Watch the [Batch Update of Electronic Collection Attributes](#) video (3:02 minutes).

---

## New field '**COUNTER Platform derived from Interface**' for Future Optimization of Cost/Usage Reports

### May 2022 Resource Management

The **COUNTER Platform derived from Interface** field is displayed in the Electronic Collection Editor and the Electronic Portfolio Editor. The field is a read-only field and is displayed in the 'General' tab of the Electronic Collection/Electronic Portfolio. Content of the field includes the Counter Platform for the resources and is calculated based on the Interface of the electronic resource to which it belongs.

How will this information be used?

In an upcoming release the **COUNTER Platform derived from Interface** will be used in the following way:

For cases in which there is more than one COUNTER report for the same resource, Alma uses the 'COUNTER platform' set by the library at the level of the electronic collection/portfolio. If it is not defined, Alma **will** use the value in the **COUNTER Platform derived from Interface** field.

---

## Disable Item Description Confirmation Message

### May 2022 Resource Management



## Idea Exchange



### NERS Enhancement (ID #6664)

The confirmation message “The description may need to be updated as well (using the generate button)” was improved to only show when relevant fields were changed and the description was not generated or updated manually. Customers who never require a reminder for updating the description are able to disable it completely.

Customers who never require a reminder for updating the description are able to disable it completely using the new `show_item_description_confirmation_message` customer parameter. For more information, see [Configuring Other Settings \(Resource Management\)](#).

Watch the [Disable Item Description Confirmation Message](#) video (1:28 minutes).

## Local Call Number and Other Classification Number Now Displayed in All Titles Search Results

### May 2022 Resource Management

You can now configure the **Local Call Number** and **Other Classification Number** to appear in the brief search results of an All Titles repository search. To configure this feature, select the configuration icon from the search results page and select **Local Call Number** and **Other Classification Number**.

#### Note

This feature requires indexing and will be fully available after the semi-annual indexing.

The screenshot shows the 'Customize view' interface for 'Title information order'. It features a grid of fields organized into three columns. The 'Local Call Number' and 'Other Classification N...' fields are highlighted with a red box, indicating they are the focus of the enhancement.

Column 1	Column 2	Column 3
<input checked="" type="checkbox"/> Type / Creator / Impri... +	<input checked="" type="checkbox"/> Medium Type +	<input checked="" type="checkbox"/> Orders +
<input checked="" type="checkbox"/> Subject +	<input checked="" type="checkbox"/> Language +	<input checked="" type="checkbox"/> Peer Reviewed +
<input checked="" type="checkbox"/> Series +	<input checked="" type="checkbox"/> Open Access +	<input checked="" type="checkbox"/> Managed by +
<input checked="" type="checkbox"/> Relation +	<input type="checkbox"/> Language Of Catalogi... +	<input checked="" type="checkbox"/> Requests +
<input checked="" type="checkbox"/> Creation Date +	<input checked="" type="checkbox"/> ISBN +	<input checked="" type="checkbox"/> MMS ID +
<input checked="" type="checkbox"/> Modification Date +	<input type="checkbox"/> ISBN (13) +	<input type="checkbox"/> Local Call Number +
<input checked="" type="checkbox"/> Edition +	<input checked="" type="checkbox"/> ISSN +	<input type="checkbox"/> Other Classification N... +
<input type="checkbox"/> Uniform Title +	<input checked="" type="checkbox"/> Record number +	

#### Local Call Number and Other Classification Number

Watch the [Display Local Call Number and Other Classification Number in Search Results](#) video (52 seconds).

## Exporting Bibliographic Records and Portfolios Now Includes Network

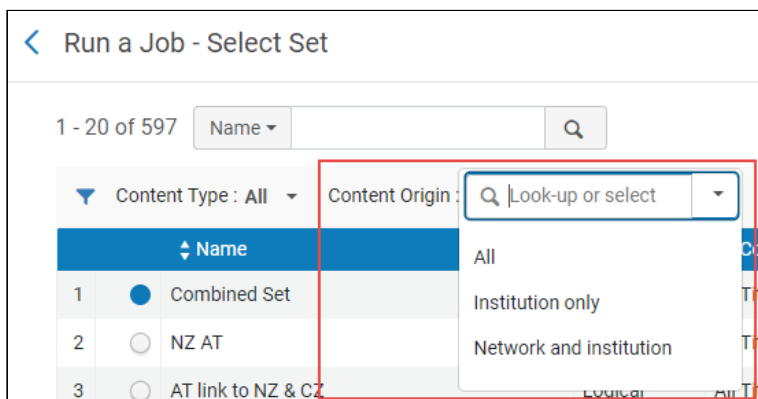
# Zone Resources

## May 2022 Resource Management

Members of consortia can now include bibliographic records and portfolios that are managed on their behalf in the Network Zone in export processes. This new functionality enables the sharing of library resources with third-party systems.

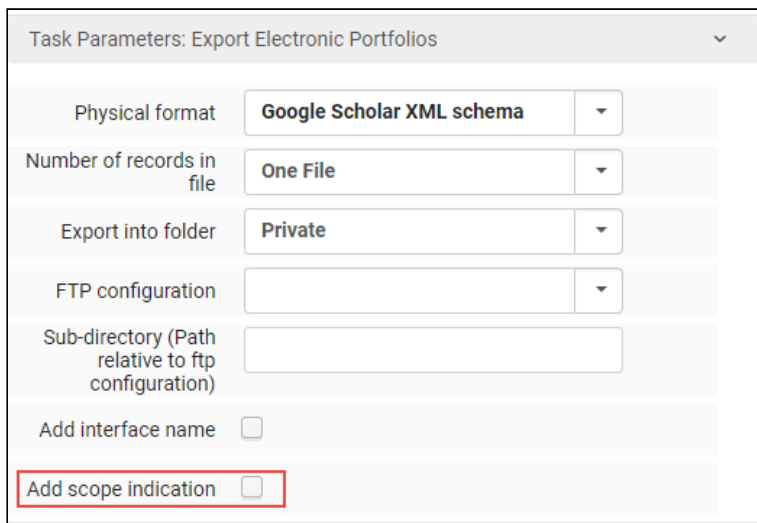
The Export Electronic Portfolios and Export Bibliographic Records manual jobs (**Admin > Manage Jobs and Sets > Run a Job**) support exporting sets that consist of combined Institution Zone and Network Zone bibliographic/portfolio records.

Members of consortia can create sets of records combined from the Institution Zone and the Network Zone (see [Combining Institution and Network Zone Search Results](#).) These sets can now be exported. To support this feature, the new **Content Origin** drop-down list was added to the List of Sets page that enables you to display sets whose members come from the Institution Zone, a combination of both the **Institution** Zone and **Network** Zone, or **All** records.



### Content Origin

In addition, when exporting combined sets with the Export Electronic Portfolios job, the new **Add scope indication** task parameter is now available:



### Add Scope Indication

Select this option to include the Institution code or the Network institution code of the electronic portfolio in the export file.

---

## Note

The export bibliographic records job handles the Network Zone records as if they were exported directly from the network, for example – the network MMS\_ID is put in the 001 and 035 fields.

---

For more information, see the **Export Electronic Portfolios** and **Export Bibliographic Records** jobs on [Manual Jobs](#).

---

## Collection Internal Description Now Available for Publishing

### May 2022 Resource Management

You can now configure the general publishing profile (**Resources > Publishing > Publishing Profile**) to enrich the bibliographic record with the collection internal description when publishing. This information can be useful for sharing internal information with third-party systems.

To support this feature, the **Collection Internal Description subfield** field was added to the Publishing Profile Details page. Indicate the subfield to which you want the collection internal description added to in the bibliographic record.

In addition, the existing **Internal Description subfield** field was renamed to **Portfolio/Service Internal Description subfield** to distinguish it from the **Collection Internal Description Subfield** field.

The screenshot shows the 'Electronic Inventory Enrichment' form with a dropdown menu set to 'v'. The form contains a grid of input fields for various subfields. Two fields are highlighted with red boxes: 'Collection Internal Description subfield' and 'Portfolio/Service Internal Description subfield'. The 'Add Electronic Portfolio Information' checkbox is checked.

Electronic Inventory Enrichment	
Add Electronic Portfolio Information <input checked="" type="checkbox"/>	
Repeatable field *	<input type="text"/>
Portfolio PID	<input type="text"/>
URL Type subfield	<input type="text"/>
Link Resolver Base URL	<input type="text"/>
Electronic Material Type subfield	<input type="text"/>
Proxy Selected subfield	<input type="text"/>
Interface Name subfield	<input type="text"/>
Public Note subfield	<input type="text"/>
Coverage Statement subfield	<input type="text"/>
Collection ID subfield	<input type="text"/>
Collection Internal Description subfield	<input type="text"/>
License Name subfield	<input type="text"/>
Additional PO Line subfield	<input type="text"/>
Create date subfield	<input type="text"/>
Activation Status	<input type="text"/>
Access URL subfield	<input type="text"/>
Static URL	<input type="text"/>
Library subfield	<input type="text"/>
Proxy Enabled subfield	<input type="text"/>
Authentication Note subfield	<input type="text"/>
Portfolio/Service Internal Description subfield	<input type="text"/>
CZ Collection Identifier subfield	<input type="text"/>
Collection Name subfield	<input type="text"/>
License Code subfield	<input type="text"/>
PO Line subfield	<input type="text"/>
Created by subfield	<input type="text"/>
Updated by subfield	<input type="text"/>

### Collection Internal Description Subfield

For more information, see the **Electronic Inventory Enrichment** section on [Publishing and Inventory Enrichment \(General Publishing\)](#).

---

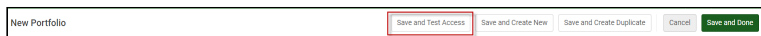
## A New Page Action **Save and Test Access** Was Added When Creating a New Portfolio

May 2022 Resource Management



### Idea Exchange

A new page action is added that enables the user to save the newly created portfolio and test the access simultaneously. This functionality saves the user from the need to save the portfolio and then test the access as a separate step.



### Save and Test Access

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## Physical Items Search by In Process Types

May 2022 Resource Management



### Idea Exchange



### NERS Enhancement (ID #7177 7350)

Currently, inventory operators can search for items according to process type, but couldn't distinguish between the different custom-defined "In Process Types" (work orders). Now, a new index is added for physical items with the "In Process Type" enabling operators to commence such searches.

---

## Metadata Editor Now Supports Safari

May 2022 Resource Management

The Metadata Editor now supports Safari on Mac OS.

---

## Support Overlay for MODS Import

May 2022 Digital Resource Management

You can now configure digital import profiles ([Resources > Import > Manage Import Profiles](#)) to overwrite existing bibliographic records when the imported record matches a record already in the repository. To support this enhancement, the **Overlay** option was added to the Match Actions section of the Match Profile tab. Select this option to have Alma overwrite the existing record with the new one.

Additionally, the **Do not Override Originating System** option was added. Select this option to maintain the originating system of the original record when it is overwritten by the new record.

### Overlay Options

In addition, you can now add a prefix to the identifier to be considered when matching records for Dublin Core records. To support this feature, the **Identifier Prefix** field was added.

### Identifier Prefix

Enter a value to match based on the prefix. Only identifiers with the prefix you entered are considered successful matches.

For more information, see [Creating/Editing an Import Profile: Match Profile](#).

## API Restrictions for User Segments APIs

### May 2022 API

The API restrictions integration profile is now enhanced to enable limiting the user CRUD APIs so that blocks and notes are affected only if their scope is the institution or a library that matches the libraries of the integration profile.

## MD Import Job Now Included in Recommendations for Jobs That Stopped Working

### May 2022 DARA

The Job Failure, No Data Processed, and No Job Instance recommendations report when jobs are not working properly. These recommendations now include the MD Import job, in addition to the SIS Synchronization job.

For more information, see [DARA – Data Analysis Recommendation Assistant](#).

## Name Change to PO Line Workflow Step from: "Waiting for Renewal" to "Recurring Renewal"

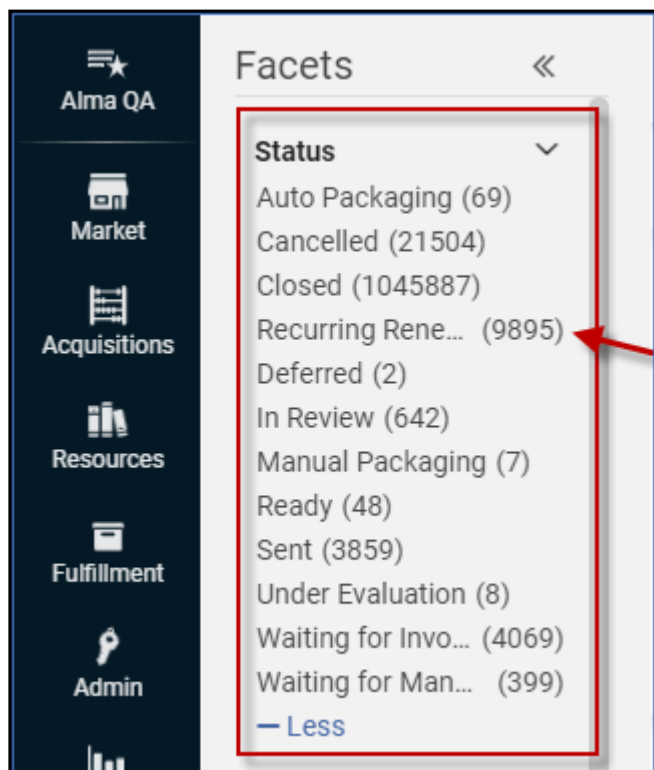
### April 2022 Acquisitions

The existing PO line workflow step (status) "Waiting for Renewal" name is modified and now named "Recurring Renewal". This workflow step is still associated with "Continuous" PO lines that have Automated renewal or Manual Renewal selected. PO lines that are set for Manual Renewal still change their status to "Waiting for Manual Renewal" when the relevant

renewal time arrives. This is a label change only and is set to better reflect to the user the workflow step of PO lines that are either renewed automatically or manually.

### Note

This change will be reflected in all areas of Alma including facets and has no other implications.



### PO Line Workflow Status Step - Recurring Renewal

## Search PO Lines By Their Internal Note

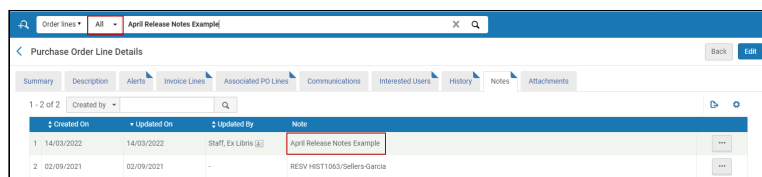
### April 2022 Acquisitions



### Idea Exchange

The existing "All" index was enhanced to search PO lines by their internal notes. Users can search by the full note description or perform a search by a partial description of the note content.

This enables Acquisitions staff to find specific PO lines by searching their notes. Internal notes can also be searched using the new dedicated **Internal Notes** search index.



Watch the [Search PO Lines by Their Internal Note](#) video (53 seconds).

---

## Support for 'From' Address in Letters

April 2022 Administration and Infrastructure



### Idea Exchange

Library-specific patron letters/emails can now have a specific 'From' address. This allows patrons to reply back to the appropriate library.

See [Configuring Institution/Library Contact Information](#).

Watch the [Add a 'Reply' to Email Address for Library Specific Letters](#) video (1:45 minutes).

---

## Option to Set the Lender Locate to Ignore Electronic Resources for Physical Requests

April 2022 Fulfillment-Resource Sharing

It is now possible to configure the Resource Sharing library so that electronic titles are automatically bound to a new lending request, only if the request is made in digital form.

The new option makes the lender locate process more accurate by matching electronic titles only if the request is for a digital supply.

The new option is configured on the Resource Sharing library configuration. For more information, see: [Configuring Parameters of a Resource Sharing Library](#).

---

## Push Borrowing Requests for Further Processing in Tipasa or WorldShare ILL

April 2022 Fulfillment-Resource Sharing

It is now possible to push borrower requests into Tipasa or WorldShare ILL, where they will be further processed as borrower requests. In the case of Tipasa, NCIP updates are also sent to Alma as required. This is similar to an already existing integration option with ILLiad.

This new option enables requests that have not been fulfilled by a local peer-to-peer rota to be automatically pushed into the above mentioned broker systems, where they are further processed as a broker-managed request. This eliminates the need to manually transfer such requests to these systems.

For more information, see [Resource Sharing Partners](#).

---

## Regular Expression for Creating Users in ILLiad

April 2022 Fulfillment-Resource Sharing

Whenever requests are exported to ILLiad with a user ID, the user that is used can be manipulated with a regular expression in order to match the ILLiad ID structure. For example, ID may be an email address but be exported without the

domain information. The regular expression may be defined on the new **User identifier regex** attribute of the ILLiad partner record. For more information, see [Resource Sharing Partners](#).

---

## Configuring Browse Bibliographic Headings and Selection Display – UNIMARC & CNMARC

### April 2022 Resource Management

Starting from February 2022, institutions that work with MARC 21 profiles can configure the mapping for bibliographic headings browsing for MARC21 profiles, based on the pre-defined mapping provided by Ex Libris out-of-the-box (see [Configuring Browse Bibliographic Headings and Selection Display](#)). Now institutions that work with UNIMARC and CNMARC profiles can also define their own mapping. This helps librarians that are browsing through bibliographic headings to see the information they find relevant for their institution.

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.

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

---

## General Publishing - Publish Portfolio Static URL

### April 2022 Resource Management

Library staff can now publish a static URL that is defined at the level of an electronic portfolio. This is especially useful when the library needs to share electronic portfolios with 3rd party systems that need direct access to electronic resources (as opposed to access via Alma Link Resolver).

To support this, the General Publishing page now includes an option to extract the portfolio Static URL.

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

---

## Defining Library as a Basic Search Scope for Physical Items Search

### April 2022 Resource Management

Continuing the development from February 2022 (see [Library as a Basic Search Scope for Holdings Search](#)), when doing a Physical Items search, the Inventory Operator and other users can now limit the scope of their search to specific libraries they always search in. This reduces the need to define the library in the Advanced search or to use facets for every search. It is mostly relevant for librarians working in institutions with many libraries, where they are responsible for just a few of them.

See [Searching in Alma](#).

Watch the [Select Libraries as Search Scope for Physical Items Search](#) video (1:14 minutes).

---

## Metadata Editor: Default Action Changed to "Create New Record from Template"

### April 2022 Resource Management

Continuing the enhancement from last month (see [Metadata Editor: Default Action Changed to "Create New Record from Template"](#)), when left-clicking a template in the templates list of the Metadata Editor for a holdings record, now the default action in the Template List is **Create New Holdings Record from Template**. This enables Catalogers to easily create a new holdings record derived from the chosen template, without running the risk of accidentally changing it, as could be done previously, when the default action was **Edit**.

In case creation of a new record is not possible due to missing referenced bibliographic record, the Edit action will be performed with a confirmation message "New holdings record cannot be created due to missing relevant bibliographic record. Are you sure to continue with editing the template?". Selecting **Yes** opens the template in edit mode.

The default action for the Community Zone record remains "View".

---

## Avoid Multiple Matches by Preferring the Last Created Record for Repository MD Import

### April 2022 Resource Management

When importing titles, the goal is to automatically determine whether the title already exists in the catalog. To achieve a single match and avoid multiple matches (since this requires manual intervention), the last created record can now be preferred.

---

#### Note

If this option is selected, then in addition to the creation date, only the "Disregard matches for bibliographic CZ linked records" filter is applied to matches.

---

This option is applicable only in the Repository and New Order import profile types.

See [Managing Import Profiles](#) and [Monitor and View Import Jobs](#).

---

## Upload Electronic Holdings from Wiley

### April 2022 Resource Management

Automatic Upload of Electronic Holdings now allows libraries to update their holdings within the Wiley journals and books offerings in a single automated process. Once enabled, the process automatically downloads a KBART formatted holdings file from the Wiley platform, uploads the file, and updates your holdings in the Wiley collections.

For this purpose, the following dedicated collections were added to the Community Zone, these collections reflect all books and journals available from Wiley:

- Wiley Online Library - AutoHoldings Books
- Wiley Online Library - AutoHoldings Journals

See [Upload Electronic Holdings from Wiley](#) and [Automatic Upload of Electronic Holdings](#).

### Automatic Upload of Electronic Holdings

Last updated: Mar 10, 2022, 2:44 PM by Liz Berezin Page restriction: Semi-Public

The following table lists the available providers from which you can automatically upload electronic holdings into Alma.

Provider	Upload Frequency *	See More
Springer	Weekly	<a href="#">Upload Electronic Holdings from Springer</a>
Elsevier	Weekly	<a href="#">Upload Electronic Holdings from Elsevier</a>
ProQuest Ebook Central	Daily	<a href="#">Upload Electronic Holdings from ProQuest Ebook Central for Subscriptions/Owned/DDA</a>
Ovid	Weekly	<a href="#">Upload Electronic Holdings from Ovid</a>
Wiley	Weekly	<a href="#">Upload Electronic Holdings from Wiley</a>

## New Digital Waitlist Subject Area Added to Alma Analytics

### April 2022 Analytics

The new **Digital Waitlist** subject area was added to Alma Analytics. With the fields of this subject area you can create reports that describe the usage of the waitlist feature in Alma, such as the session start, end, and grace period. This subject area allows you to answer the following business questions:

- How many sessions were in a specific timeframe?
- How many of those sessions were in the waitlist?
- How many session returned the resource early?
- What is the average actual session time?
- What is the average waiting for a given Rep ID?
- What is the actual session length for a given Rep ID?
- What is the average session length?
- How many users missed the Grace Period?
- What is the average Grace Period used?

For more information about the Digital Waitlist subject area, see [Digital Waitlist](#).

For more information about the Waitlist feature in Alma, see [Configuring a Patron Waitlist](#).

## License API Enhancements

### April 2022 API

The following enhancements are made to the License REST APIs:

- PUT/POST License attachments
- Added the ability to retrieve licenses that were created/updated since a specific date, using these 4 new parameters:
  - create\_date\_from
  - create\_date\_to
  - modify\_date\_from
  - modify\_date\_toA

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

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## Safari Certification Completed

### March 2022 Administration and Infrastructure

As part of our continuous effort to enhance the Alma user experience, Alma is now certified for use in Safari browsers for Mac computers and Ipad in landscape orientation.

See [Browser and OS Requirements](#).

---

## New SAML Certificate

### March 2022 Administration and Infrastructure

The current DigiCert SAML Certificate will expire on June 8th, 2022. If your institution uses this certificate, Ex Libris recommends that you consult with the IT dept. in your institution, and if required, replace the certificate for Alma and/or Primo VE. If replacing the certificate, this must be done in coordination with your IDP.

For more information, see [Replacing a Signed Certificate](#).

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## Clickjacking Protection Open to All

### March 2022 Administration and Infrastructure

Clickjacking protection (introduced in February 2022, see [Clickjacking Protection](#)) is now open to all institutions by default (no need to contact to Ex Libris Support to open it).

See [Preventing Clickjacking](#).

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## Integration with Swisslog SynQ Storage Management System

### March 2022 Fulfillment

Alma's Remote Storage Integration Profile can now be configured to integrate with Swisslog SynQ storage management system. Setting the profile to work with SynQ enables Alma to update SynQ about inventory changes and requests using direct API communication. For more information, see [Swisslog SynQ Remote Storage](#).

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## Require Explicit Confirmation of Fulfillment Messages

### March 2022 Fulfillment

It is now possible to configure fulfillment messages to pop up without the **Confirm** or **OK** button being automatically in focus. This requires operators to explicitly navigate to the **Confirm** or **OK** button (using the mouse or keyboard) when confirming the message.

This new option prevents unintended confirmation of fulfillment messages resulting from hitting **Enter** or simply scanning in the next item. This affects pop-ups that are triggered by scan-in of an item barcode in the **Return Items** and **Manage Patron Services** pages as well as the **Scan In Items** page.

Activating this option is achieved by accessing the **Fulfillment > Other Settings** menu and setting the `disable_enter_closing_fulfillment_popups` parameter to `'true'`.

---

## Allowing Due Date After Patron Account Expiry Date

### March 2022 Fulfillment



#### Idea Exchange

Alma now enables configuring the system to enable privileged staff members to extend a loan due date at check-out time beyond the expiry date of a patron. By setting the new `extend_due_date_beyond_user_expiry` parameter (using the **Fulfillment > Other Settings** menu) with the value of **MANAGER**, **OPERATOR** or **ALL** you can determine which circulation desk operator role is required to extend a due date past the patron account's expiry date. If you do not want to enable this parameter, keep the value as **NONE**.

This enables lending items to patrons whose account is about to expire without having to manually change the calculated due date or the user record's expiry date.

Due date is shortened

Please notice that the due date was shortened since the patron card is expired before the due date

Extend due date Ok

#### Extend Due Date

---

##### Note

The new parameter affects only loans in the patron workbench. The behavior of self-check loans, personal delivery loans, and renewals is not affected.

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## New and Improved Overlap Analysis Tool

### March 2022 Resource Management

To achieve better collection development analysis capabilities of libraries' electronic holdings, the Overlap Analysis Tool has been improved to support additional use cases by introducing new functionality.

In addition, a new interface is now introduced for the Overlap Analysis Tool to enable easy and intuitive report creation and summary results.

Main new use cases that are now supported:

- When considering to order an electronic collection, can help users establish which part of this collection is already covered in other electronic collections available in your existing library content, to learn which collection has a better value for money, and to avoid content overlap and purchasing of duplicate resources.
- When considering to cancel electronic collections, can help users determine content overlap rate for possible resource cancellation scenarios, in order to learn what full text access would be lost if a resource were cancelled.

To support the above use cases and additional use cases, new comparing options have been added:

1. Ability to select a Community Zone collection as a source for comparison.
2. Ability to select the entire Institution Zone as a target for comparison.
3. Add Network Zone holdings as an option for overlap analysis.

See [Working with Overlap and Collection Analysis](#).

Watch the [New & Improved Overlap Analysis Tool](#) video (4:42 minutes).

## UNIMARC Format Updates

### March 2022 Resource Management

As part of ongoing updates of the UNIMARC format, the UNIMARC Bibliographic profile was updated to reflect the recent changes to the ABES and BNF formats. This includes:

- Adding new bibliographic 338 field (Funding note).
- Updating bibliographic field 100 with new values for positions 34-35.
- Updating bibliographic 110 with new values for position 0.

## Library as a Basic Search Scope for Holdings Search

### March 2022 Resource Management

When doing a Physical Holdings search, the Inventory Operator and other users can now limit the scope of their search to specific libraries they always search in. This reduces the need to define the library in the Advanced search or to use facets for every search. It is mostly relevant for librarians working in institutions with many libraries, where they are responsible for just a few of them.

The image shows two side-by-side screenshots of the 'Holdings Search My Library' interface. The left screenshot, titled 'Holdings Search My Library - collapsed', shows a search results page with a sidebar on the left. The sidebar has a 'Library scope' section with a blue header and three items: 'Periodical Library (MUSPER)', 'Music Library (MUS)', and 'Media Center Library (MDTC)'. Below this are sections for 'Library' and 'Location' with various checkboxes and counts. The main content area shows a list of holdings with columns for 'Library', 'Location', 'Call number', and 'Holdings ID'. The right screenshot, titled 'Holdings Search My Library - expanded', shows a 'Scope configuration' modal window. It has a search bar at the top and a list of library options below. Three options are checked: 'Music Library (MUS)', 'Music Periodical Librar...', and 'Media Center Library (...)'. Other options like 'Resource Sharing Library', 'Biology Library (BIO)', 'Graduate Library (GRAD)', 'Main Library', 'Media Center Library (MD...', 'Music Periodical Library (...', 'Music Library (MUS)', 'Rare Books Library (RARE)', 'Medlib', 'Social Work Library', and 'NO LONGER IN USE' are unchecked. At the bottom of the modal are 'Clear All' and 'Apply' buttons.

See [Filtering Search Results](#).

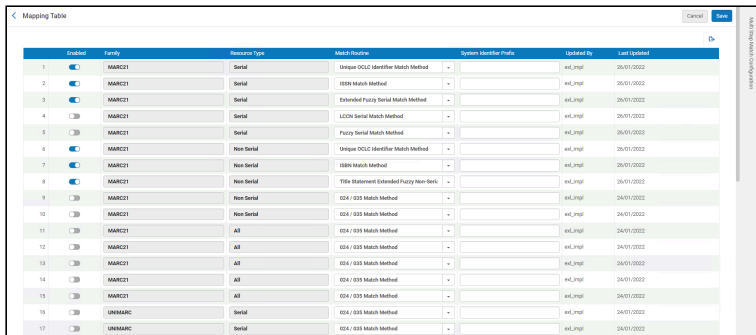
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## Metadata Import Profile: Multi-step Matching

### March 2022 Resource Management

When importing titles, the goal is to automatically establish whether the title already exists in the catalog. To achieve a single match, and avoid multiple matches, you can now configure multi-step match methods, by which Alma determines whether imported records already exist in the institution's catalog.

The new **Multi Step Match Configuration** mapping table ([Configuration > Resource Management > General > Multi Step Match Configuration](#)) enables you to define multiple match methods (from the existing list of options for match methods), which are then run in the order defined in this table.



Enabled	Entity	Resource Type	Match Source	System Identifier Profile	Updated By	Last Updated
<input checked="" type="checkbox"/>	MARC21	Serial	Unique OCLC Identifier Match Method		HL_PNF	26/01/2022
<input checked="" type="checkbox"/>	MARC21	Serial	ISBN Match Method		HL_PNF	26/01/2022
<input checked="" type="checkbox"/>	MARC21	Serial	Extended Policy Serial Match Method		HL_PNF	26/01/2022
<input checked="" type="checkbox"/>	MARC21	Serial	LCCN Serial Match Method		HL_PNF	26/01/2022
<input checked="" type="checkbox"/>	MARC21	Serial	Fuzzy Serial Match Method		HL_PNF	26/01/2022
<input checked="" type="checkbox"/>	MARC21	New Serial	Unique OCLC Identifier Match Method		HL_PNF	26/01/2022
<input checked="" type="checkbox"/>	MARC21	New Serial	ISBN Match Method		HL_PNF	26/01/2022
<input checked="" type="checkbox"/>	MARC21	New Serial	Title Statement Extended Fuzzy Non-Serial		HL_PNF	26/01/2022
<input checked="" type="checkbox"/>	MARC21	New Serial	ISSN Match Method		HL_PNF	26/01/2022
<input checked="" type="checkbox"/>	MARC21	New Serial	ISSN Match Method		HL_PNF	26/01/2022
<input checked="" type="checkbox"/>	MARC21	All	ISSN Match Method		HL_PNF	26/01/2022
<input checked="" type="checkbox"/>	MARC21	All	ISSN Match Method		HL_PNF	26/01/2022
<input checked="" type="checkbox"/>	MARC21	All	ISSN Match Method		HL_PNF	26/01/2022
<input checked="" type="checkbox"/>	MARC21	All	ISSN Match Method		HL_PNF	26/01/2022
<input checked="" type="checkbox"/>	UNIMARC	Serial	ISSN Match Method		HL_PNF	26/01/2022
<input checked="" type="checkbox"/>	UNIMARC	Serial	ISSN Match Method		HL_PNF	26/01/2022

See [Multi Step Match Configuration](#), [Managing Import Profiles](#), [Configuring Other Settings \(Resource Management\)](#).

---

## Metadata Editor: Default Action Changed to "Create New Record from Template"

### March 2022 Resource Management

When left-clicking a template in the templates list of the Metadata Editor for a bibliographic or authority record, now the default action in the Template List is **Create New Record from Template**. This enables Catalogers to easily create a new record derived from the chosen template, without running the risk of accidentally changing it, as could be done previously, when the default action was **Edit**.

Watch the [Metadata Editor - Click on Template to Create New Record](#) video (1:08 minutes).

---

## Additional Events Added to System Events Subject Area

### March 2022 Analytics SF: 05307735 05324168

To make the System Events subject area more usable for customers, a large number of events were added to be available for reporting. This event list was created based on internal research into existing user reports and discussions with the Analytics Working Group. Currently over 200 events are available for reporting. For a list of the available events, see [System Events](#).

---

#### Note

For the first two weeks, the available data will be partial, since historical events are being loaded going back to July 1, 2019.

---

---

## API for XSL Templates

### March 2022 API

Alma now supports REST APIs that enable to retrieve and update the XSL templates used for customizing letters.

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


---


## Recommendation to Group Local Standalone Portfolios into Collections

### March 2022 DARA

DARA now identifies if you have local standalone portfolios with the same base URL that probably belong to the same provider and recommends that you group them into a collection.

11  Local portfolios with "marxists.org" base url can be grouped to a collection.  
**Category:** Electronic Inventory Management  
**Type:** Group standalone portfolios

 There are 13 standalone portfolios with this base url. They probably belong to the same provider.

 I recommend grouping them into a local collection. This will make it easier to manage them.

### Group Standalone Portfolios into Local Collections

Watch the [DARA: Group Local Standalone Portfolios into a Collection](#) video (51 seconds).

---

## 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

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### 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.

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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.

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

## Note

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

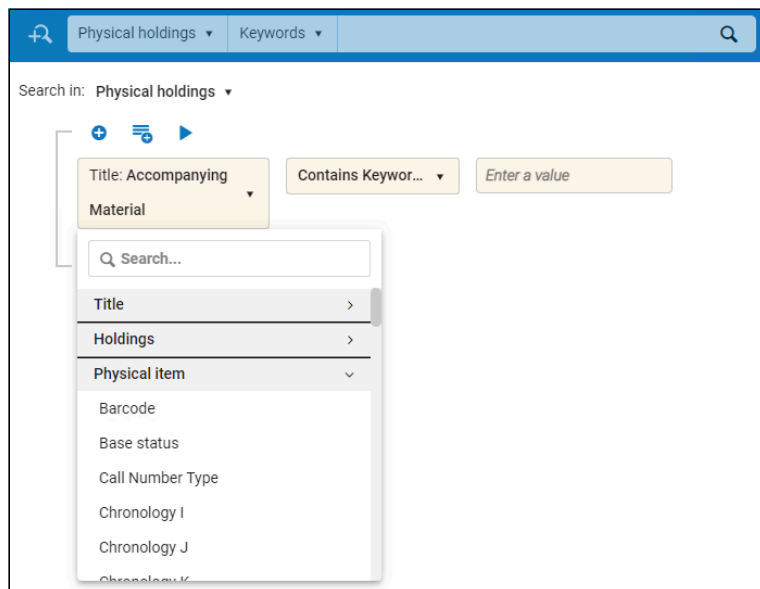
See [Configuring Browse Bibliographic Headings and Selection Display](#).

## 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.



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.

#### Note

This feature is available only for Primo VE customers.

## 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.

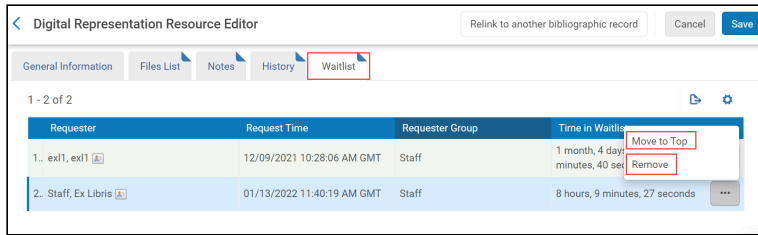
Watch the [Exempt a User Group from Controlled Digital Lending Waitlist](#) video (1:48 minutes).

## 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

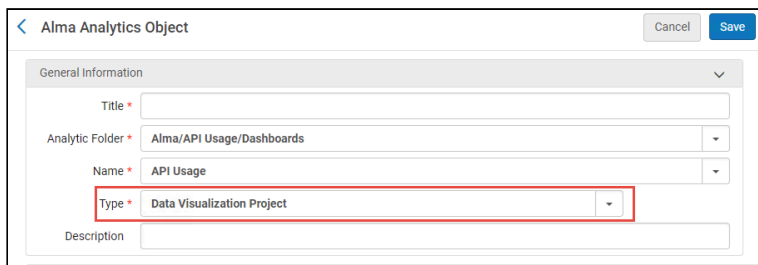
Select the row action **Remove** to remove the patron from the waitlist and **Move to Top** to make the patron next in line for the resource.

## Data Visualization Projects Now Available as Analytics Objects

### February 2022 Analytics

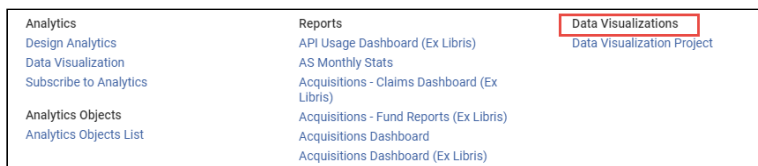
Data Visualization enables you to create visualizations of your data, which assists in decision making.

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**).



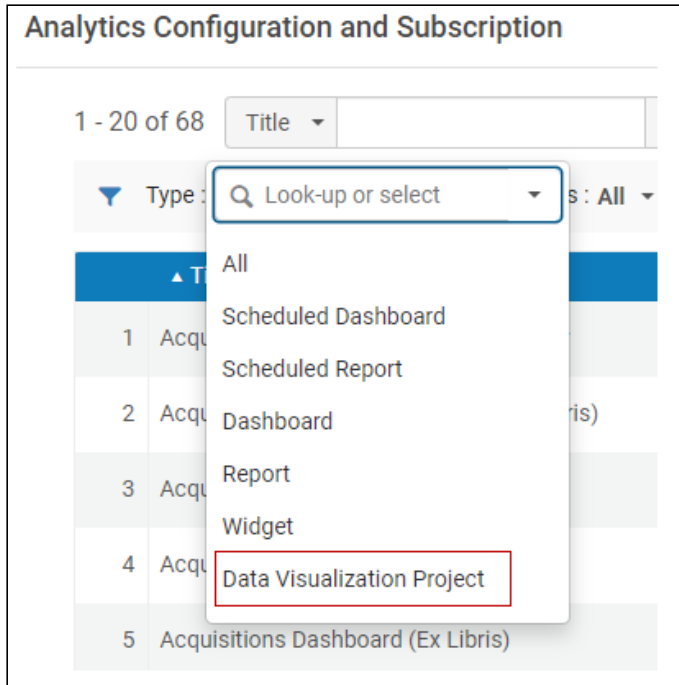
### Data Visualization Analytics Object Type

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.

---

## New "Owner" column in the "Manage EDI Tasks" page

### January 2022 Acquisitions



#### Idea Exchange

A new "Owner" column is added to the EDI task list. This column, which is sortable, displays the owning library for each PO line. The added column enables institutions working with the EDI task list to review the PO lines by their owning library. In addition, the existing "Vendor" column was added with a sort option.

Owner	Order Number	Order Description	Vendor	Response Summary	Response Type	Ordered Items	Discount Items	Del. Defect Items	Response Items	Backordered Items	Pieces Ordered	Expected Delivery
O'Neill	22499628	Title_30111010027_London...Phaidon Press, 2013...ISBN_978110102027_ISBN	DunkinTouchOut...	Order Number 22499628 was found. Temporarily unavailable reason unspecified. Item unavailable from our suppliers.	Not found	2	0	2	3	1	1	

## Managing EDI Tasks

# Extended Export in Users List

## January 2022 Administration and Infrastructure



### Idea Exchange

It is now possible to include primary identifiers as part of the exported list when using Alma's Export option from the user list. An **Extended Export** option will generate an Excel file similar to the existing "all fields" export, adding the primary ID as a column.

Active	Name	Account Type	Record Type	Job Category	User Group	Expiration date
<input type="checkbox"/>	123, 123	Internal	Contact	-	-	-
<input type="checkbox"/>	565, 235	Internal	Contact	-	-	-

## Extended Export

### Note

The **Extended Export** contains private data and is only available to users with access to this data, such as users with "user manager update" privileges.

Watch the [Extended Export of User List \(Including Primary Identifiers\)](#) video (1:07 minutes).

# Library-level Logos for Letters

## January 2022 Administration and Infrastructure



Now libraries can upload logos to be displayed on letters when a single library is selected in the Configuration menu (**Configuration Menu > General > User Interface Settings > Alma Logo and Color Scheme**). Previously this was available only when the institution was selected in the Configuration menu.

When logos are defined on both the institution and the library levels, the logo displayed on the letter is determined as follows:

- a. If the organization unit is Library, and a library logo exists for that library, the library logo is displayed.
- b. If organization unit is Library and no library logo exists for that library, the institution logo is displayed.
- c. If organization unit is Institution, the Institution logo is displayed.

See [Configuring the Alma Logos, Color Scheme, and Privacy Policy](#).

Watch the [Library Level Patron Notification Logos](#) video (5:53 minutes).

---

## Configuring the Link Institution Zone Users to Centralized Network Zone Users Job

### January 2022 Fulfillment

It is now possible to configure the **Link Institution Zone Users to Centralized Network Zone Users** job from the Fulfillment Jobs configuration menu. The job can only be configured and run in the Network Zone.

---

## Library Level Patron Notifications

### January 2022 Fulfillment



Institutions can now configure Alma so that letters that aggregate information from multiple libraries, such as Borrowing Activity Letter, Courtesy Letter, Requests Report Letter, Overdue And Lost Loan Notification Letter will be aggregated and sent per library. This can be done by enabling the `separate_patron_notifications_by_library` customer parameter and can be accessed via **Configuration Menu > Fulfillment > General > Other Settings**. The resulting letters will be sent from the specific library.

---

#### Note

- When a notification is triggered, if divided by libraries, multiple notifications will be sent. For example, when sending an activity report from the patron workbench, if the patron has loans or fines in more than one library, an activity report will be sent for each such library.
- For Fulfillment entities that are not owned by a specific library (such as a fine or fee that is owned by the institution, or a request that may be served by multiple libraries) a letter will be sent by the institution.
- If an overdue and lost loan profile is configured to generate a notification fee, and several notifications are sent by this profile for different libraries, a fee will be charged for each notification.

---

In addition, the owner of short loans' Courtesy Letter has been changed to be the owning library.

For more information, see [Configuring Other Settings \(Fulfillment\)](#).

Watch the [Library Level Patron Notifications](#) video (7:14 minutes).

---

## 'Will Supply' Message Sent Automatically

### January 2022 Fulfillment-Resource Sharing



## Idea Exchange

When an internal 'ship digitally/physically' request is placed for a lending request (automatically OR manually), a 'Will Supply' message is automatically sent (and status changed accordingly) to reflect that. This is only possible if the partner type supports a 'Will Supply' notification (ISO, ISO 18626 and Emails). This action is enabled by selecting the newly added step **Automatically Will Supply** in the borrowing workflow profile (disabled by default).

### Add Workflow Profile

Will Supply Reason will be: "In process".

New labels were added to the 'Will Supply' email and the "ISO General Messages", to allow libraries to configure a note to be sent if there are items available or not.

- **AutoWillSupplyAvailable** - sent when the will supply email is sent automatically and there are available items to fill the ship request. Default value is empty.
- **AutoWillSupplyUnavailable** - sent when the will supply email is sent automatically and there are no available items to fill the ship request. Default value is "Your request will be supplied when an item becomes available, items are due back on {0}."

---

## INN-Reach API Integration

### January 2022 Fulfillment-Resource Sharing



## Idea Exchange

Alma now supports an API based integration with INN-Reach (also know as D2IR). For more information, see the [InnReach API Implementation Guide](#).

Libraries currently integrated with InnReach using NCIP and the InnReach DCB should contact Innovative in order to set up an implementation project with Innovative.

---

## Derive New Record - Support of External Identifier for Linking Related Bibliographic Records

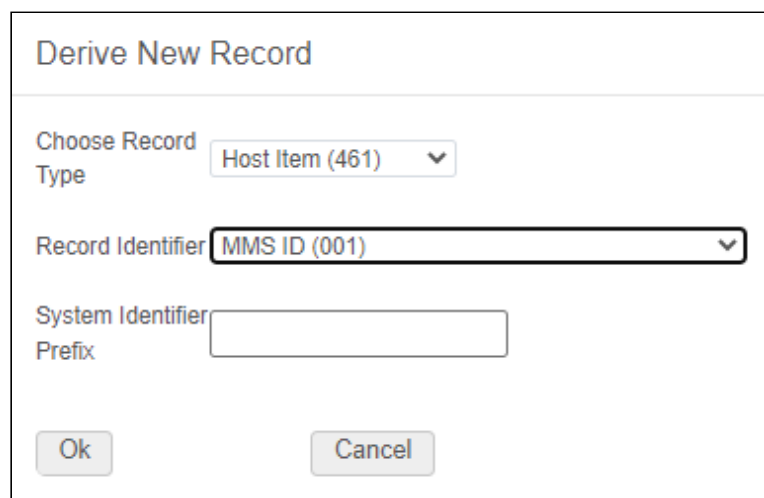
### January 2022 Resource Management

The **Derive New Record** functionality in the Alma Metadata Editor now supports selecting whether to use the MMS ID or an external system identifier located in the 035 field for matching between related bibliographic records. When you select the 'Other System Number (035)' and specify the System Identifier Prefix (e.g., SBN), the ID from the 035 field with the specific prefix is placed in the connecting field.

To support this, the **Derive New Record** dialog (**Record Actions > Derive New Record**) now supports the following options to select the field from which the connecting ID is taken:

- **MMS ID (001)** - This is the default option for UNIMARC profile.
- **Other System Number (035)**
- **MMS ID (001) and Other System Number (035)** - This is the default option for MARC21/KORMARC profiles.

In addition, this dialog now support the option to specify the System Identifier Prefix. The prefix is optional. When it is not set, all 035 fields are used.



See [Deriving a New Bibliographic Record](#).

---

## Support for Traditional Chinese Authority URI Enrichment

### January 2022 Resource Management

The following Authority Linked Data databases are now supported as linked-data URIs:

- List of Chinese subject terms (LCSTT)
- Taiwan Name Authority File (TWNAF)
- New Classification scheme for Chinese literature (NCSCLT)

Now these linked data sources can be used for bibliographic record enrichment, similarly to other linked data sources in Alma (such as LoC, Getty, VIAF, Wikidata). They can be selected in the Metadata Editor and used as part of the publishing. For more information, see [https://developers.exlibrisgroup.com/alma/integrations/linked\\_data/](https://developers.exlibrisgroup.com/alma/integrations/linked_data/) in the Developer Network.

Watch the [Traditional Chinese Authority URI enrichment to Linked Data](#) video (8:33 minutes).

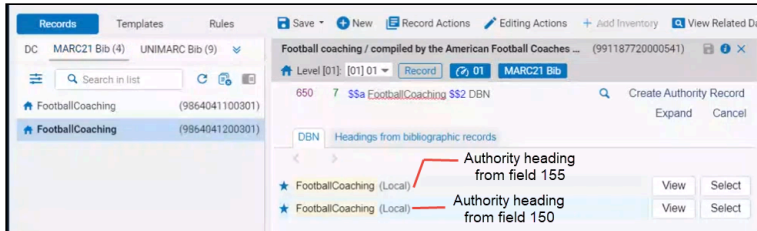
---

## Extending Authority Fields to be Used for an Authorized Bibliographic Field

### January 2022 Resource Management

When catalogers press F3 on one of the authority-enabled fields in the Metadata Editor, a list of headings coming from the relevant authority field appears. Now you can extend this functionality so that pressing F3 displays the list of headings from several authority fields. Catalogers can then select any of the terms in the list, and have the preferred one copied to the bibliographic record.

**For example:** Pressing F3 on MARC field 650 with the second indicator '7' for vocabulary DBN displays a list of headings from either 150/450 or 155/455 fields. This is done by combining the authority headings from 150, 450, 155, and 455 fields into one list.



---

#### Note

Authority fields 180,181,182,185 are not supported by this functionality, as they are not part of the authority control mechanism.

---

This functionality fully supports authority control:

- Linking to global and local authorities
- All bibliographic record formats
- Preferred Term Correction (PTC) job – The preferred term is copied from the Authority record to the Bibliographic record
- Authority enrichment in general publishing and publishing to Primo
- Search by Non preferred terms in Alma and in Primo VE

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#### Note

To set up this functionality for your institution, please contact Ex Libris Customer Support.

---

See [Working with Authority Records](#).

---

## Display Collection Path in Alma Viewer

### January 2022 Digital Resource Management



#### Idea Exchange

You can now configure the Alma Viewer to display the collection path at the bottom of the Descriptive Information pane. To configure this feature, select **Display Collection Path** when configuring the Alma Viewer (**Configuration > Fulfillment > Discovery Interface Display Logic > Viewer Services > Alma Viewer**):

Alma Viewer >

Service Details
Service Availability Rules
Customization

Active Active ▾

Service Code \* AlmaViewer

Service Name \* Alma Viewer

Service Description Digital Version(s)

Hide Repeated Labels

Use New Viewer

Hide Fulltext

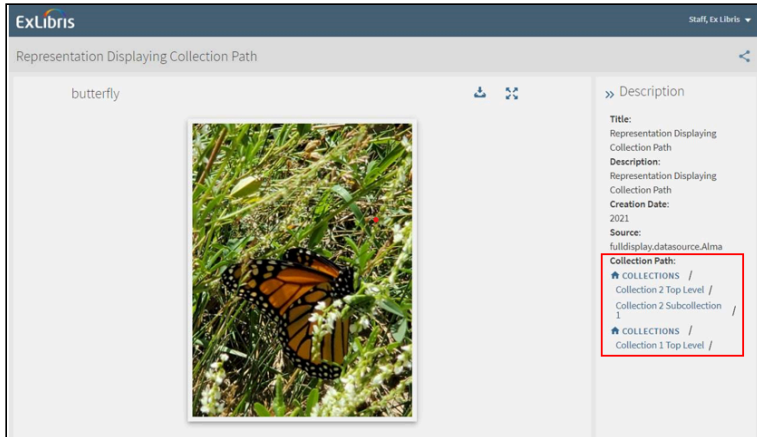
Display Collection Path

## Display Collection Path

### Note

For the January release, you must also select the **Use Primo Metadata Fields for Delivery** checkbox from the Fulfillment - Other Settings page ([Configuration > Fulfillment > Discovery Interface Display Logic > Other Settings](#)) for this feature to work. This will no longer be necessary for the February release. See the upcoming February release notes for changes to this feature.

For example:



### Collection Path

Selecting the path opens Primo's collection page in a new tab.

### Note

This feature is currently available only for PrimoVE.

Watch the [Display Collection Path in Alma Viewer](#) video (1:02 minutes).

---

## API for Running Import Profile on a Single Authority Record

### January 2022 API

The “Create Authority Record” API now supports importing a single authority record based on a configured import profile:

- Receive an import profile ID as a parameter.
- Receive AUTH record metadata as payload.
- Run the import profile on that AUTH and will return the resulting AUTH record.

---

#### Note

In order to run the API you will need to have a defined import profile.

---

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

---

---

## ILLiad Borrowing Request Notes

### May 2022 Fulfillment-Resource Sharing



#### Idea Exchange

When a request is pushed to ILLiad using the API, borrowing request notes are also pushed to ILLiad. This enables the export to ILLiad to be fully automatic and not require any manual handling of the note.

---

---

## Hide the Resource Sharing Link for Specific Resource Types

### March 2022 Fulfillment-Resource Sharing

You now have the option to hide resource sharing services for specific discovery resource types (**Configuration > Fulfillment > Discovery Interface Display Logic > Display Logic Rules**). This prevents users from placing borrowing requests for resources that you do not offer.

**Add Rule**

For user from groups: [dropdown]

hide service \* [Resource Sharing Request]

with [Resource type]

with value \* [image]

if exists service: [dropdown]

[Add] [Cancel] [Add and Close]

#### Hide service for Resource Sharing Request with a Resource type

For more information, see [Adding Display Logic Rules](#).

---

## Is Filled Field Added to Rapido Analytics

### April 2022 Analytics

The **Is Filled** field was added to **Borrowing Requests > Borrowing Request Details**. It indicates if the borrowing request was filled. The following values are possible for this field:

- Yes – the request was filled.
- No – the request was not fulfilled, because it was rejected by the partner.
- Not Applicable – the request was cancelled because, for example, the item is actually available, the institution decided to purchase the requested item, or the patron cancelled the request.
- In Progress – the request is in the process of being handled.

---

## Copyright Percentage Field Easily Assists in Copyright Evaluation

### November 2022 Fulfillment - Course Reserves

To assist librarians in evaluating copyright, the **Edit > Copyright Attributes** tab now includes a field for **Copyright percentage**. This field auto-populates when the **Required Pages** and **Resource Total Pages** contain values. The Copyright percentage field enables librarians to clearly determine the percentage of pages requested for a resource.

The screenshot shows the 'Edit Reading List Citation' form with the 'Copyright Attributes' tab selected. The form contains the following fields and values:

Copyright Status	Waiting for Approval	Copyright Auditing Required	<input checked="" type="checkbox"/>
Volume	74	Issue	
Number of Students		Number of Copies for Students	
Number of Copies for Staff		Resource Total Pages	300
Required Chapters		Total Chapters Count	
Required Pages	From 110 To 139		
Total Required Pages	30	Copyright percentage	10.00

**Copyrights Attributes** tab includes **copyright percentage** field

---

## Update the Course Year in Bulk

### May 2022 Fulfillment - Course Reserves



#### Idea Exchange

The **Course Bulk Update** job (**Admin > Manage Jobs and Sets > Run a Job**) now includes a **Year** field so you can update the course year for a set of courses in bulk. When the **Year** checkbox is selected and the field contains a value, you can define the conditions for update:

- **If field empty** – Only update courses without a **Year**.
- **If field not empty** – Only update courses that currently contain a **Year**.
- **Unconditionally** – Update all courses without exception.

If the checkbox is selected and the **Year** is left blank, the year is removed from all courses in the set.

Start date	<input type="text"/>	<input type="button" value="📅"/>
End date	<input type="text"/>	<input type="button" value="📅"/>
<input type="checkbox"/>	Submit list by	<input type="text"/>
		Unconditionally
<input type="checkbox"/>	Year	<input type="text"/>
		Look-up or select
Remove list association	<input type="checkbox"/>	If field empty
Leganto create list - reminder	<input type="checkbox"/>	If field not empty
		Unconditionally

### Year configuration - Course Bulk Update

For more information, see [Course Bulk Update](#).

## Create Custom Material Types


### February 2022 Fulfillment - Course Reserves SF: 05318298

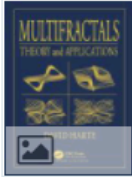
Customers can now add their own citation material types to Leganto (**Configuration > Fulfillment > Courses > Citation Material Type**). The new types are displayed as part of the **Type** drop-down menu. In the **Type** drop-down menu, the new material types are presented under the **Others** sub-category and are ordered alphabetically.

#### Note

Existing types cannot be removed, only customized.

Edit item

 Click here to drag or upload a file

 Title\*: 9781584881544

Author:

Type\*: Book

URL:

Public n

CANC

**Most Common**

- Article
- Book
- Book Chapter
- Document
- E-book
- Electronic Article
- Video
- Website

**Others**

- 3D Model
- Abstract
- Anthology
- Archive

**Example drop-down list where a custom material type would appear**

If no thumbnail is configured ([Configuration > Leganto > UI > Citation default thumbnails](#)) for a type, the default thumbnail is used.

If a new material type is added to Leganto, but not mapped in the field mapping or brief format, it is mapped as a book.

See [Citation Default Thumbnails](#), [Citation Field Mapping](#), and [Citation Brief Mapping](#) for more information.

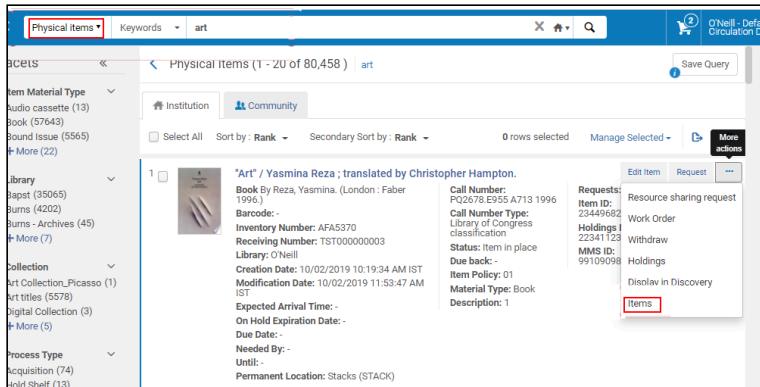
## Alert of Associated Reading List when Withdrawing or Deleting Items

### January 2022 Fulfillment - Course Reserves

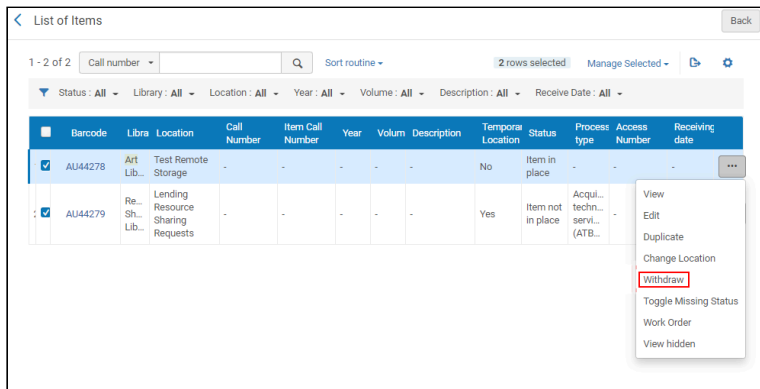


#### NERS Enhancement (ID #7207)

When using the **Withdraw Items** action to remove a physical item from a repository, Alma now checks whether this item is used as course material.

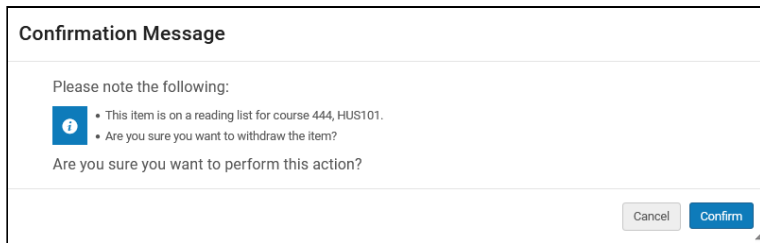


## Physical Items - Items



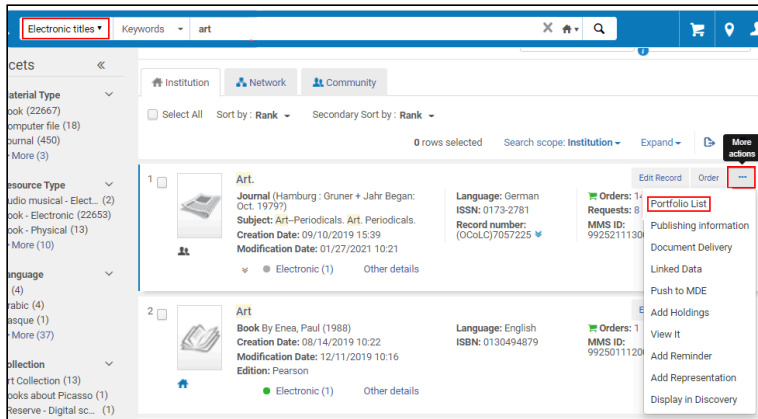
## Withdraw

If so, the warning message now includes a notice that the item is on one or more reading lists. The message also includes the courses that are associated with the list or lists.

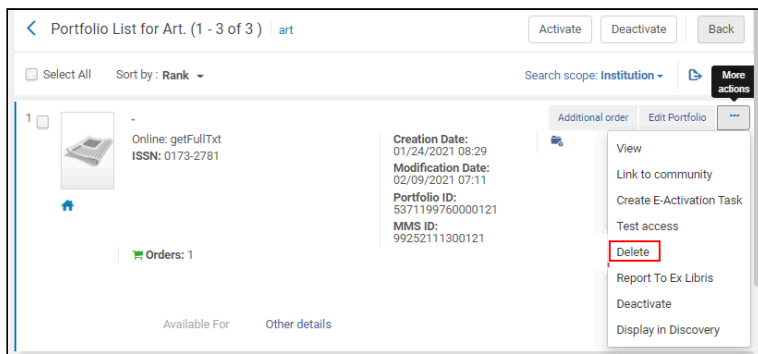


## Confirmation Message for removing physical items

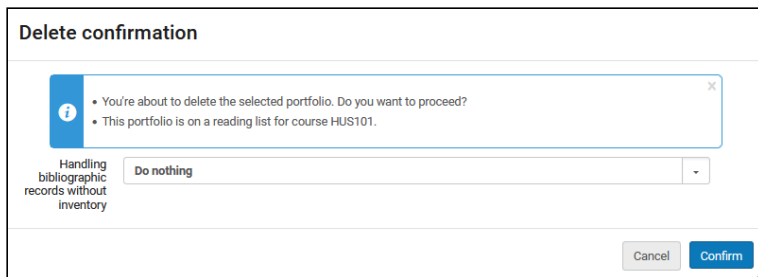
Similarly, for electronic items, when using the action **Portfolio List to Delete** a portfolio, the warning message now includes a notice that one or more items from this portfolio are on at least one reading list and which courses the reading lists are associated with.



## Electronic titles - Portfolio List



## Delete



## Confirmation Message for removing electronic items

# Additional Enhancements

### December 2022 Analytics

The U.S. SuDoc Classification System is now available to be reported on in Alma Analytics. To support this feature, the **U.S. SuDoc Classifications** folder was added to the Other Classifications dimension in all subject areas in which it appears. The U.S. SuDoc Classification information is taken from the 086 field of the bibliographic record. For more information, see [Other Classifications](#).

### December 2022 Analytics

An additional five statistical categories are now available to be reported on in Alma Analytics in many of the locations that currently have statistical categories:

- Analytics Objects > Created By
- Course Reserves > Librarian
- DARA > Assigned To

- DARA > Modified By
- Digital Waitlist > User Details
- E-Inventory > Cost Usage POL Approver
- E-Inventory > Electronic Collection PO Line Approver
- E-Inventory > Portfolio PO Line Approver
- Funds Expenditure > PO Line Approver
- Leganto Student Usage > Student Details
- Physical Items > PO Line Approver
- Purchase Requests > PO Line Approver
- Purchase Requests > Purchase Request Approver
- Purchase Requests > Purchase Request Assigned To
- Purchase Requests > Purchase Request Creator
- Purchase Requests > Purchase Request Modified By
- Purchase Requests > Purchase Request Requester
- Users > User Details

For more information, see [Configuring Statistical Categories for Analytics](#).

- **December 2022 Analytics**

The **Events** subject area is deprecated and was removed. It is replaced by the **System Events** Subject Area to enable quicker and more efficient running of reports. This was communicated in the Alma List, the October 2022 Alma Announcements, and in the [August 2022 Release Notes](#). If you have analytics reports, dashboards, or widgets that use the old **Events** subject area, these must be replaced with reports based on the new **System Events** subject area. Additionally, any analytics objects that you have based on reports or dashboards from the old **Events** subject area must be replaced with reports or dashboards from the new **System Events** subject area.

#### Note

If you need assistance recovering reports that used the old Events subject area, contact Ex Libris Support. For more information, see this [Knowledge Article](#).

For more information on the new System Events subject area, see [System Events](#).

- **December 2022 Analytics SF: 06412861**

The **Has Corresponding SUSHI Account in CZ but not in Institution** field was added to E-Inventory > Electronic Collection. It indicates (Y/N) if the electronic collection has a corresponding SUSHI account in the Community Zone, but is not configured in the institution.

- **November 2022 Fulfillment**

Requests that are sent to remote storage facilities as XML now include the Storage ID of the requested item as well as its barcode. This makes it possible for remote storage facilities that manage their stock by Storage IDs (rather than barcodes) to effectively integrate with Alma.

- **November 2022 Resource Management**



#### Idea Exchange

Alma now includes additional scheduled times in the Import Profiles job scheduler.

- **November 2022 Resource Management**

It is now possible to include the receiver's name in the email address in emails sent from Alma. To activate this, change the customer-parameter `include_recipient_name_in_email_address` to **true**. This may decrease the chances of having the email count as spam when it enters the recipient's inbox.

- **November 2022 Acquisitions**

In the Set settings ([Admin > Manage Jobs and Sets > Manage Sets](#)), the **Set content type** that was previously called **PO lines** is now called **Order lines**. This was done in order to standardize the terminology throughout Alma.

- **November 2022 Administration and Infrastructure**



**Idea Exchange**

Alma now incorporates a comment/note field to the code table configurations, including Mapping tables and Rules pages.

- **November 2022 Administration and Infrastructure**



**Idea Exchange**

A Notes field has been added to the Infrastructure Rules configuration entity.

- **November 2022 Administration and Infrastructure**



**Idea Exchange**

A Notes field has been added to the Mapping Table configuration entity.

- **November 2022 Analytics**

The **Bibliographic Details** dimension, common to many subject areas, was added to the Digital Waitlist subject area to enable you to create reports with the fields of this dimension.

- **November 2022 Analytics**

The **Service Auto-Activates Portfolios** field (Y/N) was added to E-Inventory > Portfolio. It indicates if the option to automatically activate new portfolios when they are added to a service is configured. For more information, see [Managing Electronic Resources](#).

- **November 2022 Analytics**

The new **Primo Discovery** subject area allows you to track the number of titles indexed for Primo VE. For more details, see [Primo Discovery](#).

- **November 2022 Analytics**

The name of the **Receiving Note** field was changed to **Receiving/Activation Note** to better describe the information displayed by this field in the **PO Line** dimension for every subject area for which it appears.

- **November 2022 Analytics**

The **Additional Notes** field was added to Borrowing Requests > Borrowing Requests Details and Lending Requests > Lending Requests Details. It displays the notes added under the Notes tab for the borrowing request or the lending request.

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**Note**

This field is separate from the **Notes** field that displays the notes added under the General Information tab.

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- **November 2022 Analytics**

The following fields were added to the **Bibliographic Details** dimension for all subject areas for which it appears:

- General Note
- Local Note
- Subject (Names)
- Series Statement
- Electronic location and access

- **November 2022 Analytics**

The following out-of-the-box reports were added for the **Fulfillment** subject area:

- Fulfillment Network - Loans by guest patrons per library

- Fulfillment Network - Local items loaned at another institution
- Fulfillment Network - Requests by source (AFN and Manual) and pickup location (Local and Remote)
- **November 2022 Analytics**  
The **Library Code** and **Library Description** fields were added to the **Block** and **Notes** dimensions of the **Users** subject area. These fields enable you to filter reports according to the library.
- **November 2022 API**  
A new parameter, **fail\_on\_invalid\_id** (default: TRUE), has been created for the Manage Members API (POST /conf/sets/{ID}?op=add\_members and op=replace\_members). If this parameter is TRUE, the current behavior, in which the API returns an error if any of the IDs in the set is invalid, is implemented. If this parameter is FALSE, a list of the rejected IDs is returned as part of the returned set object, but the API does not fail. This makes it possible to download a list of matched and non-matched IDs when creating an itemized set based on a file of identifiers. For additional information, see [Manage Members](#).
- **November 2022 Fulfillment - Resource Sharing**  
You can now use Display Logic Rules to hide resources managed at the network zone level.
- **November 2022 Fulfillment - Resource Sharing**  
Previously, the partners in the Ex Libris resource sharing directory did not present the lending terms available for the institution. This information is now available for view, enabling you to decide whether to establish a resource sharing relationship with an institution based on their terms. If the partner exists in the resource sharing directory (**Fulfillment > Resource Sharing > Partners > Community** tab), you can add members to your institution by selecting each member and selecting **Copy**. The members and their details are then added to your partner list.

## Note

The column **Pods I'm Part Of** is only displayed if you select it in the Manage column display list



Resource Sharing Partner List

Institution: **Community**

1 - 20 of 129 Description  0 rows selected Copy

Name	Description	Lending Terms	Location Terms	ISO Symbol	
<input type="checkbox"/> University of Wisconsin - Madison - Wisconsin Historical Society Library-WISPOD (Community)	-	Delivered in 2 days Keep for 28 Cost 0.0 USD Additional lending terms are available	ALL	ISO_WHSLIBRARY	
<input type="checkbox"/> Renouveau - Sciences et Patrimoines - Haute Ecole de la Santé La Source (Community)	-	Additional lending terms are available	-	-	
<input type="checkbox"/> Flinders University - Flinders Resource Sharing Services (Community)	-	Additional lending terms are available	-	SFU	
<input type="checkbox"/> TCIS Education System Library - TCSPW-Washington DC (Community)	-	Additional lending terms are available	-	-	
<input type="checkbox"/> Dickinson College - Wadswen Spahr Library (Community)	-	Additional lending terms are available	-	DKC	
<input type="checkbox"/> University of Wisconsin - Madison - Space Science Library (Schweidtger) (Community)	-	Delivered in 2 days Keep for 28 Cost 0.0 USD Additional lending terms are available	ALL	ISO_SPACE	

## Resource Sharing Partner List

For more information, see [Downloading a Resource Sharing Partner from the Directory](#).

- **August 2022 Administration and Infrastructure**  
Librarians are now enabled to view entities they have worked on 14 days prior, allowing more data retention within Alma.
- **August 2022 Administration and Infrastructure**  
Recent Entities now reflect activities that you performed for the last 14 days.
- **August 2022 Fulfillment**  
A booking request's start and end times are now displayed in the Pick From Shelf list. This makes it easier for staff working on the list to organize and prioritize their work on it.
- **August 2022 Fulfillment**  
**Holdings ID** and **Item ID** have been added to the columns of the **Manage In Process Items** list. This makes it possible to export this list with these values included so that library applications that use Alma APIs can use them as

required.

(Note that the columns are hidden by default in Alma, so you will only see them if you select them in the table settings).

- **August 2022 Resource Management**

When using the **Extended Export** option available under (**Electronic Service Editor > Portfolios (tab) > Export (icon)**), the output file is now upgraded to \*.xlsx. This format enables users more options and improves efficiency.

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#### Electronic Service Editor

- **August 2022 Analytics**

The **Has Local Extensions** field was added to the Bibliographic Details dimension in all subject areas in which it appears. It indicates if the Community Zone-linked record has local extensions (Y/N).

- **August 2022 Analytics**

The **Digital Resource First Access Date** and **Digital Resource First Access Date (Calendar)** fields were added to Borrowing Requests > Borrowing Requests Details. The fields display the date that the digitally received resource was first accessed by the requesting patron.

- **August 2022 Analytics SF: 06317880**

The **Public Access Model** field was added to E-Inventory > Portfolio. It displays the patron facing access model of the portfolio, which is presented to the patron in the discovery system.

In addition, the **Access Model** field was added to E-Inventory > Portfolio PO Line. It displays the internal access model of the portfolio.

For more information on access models, see [Managing Access Models](#).

- **August 2022 Analytics**

The following fields were added to the Physical Item Details dimension in the Physical Items, Requests, Lending Requests, and Fulfillment subject areas:

- Has Committed to Retain – indicates if the library has committed to retain the item
- Retention Reason – the reason the library has committed to retain the item
- Retention Note – a free-text note concerning the library's commitment to retain the item

- **August 2022 Analytics SF: 05307735 05324168**

The following events are now reported by the **System Events** subject area:

Alma Events

Event Type	Event Description
169	The user has failed to login to the system
3370	Community linked record updated with local extensions
4200	Send message to remote storage successfully
4201	No response from remote storage
4202	Failed to send message to remote storage
4203	Failed to connect to remote storage
4900	Loading patron user group succeeded
4901	Loading patron user group failed
5001	Wrong Data found when parsing element for User

Event Type	Event Description
6116	Import Job External system Task Chain Fail for User
9171	Failed to send Inventory Add message
9172	Inventory Delete message was sent successfully
9173	Failed to send Inventory Delete message

- **August 2022 Analytics**

Consortia members can now create cost usage reports for shared electronic resources managed in the Network Zone. For more information, see [Including Network Zone Electronic Inventory in Analytics Reports](#).

- **August 2022 Analytics**

To more accurately calculate the cost usage for a title, if the **COUNTER Platform (defined in E-Resource of UI Alma)** field is empty, Alma Analytics now derives the platform from the **Vendor Interface > Interface Name** field.

- **August 2022 Analytics**

The **No Charge** field was added to the PO Line dimension in every subject area in which it appears (E-Inventory, Funds Expenditure, Physical Items, Purchase Requests). It indicates if the **No Charge** checkbox on the PO Line Details page was selected, which is done for titles that were marked for purchase following a process of DDA/PDA, but are open access free-of-charge titles.

- **August 2022 Analytics**

The **Lost Item Fee Amount**, **Lost Item Fee Currency**, and **Lost Item Fee VAT** were added to Borrowing Requests > Borrowing Request Details and Lending Requests > Lending Request Details. These fields enable you to create reports concerning the fee charged for lost items.

- **August 2022 Analytics**

The deprecated **Events** subject area is no longer being updated with new information.

- **August 2022 Fulfillment - Course Reserves**

To enable the library to communicate with course instructors and reading list owners, the following preferred email fields were added to the Course Reserves, Leganto Student Usage, and Leganto Instructor Usage Events subject areas:

- Review Requester Preferred Email > Reading Lists
- Reading List Owner Preferred Email > Reading Lists
- Course Instructor Preferred Email > Courses

- **August 2022 Fulfillment - Resource Sharing**

Updates are now disseminated to partners downloaded from the Ex Libris Resource Sharing Directory. If an institution makes changes that impact the partner information in the Resource Sharing Directory, such as email, address, etc., this information is updated on the partner record downloaded by other institutions.

**Note**

The Locate profile is not updated.

For more information, see [Contributing to the Resource Sharing Directory](#).

- **May 2022 Digital Resource Management**

You can now select all the items on a page of a list on the following pages. This allows you to perform bulk actions on the items in the lists:

- On the top-level Collection Management page (**Resources > Manage Inventory > Manage Collections**)
- The **Sub-collection** and **Title List** tabs of the Collection Resource Editor (**Resources > Manage Inventory > Manage Collections > edit a collection**)

- All the tabs of the Approve Deposits page ([Resources > Deposits > Approve Deposits](#))
- **May 2022 Analytics**  
The following fields were added to Titles > Title Measures. They indicate the number of titles that were linked to the Community Zone or Network Zone or not linked to either:
  - Number of Titles linked to CZ
  - Number of Titles linked to NZ
  - Number of Titles not linked to CZ or NZ
- **May 2022 Analytics**  
The **Role Product** field was added to Users > Role. It indicates the specific Ex Libris product for which the role is assigned.
- **May 2022 Analytics**  
The names of the following fields were changed to have the word **User** added as a prefix to indicate that the information comes from the user record. Therefore, no data is displayed for these fields for institutions that anonymize their user records. These fields are located in subject areas that contain user related fields, such as Fulfillment > Borrower Details.
  - User - Linked From Institution Code
  - User - Linked From Institution Name
  - User - Linked From Other Institution

For this development, the following new version of these fields was added to Fulfillment > Loan Details. The information for these fields comes from the loan record. Therefore, data is displayed for these fields even for institutions that anonymize their user records.

- Loans - Linked From Institution Code
- Loans - Linked From Institution Name
- Loans - Linked From Other Institution
- **April 2022 Analytics**  
The **Access Model** field was added to the PO Line dimension in the Funds Expenditure, Physical Items, and Purchase Requests subject areas. It displays the internal access model for the electronic resource.
- **April 2022 Analytics**  
The following field names were changed in the Analytics Objects Measures dimension of the Analytics Objects subject area to improve clarity:
  - **Num of Users Subscribers** was changed to **Num of Used Subscriptions**
  - **Num of Widget Users** was changed to **Num of Used Widgets**

In addition, the following fields were marked to be deprecated:

- Num of Users Subscribed to Dashboard (to be deprecated)
- Num of Users Subscribed to Report (to be deprecated)
- Num of Users Subscribed to Scheduled Report (to be deprecated)
- **March 2022 Analytics**  
It is now possible to have deleted holdings without items included in Alma Analytics reports. To enable this feature, contact Ex Libris support.
- **March 2022 Analytics**  
The following fields were added to Lending Requests > Lending Request Details. They indicate the time from when the lending library sent the requested material until the patron received it.

- Days of Delivery Duration
- Hours of Delivery Duration
- Minutes of Delivery Duration

In addition, the **Received Date** field was added that indicates the date that the requested material was received.

- **March 2022 Analytics**

The **Query Type Group** field was added to Analytics Usage Tracking > Query Details. It indicates the source of the query, either Classic Reports and Dashboards or DV Projects. You can use this field to filter analytics usage tracking data and create reports with the ability to differentiate between Classic Reports and Dashboards and DV projects.

- **March 2022 DARA**

The frequency of the cleanup job of implemented recommendations was changed from weekly to daily.

- **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.

- **January 2022 Resource Management**

Alma Link Resolver now attempts to match on both ISSN and eISSN that are in the OpenURL and returns the services for all matches.

- **January 2022 Digital Resource Management**

The user experience was improved when moving selected titles from the Title List tab for collections. A pop-up now appears with a list of the collections to which you can move the titles. Watch the [Move Titles Between Collections](#) video (0:39 seconds).

- **January 2022 Digital Resource Management**



**Idea Exchange**

The functionality to prevent downloads of digital images that is configured by clearing the **Allow Downloads** checkbox when creating digital access rights rules (**Configuration > Fulfillment > Copyright Management > Access Rights > Add Access Rights > Add Rule**) was enhanced. The user cannot save images using the Save As function of the browser.

- **January 2022 Analytics**

The new **Resource Sharing Borrowing Requests** and **Resource Sharing Lending** dashboards are now available. They display reports such as Average Time to Material Arrival, Resource Sharing Borrowing Requests Year-Over-Year, and Resource Sharing Lending Requests List Per Lending Request Status Graph. For more information, see [Out-of-the-Box Reports](#).

- **January 2022 Analytics**

The **Num of Digital Accesses** field was added to Borrowing Requests > Borrowing Request Details. It indicates how many requested digital files were actually accessed by patrons.

- **January 2022 Analytics**

The **Year of Publication** field was added to the Usage Data > Usage Data Details - Release 5 dimension in addition to its current location in the Usage Data Details - JR5 dimension to make it more accessible when creating reports.

- **November 2022 Fulfillment - Course Reserves**

When new items are manually added to reading lists in Alma, Alma attempts to link them to library resources using the resource locate functionality. In cases where there is more than one bibliographic record, Alma can be configured to link citations to bibliographic records according to preferred inventory type (electronic, then print, then digital, for example) When **resource\_locate\_multiple\_matches** (**Configuration > Fulfillment > General > Other Settings**) is set to *first\_by\_inventory\_type* and **resource\_locate\_multiple\_matches\_priority** (**Configuration > Fulfillment > General > Other Settings**) is configured, multiple matches are now auto-located according to priority. Previously, the option to have items with multiple matches located by inventory type was only used when items were added in Leganto and in the **Process and Enrich citations** job.

- **November 2022 Fulfillment - Course Reserves**

The **Course Visibility** field was added to the Courses dimension in the Course Reserves, Leganto Student Usage, and Leganto Instructor Usage subject areas and the Request for Course dimension of the Requests subject areas. It indicates if the course is archived or unarchived.

- **March 2022 Fulfillment - Course Reserves SF: 05300463**

Leganto now offers the option to present the reading list name in Primo search results. The reading list name is now added to the **CNO** \$w. Multiple lists are divided by a semicolon (;).

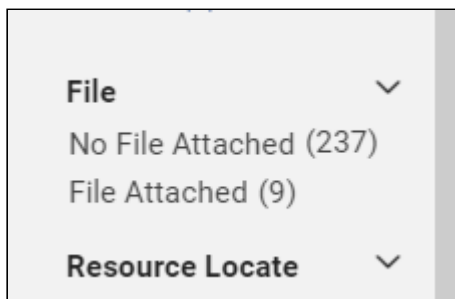
For more information, see [The Format of Published Data](#).

- **February 2022 Fulfillment - Course Reserves**

The **Citation Alma Digital Views** field was added to Course Reserves > Reading List Citations and Leganto Student Usage > Citations. It indicates the number of digital citation views during an active course.

- **January 2022 Fulfillment - Course Reserves**

On the **Edit Citations** screen, the facet labels under File were changed from **Exists** and **Not Exist** to **File Attached** and **No File Attached**.



File facet

- **January 2022 Fulfillment - Course Reserves SF: 05848830 05715135 05416589 05361476 05328522 05320310 05319647**

Itemized sets now support course sets that are larger than 1000 courses.

- **January 2022 Fulfillment - Course Reserves**

The following fields were added to the Reading List Citations dimension of the Course Reserves, Leganto Student Usage, and Leganto Instructor Usage Events subject areas:

- Citation Resolving Disabled – indicates if the resolving feature is disabled
- Is Digital Citation – indicates if the citation is a digital resource

- Citation AlmaD Downloads – the number of digital citation downloads during an active course
- Citation Library External Tags – the library external tags of the citation
- Section Library External Tags (added to the Leganto Reading List Sections dimension) – the library external tags of the section

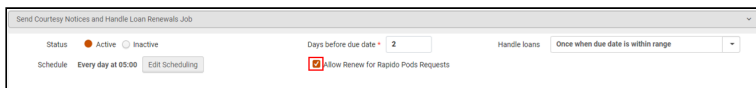
- **May 2022 Fulfillment - Resource Sharing**

When the existing **Expired Resource Sharing Requests** job ([Configuration > Fulfillment > General > Fulfillment Job Configuration](#)) is set to **Active**, expired requests are now automatically rejected. The default setting for this job is **Inactive**.



#### Expired Resource Sharing Requests Job

For pods that allow automatic renewals, when the **Send Courtesy Notices and Handle Loan Renewals Job** ([Configuration > Fulfillment > General > Fulfillment Job Configuration](#)) is set to **Active** and **Allow Renew for Rapido Pods Requests** is checked, expiring requests are automatically renewed. The default setting for this job is **Inactive**.

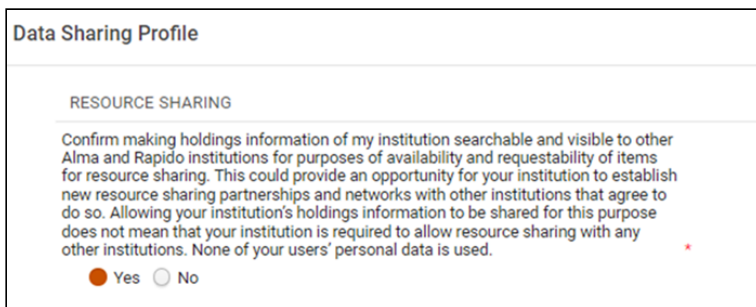


#### Send Courtesy Notices and Handle Loan Renewals Job

For more information, see [Automatic Job Renewals](#).

- **May 2022 Fulfillment - Resource Sharing**

We added a **Data Sharing Profile** ([Configuration > General > General Configuration > Data Sharing Profile](#)) option to enable institutions to share holding information for resource sharing purposes. When set to **Yes**, this indicates that the institution has agreed to share its information. The default setting for this option is **No**. We strongly recommend setting this option to **Yes**.



#### Data Resource Sharing Profile Configuration

For more information, see [Resource Sharing](#).

- **April 2022 Fulfillment - Resource Sharing**

We added the parameters **User identifier regex** and **User identifier regex (Fullfillment > Partners > Illiad partner)** so that when requests are passed to Illiad, Illiad now recognizes the identifier. By default, this field is blank.

The **User identifier regex** field in the example below indicates that Alma should use the identifying information until

the @ to match the User identifier type Primary Identifier in Iliad.

The screenshot shows the 'Resource Sharing Partner' configuration interface. It has tabs for 'General Information', 'Contact Information', 'Parameters', and 'Notes'. Under 'GENERAL INFORMATION', there are several fields: 'User identifier type' (a dropdown menu set to 'Primary Identifier'), 'User identifier regex' (a text input field containing 'C?@'), 'Request pushing method' (radio buttons for 'Open URL' and 'Link', with 'Link' selected), 'URL template' (an empty text input field), 'Enable service for guest user' (radio buttons for 'No' and 'Yes', with 'No' selected), and 'Disable service when' (radio buttons for 'Never', 'When resource is owned by the campus', 'When resource is owned by the campus and available', 'When resource is owned by the institution', and 'When resource is owned by the institution and available', with 'Never' selected).

### Regex identifier fields

For more information, see [Integrating Rapido and Iliad](#).

## Resolved Issues

- **November 2022 Release Update Acquisitions SF: 06555524 06555804**  
When CP 'claim\_aggregated\_letter' and CP 'acq\_use\_vendor\_account\_email' are true and the job failed to send an email to the vendor, the whole job failed. This was fixed.
- **November 2022 Release Update Acquisitions SF: 05323936 06409322 06449316 06488312 6555849 6557306 6557940 6555797 6555676 6557494 6557454 6557676 6557398 6557794 6557889 6557817 6558011 6557290 6557717 6557805 6558004 6556239 6556258 6556619 6557844 6555817 6557702 6557631 6557068 6555629 6558032 6558617 6557723 6557522 6558157 6559223 6558071 6557905 6558852 6558778 6557243**  
When two instances of the EDI-Load Files job ran simultaneously, the jobs did not always import all of the invoices from the vendor's server. Now, multiple instances of the job will not be allowed to run at the same time - each new instance will wait until the previous one has finished. As a result, all invoices will be imported as they should be.
- **August 2022 Release Update Administration and Infrastructure SF: 06463538 06463531 06463524 06463513 06463316 06462812**  
Error in HealthCheck Dashboard Job: Errors in report and external patron not able to request an item. This was fixed.
- **August 2022 Release Update API SF: 06463337**  
The "Retrieve user requests history" API failed with several errors. This was fixed.
- **May 2022 Release Update Resource Management SF: 06367340**  
New Metadata Editor: The Edit holdings from the View page opened the Metadata Editor in split mode. This was fixed.
- **May 2022 Release Update Resource Management SF: 06366555**  
The link to the Excel report was removed in the Preferred Term Correction report. The link has been restored.
- **May 2022 Release Update Administration and Infrastructure SF: 06367145**  
When trying to print a record's full view, the result was corrupted. This was fixed.
- **May 2022 Release Update Administration and Infrastructure**  
The Interested Users Recent Dropdown was not working in new POL. This was fixed.
- **April 2022 Release Update Acquisitions SF: 06334543 06337030 06338042**  
On the **Funds Transfer** page, the **To Fund** field was grayed out when From Fund was entered. This was fixed.
- **April 2022 Release Update Resource Management SF: 06334091 06334144 06334260 06338563 06338881**  
New Metadata Editor: On the **View Inventory** page, the **Portfolio** tab was displayed when pressing the **Holdings** tab. This was fixed so now when pressing the Holdings tab, holding information is presented.
- **April 2022 Release Update Resource Management SF: 06339143 06337467 06336165 06335593 06334148 06334140**  
New Metadata Editor: In some cases, there was an issue processing the keyboard input, which impacted keyboard shortcuts (F3, F8, F9, etc.). This was fixed.
- **April 2022 Release Update Resource Management SF: 06334114**  
New Metadata Editor: An issue with tabs management caused issues with the data presented in some functions that use multiple tabs (browse bib headings, authorities and view inventory). This was fixed.

- **March 2022 Release Update Analytics SF: 06301495**  
There was a typo in one of the procedures. This was fixed.
- **March 2022 Release Update Resource Management SF: 05301384**  
If an NZ contributed new titles and then a member institution activated the titles before the NZ ran the "Sync with CZ" job post-contribution, then a duplicate bib record was created in the NZ through the CN Import CZ Records Ongoing job. This was fixed.
- **February 2022 Release Update Fulfillment - Resource Sharing SF: 06045513**  
A borrowing request was not received by the next partner on the rota after being manually rejected by the staff of the previous partner. This was fixed.
- **February 2022 Release Update Resource Management SF: 06263150**  
New Metadata Editor: The automatic reloading of records from the Aleph central catalog stopped working. This was fixed.
- **February 2022 Release Update Resource Management**  
New Metadata Editor: Using Ctrl+Shift and the left/right arrows to highlight text wasn't working when "show direction characters" was enabled. This was fixed.
- **January 2022 Release Update Fulfillment SF: 06237803 06238260**  
In **Fulfillment > Resource Sharing > Partners**, the **All** search criteria was not working as expected. This was fixed.
- **January 2022 Release Update Fulfillment**  
The verify patron was not responding with the configured ID. This was fixed.
- **January 2022 Release Update Fulfillment**  
Several issues creating borrowing requests were fixed.
- **January 2022 Release Update Resource Management**  
There was an error selecting the **Dismiss All** option in the **Authority Control Task** list. This was fixed.
- **January 2022 Release Update Administration and Infrastructure SF: 06244922 06244737 06240631 06240239 06240075 06238662**  
The display count slider was not working properly on the **Profiles List** page. This was fixed.
- **December 2022 Fulfillment SF: 05652861 05314823**  
For **Monitor Requests & Item Processes**, the request cancellation reasons were not translated. This was fixed and the request cancellation reasons now display in the translated language.
- **December 2022 Fulfillment SF: 06281433 06286754 06283857**  
If a resource-sharing borrowing request was submitted from Primo VE without a **Preferred Local Pickup Location** selected, the pick-up location defaulted to the value configured in the customer parameter `ill_item_creation_lib_code`. This was fixed and the default value that is now used is the **Default pickup location** configured on the resource sharing library; the value from the customer parameter is only used if this configuration is empty or not applicable.
- **December 2022 Fulfillment SF: 06301451**  
When an item was requestable at the time of the request creation, but later during the request's life it became not requestable (for example the TOU changed) and was then recalculated, the request remained active but with a failed status. This was fixed, and in these cases, the request is now canceled.
- **December 2022 Fulfillment SF: 06349374**  
The facets in the **Monitor Requests** list did not show the list of requests in chronological order when more than one page of results existed. This was fixed and the requests now display in chronological order.
- **December 2022 Fulfillment SF: 06488530**  
In some cases, the ISBN value was not populated into the **Resource Sharing Request Form** in Primo GetIt causing the ISBN to not display in the Alma borrowing request. This was fixed and the ISBN values are now populated in the **Resource Sharing Request Form**.
- **December 2022 Fulfillment SF: 06416859**  
In some cases, when Alma created a borrowing request in RapidILL, the volume and issue information was not sent and therefore the request in Rapid had no volume information. This was fixed and the information is now sent to RapidILL.
- **December 2022 Fulfillment SF: 06349374**  
The Monitor Requests & Item Processes List did not display items in chronological order as expected. This was fixed.

- **December 2022 Fulfillment - Resource Sharing SF: 06476349**  
Libraries using a non-English Primo interface, were not seeing the task widgets for unassigned borrowing requests when using the new UI. All unassigned borrowing requests are now correctly displaying in the relevant task widgets.
- **December 2022 Resource Management SF: 06475873 06437990 06539416**  
Autocomplete fields **Collection** and **Library** validation did not validate that the ID actually existed. This was fixed.
- **December 2022 Resource Management SF: 06256862**  
When blended sets are used in publishing from consortia members, member records linked to the Network Zone or Community Zone records were not flagged for republishing when items or holdings were deleted. The fix will only apply when items or holdings are deleted after the December release deployment. It is not retroactive.
- **December 2022 Resource Management SF: 06506768 06497942 06508092**  
External Search Resources: When searching KERIS (KORMARC) results were shown in MARC21. This was fixed.
- **December 2022 Resource Management SF: 06339361**  
If no unsaved changes have been made to the linking parameters for a portfolio, the Test Access button from inside the portfolio editor will now use the portfolio's saved linking parameters, in order to avoid problems from encoding issues.
- **December 2022 Resource Management SF: 06409912 06307910 06461572**  
Send email from My Account - Loans fails. This was fixed by adding the View ID in the Request URL as a Query String Parameter, thus sending the email successfully now.
- **December 2022 Resource Management SF: 06423901**  
Analytics: The **Dewey classification** field for analytics will be populated from field '676' subfield 'a'. If subfield 'a' doesn't exist - it will be taken from subfield \$c if exist. The fix will be applied for updated records from the December release. Existing data will be handled in the next semi-annual indexing job (planned for May 2023).
- **December 2022 Resource Management SF: 06459403 06496171 06452112 06544507 06511213 06436056 06500289 06448039 06434741**  
When an input set to an **Export Bibliographic records** job was created by a query containing a list of libraries (concatenated with 'OR'), the job failed. This has been fixed.
- **December 2022 Resource Management SF: 05332207 05330372**  
New Metadata Editor > open an Authority record > Search External Resources - When **SBN** was selected in the drop-down, the search fields were not **SBN** fields. Now **SBN** search fields are displayed.
- **December 2022 Resource Management SF: 05306536 06508366**  
Some labels in the New Metadata Editor were not translated into Czech. This was fixed.
- **December 2022 Resource Management SF: 06321402 06329051**  
New Metadata Editor - Pane re-sizer appears on the scroll bar from the right side when the left records pane is pinned. This was fixed.
- **December 2022 Resource Management SF: 06468869**  
New Metadata Editor: In some cases, the message 'An external process has changed the original record. It is recommended to reload the original record.' appears by mistake for view-only records. This was fixed.
- **December 2022 Resource Management SF: 06226444**  
The normalization rule correctDuplicateSubfields checked the duplications only in the first occurrence of the subfield. This was fixed and now all occurrences of the subfield are being checked and corrected.
- **December 2022 Resource Management SF: 05317378 05305578 05329034 05331835 05318132**  
Authority Preferred Term Correction and F3 incorrectly removed punctuation from field 100 subfields \$\$a, \$\$c and \$\$e, and also \$\$a, \$\$d and \$\$e - punctuation removed between \$\$d and \$\$e, and also \$\$a - a period was added at the end. These were fixed.
- **December 2022 Resource Management SF: 06288484**  
The **Resolve import issues** screen didn't support cross pages selection. This was fixed and now it is possible to select and perform actions for files from multiple pages. In addition, 2 feedback messages were added:
  1. 'The selected file(s) is locked by another user and cannot be handled.' - error message, appears when the user selects only files that are assigned to another user.
  2. 'Some of the selected files are locked by another user. These files will not be handled.' - an info message that will be added to the success message of the relevant action if some of the selected files are assigned to another user.
- **December 2022 Resource Management SF: 06489701 06490765**  
Integration profile - Sometimes, there is no option to change the profile's parameters when the profile type is **Central Catalog Integration**. This has been fixed.

- **December 2022 Resource Management SF: 06512956**  
Integration Profiles - In some cases there was no option to create Sudoc profile since the system was set to 'Aleph' and there was no option to change it. This has been fixed.
- **December 2022 Resource Management SF:**  
The visibility of focused elements displayed in the New Metadata Editor needed improvement. This was fixed. The improvement enhanced the visibility of the row actions button in the New Metadata Editor editing pane > specific line when moving with 'TAB' between elements.
- **December 2022 Resource Management SF: 06473321 06472381 06516138**  
Change Physical Items Job Report is incorrectly reporting the number of processed records. This was fixed.
- **December 2022 Physical Resource Management SF: 06471169**  
Editing holdings were slow when the user had many roles scoped at the library level. This was fixed. Now, when a user has many roles related to physical inventory management for different libraries, the process for editing a holding is noticeably enhanced.
- **December 2022 Electronic Resource Management SF: 05301672 06281449**  
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.
- **December 2022 Electronic Resource Management SF: 06479898 06467076 06345058 06422838 06423900 06357661 06475220 06466298 06501163 06435047 06390352 06480900**  
In the **Upload Electronic Holdings** job, there were some cases when two titles were related to each other, and one title was already activated in the institution but the other one was not yet activated. In these cases, instead of activating the missing title, the job would update the existing portfolio with coverage data from the missing portfolio. This was fixed, and now the missing portfolio is activated; each portfolio is activated/updated with its own correct coverage.
- **December 2022 Electronic Resource Management SF: 06420930**  
When searching for an electronic collection and enabling blended network search, after clicking on the portfolio list and searching the electronic collection again, the blended search is not enabled. This issue was fixed and now the blended search results appear.
- **December 2022 Electronic Resource Management SF: 06471952 06473680**  
When using the extended export of the electronic collection portfolio list in the Community Zone, in some cases the exported files are not opening. This issue was fixed and the exported files open successfully.
- **December 2022 Electronic Resource Management SF: 06518040**  
When exporting to excel an electronic collection's search results, the local electronic collection had a value in the **Community zone management level** column. This issue was fixed and the column is now empty for local electronic collections.
- **December 2022 Electronic Resource Management SF: 06489999 05332406**  
When trying to download a representation from the Universal Viewer using the **Current View** option, a '400 Bad Request' error message was displayed. This was fixed and the error message is no longer displayed.
- **December 2022 Electronic Resource Management SF: 06404663**  
In some cases, Community Zone Search does not show the entire title field for a Portfolio. This was fixed.
- **December 2022 Electronic Resource Management SF: 06312346**  
Links by way of a proxy failed if they included a qurl in the proxy set up. This was fixed.
- **December 2022 Acquisitions SF: 06321555 06351081**  
PO's that have a large number of PO Lines, the index XML fails to index the PO since the PO Line's titles are part of the PO Index and so the PO Index XML exceeds the maximum available size. This was fixed. The PO Line's titles were removed from the PO Index and so the PO cannot be searched by one of its PO Line's titles.
- **December 2022 Acquisitions SF: 06022844**  
When performing a repository search after creating a purchase request, a page with a 'null' error is returned. This was fixed by changing the mode of the page to edit mode.
- **December 2022 Acquisitions SF: 06518555**  
PO Claiming job completed with errors when reclaim interval does not have any value. This was fixed and now no value is equal to Zero value.
- **December 2022 Acquisitions SF: 06322021**  
Having added the subfield 't' in the 853 field and the corresponding value in the data of the next expected copy, Alma does not include it in the 853 and neither in the copy. This was fixed. Open serial predicted items with the holdings 853 field: the item's copy ID field is now supported. That is if subfield \$t is filled in field 853, and the 'Copy(t)' field is

populated in the 'Next predicted item's information' dialog box, then the 'Copy ID' is populated in the items created. Note that at this point, the fix covers only cases where the predicted schedule is monthly or annual with both chronological and enumeration data.

- **December 2022 Acquisitions SF: 05314856 06351808 05311932 06369583**  
There was an issue when trying to update the monthly usage data which caused duplicated rows. This was fixed and there are no more duplicated rows after a manual upload.
- **December 2022 Acquisitions SF: 06289268**  
In cases where the vendor account was unknown, the emailed letter would not be sent. This was fixed so that when the vendor account is not known an email is sent to the email associated with the vendor.
- **December 2022 Administration and Infrastructure SF: 06418046**  
When a library name is defined in a different language than the user's UI, the owner library for a new fine/fee was not translated. This was fixed; The library name is translated according to the user's language.
- **December 2022 Administration and Infrastructure SF: 06422228 06402942 06517158 06439956 06434005 06270107 06361200 06427073**  
When a user's password changes, the history audit displays the current date as the **old value**. This was fixed; The date of the old value change is displayed.
- **December 2022 Administration and Infrastructure SF: 06376924 06391062**  
Editing an expired user account sometimes incorrectly triggered the sending of a **Patron Welcome** letter to the user. This was fixed and patrons whose user accounts expired no longer receive the Patron Welcome letter.
- **December 2022 Administration and Infrastructure SF: 06472211**  
Some anonymized users received errors when trying to reuse the Primary ID, for example, to change it. This was fixed by updating the clone script.
- **December 2022 Administration and Infrastructure SF: 06486986**  
Users search was still available when the User list view privilege was disabled, for example, an operator with the Circulation desk operator role could search users via the **Manage Patron Services** page. This has been fixed and the User search is no longer available when the User list view privilege is disabled.
- **December 2022 Administration and Infrastructure SF: 06410437**  
A non-Arabic comma is added to bib records in the Arabic language during the **Preferred Terms Correction** job and F3. This was fixed.
- **December 2022 Administration and Infrastructure SF: 06217281**  
In some letters using preview used the letter-specific 'dear' label instead of the 'dear' label belonging to an included template. This was fixed.
- **December 2022 Administration and Infrastructure SF:**  
There are frequent cases of an "ORA-00060: deadlock" error when two jobs try to access and update the same BIB\_HEADING record. This was fixed by adding the appropriate entries to the system\_job\_dependencies.xml fil.
- **December 2022 Administration and Infrastructure SF: 06511895 06461223**  
Upload of an Excel file into a mapping table fails if there are more rows in the excel file than there are rows in the table. This was fixed.
- **December 2022 Administration and Infrastructure SF: 06419766**  
Items List: when filtering the list by Year by typing a value and pressing the 'Enter' key, a misleading error message is displayed. This has been corrected.
- **December 2022 Administration and Infrastructure SF: 06489686 06489913**  
When the Quick links menu is pinned, it is not refreshed immediately upon adding or removing items was fixed.
- **December 2022 Administration and Infrastructure SF: 06518272 06502150 06512743 06498784 06481435 06470095 06484116 06432161 06517503 06443779 06514189 06445384 06520396 06490725**  
We changed the behavior of the Analytics widgets - to show reports with pagination (1000 rows per page) and not the full report.
- **December 2022 Administration and Infrastructure SF: 06507686 05301591 05329969 06449592**  
The Alma Viewer was unable to load the video on Apple devices. This was fixed.
- **December 2022 Administration and Infrastructure SF: 06419903**  
When trying to display digital files with the Alma Viewer, an error in Angular js resulted in redundant calls that created a 404 error and prevented the file from being displayed. This was fixed.
- **December 2022 Administration and Infrastructure SF: 06484383**

When downloading images from the Universal Viewer, selecting the 'Choose Current View 800 x 800px (jpg)' or 'Whole image 1000 x 1000px (jpg)' options displayed an error message: 'HTTP Status 404 - description The requested resource is not available.' This was fixed and now all of the download options work properly.

- **December 2022 Analytics SF: 06216771**  
The Forecast option was not working in Data Visualization Analytics. An error message **Query Error More Detail** was displayed. Additionally, the **Show Details** link did not work. This was fixed.
- **December 2022 Analytics SF: 06485549**  
When adding the Access Right Name field (**Digital Inventory > Representation Access Rights**) to a report, the report did not display any data. This was fixed by the development team updating the access rights table and table name.
- **December 2022 Analytics SF: 06496612**  
The option to **Create Analysis from Simple Logical SQL** after selecting **Create > Analysis** was missing from some environments. This was fixed.
- **December 2022 Analytics SF: 06528187 06535485 06535472 06535236 06535515 06528169 06528135 06535503**  
When running an analytics report, an error message 'C-runtime error occurred (std::bad\_alloc)' sometimes appeared that prevented customers from accessing their folders, saving reports or creating new reports. This was fixed by updating an Oracle configuration file.
- **December 2022 API SF: 06484097**  
Using the **Copy Network Zone License** Cloud App to copy a license from the Network Zone failed when generating license terms. This was fixed by updating Alma's API used by the Cloud App.
- **December 2022 API SF: 06514523 06511327**  
Cloud apps allow item deletion and editing for users without appropriate roles. This was fixed. The delete item API now checks the user role scope before performing the action. If the user doesn't have the proper scope for the **Physical Inventory Operator Extended** role, he will not be able to delete the item.
- **November 2022 Fulfillment SF: 05302497**  
Previously, the block description in the **On Hold Shelf** letter was not translated into the user's preferred language. This was fixed, and the block description is now translated as expected.
- **November 2022 Fulfillment SF: 06301844**  
When Primo was opened in a Chrome browser, in the Primo Resource-Sharing Request **Get It** form, in the **Not Needed After** field, the date-picker icon was not properly aligned with the input field. This was fixed and the icon now aligns properly with the input field.
- **November 2022 Fulfillment SF: 06413223**  
Previously, when a work-order request or transit request was created by scanning an item, the description field was not included in the request details, despite this option being enabled. This was fixed; the description field is now filled in as it should be.
- **November 2022 Fulfillment SF: 06413220**  
When a digitization request was created for an item that was located in a remote storage, and the request needed approval, an approval request was not generated. This was fixed; Approval requests for digitization are now created as expected.
- **November 2022 Fulfillment SF: 05306473**  
In Primo VE, in the Booking Calendar of **GetIt**, the labels for **Day** and **Week** were not translated for some languages. This was fixed; the labels are translated as expected.
- **November 2022 Fulfillment SF: 06355378**  
When a patron renewed a resource-sharing loan from a non-Alma NCIP-P2P partner via Primo, the due date was not updated in the loan or in the borrowing request. The due dates are now updated correctly.
- **November 2022 Fulfillment SF: 06375564**  
In lending requests, when the **Level of Service** field was edited, the change was not implemented in the shipping-cost calculation if a default value was defined for this field in the code table. This was fixed; changes to the **Level of Service** are now implemented as they should be.
- **November 2022 Fulfillment SF: 06390716**  
Previously, when a digitization request was created for an item from institution A, and the item was scanned in institution B (e.g., when the item was being returned after a loan), in certain cases, the scan failed, and an error message appeared. This was fixed; the scan is now implemented successfully in these cases, and no error messages appear.

- **November 2022 Fulfillment SF: 06281404**  
Previously, when the requested format of a borrowing request was **digital**, internal notes that were added to the request at the time the item was received were not saved in the **Notes** tab. This was fixed; internal notes added to digital borrowing requests are saved as expected.
- **November 2022 Fulfillment SF: 06245785**  
When a completed lending request was reactivated and the item was shipped, the request was assigned the status **Rejected the borrower request** instead of **Shipped physically**. This was fixed, and the correct status is now assigned to lending requests that are reactivated and then shipped.
- **November 2022 Fulfillment SF: 06463177**  
In the New Layout of the resource-sharing task list, incorrect values were displayed in the **Event Name** facet. This issue will be fixed gradually when the `OUT_RES_SHR_REQUEST` system-maintenance job performs re-indexing, which will occur during the first week of the November release.
- **November 2022 Fulfillment SF: 06517122 06509709**  
In the New Layout of the task list of resource-sharing borrowing requests, selecting the requester's name did not provide additional information about the requester, such as contact information, as it should have. Selecting the requester's name now opens a box in which this information is displayed.
- **November 2022 Fulfillment SF: 06514259 06481682**  
In the New Layout of the resource-sharing interface, renewing a borrowing request failed if the item had not been loaned yet. This was fixed; renewing a borrowing request is successful even if the item has not yet been loaned.
- **November 2022 Fulfillment SF: 06482991**  
In a borrowing request that was found through a search, when **Receive** was selected from the row actions, the cursor was not placed in the **Received Items** page (in the 'Temporary barcode' field) as it should have been. This was fixed, and the cursor is now placed in the correct location.
- **November 2022 Fulfillment SF: 06538326**  
Lending requests with statuses 'Cancelled' or 'Expired' were categorized as 'Active' requests. This was fixed and they now are categorized as 'Completed'.
- **November 2022 Fulfillment SF: 06538326**  
A lending request that uses the will supply workflow when a move request was created, changes the status automatically to 'will supply' but the facet is not automatically updated as it was in old UI. This was fixed. Now, the facet is automatically updated.
- **November 2022 Fulfillment SF: 06536167 06532421 06531913 06522440 06508641 06524455 06499431 06492280 06544506 06540075**  
In the New Layout for resource-sharing Borrowing Requests and Lending Requests task lists, the date facets did not show the correct number of requests per date range. This was fixed. The date facets now show the correct number of results per date range.
- **November 2022 Fulfillment**  
In the New Layout of the resource-sharing Borrowing Requests task list, when the "View network resources" row action was selected for an article, the search used the article title instead of the journal title. This was fixed. The search now uses the journal title as intended.
- **November 2022 Fulfillment Resource Sharing**  
In the New Layout, in the resource-sharing **Borrowing Requests** and **Lending Requests** task lists, the date facets did not show the correct number of requests per date range. This was fixed; the date facets now show the correct number of results per date range.
- **November 2022 Fulfillment Resource Sharing**  
In the New Layout of the resource-sharing **Borrowing Requests** task list, when the **View network resources** row action was selected for an article, the search used the article title instead of the journal title. This was fixed; the search now uses the journal title as it should.
- **November 2022 Fulfillment - Resource Sharing**  
The right pane edit form for book requests did not allow editing the Publication Date, Start Page, and End Page for both borrowing and lending requests as it does for article requests. This was fixed.
- **November 2022 Fulfillment - Resource Sharing**  
The assignee information now appears on borrowing and lending requests, and the **Assigned to** label now appears in the second column on a request. This was fixed.
- **November 2022 Fulfillment - Resource Sharing**

- Previously, resource titles in the left pane appeared as links. Now the title only displays as a link in the right pane.
- **November 2022 Fulfillment - Resource Sharing SF: 06509709 06517122**  
Previously, the Borrowing Requests list did not display more information about the **Requester**. This was fixed.
  - **November 2022 Fulfillment - Resource Sharing SF: 06463177**  
The wrong facet name appeared for the **Event Name** in the new UI. This was fixed.
  - **November 2022 Resource Management SF: 05318846**  
The UNIMARC to MARC21 crosswalk did not handle the 856 field. The 856 field (all subfields) are now crosswalked from UNIMARC to MARC21 for both authority and bibliographic formats. (This functionality already exists in the MARC21 to UNIMARC crosswalk.)
  - **November 2022 Resource Management SF: 06259957**  
The publishing profile is publishing the incorrect time for the item creation and modification date. This was fixed and the item's creation and modification date include full date+time and the customer's timezone.
  - **November 2022 Resource Management SF: 06209869**  
**Physical Holdings** search - **Pattern 1st level of enumeration** index (and also 2nd and 3rd): these indexes are created from the holdings field 853, subfields a, b, and c. However, special 853 fields with 1st indicator 'X', that are created internally and not displayed in the UI, were also indexed; consequently, the search results were misleading. This has been fixed. That is, holdings 853 fields with 1st indicator 'X' are no longer indexed. For this fix to take effect, full inventory indexing is required.
  - **November 2022 Resource Management SF: 06452271**  
**Relation Type of Related Records** does not appear in Network Search. This is fixed and **Relation Type** was added for related records displayed from the network search tab.
  - **November 2022 Resource Management SF: 06345479**  
List of Libraries not sorted Alphabetically in the **Library Scope** Facet of a Staff Search. This was fixed.
  - **November 2022 Resource Management SF: 05313661**  
The character ? (U+3005 IDEOGRAPHIC ITERATION MARK) is removed from the query text. This is done when the customer parameter `solr_searching_language = hk` (Chinese-Hongkong) or `zh` (Chinese), as both are affected by the defect, and the character is not indexed in either language. The fix will be applied gradually to existing data during the semiannual indexing, starting in November.
  - **November 2022 Resource Management SF: 06356163 06350871**  
Physical Items search when the `sort_library_by_relevance` customer parameter is set to 'true': if a library scope is selected, and My Library (the library 'I am physically at') is not part of this scope, its special zero-results facet will not be displayed. This is fixed.
  - **November 2022 Resource Management SF: 06356163 06350871**  
My Library scope -In Physically Holding search not showing **Physically At** library in facets. This was fixed.
  - **November 2022 Resource Management SF: 06371276**  
Subfields of a field mapped to `dc:coverage/dc:description` were set without a delimiter between the different values. This was fixed for SRU and OAI publishing.
  - **November 2022 Resource Management SF: 06423823**  
The authentication/public notes would display incorrectly in View It when including numbers and words and UI language in Hebrew. This was fixed.
  - **November 2022 Resource Management SF: 05314101**  
Hebrew UI presents the record's subfields' delimiters and subfields disordered. This was fixed.
  - **November 2022 Resource Management SF: 06352605 05321651 06236027**  
BIB Redirection Configuration doesn't include **MMS ID** or **Control Number** as Identifier Type option. This was fixed and the BIB Redirection fields page was improved to display the list of **Identifier Type** without scrolling down.
  - **November 2022 Resource Management SF: 05306730**  
When the Windows Language was defined as Hebrew in the Firefox browser, the shortcuts for Enhance the Record (`Ctrl+Alt+W` and `Ctrl+Alt+E`) added nikud symbols Kamatz and Holam. This was fixed. When the new parameter, available under Resources > Other settings - `alternative_mde_enhance_record_shortcut` is enabled, the user can use the `Ctrl+Shift+E` shortcut for the **Enhance the record** functionality.
  - **November 2022 Resource Management SF: 06242561**  
In the New MetaData Editor, 1st indicator of fields 630 and 730 (non-filing characters) was not considered during auth control. This was fixed. The existing data will be fixed after the reindexing job of the November release will be

completed.

- **November 2022 Resource Management SF: 05305162**  
UNIMARC Form editor: missing values and issues for non-book materials. This has been fixed by adding new values to the **form control** for fields 115 and 116 (only).
- **November 2022 Resource Management SF: 06468582**  
Dynamic form save failed if it had a field with label/tooltip longer than 255 characters. This was fixed and an error message was added to inform the user about the failure cause.
- **November 2022 Resource Management SF: 06376580**  
When creating a new record from an existing one or from a template with 001 field, the newly created record is created with originating system ID as the 001 field from the original record. This was fixed, from now the record will be created with originating system ID from his own 001 field.
- **November 2022 Physical Resource Management SF: 05300781**  
Item inventory date shows a different value in Analytics than in the **Item Editor**, caused by an unexpected date change upon saving the item. This was fixed, and the Item inventory date now displays the same value in Analytics as in the **Item Editor**.
- **November 2022 Physical Resource Management SF: 06317781**  
**Physical Item Editor**: The History tab content's indicator (earmark) was on, although there is no history to present. This was fixed.
- **November 2022 Electronic Resource Management SF: 06504508 06311081**  
Display logic rules having to do with DB services were not filtered correctly because the rule was saved using the IEPA PID, but the filter was based on the package public name. This was fixed and now the filter for DB services matches on IEPA PID.
- **November 2022 Electronic Resource Management SF: 06338937 06420679 06430314 05332677**  
When a portfolio was updated in the Community Zone, if this portfolio didn't exist in an institution where the collection belongs and is marked for auto-active, the portfolio wasn't created automatically in the institution. This has been fixed.
- **November 2022 Electronic Resource Management SF: 06319411**  
In some cases, the **Overlap and Collection Analysis Job** fails when Institution Zone attempts to compare two Network Zone Collections. This was fixed.
- **November 2022 Electronic Resource Management SF: 06422347**  
There was an error when trying to link an electronic collection with a long name to the Community Zone. This was fixed and no error is displayed.
- **November 2022 Electronic Resource Management SF: 06442369**  
Changes to the Access type in a Portfolio were not registered in the History tab. This was fixed.
- **November 2022 Digital SF: 06317505**  
Alma Viewer: Plain fulltext was not formatted correctly in Alma Viewer. This was fixed to show the line breaks as in the original file.
- **November 2022 Digital SF: 06418691**  
Publishing to OAI-QDC failed for updated records. This was fixed and now updated records are published.
- **November 2022 Digital SF: 06429342**  
After clicking on **push to MD editor**, the search entity type was changed from **digital titles** to **all titles**. This was fixed.
- **November 2022 Acquisitions SF: 06402444**  
In the **Acquisitions > Manage Import Profiles** page, rerunning files that failed previously caused an error when a filter pattern with a regular expression was defined on the profile. This was fixed and now the rerun action ignores the filter pattern.
- **November 2022 Acquisitions SF: 06396489 06443284**  
In the code table, the **Code** and **Description** fields of both the fourth and fifth reporting codes were not editable. This was fixed, and now they are editable.
- **November 2022 Acquisitions SF: 06225941**  
The distribution of funding among funds in a PO line was sometimes incorrectly rearranged when the **Manual Renewal** checkbox was selected. This was fixed, and selecting the checkbox no longer affects the funding distribution.
- **November 2022 Acquisitions SF: 06280471**  
When receiving items, if the user received one item by selecting **Create and Receive**, and then another item by selecting **Receive and Set Barcodes**, the second item was assigned the same barcode as the first. This was fixed;

Alma now creates a new barcode for every item created by means of **Receive and Set Barcodes**.

- **November 2022 Acquisitions SF: 06425507**

Some **EDI – Load Files EBSCO** jobs fail, even though testing the FTP in the vendor record is successful. We are including additional information in the log, to help us identify the reason for the failure of the FTP connection, if the problem arises again.

- **November 2022 Administration and Infrastructure SF: 06415962 05959804**

Previously, an operator who did not have the **User Identifier Update** privilege was incorrectly enabled to edit existing identifiers. This was fixed, and now only an operator with the **User Identifier Update** privilege is able to edit existing identifiers.

- **November 2022 Administration and Infrastructure SF: 06469079**

Previously, in the **User Record > Statistics** tab, values with dots were not displayed correctly. This was fixed.

- **November 2022 Administration and Infrastructure SF: 06393168**

UI overlaps when selecting multiple physical locations in an advanced search. This is fixed and the overlap no longer occurs.

- **November 2022 Administration and Infrastructure SF: 06426284**

Import of an Excel file into the Loan Status code-table didn't work. This was fixed.

- **November 2022 Administration and Infrastructure SF: 06446921 05317352**

Environment indication in the Alma menu is no longer visible, it only re-appears when the language of the UI is changed. This was fixed.

- **November 2022 Administration and Infrastructure SF: 06370175 06463028 06522816 06474557 06439540 06460287 06497526 06494028**

Relinking an item to another bib radio button appears absent or is difficult to see. This is fixed

- **November 2022 Administration and Infrastructure SF: 05329927**

The Analysis section of the Shelf Report was not translated. This was fixed.

- **November 2022 Analytics SF: 06263561 06232028**

The Fund Code prompt in the Acquisitions - Fund Reports dashboard displayed options for the 2021 fiscal year. This was fixed, and the options are no longer limited to the 2021 fiscal year.

- **November 2022 Analytics SF: 06047995 06403531 06438753 06399493**

The number of rows that were possible to export in formatted Excel format was limited. This was expanded to 1,000,000 rows.

- **November 2022 API SF: 06393609 06452135**

The `calculated_suppress_from_publishing` information has been added to the `holding_data` section at item info `/almaws/v1/bibs/{bib_id}/holdings/{holding_id}/items/{item_id}` (same structure and logic as on `rest_holding.xsd`).

- **September 2022 Acquisitions SF: 06340297**

In certain interface languages, when a user selected the **Approve** and **Order** option in a purchase request, the PO-line link was missing from the pop-up window that opened. This has been fixed: the PO-line link appears in the pop-up window in all supported interface languages."

- **September 2022 Acquisitions SF: 06405670**

The **Note to Vendor** field was not displayed in the PO-line list for electronic PO lines. This was fixed: the **Note to Vendor** field now appears in the PO-line list for all types of PO lines.

- **September 2022 Acquisitions SF: 05325907 06271550 05317796 06329721**

EDI invoices lines were created in the institution scope, making it impossible for a user with a role in the library scope to edit them. This was fixed: invoice lines are now created in the library scope.

- **September 2022 Acquisitions SF: 06297238 06312886**

When a user attempted to receive an item for which the PO contained no billing address or shipping address, the receiving process failed. This has been corrected: even if a PO is missing these addresses, the receiving process is completed successfully.

- **September 2022 Acquisitions SF: 06431925**

Searching for PO lines in the Receiving Workbench only displayed some of the PO lines that were returned from the SOLR index. This was fixed: all PO lines that are returned from the SOLR index are now displayed in the Receiving Workbench. Note that the PO lines in the SOLR index must be fully re-indexed in order to ensure that all data is returned and displayed correctly in the Receiving Workbench.

- **September 2022 Acquisitions SF: 06306300**  
The PO Line - Send EDI job placed the EDI file on the vendor's FTP server twice when the attachment was not successfully added to the PO. This was fixed: the EDI file is sent once even when adding the attachment to the PO fails; in this case, the file is not attached to the PO, but it is always attached to the vendor record.
- **September 2022 Administration and Infrastructure SF: 05763604 05619123 05300591 06280469**  
When two work-order departments had the same code in different scopes, for example, library A and library B, deleting the circulation desk from one of the scopes caused the receiving-operator roles from the other scope to be removed from all users who had them. This was fixed; deleting a circulation desk in one scope has no affect on other scopes.
- **September 2022 Administration and Infrastructure SF: 06234530 05317851**  
After running the User Synchronization job, the expiration date that appeared in the User Details General Information was updated correctly but the expiration date that appeared in the History tab was not. This was fixed; the correct date now appears in the History tab.
- **September 2022 Administration and Infrastructure SF: 06436053**  
When an external user account is opened for update, an Open for Update message appears, warning that the changes will be overwritten at the next synchronization, but giving the option of protecting a specified list of fields from being overwritten. The list of fields did not previously include the three user-preferred-name fields, as it should have. The list was corrected and now includes these fields.
- **September 2022 Administration and Infrastructure SF: 06436217 06473326 06404153 06469286**  
An error was generated when a staff user was forced to change their password. This was fixed; the error is no longer generated.
- **September 2022 Resource Management SF: 06267031**  
Previously, when configuring working days in the work order department with a large number, e.g. 9999999 (247,000 years from now), caused problems with the expiration date of the request and the request was not created. This was fixed and now the work order days are limited to 999999 days and the expiration date limited to 9999 years.
- **September 2022 Administration and Infrastructure SF: 06054332**  
Printing more than one printout from the Printouts Queue wasn't working well with some fonts. This was fixed.
- **September 2022 Administration and Infrastructure SF: 06378935**  
"When printing multiple printouts from the Printing Queue, special characters were not displayed. This was fixed."
- **September 2022 Administration and Infrastructure SF: 06402886**  
The **From** address when sending 'Fine Fee Payment Receipt Letter' was set according to the Order-response email type. This was fixed and now the 'Circulation communication' type is used.
- **September 2022 Administration and Infrastructure SF: 05317352**  
Environment indication in the Alma menu is no longer visible, it only re-appears when the language of the UI is changed. This was fixed.
- **September 2022 Administration and Infrastructure SF: 06223057**  
Accessibility: the right-hand side menu icons, both regular and configuration, are missing labels and are thus not announced by the screen-reader. This was fixed.
- **September 2022 Administration and Infrastructure SF: 06401272**  
Simple search > Physical Holdings search indexes drop-down filtering behaves differently than other types. This was fixed and the search indexes drop-down now has a search box.
- **September 2022 Administration and Infrastructure SF: 06399050 06381931**  
The widgets on the Alma dashboard are not loading when using the Firefox browser. This was fixed and the widgets now load properly.
- **September 2022 Administration and Infrastructure SF: 06306521**  
The RFID icon is not visible when customizing the Alma menu. This was fixed and the icon is now visible.
- **September 2022 Administration and Infrastructure SF: 06366901**  
The font size of the user card pop-up was reduced significantly. This was fixed and the font size has been increased.
- **September 2022 Administration and Infrastructure SF: 06441163 06271739**  
The delivery URL for the Alma viewer in the item available notification letter is the default institution. This is fixed. The delivery URL will be the delivery URL that the user has logged in and registered in the wait list for the currently available resource.
- **September 2022 Fulfillment SF: 05332119**  
Users with the Fulfillment Administrator - Read Only role could not see Overdue and Lost Loan Profile locations. This is

fixed; users with this role now see this information.

- **September 2022 Fulfillment SF: 06361884 05333165 06379760 05318125**  
In certain cases, a single item was listed as checked out multiple times at the same time to the same patron. This has been fixed; in this type of case, a single item only appears as checked out once to the patron. Note that corrupted data created as a result of this bug may still exist in the Alma database.
- **September 2022 Fulfillment SF: 06367457 06375315**  
Previously, work orders always had expected-completion dates, and these dates were displayed in Primo. It is now possible to configure a work-order department to have no expected-completion dates for their work orders, by entering '999999' in the 'Work Time (days)' field of the department's configuration.
- **September 2022 Fulfillment SF: 06386238**  
Previously, when a patron using Primo in a non-English interface attempted to renew a single item, and the item could not be renewed, the explanatory message that appeared was in English. These messages now appears in the language of the interface.
- **September 2022 Fulfillment SF: 06434526 06440811**  
Following data migration, some data was corrupted, causing errors when certain lost loans were marked as found. The Alma code has been adjusted to be able to handle data that is corrupted in this way.
- **September 2022 Fulfillment SF: 06409164 06295346**  
Previously, the Ful Hold Shelf Request Slip Letter did not show the expiration date for AFN requests. The letter now includes this date.
- **September 2022 Fulfillment SF: 06433183**  
Previously, digitization requests for items whose descriptions contained more than 1,000 characters failed with no error message. Now, digitization-request item descriptions that are longer than 1,000 characters are trimmed, so that only the first 1,000 characters are included in the request, and the request is processed correctly.
- **September 2022 Fulfillment SF: 05307515 06211259**  
Previously, the days of the week in date-range calendars appeared in English, regardless of the interface language. Now, the days appear in the language of the interface.
- **September 2022 Fulfillment SF: 05312355 05302150**  
When a resource-sharing item was returned through the Return Items page, Alma incorrectly marked the item as In Place instead of putting it in transit to the owning library. Alma now marks these items correctly as in transit to the owning library.
- **September 2022 Fulfillment SF: 06224498**  
Previously, when a user generated a query to a patron for a borrowing request, and while doing so, a new borrowing request was created in Primo, the query to patron action was performed on the wrong request. This was fixed; even if new borrowing requests are created while a user is generating a query to a patron about an existing borrowing request, Alma generates the query for the borrowing request that was originally selected by the user.
- **September 2022 Fulfillment SF: 06280172**  
Previously, when an Alma institution sent a renewal request to an NCIP-P2P non-Alma partner, and the lending institution responded to the request, in some cases the borrowing request at the Alma institution was not updated correctly. This was fixed; the information is now updated correctly in Alma borrowing requests when a response to a renewal request is received from an NCIP-P2P non-Alma institution.
- **September 2022 Fulfillment SF: 06345222**  
Previously, when a local request was converted to a resource-sharing request, existing patron notes were not moved to the Request Note field of the resource-sharing request. This was fixed; existing notes are now transferred correctly when local requests are converted to resource-sharing requests.
- **September 2022 Fulfillment SF: 06462997 06372148 06362002**  
Previously, when a resource-sharing item was returned, both a transit letter and a resource-request letter were printed. This was fixed; when a resource-sharing item is put in transit, only a transit letter is printed.
- **September 2022 Fulfillment SF: 06023409**  
When Lender Check-In is skipped and the Lending request remained in status "Returned by Partner", then when loaning the item to a patron, upon return from the patron, the item got shipped again for the lending request. This was fixed. Now, the lending request is completed once the item is loaned, so upon return, it will not be shipped again.
- **September 2022 Resource Management SF: 06263131**  
Field 773 with subfield \$\$w and subfield \$\$g was not working as expected. This was fixed.
- **September 2022 Resource Management SF: 06375348 06362013 06284405**

When a work order was cancelled while the item was in work order, there was an issue handling the item and closing the request from the item editor and Change Physical Items job. This was fixed, and now when a work order is cancelled while the item is in work order, it is still visible in the item editor and can be removed there and using the job - closing the request and changing the item to be in place.

- **September 2022 Resource Management SF: 06041711**  
Running export electronic portfolios job using TXT format completed with errors. The number of portfolios that failed was almost the amount of records in the collection "Ebook Central Perpetual, DDA and Subscription Titles". This error was fixed and the job completes successfully.
- **September 2022 Resource Management SF: 06404460**  
Loading the digital/collection import profile page lagged. This was fixed and now the collection dropdown was changed to a pickup field, thus enhancing the loading time of the page.
- **September 2022 Resource Management SF: 06327183**  
Delete Bibliographic Records job progressing in some cases in Network institutions slowly. This was fixed and the performance was improved.
- **September 2022 Resource Management SF: 05327518**  
When a search term contains an apostrophe ('), a record cannot be found. This was fixed and search results now include an apostrophe.
- **September 2022 Resource Management SF: 06226441**  
Searching for names in the P/E/D/All Titles search (keywords or specific index) is not working for multilingual vocabulary in specific cases. This has been fixed and the indexing issue that caused this error is resolved.
- **September 2022 Resource Management SF: 05332016**  
List of libraries in advance search is not according to UI language. This was fixed by having the SAML login now also working with JIT.
- **September 2022 Resource Management SF: 06262791 06375474**  
Physical Holdings Advanced Search > Add search term. Press **Enter** on the keyboard and nothing happens. This was fixed and now pressing Enter commences the search.
- **September 2022 Resource Management SF: 06304766 06221734**  
When signing in to Alma, sometimes the search is covered by a 'pale bar' for an extended period of time. This is fixed.
- **September 2022 Resource Management SF: 06387654**  
Sets list: The filter set option incorrectly appeared on this page for a set with content origin Network and Institution. This was fixed by removing the option for Network and Institution sets.
- **September 2022 Resource Management SF: 05314946**  
Add members to set job completed with warnings, although members were added to set successfully. This was fixed.
- **September 2022 Resource Management SF: 06287576 06289557 06286366**  
After filtering records in the favorite list using labels and trying to export them in an excel sheet or send them in an email, the results contain all the records from the filtered label. This was fixed.
- **September 2022 Resource Management SF: 06054573 06306259 06300999**  
Proxy is not applied to Quicklink in Primo VE. This was fixed and all Quicklinks are now proxied.
- **September 2022 Resource Management SF: 06410190**  
The filter for volumes displays wrong descriptions coming from other tables. This was fixed and the volume filter in the Get It section has only the list of available volumes.
- **September 2022 Resource Management SF: 06399073**  
**DC:type** and **DC:publisher** were missing from the analytics report. The operational record was fixed to contain the referring fields.
- **September 2022 Resource Management SF: 05311602**  
In the New Metadata Editor, the creation and modification dates of Community Zone records and the versions creation dates of Community Zone records were displayed with the community time zone. This was fixed and now all date information of Community Zone records are displayed with the current institution time zone.
- **September 2022 Resource Management SF: 05319325**  
The subjects list of a record in External Search results is ordered bottom up. This has been fixed. The subjects are now displayed in their original cataloging order.
- **September 2022 Resource Management SF: 05322106 05319106**  
New Metadata Editor: The item editor screen shows up briefly when performing a search after an item was created

before. This was fixed.

- **September 2022 Resource Management SF: 05306536**  
Some lines in the New Metadata Editor were not translated to Czech. This was fixed.
- **September 2022 Resource Management SF: 06044606**  
Intermittently in the New Metadata Editor, the cursor turns into a 'prohibited' symbol when trying to use the persistent search bar after save/release of a record. This was fixed.
- **September 2022 Resource Management SF: 06398844 06387340 06400023 06374699 05323610**  
Matching Headings are not found for Other Classification Numbers. This was fixed and now the bibliographic records list displays the records with the same heading.
- **September 2022 Resource Management SF: 05332907**  
New Metadata Editor: When adding directional characters to a field and saving using CTRL+S, the characters are removed from the field. This was fixed.
- **September 2022 Resource Management SF: 05314904**  
Headings for tag 830 with subfield \$\$v are showing the half-binocular icon for partial linking and can't be fully linked without removing subfield v. This was fixed and the linking on field 830 is now a full linking, regardless of the subfield v, which is not a subdivision field in this context but a volume.
- **September 2022 Resource Management SF: 06296813**  
When running an import job from a member institution, it may fail on some files with 'Failed in Commit after calling Network Zone'. This was fixed and a new action named 'Rerun selected' was added to the import job details screen, allowing to rerun multiple selected failed files at once.
- **September 2022 Resource Management SF: 05323340**  
New Metadata Editor: Search External Resources > 'SBN': The T140 section became disabled while entering 'strings' into the SBN search form. This was fixed.
- **September 2022 Resource Management SF: 06251467**  
If the customer is CDI, **Publishing to Primo Central** does not display in the Publishing information.  
If the identifier is just for **Publishing to Primo Central**, it displays as 'not listed'.
- **September 2022 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 are removed from the bibliographic record.
- **September 2022 Analytics SF: 05707447 05809011 05959895 05320828**  
The Loan Note field (**Fulfillment > Loan Details**) did not display data. This was fixed.
- **September 2022 Analytics SF: 06423498 06265143**  
The **Physical Items > PO Line > PO Line Notes** field displayed deleted notes. This was fixed and now this field displays only active notes.
- **September 2022 Analytics SF: 06216771**  
The "Forecast" option was not working in Data Visualization. This was fixed.
- **September 2022 Analytics SF: 06311014**  
Some LC classifications were being displayed as "Unknown". This was fixed.
- **September 2022 Analytics SF: 06402840**  
Adding LC Classification fields was creating discrepancies. This was fixed.
- **September 2022 API SF: 06237495 06257607 05312839**  
GOBI clients encountered a problem when creating an order in parallel-run mode, in which the match/merge method of the bibliographic record did not work properly. It is now possible to control the parallel run and change it to a serial run; doing this ensures that the match/merge method of the bibliographic record works correctly.
- **September 2022 API SF: 06354993**  
When using the API POST command to create users, if two users are created with identical identifiers at exactly the same time, the system does not recognize that the identifiers are duplicate. A new Customer Parameter, `block_user_creation_multi_thread`, was created to prevent this from happening. Customers who use the create-user API in parallel mode without populating the primary identifier in the payload, can prevent user duplication by setting the value of `block_user_creation_multi_thread` to true.
- **September 2022 API SF: 06422413**  
Item-level requests created by API sent webhooks without the item information. This was fixed; the item information is now sent with the webhooks.

- **September 2022 API SF: 06420545**  
The item creation or modification date was not appearing correctly in the Get item API. This was fixed; the dates now appear correctly.
- **September 2022 API SF: 06374980**  
The Retrieve Job Instance Details API was missing some information when retrieving an instance of the Users Synchronize job. Now all counters that appear in the UI are included in the API output.
- **September 2022 API SF: 06022856**  
The institution to decide whether to allow Cloud Apps to update user information by adding CLOUDAPP\_UPDATE\_USER privilege to the circ desk operator/manager (default is "not allow").
- **August 2022 Acquisitions SF: 05331633**  
When creating an invoice in the Hebrew Interface and trying to set a negative number for the total amount field, it changes it to a positive number. This was fixed and the total amount field now accepts a positive or negative number up to 14 digits with an optional decimal point.
- **August 2022 Acquisitions SF: 05316780 06231457 05299561 05319396 05319262**  
PO-Line Inventory Material Type appears as 'none' despite being in Alma / Oracle DB. Additionally, 'unknown' descriptions were displayed in the code table. These were fixed and the material types and descriptions are no longer displayed as 'none' and 'unknown'.
- **August 2022 Acquisitions SF: 06040267 06350222**  
Clicking on a PO line with multiple funds from the **Invoice Lines** tab in the Invoice goes to a fund instead of the PO line. This was fixed and users are directed to the PO line rather than the fund.
- **August 2022 Acquisitions SF: 06276197**  
When changing vendor for PO Line of type **Electronic Collection in Recurring Renewal** status, Alma closes the PO Line and creates a new one in the In review state. This caused unnecessary full indexing on all the portfolios under the collection and the indexing was executed online. The resolution to this issue handled two areas:  
1 - Move the indexing to the background  
2 - Ignore unnecessary indexing and only save the collection data and the DNX
- **August 2022 Acquisitions SF: 06035313**  
In the PO Line Renewal Letter, the library address was not filled in. This was fixed and now the address of the library that owns the PO line is included in the letter.
- **August 2022 Acquisitions SF: 06387683 06377301 06371118 06394303**  
When using advanced search for PO Lines by interested users an error was displayed. This was fixed and the error is no longer displayed.
- **August 2022 Acquisitions SF: 06303468**  
Orders from related records in the Network Zone produce wrong results in the PO Line. This was fixed. Regardless of which related record is ordered, the PO line displays the correct results.
- **August 2022 Acquisitions SF: 05319186**  
No results were found in invoice searches when searching for invoice owners in the **All** index. This was fixed by adding the **Owning library** to the Invoice searchable columns and index.
- **August 2022 Acquisitions SF: 05302665**  
The license term was not displaying properly in Alma/Primo VE. This was fixed and the term and parameter are now listed correctly.
- **August 2022 Acquisitions SF: 06270771**  
When a vendor code contains the character '&', saving it results in an error. This was fixed and now the vendor code in the message will not have the '&' character in the vendor code. The vendor code will be saved as entered in the UI, but the message will ignore the '&' in the vendor code.
- **August 2022 Acquisitions SF: 06378629**  
When reviewing the vendor's list pages sometimes pages are duplicated and display the same information as the previous one. This was fixed and the list is now displayed accurately and ordered.
- **August 2022 Acquisitions SF: 05307391 06276713 06224247 06396898 06370131 06312819 06276713 06224247 05317240 05307391 05301311**  
PO Line claim letters were being sent to vendors too frequently when an item was overdue. This problem has been corrected. Alma only sends an additional claim letter if the "reclaim interval period" has passed since the previous letter was sent.

- **August 2022 Administration and Infrastructure SF: 06317555**  
An FTP issue caused the Import From Bursar job to fail in marking a processed file as 'Handled', resulting in the same file being processed again in the next run. This caused incorrect credit fees to be created by the job. This was resolved and the incorrect data was cleaned up and the job was fixed so that this will not happen again by adding an FTP test at the beginning of the job. In addition, if the job now fails to mark a file as 'Handled', the changes done while processing the file will be automatically undone.
- **August 2022 Administration and Infrastructure SF: 06340157 06204800**  
Circulation desks that were deleted still appeared in user roles if the circulation desk was attached to a profile. This was fixed and now when a circulation desk is deleted, it is completely deleted regardless of its attachments.
- **August 2022 Administration and Infrastructure SF: 06438738**  
When using the Copy and Edit function from the simple record view, the new working copy was only created in the write CZ and not in the read-only CZ. This caused the save record draft functionality to fail in the MD Editor (which would also be apparent after performing a function like **Enhance the Record**). This has been fixed.
- **August 2022 Administration and Infrastructure SF: 06367813**  
Ful Pickup Print Slip Report Letter could be sent even if disabled at **Configuration > General > Letters > Letters Configurations**. This was fixed and now the letter is not sent if disabled.
- **August 2022 Administration and Infrastructure SF: 06284594**  
The anonymization of patron user accounts during the PSB refresh generates a lot of accounts with identical primary IDs. This was fixed.
- **August 2022 Administration and Infrastructure SF: 06223002**  
Accessibility - Contrast Ratio Requirements relating to WCAG 2.1 Success Criterion 1.4.3 AA. This was fixed and all accessibility issues are resolved.
- **August 2022 Administration and Infrastructure SF: 06223066 06045734**  
When trying to navigate back through the search index selection via Alt+Tab, users are shifted forward to the search box instead of back towards the search type selection. This was fixed.
- **August 2022 Administration and Infrastructure SF: 06223075**  
Alma accessibility page issues receive HTML validation error that starting page tag is missing `<!DOCTYPE html>`. This was fixed.
- **August 2022 Administration and Infrastructure SF: 06238008**  
When resizing the browser window while using Microsoft Edge, Alma's content does not adjust. This was fixed and the content correctly adjusts to the window size.
- **August 2022 Administration and Infrastructure SF: 05311368**  
Embed UV: fix to support showing download and share buttons
- **August 2022 Administration and Infrastructure SF: 05301823 05307627 05307328 06239354**  
HLS files were not displayed in Alma Viewer in mobile view. this has been fixed by upgrading HLS Angular component to 1.1.5 version
- **August 2022 Administration and Infrastructure SF: 06023242**  
Digital Representation viewer Time Remaining Modal confusing about how to close it. This was fixed. The user now can use the X marker to the right of the text in the time remaining display to close the time remaining display.
- **August 2022 Fulfillment SF: 05313221**  
When selecting the View Hidden option on Loans under the Manage Fulfillment Activities workbench and there are no loan notes, the code appears with the following incorrect values: `/infra/images/pix.gif`. This was fixed and now information values are displayed, such as: No, Null, or a hyphen.
- **August 2022 Fulfillment SF: 06304293 05326191**  
An error message appeared when immediately changing the **Due Date** at checkout for a newly created item. This was fixed.
- **August 2022 Fulfillment SF: 06357068 06045362**  
Previously, the Availability check indicator in the Resource Sharing request form indicates **Item Available for Request** although the bib record only exists in the Network Zone and is not held by any institution. This was fixed.
- **August 2022 Fulfillment SF: 06277702**  
When placing a Fulfillment Network item on the hold shelf, the Ful Resource Request Slip Letter prints the scannable request image, but not the item barcode image. This was fixed and now both the request ID and barcode are printed.
- **August 2022 Fulfillment SF: 06369563**

In some scenarios, requests got stuck in **Cancelled** status which caused a failure to create new requests on the item. This was fixed and now items are able to be requested.

- **August 2022 Fulfillment SF: 06395048**  
Previously, not all of the material types were mapped in the SIP2 response. This was fixed and now all the material types are mapped in SIP2 response.
- **August 2022 Fulfillment SF: 06391719 06366811**  
The MMS ID field was not displayed in the **Monitor Requests & Item Processes** page even when enabled. This was fixed and this field is now displayed correctly when enabled.
- **August 2022 Fulfillment SF: 06353808**  
Patron requests were sometimes not displayed in Primo-My Account when the patron had migrated requests. This was fixed.
- **August 2022 Fulfillment SF: 06314937 06057261**  
When receiving only one item, the Fulfillment note is not filled in the XML of the Resource Sharing Receive Slip Letter. This has been fixed. In addition, a confirmation popup was added before the letter printing, if the due date is in the past.
- **August 2022 Fulfillment SF: 06305981 05329222**  
In specific cases, 'borrowing locate' failed when creating a borrowing request from an external resource. This was fixed.
- **August 2022 Fulfillment SF: 06277029**  
When de-selecting the **Is Resource Sharing Library** checkbox from within the library details configuration, a confusing pop-up confirmation message appears. This was fixed and the message was updated to describe the situation more accurately. The message was changed,  
From: The library has active borrowing...  
To: The library may have active borrowing...
- **August 2022 Fulfillment SF: 06315714 06237738**  
Resource Sharing Lending Auto sends a message with an incorrect due date when an item was unavailable due to being shipped for another lending request. This was fixed. The due date in such cases is now 'unknown date'.
- **August 2022 Fulfillment SF: 06345727**  
In Primo search, an article outside of local coverage (based on issue) is appearing for a portfolio where only local coverage should be applied. This was fixed coverage can be set based on 'issue' and not only 'year'.
- **August 2022 Fulfillment SF: 06221940 06269784**  
**Real-Time Item-Level Descriptions** for Resource Sharing drop-down list showed a Description from a different bib record. This was fixed.
- **August 2022 Fulfillment SF: 06293343**  
For fulfillment network requests the Destination column in the **Request Queue** screen was empty. This was fixed.
- **August 2022 Resource Management SF: 05302726**  
The format of the PO line reference number breaks a search when the search criteria contained special characters, such as a forward slash. This is fixed and users need to contact Alma support to set the following system customer parameter to **'true'** (`po_line_reference_use_contain_search`). Setting it to true will cause the PO line reference search to use 'contains' instead of 'equals' as the search type.
- **August 2022 Resource Management SF: 06310966 06288031**  
No results were found when selecting all locations under a specific library in a permanent physical location for an advanced physical holdings search. This was fixed and the results are now displayed.
- **August 2022 Resource Management SF: 06298231**  
In Physical Holdings searches, the locations facet displayed name/code inconsistently. This was fixed so that the value displayed in the locations facet is dependent on the Library/Location Display configuration.
- **August 2022 Resource Management SF: 06348405 05350201 06243148 05323954 06321465**  
Community Zone searches were showing gray house icons for DB e-collections that were active locally. This was fixed. Active DB collections are defined as databases with a native interface URL and where the bibliographic record is not suppressed.
- **August 2022 Resource Management SF: 06254857**  
When the **Upload Electronic Holdings** job for Ovid was set up with multiple profiles, only one of the vendor files was used to create activations for all of the groups (because the other files were overwritten by the next). This was fixed.

- **August 2022 Resource Management SF: 06296933**  
When a bibliographic record contained a local extension value and a portfolio was loaded to this bib record, it was updated and the local extension value was deleted. This was fixed by setting the following added system customer parameter to **'true'** (temp\_save\_existing\_mms\_record\_in\_load\_portfolio).
- **August 2022 Resource Management SF: 05332406**  
When trying to download a representation from the Universal Viewer using the **Current View** option, a '400 Bad Request' error message was displayed. This was fixed and the error message is no longer displayed.
- **August 2022 Resource Management SF: 05319625**  
In Alma, the full **Author** field value is displayed. However, in analytics, the **Author** field is truncated to a maximum of 260 characters. This was fixed and now the full **Author** field value (beyond 260 characters) are displayed.
- **August 2022 Resource Management SF: 06313962**  
In the Digital Uploader, when selecting the **Submit Selected** button when no ingest is selected, no message was displayed to users that the submission would fail. This was fixed, and now when selecting the **Submit Selected** button and no ingest is selected, or if an ingest is selected but it cannot be submitted (due to the absence of a metadata file), an appropriate message is displayed.
- **August 2022 Resource Management SF: 06347231 06438523**  
Publish bibliographic record (DataSync) to OCLC jobs report successful publishing even when there was an FTP error. This has been fixed and in such cases, the job will indicate a 'failure' status.
- **August 2022 Resource Management SF: 06193779 06317836**  
MARC21 Bibliographic 008 field, position 35-37 Language: The value ||| or its definition of 'No attempt to code' does not show up in the drop-down even though it is a valid code according to MARC21 guidelines. If you manually enter ||| in the 008 positions 35-37 outside of the form editor, three warnings are received saying that character is not valid for that position. This was fixed. A new option was added to the New Metadata Editor relevant drop down and to the repository search index drop down - 'None of the above' with the code of three fill characters (|||).
- **August 2022 Resource Management SF: 06349492**  
After a Merge and Combine operation in the New MetaData Editor, the resulted record either does not appear on the list to the left and the loading screen continues indefinitely, after saving this record. This was fixed.
- **August 2022 Resource Management SF: 06366879**  
New Metadata Editor: Upon clicking F3, if the headings in the list are in the expanded mode presentation, the headings do not appear in the Bibliographic Records Matching Headings tab. This was fixed.
- **August 2022 Resource Management SF: 06248331 06053940 06319327 06373644 06290041 06250330 06216686 06273181**  
The New Metadata Editor takes nearly one minute for the first time a bib record needs to be edited. This was fixed by a technical re-design for performance improvements when opening the New Metadata Editor for the first time.
- **August 2022 Resource Management SF: 06289030**  
The resource type Microforms, based on 008 pos. 23, is still assigned to Maps if the Material Type definition for Map is using LDR pos. 6 = f. This was fixed and the Resource type format for Microforms was updated for MARC21 in the case of Map {Manuscripts - Physical}.
- **August 2022 Resource Management SF:**  
Alma Search Engine:  
A missing search term normalization causes omitting ISBN value from the search query and as a result, returning all the data of the institution, limited by other search conditions (if specified), when the following conditions are met:  
1. The ISBN composed only of non-alpha-numeric characters  
2. The solr\_searching\_language was set to a non-default value (meaning - not English).  
This was fixed.
- **August 2022 Analytics SF: 06047995 06403531 06399493**  
The number of rows that were possible to export in formatted Excel format was limited. This was expanded to 1,000,000 rows.
- **July 2022 Analytics SF: 05327094**  
Analytics: Previously, the Creator field in the Requests subject area did not display the original creator of the request if the request was canceled or completed. This was fixed.
- **July 2022 Acquisitions SF: 05301970 05318076 05331327**  
Users who had the **Purchasing Operator Extended** role in a library could not delete a PO or PO line from that library; only users with the Purchasing Operator Extended role for the entire institution could delete them. The validation

process has been corrected; users with the Purchasing Operator Extended role in a library can now delete a PO or PO Line from that library.

- **July 2022 Acquisitions SF: 06034397**  
When searching for PO lines by MMS ID number, unassigned PO lines were not found. Similarly, in a bibliographic record that was found by its MMS, unassigned PO lines were not found when the Order link was selected. Alma now finds unassigned PO lines for MMS IDs in both of these cases.
- **July 2022 Acquisitions SF: 06239584**  
The Purchase Request Status Letter and the Query to Requester Letter templates had a typo in the department name 'Acquisitions' instead of 'Acquisitions'. This was fixed.
- **July 2022 Acquisitions SF: 06057056**  
When an Order List letter had a **net\_price\_per\_copy** field instead of a **total\_price** field, the value was truncated so that the digits after the decimal point were not displayed. This was fixed and now the decimal digits are displayed.
- **July 2022 Acquisitions SF: 05322410**  
When a Purchase Request was created from Primo with an ISBN that had a space in it (e.g., 978 8417800741), the request was created, but it was linked to a different title. Spaces in an ISBN are now removed before it is sent from Primo to Alma.
- **July 2022 Acquisitions SF: 06278977 05304017 06377779 06287332**  
Material types created in the Community Zone only contained uppercase letters, while those in the PackageType code table used when creating PO lines in Alma could contain both uppercase and lowercase letters. As a result, the Material type in PO lines created from the Community Zone were not matched to the corresponding PackageType codes in Alma, and '(not listed)' appeared beside the Material type in the PO line. The code table has now been updated to align properly with the Material types coming from the Community Zone.
- **July 2022 Acquisitions SF: 05304097**  
An **Additional information** field could not be included in invoices that were imported from Excel. Support for this field, as well as two others (Fourth Reporting Code and Fifth Reporting Code) was added to the import-invoice feature for Excel, and these fields were also added to the sample Excel file.
- **July 2022 Acquisitions SF: 06259644 06025562**  
In certain cases, it was not possible to attach a license to an order, and an error message ('java.lang.IllegalArgumentException') was displayed. Licenses can now be attached to orders of these kinds.
- **July 2022 Acquisitions SF: 05753721 05517451 05326232**  
Subscription orders appeared in the Claims task list even when there was a predictable pattern in use and the items that were not yet received had an Expected Receipt Date in the future. This was due to a miscalculation of the claiming date. The problem was fixed, and subscription orders no longer appear in the Claims task list unless their Expected Receipt Date has passed.
- **July 2022 Acquisitions SF: 06357647**  
The EDI-Load Files process sometimes attached invoices to deleted vendor accounts. This process now only attaches invoices to active vendor accounts.
- **July 2022 Acquisitions SF: 05317626**  
When a vendor's API key was longer than 250 characters, the key could not be added to the vendor's SUSHI account. When trying to save such a vendor account, the error 'The vendor SUSHI Account entered is already in use. You must insert a different one' appeared. The maximum length of a vendor API key has now been increased to 500 characters.
- **July 2022 Acquisitions SF: 05321298 05326881 05308512 06258912 06225162 05300946 05327920 06241608 05305926**  
Due to a problem in the process that ensures data is not inadvertently duplicated, Counter 5 data was not reported correctly in Analytics. The problem was fixed, and Counter 5 data is now reported accurately in Analytics.
- **July 2022 Fulfillment SF: 05330699**  
When a personal-delivery request item was scanned to initiate its loan, no 'Set Security Bit' message was sent to the RFID server. As a result, the security bit was not disabled, causing problems when the item was later brought into the library. The required message is now sent to the RFID server when a personal-delivery request item is scanned for loaning.
- **July 2022 Fulfillment SF: 05314023**  
When a physical item was returned from RS lending at library A, but had a request for pickup at library B, the Full Resource Request Slip Letter was printed when the item was scanned at library A. The letter is now printed only when the item is scanned at library B.

- **July 2022 Fulfillment SF: 05311738**  
Some hold requests are not created successfully because the Terms of Use preclude them from being fulfilled. Previously, the failure to create such a request was not explained. A message explaining this now appears when a hold request is not created for this reason.
- **July 2022 Fulfillment SF: 06244164**  
Deleting a printer sometimes failed with the error 'This Printer is attached to a circulation desk and cannot be deleted,' even though the printer was not attached to any circulation desk. This was fixed and now the printers can be deleted.
- **July 2022 Fulfillment SF: 06217086**  
When a user marked an item as missing on the **Pick from Shelf** page, open requests for the item were canceled without warning the user. Now, when a user marks an item as missing, a message appears warning them that existing requests for the item may be canceled as a result.
- **July 2022 Fulfillment SF: 05324464 06258026 05303613 05307789 05333113**  
The number of active notes that appeared in Lending Request tasks and Borrowing Request tasks was not accurate, sometimes indicating that notes existed when they did not, and sometimes showing a larger number of notes than actually existed. The active-notes counter now shows the correct number of active notes.
- **July 2022 Fulfillment SF: 05326047**  
Adding a note to a lending request after the item was shipped changed the Send Date of the request to the date the note was added. This was fixed; the Send Date is not changed when a note is added to a lending request.
- **July 2022 Fulfillment SF: 05326115**  
1. When a patron asked to renew a loan associated with a borrowing Resource Sharing with multiple barcodes, and the Mediated Patron Renewal workflow was active, the request did not change its status to 'Mediated patron renewal.' This was fixed. The request status is now changed to 'Mediated patron renewal'. 2. When renewing multiple loans associated with a borrowing Resource Sharing with multiple barcodes via Alma Patron Workbench, only a single loan was renewed. This was fixed. Now all the associated loans are renewed in a single action.
- **July 2022 Fulfillment SF: 06322669 06404290 05307449**  
If a static URL included the string '%26' (an encoded ampersand), the string was decoded and inserted as an & in the target URL. The correct way to save such a string as a static URL is by double-encoding the character as %2526. However, even this string wasn't being decoded correctly. This was fixed and %2526 is now decoded correctly. This fix requires the customer parameter **uresolver\_interpret\_double\_encoded\_ampersand** to be set to **true**; users should contact Support to turn ON this setting.
- **July 2022 Fulfillment SF: 06286134**  
It was possible to edit the Requester field of an AFN borrowing request, even though changing the requester had no effect, since this scenario is currently not supported. To avoid confusion, the Requester field is now disabled and cannot be edited in this case.
- **July 2022 Fulfillment SF: 05312788**  
Inventory Remote Storage Update jobs were completed with warnings when very large quantities of records were processed. This was fixed; no warnings appear when large quantities of records are processed by this job.
- **July 2022 Resource Management SF: 06254307**  
When the **Export Bibliographic Records** job is run with a 'Physical Titles' set created by a query that includes an 'OR' condition, the job also exports bib records that have electronic inventory that are not part of the set. This has been fixed and only the records in the set are now exported.
- **July 2022 Resource Management SF: 06325585**  
Clicking **Toggle Missing Status** on list items displayed on the list's second page or above resets the pagination back to the first page. This was fixed and now when clicking the **Toggle Missing Status**, users stay on the current page they were at.
- **July 2022 Resource Management SF: 05319226 05303454**  
When filtering the Community Zone Updates Task List by Has Local Information, incorrect results are returned. This was fixed and filtering now yields the expected counts, numbers, and results.
- **July 2022 Resource Management SF: 06217380**  
Some changes in the Electronic Collections, Services, and Portfolios level are not recorded in the History tab. This was fixed by adding the Counter platform to the History tab in Electronic Collections and Portfolios, thus recording all changes on each level 'Collection, Services, and Portfolios'.
- **July 2022 Resource Management SF: 06308408**  
The 'Local Coverage' was not overriding the 'Global Coverage' for portfolios with group settings updated by the Upload Electronic Holdings job. This was fixed and now all uploaded portfolios display the 'Local Coverage'.

- **July 2022 Resource Management SF: 06377734 06361729**  
The **Change Electronic Collection information** job fails if the set type is Itemized. This was fixed and now the job runs on Itemized sets.
- **July 2022 Resource Management SF: 06269505 06247025**  
When creating an ingest using the Alma Digital Uploader, a timeout error is displayed when performing Add Files. This is fixed and now the files are added without an error.
- **July 2022 Resource Management SF: 6275383**  
When displaying the files of a digital representation, the file was not displayed and a Null Value error message was shown. Now the file is displayed without an error message.
- **July 2022 Resource Management SF: 06284521**  
When a digital set included many files totaling a file size of several GBs, the Download Files job finished with errors. This was fixed, and now the job finishes properly.
- **July 2022 Resource Management SF: 06374872**  
If a video generated by the Media covert job is greater than 5GB, an error occurs. This was fixed, and now the job can generate files larger than 5GB.
- **July 2022 Resource Management SF: 06241595**  
When publishing a set that contains both MARC21 and Dublin Core records, and using a filter, the publishing process did convert the Dublin Core records to MARC format, as specified in Output format of the publishing profile. However, the filter functionality was still applying the original registry ID of the Dublin Core records instead of the registry ID of the converted format, which caused an exception to be thrown when executing the indication rule, as rules for MARC records cannot be applied to Dublin Core records. This has been fixed so that the registry ID of the converted format is applied.
- **July 2022 Resource Management SF: 06390821**  
Adding a Title to a Collection from an All Titles Search results in the Row Actions and other Menu Items becoming unresponsive. Now, all UI / Search / Other options are usable after adding a title to a collection.
- **July 2022 Resource Management SF: 06312771**  
The libraries are not sorted alphabetically in the Physical Holdings advanced search dropdown menu. This was fixed and the libraries are now sorted alphabetically.
- **July 2022 Resource Management SF: 05326363**  
In an Advanced Search, when using the 'Equals' operator, the query operator is changed to 'Contains Phrase'. The query operator now consistently remains on the correct operator selected.
- **July 2022 Resource Management SF: 06343543**  
In Manage Sets, when viewing a logic collection set, the **Catalog Set** option is not displayed in the row's actions. This has been fixed, and the **Catalog Set** option is displayed in the row actions.
- **July 2022 Resource Management SF: 05303353**  
Duplicated records with temporary locations sometimes displayed the same location twice in GetIt. This was fixed and now the locations of duplicated records are not repeatedly displayed in GetIt.
- **July 2022 Resource Management SF: 06023210**  
There was an issue with Related Titles labels in Primo and PrimoVE. The issue occurred because the query to get the relation type was wrong. This query is fixed and now returns the correct relation type between titles.
- **July 2022 Resource Management SF: 06340054**  
In some cases when a related service title contains a '\$', ViewIt fails with the message: 'Requested resource/s temporarily unavailable'. This has been fixed and now ViewIt/CTO generation works as expected.
- **July 2022 Resource Management SF: 06337577 06294882 06339388 06298112 06307910 06327947 06341037 06372184**  
Export to Excel from My Account does not return any data. This was fixed by adding the View ID in the Request URL as a Query String Parameter, thus returning the expected data.
- **July 2022 Resource Management SF: 05313762 05305596 05307437**  
The out-of-the-box Cataloger Activity Report displays the amount of modified records per cataloger. However, instead of the name of the cataloger, the report displayed "System". This was fixed, and now the report displays the user name of the cataloger.
- **July 2022 Resource Management SF: 06221827**  
When adding a representation to a Network Zone MARC21 record, then canceling it, the MMS record type is emptied. This was fixed and now when adding and then canceling a MARC21 record, the MMS record type is kept.

- **July 2022 Resource Management SF: 06398844 06387340 06374699**  
Matching Headings are not found for Other Classification Numbers. This was fixed and now the bibliographic records list displays the records with the same heading.
- **July 2022 Resource Management SF: 06278665**  
In the New MetaData Editor, 'Holdings' is translated incorrectly under Records and not translated at all under Templates. This has been fixed and 'Holdings' is now translated correctly under the proper topics.
- **July 2022 Resource Management SF: 06379592**  
Using an indication rule by form for checking whether the control field's position value equals # or is empty is not working. It shows false, even when the record has an empty value (#) in this position. This was fixed with the creation of an indication rule that checks for blanks in control fields.
- **July 2022 Resource Management SF: 06349380**  
Indication rules by form with the condition 'OR' are processed incorrectly when taken in parentheses. Example: A and (B OR C) = when neither B nor C is present, the result should be 'false', but instead is 'true'. This was fixed and now the New Indication Rule Form editor correctly defines nested rules.
- **July 2022 Resource Management SF: 06311956 06284380 06333538 06243440 06253099**  
When the PO Line did not have a PO or a vendor invoice number populated, this caused the process to get stuck in the finishing step. This was fixed and now the Metadata Import Job operates without getting stuck and does not prevent other files from loading.
- **July 2022 Resource Management SF: 06025667**  
Resource type Other instead of Image was incorrectly displayed in some MODS records. This was fixed and now the MODS records are correctly defined and display the correct resource type.
- **July 2022 Resource Management SF: 05310513**  
When contributing to CALIS, the field 992 \$a NEW is created in the bib incorrectly. This was fixed and now upon contribution, the original document is sent to CALIS and does not create the field.
- **July 2022 API SF: 06332926 06309539**  
In the China data center, when the link in the 'Reset Password' email was selected, the error message 'Illegal Institution - Please try again' was displayed in the browser page that opened. The problem was fixed, and the link in the 'Reset Password' email now works properly in the China data center.
- **July 2022 API SF: 06352243 06301668**  
In some cases, running the Retrieve Letters API failed and generated an Internal Server Error. This problem was fixed, and the Retrieve Letters API now runs properly.
- **July 2022 API SF: 06022856**  
If a logged-in user changed their 'I am physically at' location after loading a Cloud App, the change was not implemented. This problem has been fixed; changes to the 'I am physically at' location are implemented properly.
- **July 2022 Administration and Infrastructure SF: 05756874 05317143 05333362 05324304 05332134 06369890 05333061 05303829**  
Read Only roles do not behave as expected and can edit configuration tables. This was fixed and read-only roles do not have the ability to make configuration changes.
- **July 2022 Administration and Infrastructure SF: 05333156**  
**Purge users** job failed in some cases due to an issue in the saving users process. This was fixed and the job completes without failures.
- **July 2022 Administration and Infrastructure SF: 06040438**  
User fines and fees pagination used to show some fines multiple times between pages. This was fixed and duplicate entries no longer appear.
- **July 2022 Administration and Infrastructure SF: 06282397**  
When enabling digitization for circulation desks, the work order roles of the operators are added but without the rule parameter. This was fixed.
- **July 2022 Administration and Infrastructure SF: 05331217**  
Changes to the Expiry Date was incorrectly enabled for External Users. This was fixed and the Date field can only be updated if the user is open for updates.
- **July 2022 Administration and Infrastructure SF: 05317316**  
User profile pictures are left-aligned instead of centered in the profile picture box. This is fixed and profile pictures are aligned in the center of the box.

- **July 2022 Administration and Infrastructure SF: 06376443 06400039**  
Selecting the Recent History dropdown menu results in the dropdown menu options being displayed beyond the right edge of the menu. This was fixed.
- **July 2022 Administration and Infrastructure SF: 06367455**  
In the Manage Patron Service screen, when you click the **Recent searches** icon, the icon is not displayed correctly. This was fixed.
- **July 2022 Administration and Infrastructure SF: 06369060**  
In Broken Link Report, the 'Link' under Alerts is grey even though it is clickable. This was fixed and the link now appears blue.
- **July 2022 Administration and Infrastructure SF: 06239827**  
New Metadata Editor: Cataloging Permission Level menu option is not displayed. This was fixed. The option now appears in the menu.
- **July 2022 Administration and Infrastructure SF: 06286481**  
Representations will not be displayed in the Universal Viewer when the collection name has an apostrophe in its name. This was fixed and the Viewer now displays representations.
- **June 2022 Acquisitions SF: 05300688**  
The renew task list was missing the change bib reference popup. This was fixed.
- **June 2022 Acquisitions SF: 05317726**  
Manually uploading usage statistics file tr\_j3 failed. This was fixed.
- **June 2022 Acquisitions SF: 06339355**  
Amounts from funds disappeared in Fund Transfers after selecting them from the drop-down. This was fixed.
- **June 2022 Acquisitions SF: 05319310 05300489**  
The calculation of active purchase requests for MMS records was incorrect. This was fixed.
- **June 2022 Acquisitions SF: 06346759 06346108 06344701**  
PO number was not found in Po Line autocomplete when adding an invoice line. The indexing was fixed, and it is now possible to search the autocomplete using PO number.
- **June 2022 Acquisitions SF: 06268358**  
An error was displayed when clicking the **In Review** link for some invoices. This was fixed.
- **June 2022 Acquisitions SF: 06280067 06034862**  
The **Interested In** letter is not sent when the e-resource is activated. This was fixed.
- **June 2022 Administration and Infrastructure SF: 05318944 05320935 06277151**  
When adding new user fines and fees, in some cases the user had not been indexed and the fine was not returned in a search. This was fixed.
- **June 2022 Administration and Infrastructure SF: 05322114**  
**User Group** of users created via SAML Self Registration was locked from being changed by the Users Synchronize job. This was fixed.
- **June 2022 Administration and Infrastructure SF: 05320821**  
Synchronize SIS jobs failed in cases where one of the users has a corrupted identifier. This was fixed and the user will be updated regardless.
- **June 2022 Administration and Infrastructure SF: 06294234 06045009 06274657 06286188 06360412**  
Fines and Fees with decimal points were rounded up while indexing users. This was fixed. Re-indexing all the users is mandatory for the search to be updated with the fix.
- **June 2022 Administration and Infrastructure SF: 06345043 05322584**  
When creating a work order type that includes '\_' within the name, the new work department wasn't displayed upon saving. This was fixed.
- **June 2022 Administration and Infrastructure SF: 06223008**  
According to web accessibility guidelines, "skip" link should be provided for blocks of content that are repeated on multiple pages. This link was missing in the Alma UI, and is now provided.
- **June 2022 Administration and Infrastructure SF: 05312021**  
Share Buttons in New Alma Viewer not working correctly on mobile. This was fixed.
- **June 2022 Analytics SF: 05322320 06224172 05318287**

- The **Fulfillment > Loan Details > Loan Note** field did not display the last note added as expected. This was fixed.
- **June 2022 Analytics SF: 06265143**  
The **Physical Items > PO Line > PO Line Notes** field displayed deleted notes. This was fixed and now this field displays only active notes.
  - **June 2022 Analytics SF: 06337814**  
The Analytics API did not work properly and displayed an **internal server error**. This was fixed.
  - **June 2022 Analytics SF: 06047995**  
The number of rows that were possible to export in formatted Excel format was limited. This was expanded to 1,000,000 rows.
  - **June 2022 API SF: 05318496**  
In the GET-PO-Lines APIs, the resource metadata was only giving the mms\_id and title in some cases. This was fixed and has been expanded to the full number of fields that can be displayed.
  - **June 2022 API SF: 06043653**  
Create Resource Sharing Request API: the field user\_id\_type was mandatory, unlike other user-related APIs. This was fixed.
  - **June 2022 API SF: 06281981**  
Scan-in API was not working when a fulfillment note was set. This was fixed.
  - **June 2022 API SF: 06208920**  
The Get-Loans API failed when output included loans that have no user attached. This was fixed.
  - **June 2022 API SF: 05302356**  
The Update e-collection API didn't support removing all the group settings. This was fixed.
  - **June 2022 Fulfillment SF: 06352173**  
Services calculations were prevented when the base status of the item was null. This was fixed.
  - **June 2022 Fulfillment SF: 05304892**  
DOI fetch for link resolver causing CDI RTA problems because electronic ISSN in Crossref incorrectly contains 0000-0000. This was fixed. In case DOI fetch returns <issn media\_type="electronic"> 00000000</issn> , the eISSN information from Crossref fetch is not used. Instead, the ISSN information from OpenURL is used.
  - **June 2022 Fulfillment SF: 05299075**  
In a fulfillment network, when checking out an item from a different institution via Self Check or via RFID the item was not desensitized. This was fixed.
  - **June 2022 Fulfillment SF: 05302691**  
Previously, when importing a calendar and the **From hour** and **To hour** columns were left blank for exceptions causing resetting of the calendar. This was fixed. Manually adding an exception without hours, the hours will be added automatically 00:00 - 23:59.
  - **June 2022 Fulfillment SF: 05303119**  
In specific cases, the calendar did not show the correct opening time. This was fixed.
  - **June 2022 Fulfillment SF: 06049942 05320935**  
Returning a Loan Associated with Overdue Block does not Add User History Line Until User is saved again. This was fixed. Adding and deleting blocks now re-indexes the user and updates the history.
  - **June 2022 Fulfillment SF: 06268200**  
Scan-In interface incorrectly associates an Item to a Request. This was fixed.
  - **June 2022 Fulfillment SF: 06304510**  
Manage Patron Services **Returns** label was misleading. This was fixed and now the message reads **Returns Display**.
  - **June 2022 Fulfillment SF: 06263114**  
When renewing an item using SIP, the message would always be in English. This was fixed.
  - **June 2022 Fulfillment SF: 06284015**  
When Mail Handling Integration Profile was configured but inactive, there were issues with the email's "from" address. This was fixed.
  - **June 2022 Fulfillment SF: 05316477**  
FulOverdueAndLostLoanNotificationLetter XML did not contain patron's total balance. This was fixed. The patron's active balance is added to the XML of multiple patron letters (e.g. FulOverdueAndLostLoanNotificationLetter). Now, this information is available for including in the letters.

- **June 2022 Fulfillment SF: 06239113**  
A recall request on a loaned item sent a notification to the patron with the change of the due date. If the recall request was canceled and a new recall was created, the patron did not receive another notification. This was fixed.
- **June 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.
- **June 2022 Fulfillment SF: 06266331 06277534**  
Items from other institutions in a fulfillment network sometimes did not appear in the hold shelf lists. This was fixed.
- **June 2022 Fulfillment SF: 06284390 06247771**  
The **Send Requests to Remote Storage** job consistently failed in a specific institution due to a request with corrupted data. The corrupted request was deleted. A fix was added to prevent the creation of such corrupted data in the future. In addition, a fix was applied to the remote storage job to prevent it from failing again if another similar data corruption occurs.
- **June 2022 Fulfillment SF: 06366969 06273493**  
Before converting schedules to new scheduling, customers could not update the job status (Active/Inactive) of **Borrowing Activity** job and **Send Courtesy Notices and Handle Loan Renewals** job. This was fixed.
- **June 2022 Fulfillment - Resource Sharing SF: 06260617 05327793 06213207**  
Updating a Lost/Damaged loaned borrowing request does not delete its loan, unless its status has been changed to Request Completed. This was fixed.
- **June 2022 Fulfillment - Resource Sharing SF: 05329260 06233225**  
In Lending Requests tab, the statuses **EXPIRED** and **CANCELLED** were considered as **Active** instead of **Completed**. This was fixed.
- **June 2022 Resource Management SF: 06265790**  
The sorting function on the Reminder Status configuration did not match the drop-down menu order. This was fixed.
- **June 2022 Resource Management SF: 06294809**  
The holdings search results display doesn't show the colored dots indicating the availability of the items. This was fixed.
- **June 2022 Resource Management SF: 06256619 06048570 06254769 06043525 06286214 06350553 06368121 06302027 06342052 06268546**  
When exporting a set of physical holdings, the export fails. This was fixed.
- **June 2022 Resource Management SF: 05331261**  
If a portfolio was saved with static URL linking, and a user tried to Test Access using a parser and parse parameter from inside the Portfolio Editor, Alma didn't calculate the Target URL correctly. This was fixed.
- **June 2022 Resource Management SF: 05307487 06248464**  
Associate standalone portfolios job report was sometimes showing an incorrect number of portfolios added. This was fixed.
- **June 2022 Resource Management SF: 05302033**  
When a multi-campus Alma institution had multiple profiles for the Upload Electronic Holdings (Proquest) job, if one site ID (for example: abc) was a substring of another site ID (for example: abcd), all of the longer site ID's holdings would also be saved for the shorter site ID. This was fixed.
- **June 2022 Resource Management SF: 05317257**  
Update in Community failed when the number of modified MMS records is bigger than 1000. This was fixed.
- **June 2022 Resource Management SF: 06268532**  
Load Portfolios from a file, an ISBN starting with 979 is wrongly converted to ISBN-10. This was fixed.
- **June 2022 Resource Management SF: 06316972**  
An error occurred when trying to access the Community Zone Updates Task List after performing a sorting for the **Is Free** column. This was fixed.
- **June 2022 Resource Management SF: 05321264**  
RSS Publishing: When RSS version 2.0 is selected, the date format of **pubDate** and **arrivalDate** in the output file was '04/24/2022 10:23' instead of 'Sun, 24 Apr 2022 10:23:15 GMT' as required by the RSS 2.0 standard. This has been fixed. If RSS 2.0 is not selected, the previous date format is used.
- **June 2022 Resource Management SF: 06262126**  
ASRS Integration: The **Inventory Remote Storage Update** job was not processing physical items deleted by the

- Withdraw Physical Items** job. This has been fixed.
- **June 2022 Resource Management SF: 05301216**  
In some cases, the Electronic Collection search does not load new results and reloads the old collection search. This was fixed.
  - **June 2022 Resource Management SF: 05326581**  
Items from a specific location appear in the results of physical items search when this location is excluded by the search criteria. This was fixed.
  - **June 2022 Resource Management SF: 05332037**  
Non-existent Spanish translation for 007 field of MARC21- the drop-down lists of options are not translated. This was fixed.
  - **June 2022 Resource Management SF: 05318112**  
In the New Metadata Editor, one could not add an Alternate Graphic Representation to templates. This was fixed.
  - **June 2022 Resource Management SF: 05321517**  
Wrong community templates appear in the templates list for locally defined authorities. This was fixed. Since the Community Zone can't have templates for a vocabulary that is locally defined only in an Institution Zone, two changes were made to Alma's behavior in the New Metadata Editor: 1) Do not retrieve templates from the CZ for local-only vocabularies, 2) Do not allow contribution to the CZ for local-only vocabularies.
  - **June 2022 Resource Management SF: 06255609**  
Implemented punctuation rules for Updated Bibliographic Records are incorrect for MARC 7XX subfield 'd' followed by subfield 't'. This was fixed. Updated the punctuation rules to be tagged '7XX \$\$d' followed by '\$\$t' punctuation to be added. If punctuation exists/does not exist, condition = -.
  - **June 2022 Resource Management SF: 06281525**  
When using F3 on a NAMES-linkable field in a bibliographic record in the New Metadata Editor, and then clicking the **Create Authority Record** link, the new authority record was created using the first NAMES vocabulary defined in the authority\_names customer parameter, regardless of which vocabulary tab was selected in the headings browse view. If the first vocabulary defined in the authority\_names customer parameter was not a vocabulary for the same registry as the record (for example, a MARC21 vocabulary when the record is CNMARC) then an error message would appear ("Cannot create authority record, vocabulary XXX not found"). This has been fixed. The authority record is now created using the vocabulary of the selected tab (or the last selected vocabulary tab if the 'Headings from bibliographic records' tab is selected).
  - **June 2022 Resource Management SF: 06310922**  
In the Overlap Analysis Compare Collections job, partial coverage matches were sometimes returned as complete coverage matches. This was fixed.
  - **May 2022 Acquisitions SF: 05302270**  
Irregular behavior when trying to link item to PO line. This was fixed and the error message was updated to reflect the correct error.
  - **May 2022 Acquisitions SF: 06223146 06216859**  
It was not possible to add a PO line as an additional PO line of type **license upgrade** when ordering from an electronic collection. This was fixed.
  - **May 2022 Acquisitions SF: 05324591**  
When sending a query from a purchase request, the email addresses are free text fields. Trying to add multiple emails to the CC field results in an error when sending the message. This was fixed by splitting CC values and creating an email receiver for each one.
  - **May 2022 Acquisitions SF: 05319063**  
When saving a PO line, there was no verifying if the transaction fields were changed. This was fixed. There is a verification if the transaction fields were changed and if so, there are validations and updates on the transactions.
  - **May 2022 Acquisitions SF: 06049035**  
Staff creating a PO line is able to see and use vendors and funds not available for the owning library of the PO line, or for the staff user's roles. This was fixed.
  - **May 2022 Acquisitions SF: 05321261**  
Resource in **License Inventory** tab throws an error when clicked. This was fixed.
  - **May 2022 Acquisitions SF: 05323150 06040787**  
Saving changes in vendor and/or vendor accounts did not index the related PO lines in SOLR. This was fixed.

- **May 2022 Acquisitions SF: 05322661**  
In EDI orders, the ISBN was not added to the EDI message when there was a trailing space character at the end. This was fixed.
- **May 2022 Acquisitions SF: 06040740**  
Error is thrown when trying to manually upload a SUSHI file even after splitting it. This was fixed.
- **May 2022 Administration and Infrastructure SF: 05301641**  
When running **Users SYNCHRONIZE** job on an existing user, the create date value was incorrectly modified. This was fixed. The create date is now kept as is, only the milliseconds are being set to zero. The same happens for an IZ user being updated from NZ (centralized job).
- **May 2022 Administration and Infrastructure SF: 06317074 06040565 06057150 06028016 06261385**  
A Purchase Request in status Rejected blocks deleting user via API. This was fixed and no error is thrown when a requester is; 'not exist/deleted.'
- **May 2022 Administration and Infrastructure SF: 06043268**  
In **Manage Patron Services > Add / Renew Patron Role**: The confirmation message Old Expiration Date was misleading. This was fixed and now the message reads **Current Expiration Date**.
- **May 2022 Administration and Infrastructure SF: 06215091 06278031 06035642**  
The Network SAML profile has been updated to use the new certificate, but the changes are not distributed successfully to the Institution Zones. This was fixed and SAML Profiles are now distributed to network members.
- **May 2022 Administration and Infrastructure SF: 05330515**  
In Firefox, the **Holdings** text expands beyond the frame and screen. This was fixed.
- **May 2022 Administration and Infrastructure SF: 05313681**  
When selecting an item from the Monitor Requests and Item Processes that is in transit, the value **Transit for reshelving** under the Request Type column is not translated. This was fixed.
- **May 2022 Administration and Infrastructure SF: 06263316**  
Location names are translated, but fail to appear in Alma facets that still display the default English name even when the language is changed in the UI.
- **May 2022 Administration and Infrastructure SF: 06263235**  
The card renewal fee type was explicitly set to 'lower case'. This is now fixed and Alma does not modify the case in which the type appears.
- **May 2022 Administration and Infrastructure SF: 05328280**  
When the XML of the samples used for configuring letters was downloaded, the file didn't have the XML extension. This was fixed.
- **May 2022 Administration and Infrastructure SF: 06326250**  
**Add Note** popup box disappears underneath the right-side panel in all record types when expanded. This was fixed.
- **May 2022 Fulfillment SF: 05314834**  
Fulfillment network requests on the expired hold shelf were sometimes not put into transit back to the home institution when the **Transit** button was clicked. This happened for example when the item had a fulfillment note. This was fixed.
- **May 2022 Fulfillment SF: 05332794**  
In a fulfillment network, returning an item from a different institution that had an expired hold request created a transit loop instead of closing the request and sending the item back to its home institution. This was fixed.
- **May 2022 Fulfillment SF: 05316587 05308273 05320447**  
When scanning multiple items using an RFID pad, Alma displayed the same title for all of them. This was fixed.
- **May 2022 Fulfillment SF: 05319670**  
Traditional Chinese characters were garbled in the **Work Order Type Name** field and in the header of the Work Order Type Statuses page. This was fixed.
- **May 2022 Fulfillment SF: 06254953**  
The **Physical Locations** tab of the default Circulation Desk opened with no location attached and an error message displayed, in case more than 1000 locations are attached to the desk. This was fixed.
- **May 2022 Fulfillment SF: 06255430 06251939 06247315**  
An error was displayed when opening the Request Queue for Migrated Hold Requests. This was fixed.
- **May 2022 Fulfillment SF: 06273777 05301844 05300867**  
Searching external resources via Borrowing Request didn't work for some resources. This was fixed.

- **May 2022 Fulfillment SF: 05320707**  
Ship non-returnable action for lending request has no cancel option. This was fixed. For every change of request type action, a popup appears.
- **May 2022 Fulfillment SF: 06047999**  
In some cases, Alma gets the wrong data for the article title when a borrowing request has DOI (Digital Object Identifier). This was fixed.
- **May 2022 Fulfillment SF: 06041493**  
When loaning an item attached to a borrowing request which has a due date before the patron's expiration date, the patron was mistakenly sent a **Shortened Due Date Letter** with the reason PATRON\_EXPIRATION. This was fixed.
- **May 2022 Fulfillment SF: 05299902**  
Creating a linked account failed if the user's phone number contained special characters (such as the 'form feed' character). This was fixed.
- **May 2022 Fulfillment SF: 06287197**  
In a Fulfillment Network, linked users cannot checkout items in another member institution; An error message was displayed when the birthdate is not a shared field and the birthday default value was displayed. This was fixed.
- **May 2022 Resource Management SF: 06254769 06284738 06306559 06276781 06284643 06286214 06284271 06311424 06309841 06315135**  
**Export Physical Holding** - advanced search results exported to Excel failed. This was fixed
- **May 2022 Resource Management SF: 06287699**  
When editing an item record with no info in ENUM/CHRON, opening the tab, and then leaving it; the blue marker that indicates the tab has information was incorrectly displayed. This was fixed.
- **May 2022 Resource Management SF: 05350201 06243148 05323954 06321465**  
CZ searches were showing gray house icons for database e-collections even if they had an active locally-created service. This was fixed.
- **May 2022 Resource Management SF: 06306987 05324044**  
Advanced Search for Collection Access Type is empty in Alma returns collections with an access type. This was fixed. The fix will be deployed gradually with the semi-annual indexing job starting in the May release.
- **May 2022 Resource Management SF: 06214030 05325461**  
When a collection library was changed, it was sometimes still searchable under the old value. This is because the portfolios were not re-indexed (unless the temp\_user\_scope\_limits\_electronic\_resources customer parameter was true). This was fixed and the portfolios are reindexed whenever the collection library is updated.
- **May 2022 Resource Management SF: 05330777 05314308 06274151 05310913 05300494 06261733 06251376**  
In some cases, the **COUNTER Platform** field in the electronic collection editor and the portfolio editor did not return suggested values or accepted valid values. This was fixed.
- **May 2022 Resource Management SF: 05302712**  
In some cases, the library name displayed in the CZ updates task list shows the name of a different library than the electronic collection editor. This was fixed.
- **May 2022 Resource Management SF: 06217666 06307864 06225341 06308731 06263073 06271739**  
The Delivery URL was blank in the Delivery Registration Status Letter. This was fixed.
- **May 2022 Resource Management SF: 06259957**  
**General Publishing > Physical Items Enrichment > Create date**: incorrect creation dates were published, for items with creation dates earlier than the migration date. This was fixed.
- **May 2022 Resource Management SF: 05318916**  
The indexing and searching for authentication notes weren't set up correctly for cases when the solr\_searching\_language customer parameter was in use. This was fixed.
- **May 2022 Resource Management SF: 05330640**  
Physical Items Advanced Search: the **Contains exact phrase starting with** search operator is now available for the **Barcode** field. This means that barcodes can be searched according to the first 2 - 15 characters, e.g. Barcode containing the exact phrase starting with '123' will retrieve an item with barcode '1234567'. This will be gradually deployed during the May+June 2022 semi-annual inventory.
- **May 2022 Resource Management SF: 06210778**  
GES URL that includes spaces in prefix caused an error. This was fixed.
- **May 2022 Resource Management SF: 05331170**

- New Metadata Editor: Fuzzy Non-Serial Match Method (CDLMatchingProfile) does not find a match. This was fixed.
- **May 2022 Resource Management SF: 05312826**  
New Metadata Editor - actions grouped in the dropdown menu vs. actions without menu are not distinguished in the menu bar. This was fixed. An icon was added to the menus with a dropdown.
  - **May 2022 Resource Management SF: 05331123**  
New Metadata Editor: When browsing BIB Headings in the presenter form and closing the left pane of the screen, both right and left screen panes close. This was fixed for all search and browse form presenters.
  - **May 2022 Resource Management SF: 05300372**  
In New Metadata Editor, Placement Options are displayed under both Records and Templates but not under Rules. This was fixed and is now displayed under a new menu for Rules.
  - **May 2022 Resource Management SF: 05300433**  
New Metadata Editor: Normalization rule preview does not show local extension for an IZ record. This was fixed.
  - **May 2022 Resource Management SF: 05302137**  
New Metadata Editor: Typing full-width Japanese characters from the keyboard caused focus problems in the first and second indicator fields. This was fixed.
  - **May 2022 Resource Management SF: 05326247**  
New Metadata Editor > Relink holdings: It is not possible to see the holdings and the new BIB - side by side when you use the search box. This was fixed
  - **May 2022 Resource Management SF: 06268838**  
New Metadata Editor: Cannot search external resources when it is opened side by side with a CZ record. This was fixed, the search resources menu action is now disabled when a CZ record is open in the metadata editor.
  - **May 2022 Resource Management SF: 05309188**  
The SBN search screen included a cancel button, which did nothing. This was fixed and the cancel button has been removed.
  - **May 2022 Resource Management SF: 05326340 05314206**  
For some records, the brief level in IZ is not calculated correctly for records linked to the CZ. This was fixed.
  - **May 2022 Resource Management SF: 05333099**  
When you create a new holding and save the holdings as a template, the template is saved in the NZ automatically. After the next login, the template disappears from the templates list. This was fixed and a record saved as a template will be saved in the IZ only.
  - **May 2022 Resource Management SF: 06221668**  
Preferred term correction was not updating **UNIMARC BIB 676** fields based on the authority 250 field. This was fixed.
  - **May 2022 Resource Management SF: 05305578 05300846**  
Authority Management: Authority Preferred Term Correction job and New Metadata Editor's F3 incorrectly removed punctuation from field 100 \$\$d, as it is followed by \$\$e. This was fixed.
  - **May 2022 Resource Management SF: 05331502**  
MARC Tag 776 wasn't converted correctly to BIBFRAME. This was fixed.
  - **May 2022 Resource Management SF: 06276494**  
Metadata Configuration: In some cases, after changing the Brief Level Rule and saving, the displayed Brief Level Rule is the previous one. This was fixed.
  - **May 2022 Resource Management SF: 05314127 05299774**  
Records with 'LDR pos. 06 = a' AND 'LDR pos. 7 = c' were not set to be with resource type = 'Collection'. This was fixed.
  - **May 2022 Resource Management SF: 06218421**  
When pushing to New Metadata Editor or editing a GND authority record from the view page, the user's cataloging level was not checked, and the user could edit records that they were not permitted to edit. This was fixed.
  - **May 2022 Resource Management SF: 05302373**  
The central catalog integration job failed to connect to the customers email server because of the connection's TLS version. This is fixed by ensuring that the TLS version is V1.2. The fix is controlled by an internal customer parameter temp\_sudoc\_job\_tls\_1.2
  - **May 2022 Resource Management SF: 06294868**  
Changing a 702 tag to a TU record, the contribution to SBN failed with the error **3209 Incongruenza responsabilit**

- autore.** This was fixed.
- **May 2022 Resource Management SF: 00971227 05302373**  
The central catalog integration job failed to connect to the customers' email server because of the connection's TLS version. This was resolved by ensuring the TLS version is 1.2. The resolution is controlled by an internal customer parameter: `temp_sudoc_job_tls_1.2`.
  - **May 2022 Analytics SF: 06273038 05327567**  
The List of Analytics Objects (**Analytics > Analytics Object List**) did not display all of the items in the list. This was fixed.
  - **May 2022 Analytics SF: 06279642**  
Certain link resolver usage data was erroneously included in analytics reports. This was fixed.
  - **May 2022 Analytics SF: 06301723**  
The **Num of Digital Accesses** field (**Borrowing Requests > Partner Level Measurements**) was not calculated correctly. This was fixed.
  - **May 2022 API SF: 05328002**  
Get Courses API didn't return the total number of courses when used with `limit=0`. This was fixed.
  - **May 2022 API SF: 06041555**  
APIs relating to the management of sets didn't support sets of Reading-lists. This was fixed.
  - **May 2022 API SF: 06276130**  
Retrieve BIBs API - when one of the input MMS-IDs was wrong, an error was returned. This was fixed and now the wrong MMS-IDs are ignored.
  - **May 2022 API SF: 05313662**  
It was possible, using the REST APIs, to create two email addresses for a user, both configured as 'preferred'. This was fixed. Now when more than one email address is sent to the API as 'preferred', only the first email address is configured as such.
  - **April 2022 Analytics SF: 05959895 05809011 05707447 05320828**  
The **Loan Note** field (**Fulfillment > Loan Details**) did not display data. This was fixed.
  - **April 2022 Analytics SF: 05960054 05313668**  
Subfield **\$\$v** (for volume) did not display data for the 800, 810, and 811 fields. This was fixed.
  - **April 2022 Analytics SF: 06052416**  
The **Electronic Collection Additional PO Lines** field (**Electronic Collection >E-Inventory**) did not display data. This was fixed.
  - **April 2022 Acquisitions SF: 05333166**  
Creating an Electronic collection PO line from Network Zone 'all titles' did not create a local collection. This was fixed.
  - **April 2022 Acquisitions SF: 05314976 06213159**  
PO line Advanced search by PO Status and Vendor code did not work correctly. This was fixed. This fix requires full indexing on PO line in SOLR.
  - **April 2022 Acquisitions SF: 06238468**  
When clicking on **Save and Receive** without selecting any item, an error is displayed. This was fixed.
  - **April 2022 Acquisitions SF: 05306707**  
In cases of file validation failure, an error is displayed. This was fixed to an invalid file error.
  - **April 2022 Acquisitions SF: 05325487**  
Export PO process was completed successfully but the PO was not sent. This was fixed.
  - **April 2022 Acquisitions SF: 05314978**  
Order line search results lagged and were slow to display. This was fixed by improving the search results from SOLR.
  - **April 2022 Acquisitions SF: 05306524 06022844**  
**Purchase Request** displayed disarranged after checking patron information. This was fixed.
  - **April 2022 Acquisitions SF: 05320474**  
Searching for an invoice with "parenthesis" in the Receiving Workbench failed to get the data. This was fixed and is available with the moving of the Receiving WB to SOLR (April 2022 release).
  - **April 2022 Acquisitions SF: 06253704 06242783 06232267 06223021**  
Claiming a job completed with an error when trying to create the **Claim Notification** for continuous PO lines that do

not have items. This was fixed.

- **April 2022 Acquisitions SF: 05311245 05307728 05301550**  
The vendor account manager did not have the privilege to edit contact details. This was fixed.
- **April 2022 Acquisitions SF: 05317741**  
Sometimes the calculation of the fund balance took a while and caused the next transactions in the file to take the old balance. This caused the fund to be in a negative balance. This was fixed.
- **April 2022 Fulfillment SF: 05312364**  
In some cases, the location of an active hold shelf item used to be wrong. This was fixed.
- **April 2022 Fulfillment SF: 06047424**  
Previously when there was a corrupted booking request without an expiration date, a candidate item was not able to be loaned. This was fixed.
- **April 2022 Fulfillment SF: 05299844**  
Some of the events reported by the **Fines\Fees Notifications** job had a severity of Error instead of Information. This was fixed.
- **April 2022 Fulfillment SF: 05310817 05331083 05320448 05324240 05317752 06205562**  
Fulfillment Admin Role was unable to edit organization details as General System Administrator could. This was fixed.
- **April 2022 Fulfillment SF: 06211504 05311954**  
In some cases, refreshing a linked user could delete its local fines and fees. This was fixed by enabling the `temp_save_user_with_new_fines_fees_handling` customer parameter.
- **April 2022 Fulfillment SF: 05310443 05308830 06258300 05307579**  
Fixed 'create\_time' in request by adding a field; **current\_time** to **general\_data** which represents the time the slip was created.
- **April 2022 Fulfillment SF: 05327972**  
When exporting digitization requests to a remote storage, partial digitization fields (**pages, chapter/article**) were missing. These fields are now added to the exported XML file (in the `partToDigitize` xml element). Note: These fields will only be included if, in the remote storage configuration page, the **Handles digitization requests** locally checkbox is checked.
- **April 2022 Fulfillment SF: 06068081 05306279**  
Recalculation of remote storage work order requests sometimes messed up the data of these requests. As a result, these requests were not exported to the remote storage. This was fixed.
- **April 2022 Fulfillment - Resource Sharing SF: 05324464 06258026 05303613 05307789 05333113**  
The tasks widget showed an inaccurate counter for Lending requests - With active notes - Assigned to you. This was fixed.
- **April 2022 Fulfillment - Resource Sharing SF: 05327313**  
In some cases, the **Primo Resource Sharing form** displayed incorrect results in the item level description drop-down list. This was fixed.
- **April 2022 Fulfillment - Resource Sharing SF: 06259508**  
Borrowing requests received by an item-less library got a status of **Received - not for loan**, and the lending requests remained set to **Shipped Physically**. This was fixed.
- **April 2022 Fulfillment - Resource Sharing SF: 05321346 05319090 05982747 05317573**  
Opening ILL form in Primo VE used to ignore the configured default format in **Resource Sharing Request Discovery** configuration. This was fixed. Note: Switching citation types in the form will match Book-Physical and Article-Digital pairs.
- **April 2022 Resource Management SF: 05311490 06261526**  
Series displayed 800, 810, and 811, but subfield \$\$v for volume was missing. This was fixed: 800/810/811 subfield \$\$v - will be displayed when: field 490 with the first indicator '0' and \$\$v don't exist and field 830 \$\$v don't exist. To apply the fix, run reindexing on titles.
- **April 2022 Resource Management SF: 05300475**  
Change Physical Items job could not use the task Use Inventory number sequence if the Item Sequence was not associated with any library. This was fixed.
- **April 2022 Resource Management SF: 05308158**  
**Repository Search > Physical Items** results: 1. When selecting this link and then returning back to the page, the link disappeared. 2. When the number of requests is 0, the value was linkable. These issues were fixed. The Number of

requests value is now linkable and leads to the requests page.

- **April 2022 Resource Management SF: 06246850**  
When the Use default thumbnail check box was selected, it was no longer displayed. This was fixed.
- **April 2022 Resource Management SF: 05319361**  
Add Members to Set Job Report: the downloaded error file contained a list of all records instead of just the errors. This was fixed.
- **April 2022 Resource Management SF: 05317035**  
Poor performance loading time was experienced for Alma Get It title. This was fixed. An index was added to improve performance.
- **April 2022 Resource Management SF: 05300602 06245421**  
There was a problem with the way that PrimoVE was determining which institution made the API call. On some records, there was a link inside the record that had VID of another institution and that caused Primo to think that it needed to log in to that institution. This was fixed.
- **April 2022 Resource Management SF: 05319465**  
Journal categories were missing after clicking DB search. This was fixed. The indication about the categories appears now between journal and DB categories.
- **April 2022 Resource Management SF: 06052222**  
In some cases, if there was a collections facet, the filtering of the DEI terms from the subject facet was skipped. This was fixed.
- **April 2022 Resource Management SF: 05301855**  
There were some values of the KORMARC control-field 008 that were missing for the rare book record type. It was fixed.
- **April 2022 Resource Management SF: 05320896**  
New Metadata Editor: The Controlled Vocabulary validation mechanism allowed input value that includes punctuation, even if the predefined controlled vocabulary for this field holds the same value without punctuation. A new configuration parameter was added to control this aspect - 'controlled\_vocabulary\_remove\_punctuation' under the Alma Configuration menu > Resources > Other Settings. When this parameter is set to true, when comparing the value in the record to a controlled vocabulary, remove the following values - : , ; / .
- **April 2022 Resource Management SF: 05322313**  
When searching the external search resource DNB, the last two blanks in the 008 field were omitted on import. This was fixed.
- **April 2022 Resource Management SF: 05317392**  
New Metadata Editor swaps set contents when working with multiple sets, after the merge and combine operation for two records in the same set. This was fixed.
- **April 2022 Resource Management SF: 05304058**  
New Metadata Editor: 'Link Fields' did not respect 'Add alternate graphic representation script code' setting. This was fixed (no more sub-menu for 'Link Fieds' menu item in this specific configuration).
- **April 2022 Resource Management SF: 05302765**  
New Metadata Editor: The View versions and View notes menu options were displayed but non-functional by design for a record opened in a view-only mode locked by another user. This was fixed by removing the menu options from display.
- **April 2022 Resource Management SF: 05332907**  
New Metadata Editor: Ctrl+S was removing directional characters. This was fixed.
- **April 2022 Resource Management SF: 05321649**  
New Metadata Editor: Duplicate Record operation is not available for a bibliographic record with a higher cataloger level than the user. This was fixed.
- **April 2022 Resource Management SF: 05322452 05319568**  
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.
- **April 2022 Resource Management SF: 05306730**  
When the Windows Language was defined as Hebrew, the shortcuts for Enhance the Record (Ctrl+Alt+W and Ctrl+Alt+E) added nikud symbols Kamatz and Holam. This was fixed. Now the OS shortcut Ctrl+Alt+E is prevented.
- **April 2022 Resource Management SF: 05317386 05312362**

New Metadata Editor: When a user was restoring a record from a previous version, the system was not restoring it properly. This was fixed.

- **April 2022 Resource Management SF: 05331146 06045552**  
New Metadata Editor: in the form view for 008 field, the dropdown of language code (35-37) shows the value '- No information provided'. Selecting this value was adding the code '- N' - but the form editor still showed an empty value. This was fixed and now the code 'No information provided' adds ### as expected.
- **April 2022 Resource Management SF: 06053475**  
Metadata Import: Management Tags conditions were not copied as part of the Import Profile copy action. This was fixed.
- **April 2022 Resource Management SF: 06243440 06253099**  
When the PO Line did not have a PO or a vendor invoice number populated, this caused the process to get stuck in the finish step. This was fixed.
- **April 2022 Resource Management SF: 05315706**  
In some cases (for example MD Import), Alma strips trailing zeroes from system numbers (usually 035\$a) during normalization, e.g. (IMF)AFDWEH0000000 --> (IMF)AFDWEH. A new parameter was added to control this behavior. Note that this parameter handles only cases with exactly 7 trailing zeroes. To retain the trailing zeroes, please contact Alma support turn the new customer parameter 'normalize\_system\_number\_retain\_trailing\_zeros' to 'true' (the default value is 'false'). Also, whenever the value of this parameter is changed, full inventory indexing needs to be run.
- **April 2022 Resource Management SF: 05332949**  
Author number generation for CNMARC gave the wrong value. This was fixed.
- **April 2022 Resource Management SF: 05322386**  
There was a problem contributing a new record that included field 321 to SBN. That was fixed.
- **April 2022 Resource Management SF: 05300649**  
Adding one of the fields: 701/ 702/ 711/ 712 to a TU record did not work. In addition, changing and deleting 7XX fields on the Alma side did not update the record on SBN side. These were fixed.
- **April 2022 Resource Management SF: 06319820 06307317 06309554 06319820 06323037 06328860**  
When trying to delete an electronic collection, the error message: "Value must be one of institution/library/location" is incorrectly displayed. This was fixed and now the correct error message is displayed: "Can not delete this collection because it has an import profile".
- **April 2022 API SF: 06023167**  
There were performance issues for API calls getting records/holdings with many items. This was fixed and the response time for the Get-Items API with **expand=due\_date** was improved.
- **April 2022 API SF: 05319034**  
Canceling work order requests was not working. This was fixed by the Get-Request API **task\_name** to hold 'Rejected' for requests which are in rejected status.
- **April 2022 API SF: 05322232**  
In **Retrieve Bib Loan Information** API, in some cases loans appeared as 'renewable: false' when they were actually renewable. This was fixed.
- **April 2022 API SF: 05307330**  
The Invoice API was reporting inaccurate invoice-line and total amounts. This was fixed.
- **April 2022 Cloud Apps SF: 06022856**  
Cloud Apps failed to receive up-to-date information about the logged-in user after changing 'currently-at'. This was fixed.
- **April 2022 Administration and Infrastructure SF: 05304182**  
Updating a code table by importing an Excel file has caused rows to become inactive in some code tables (such as User Block Definition). This was fixed.
- **April 2022 Administration and Infrastructure SF: 06263235**  
The fee type was explicitly set to lower case. This is now fixed and Alma will not modify the case in which the type appears (hence, can be controlled by the customer).
- **April 2022 Administration and Infrastructure SF: 06048729 05321770**  
Translations were missing from a few lines in the Task list. This was fixed.
- **April 2022 Administration and Infrastructure SF: 05318622 06263376 06263386**  
Sample data for a few letters were improved.

- **April 2022 Administration and Infrastructure SF: 06037554**  
There was a problem sorting the resource sharing locate profiles by description. This was fixed.
- **March 2022 Acquisitions SF: 05299561 05316780 05319262 05319396 06231457**  
**PO-Line Inventory Material Type** appears as "none" despite being in Alma / Oracle DB. Additionally, "Unknown" descriptions were displayed in the code table. These were fixed.
- **March 2022 Acquisitions SF: 05301751 05320540 05322777 00959043**  
The letter "message" in the **Interested Users** letter is displayed in English and not in the configured language. This was fixed.
- **March 2022 Acquisitions SF: 00955094 05323620**  
One-Time PO lines have subscription from/to date in the Invoice Line tab of the PO line. This was fixed and only Continuous PO lines will have these columns.
- **March 2022 Acquisitions SF: 00944946 05735716**  
Multi-Choice questions get added without any values to survey forms. This was fixed.
- **March 2022 Acquisitions SF: 6207211**  
**Vendor Interface** tabs missing blue dog-ear even when they contain content. This was fixed by adding a 'Has' content indicator to the following vendor interface tabs: **Notes, Inventory, Contact Information**.
- **March 2022 Acquisitions SF: 00940829 05317865 05751936**  
**PO Line - Claiming** job was not sent in EDI file to vendor due to an issue with getting the EDI Note. This was fixed.
- **March 2022 Administration and Infrastructure SF: 6026641**  
The payment of a single fee was not possible when the RFID is enabled. This was fixed.
- **March 2022 Administration and Infrastructure SF: 05318944 05320935 00945936**  
In some cases of adding new user fines and fees, the user has not been indexed anew and the fine was not reflected upon search. This was fixed.
- **March 2022 Administration and Infrastructure SF: 00973778 05302606**  
Filtering the Fine/Fee list by a type that does not match the fines listed on the user account would default back to "All". This was fixed and the filter list will consist only of existing types.
- **March 2022 Administration and Infrastructure SF: 05310372 06219168**  
User's identifiers were not generated automatically in some cases. This was fixed.
- **March 2022 Administration and Infrastructure SF: 00970128 05301922**  
**Copy** functionality copied icon information when using Firefox. This was fixed.
- **March 2022 Administration and Infrastructure SF: 5299399**  
The Plus icon did not appear with **Add item**. This was fixed.
- **March 2022 Administration and Infrastructure SF: 00993573 05321111,**  
When selecting **Manage in Network** for a specific line of a code-table, customized labels in languages other than English were not distributed to the Institution members sometimes. This was fixed.
- **March 2022 Fulfillment SF: 6227199**  
The **Shortened Due Date Letter** displayed an inaccurate description. This was fixed.
- **March 2022 Fulfillment SF: 6218653**  
In specific cases, an error appeared when marking In-process items as 'Done'. This was fixed.
- **March 2022 Fulfillment SF: 6041282**  
The list of cancelation reasons was not sorted in the code table. This was fixed.
- **March 2022 Fulfillment SF: 00551514 05310755**  
For items in remote storage of type ASRS, if the item's title contained diacritics, this sometimes caused errors in the communication between Alma and the ASRS. As a result, requests for these items failed. To solve this issue, a new option was added to remove the diacritics from messages sent from Alma to the ASRS. This option is controlled by a new customer parameter: `asrs_remove_diacritics`.
- **March 2022 Fulfillment SF: 5303199**  
The 'red star' that marks mandatory fields is misplaced for labels having long text. This is fixed by adding width to CSS.
- **March 2022 Fulfillment SF: 00990042 05317461 05325886**  
Placing a request on a specific holding from the **Manage Fulfillment Options** page created the request on all the title's items instead of only on the items from the selected holding. This was fixed.

- **March 2022 Fulfillment SF: 00982361 05312651**  
Clicking **Done** when attaching documents to fulfill Digitization requests closed the request and did not advance the request to its next step. This was fixed.
- **March 2022 Fulfillment SF: 5301170**  
In Get It Request form quotation marks (") caused the 260\$c field to map incorrectly to the **Publication Date** field in the form. This was fixed.
- **March 2022 Fulfillment SF: 05325487**  
The Export PO Lines job completed successfully but failed to export the PO. This was fixed.
- **March 2022 Fulfillment - Resource Sharing SF: 05328621 06218574 00816949**  
When trying to send a 'LookupAgency' request to a resource sharing partner (from the partner details page), the operation failed and an error message was displayed. This was fixed and it is now possible to send Lookup Agency messages to partners.
- **March 2022 Fulfillment - Resource Sharing SF: 00968508 05320700**  
Resource sharing borrowing requests were updated to **Returned to Partner** immediately after being received. This was fixed and now when scanning in an item received for an overdue resource sharing borrowing request, a message will notify the operator that the request has been canceled and it will be returned to the lender.
- **March 2022 Fulfillment - Resource Sharing SF: 05300715 00948989**  
When filling the Resource Sharing Request form in GetIt, the data submitted in the field **Additional Person Name** is not displayed in Alma. This was fixed.
- **March 2022 Fulfillment - Resource Sharing SF: 6045513**  
A borrowing request was not received by the next partner on the rota after being manually rejected by the staff of the previous partner. This was fixed.
- **March 2022 Fulfillment - Resource Sharing SF: 00874364 05331127**  
Leganto sources were excluded from the Alma Link Resolver Usage report. This was fixed.
- **March 2022 Fulfillment - Resource Sharing SF: 06245578 06246710**  
Request Failed - submitting resource sharing requests on some records fail in Primo. This was fixed.
- **March 2022 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.
- **March 2022 Resource Management SF: 05318603 05327615**  
Cannot 'Delete' Electronic Collections, as 'No PPS' error is displayed. This was fixed. Deletion of collections with no PPS is now enabled.
- **March 2022 Resource Management SF: 05308042 05308042**  
In some cases, the interface name displayed twice in the Online services order. This was fixed.
- **March 2022 Resource Management SF: 00975442 05303745 05307240**  
Job report did not include some failed records in the **Unpublished failed records** count, causing the numbers to not add up. This was fixed. The issue of 'Total records written to file = 0' no longer occurs.
- **March 2022 Resource Management SF: 00936853 05333215**  
Repository Search: Thumbnails were not displayed for electronic resources with ISBN. This was fixed. Now Alma recognizes the ISBN value and presents the thumbnail as expected.
- **March 2022 Resource Management SF: 5300149**  
Records suppressed from external search were included in the **Number of hits** result for a Z39.50 search. This was fixed.
- **March 2022 Resource Management SF: 5307674**  
The Scopus template for citation link was erroneously being changed from https to http. This was fixed.
- **March 2022 Resource Management SF: 05305780 05305780 06237572**  
The field marked as mandatory on the Resource Sharing form in Alma did not appear as mandatory in Primo VE. This was fixed.
- **March 2022 Resource Management SF: 00878477 05302605 05312708 05312819 05314035 05329428**  
For local resource types, the **Pushto/ExportRIS** did not contain the type TY. This was fixed.
- **March 2022 Resource Management SF: 00983984 05312712**

Permalinks were not working for Search Webhook. This was fixed.

- **March 2022 Resource Management SF: 6225679**  
In some cases, the **Pickup location** was displayed twice in the English interface's Request form. This was fixed.
- **March 2022 Resource Management SF: 05302009 05314469 00970599**  
Search API failed for local records when the 'tab' parameter existed. This was fixed.
- **March 2022 Resource Management SF: 05319410 00965119**  
In CT Results Tile Labels, nui.paging.pagenumber was ignoring the description/translation's order. This was fixed.
- **March 2022 Resource Management SF: 00957961 05323767**  
Repository Search: Resource Types 'Atlas - Microfilm', 'Atlas - Microfiche' and 'Atlas - Microopaque' were not supported for Serials and Monograph/item (LDR pos 7 = s,m). This was fixed. The Resource Types for existing records will be recalculated during the semi-annual indexing planned for May 2022.
- **March 2022 Resource Management SF: 05302133 06051630 00969491**  
New Metadata Editor: **Add inventory** using any holdings template (form mode) was creating corrupted holdings. This was fixed.
- **March 2022 Resource Management SF: 00854785 05311365**  
New Metadata Editor: The menu item **View related bibliographic records** was displayed for Holdings records, though it is relevant only for Bibliographic records. This was fixed, and now this menu item is not displayed for Holdings.
- **March 2022 Resource Management SF: 5306536**  
Some lines in the New Metadata Editor were not translated to Czech. This was fixed.
- **March 2022 Resource Management SF: 00906022 05299006 05299049 05302693 05316807 05330421**  
New Metadata Editor: When adding a new field to a record with large fields, the page jumped up past the field being edited. This was fixed.
- **March 2022 Resource Management SF: 05328207 05326208 05323362 05322767 05321102 05316976 05316502 05306492 05303067 05299799 00978072**  
New Metadata Editor: Retrieving translated labels took a long time, sporadically. As a result, the translated label was not displayed, but the English one. This was fixed.
- **March 2022 Resource Management SF: 05312657 00981965**  
New Metadata Editor: When a member institution edited a Network Zone bibliographic record and then selected **Save and Release**, the record was not added to the Recent Entities list. This was fixed.
- **March 2022 Resource Management SF: 05302461 05302722 00972583**  
New Metadata Editor: When editing a subject field, in some cases, it caused a different subject field to lose its link to the authority. This was fixed.
- **March 2022 Resource Management SF: 05331835 05329034 05318132 05317378 05305578 05300846 00878712**  
Authority Preferred Term Correction and F3 incorrectly removed punctuation from field **100** subfields **\$\$a**, **\$\$c** and **\$\$e**. This was fixed.
- **March 2022 Resource Management SF: 05323610 00956062**  
**Copy heading from bib** (via F3) copied only **\$\$a** for UNIMARC field **676**. This was fixed. When attempting to copy from the bibliographic heading, all the subfields will be copied and not the subfield "a" only.
- **March 2022 Resource Management SF: 05307012 05307281**  
**Local Authorities** subject area of Alma Analytics: UNIMARC and CNMARC local authorities' information was not sent to Analytics. This was fixed.
- **March 2022 Resource Management SF: 05326180 00991785**  
The update inventory process didn't activate the portfolio linked to the CZ. This was fixed.
- **March 2022 Analytics SF: 01007769 05318721**  
An error occurred when running a report with the LC Classification Top Line field. This was fixed.
- **March 2022 Analytics SF: 05299523 00927392**  
When an electronic collection was deleted, an analytics report using the **Modification Date** and **Modified By** fields did not display the correct date and user name of the modification. This was fixed.
- **March 2022 Analytics SF: 05309618 00797309**  
Digitization requests canceled by patrons appear in Analytics as canceled by the library. This was fixed.
- **March 2022 Analytics SF: 5322821**  
The values of the **Purchase Request ID** field (**Purchase Requests > Purchase Request Details**) were incorrectly

treated as a numeric value and were rounded off in some instances. This was fixed.

- **March 2022 Analytics SF: 05299523**  
When an electronic collection was deleted, an analytics report using the Modification Date and Modified By fields did not display the the correct date and user name of the modification. This was fixed.
- **March 2022 API SF: 05321045 05322757**  
When using an API to export an invoice to ERP, the related PO line remained open. This was fixed.
- **March 2022 API SF: 01000634 05303189**  
In some cases, updating a Resource Sharing partner via API resulted in a timeout. This was fixed.
- **March 2022 API SF: 05299092 00912192**  
When using the REST API to pay for multiple fines/fees owned by different libraries, the receiving library was the same for all. This was fixed.
- **March 2022 API SF: 00967771 05320752**  
Update-User API now returns a clear error message when **account\_type** field is missing.
- **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 SF: 06028137**  
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.
- **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.
- **January 2022 Acquisitions SF: 05300632 05317908 05318832 05326140**  
A report was re-harvested multiple times but the usage data was not overwritten, resulting in the report being duplicated in Analytics. This was fixed.
- **January 2022 Acquisitions SF: 05303591 05330696 05331242 06041721**  
The translation is not saved when switching languages in the **Access Model** tables. This was fixed.
- **January 2022 Acquisitions SF: 05318083**  
Changes to **PO Line Summary** tab field **Cancellation restriction** and **Cancellation note** not recorded in **PO Line History** tab. This was fixed.
- **January 2022 Acquisitions SF: 05302590 05306385 05314407 05320861 05323386 06047208**  
Unable to receive items when there are items on loan of the same Bib record. This was fixed.
- **January 2022 Acquisitions SF: 05300329**  
Staff users are unable to successfully receive PO Lines and receive the following error message "Receiving process failed for the selected Purchase Order lines please contact your System Administrator." This was fixed.
- **January 2022 Acquisitions SF: 05304465**  
When assigning an E-Activation Task, an incorrect value for the 'assigned\_object' appeared in the letter XML of the "General Assign To" letter. This was fixed.
- **January 2022 Acquisitions SF: 05321448**  
Funds with Japanese characters in Fund name could not be found. This was fixed.
- **January 2022 Acquisitions SF: 05300568 05310820 05319334 05322395**  
Incorrect year values in the **Monthly Usage Data** tab. This was fixed.
- **January 2022 Acquisitions SF:**  
When removing a PO line from a PO and the PO is empty (has no POL in it) the PO would be stand-alone. This was fixed and now the PO is deleted in these scenarios.
- **January 2022 Administration and Infrastructure SF: 05299507**  
The **Convert to Resource Sharing** privilege did not affect users that had the **Requests Operator** role defined at the library level. This was fixed.
- **January 2022 Administration and Infrastructure SF: 05319371**  
Date fields under the **Invoice Lines** tab of **Purchase Order Lines** were restricted to 10 characters. **Date** field size limit was removed.
- **January 2022 Administration and Infrastructure SF: 05304847**  
Announcements didn't appear from within China. This was fixed.
- **January 2022 Administration and Infrastructure SF: 05303413 05319591**  
In Letters Configuration XMLs with the same name could not be added to the XML list. This was fixed.
- **January 2022 Administration and Infrastructure SF: 05325912**  
When an email logo wasn't uploaded (only a header logo) when sending a letter, it was sent with the default Ex Libris Alma logo, instead of the header logo. This was fixed.
- **January 2022 Administration and Infrastructure SF: 05321553**  
Selecting the quick access link to open the viewer in a new window displays an error message. This was fixed.
- **January 2022 Administration and Infrastructure SF: 05300426**  
When exporting search results to Excel the header of the "title" column wasn't translated. This was fixed.
- **January 2022 Administration and Infrastructure SF: 05302342, 05311954, 05323790**  
Various linked accounts with different primary Identifiers for users with the same first name, last name, and birth date. This was fixed.
- **January 2022 Fulfillment SF: 05314898 05316383 05317131 05325924 05803032**

- Searching for requests in the **Manage In Process Items** page by MMS ID did not work. This was fixed.
- **January 2022 Fulfillment SF: 05309020 05324025 05324058**  
The **Request/Process Type** label in **Scan in items** did not translate. This was fixed.
  - **January 2022 Fulfillment SF: 05302626 05302771**  
When using the Register New User flow with a registration fee, the user's password was not saved. This was fixed.
  - **January 2022 Fulfillment SF: 05317430**  
Scanning a loaned item generates a message, "Item is already on loan and has been renewed", even though it was not renewed. This was fixed.
  - **January 2022 Fulfillment SF: 05326236**  
There was no limit to requests for linked accounts in an AFN. This was fixed and is now determined by patron limits (Max. physical item).
  - **January 2022 Fulfillment SF: 05326309**  
When using **Return Items** at a desk with hold shelf processing and then at a pickup location without hold shelf processing, the item was not placed on the hold shelf. This was fixed.
  - **January 2022 Fulfillment SF: 05319670**  
Special characters in **Work Order Type Statuses** page **Owner** column appeared garbled when the institution name contained special characters. This was fixed.
  - **January 2022 Fulfillment SF: 05303566**  
The **Date Needed By** fields (date selection elements) in Primo CLASSIC Getit forms could not be navigated with tab and arrow keys. This was fixed.
  - **January 2022 Fulfillment SF: 05300550 05302017**  
When a loan is made at another institution, this information is not always recorded at the owning institution. This was fixed.
  - **January 2022 Fulfillment SF:**  
Linked accounts are being created in other OpenURL scenarios. This has been fixed.
  - **January 2022 Fulfillment-Resource Sharing SF: 05298898**  
**Lender Renew Response Email** letter sent to a partner had the English value "Yes" as the renewal response for non-English interfaces. This was fixed and the value is now translated.
  - **January 2022 Fulfillment-Resource Sharing SF: 05301461 05301963 05322747**  
In specific cases when searching for a keyword in partners, duplicate results per partner were presented. This was fixed.
  - **January 2022 Fulfillment-Resource Sharing SF: 05333106**  
Unable to edit a request when it is a duplicated active borrowing request. This was fixed.
  - **January 2022 Fulfillment-Resource Sharing SF: 05320715**  
The **Reason** value in the **Lender Will Supply Email** letter was not translated. This was fixed.
  - **January 2022 Fulfillment-Resource Sharing SF: 05324765**  
An error occurs when rejecting specific lending requests. This was fixed.
  - **January 2022 Fulfillment-Resource Sharing SF: 05320517**  
Cannot request multiple volumes to fulfill **Resource Sharing Lending Request**. This was fixed.
  - **January 2022 Resource Management SF: 05324339**  
Items List: When withdrawing selected items, and the last item in a holdings record is deleted, a popup message with several available options was displayed. The user should select an option and click the **Go** button. However, if the user pressed "Enter" instead of clicking the **Go** button, the selected option was not performed and the popup message appeared without reason in other Bib record's items lists. This was fixed. Pressing "Enter" instead of clicking **Go** performs the selected option.
  - **January 2022 Resource Management SF: 05319175**  
When the **Items of Related Records** list (accessed from a link in the **Physical Drawer - Physical Titles** or **All Titles** search results) contained more than one page, all pages showed the first page. This was fixed.
  - **January 2022 Resource Management SF: 05311474**  
Electronic Holdings Upload - Multiple coverage lines existed in KBART but only one was imported. This was fixed. Support for multi coverages for the multi campus was added. This is controlled by a customer parameter temp\_multi\_coverage\_multi\_campus.

- **January 2022 Resource Management SF: 05328555 05421657 05364758**  
The update inventory process didn't consider the indication rule that filtered out some records and caused these records to fail the process. This was fixed.
- **January 2022 Resource Management SF: 05299021**  
Changes in **Access Type** were not tracked in the **History** tab. This was fixed. The fields that were previously not tracked were added.
- **January 2022 Resource Management SF: 05301925**  
The **Recent Entities** panel did not include **Electronic Portfolios** which were activated. This was fixed.
- **January 2022 Resource Management SF: 05308776**  
The IDs of the copyright statements changed so that no representation had a copyright statement associated with them. This was fixed.
- **January 2022 Resource Management SF: 05321806**  
General publishing > Bib converted to Dublin Core (Simple) > Creator did not appear; description and date appeared twice. This was fixed. The MARC2DC converter now exports dc:creator from field 720 and removes dc:description duplication.
- **January 2022 Resource Management SF: 05301580**  
Repository Search: In some cases when searching for an expression containing both a hyphen and an apostrophe (specifically in Hebrew) omitting the hyphen from the search by replacing it with a space yielded no results. This was fixed.
- **January 2022 Resource Management SF: 05314946 05318202 05321775**  
Add members to set job completed with warnings when the input file has barcodes that match only case-insensitive. This was fixed.
- **January 2022 Resource Management SF: 05319244 05329966 05747863**  
There were some **Resource Type** code errors. This was fixed. The label facets.facet.facet\_rtype.collection was added to PrimaFacetResourceTypeLabels with value 'Collections'.
- **January 2022 Resource Management SF: 05301663**  
Primo VE - Withdraw items job did not update PrimoVE index. This was fixed. A change tracker was added when deleting items for their MMS IDs since sending the item PIDs will not work after they were deleted.
- **January 2022 Resource Management SF: 05300177 05300849 05300856 05301927 05303214 05305041 05306715 05306791 05307820 05308462 05312758 05316861 05320520 05320699 05324950 05325184 05325992 05326615 05327331 06035371 06037835 06044909 06052766 06054578 06057645**  
Browse Bib headings (Alma PrimoVE): Browse by "Subjects (with MARC21 600/610/611)" (Alma) and Primo Subject Browse returned wrong results in some cases. This was fixed.
- **January 2022 Resource Management SF: 05319047 05758162**  
RTA and GetIt displayed library name instead of location name when library code and location name were identical. This was fixed.
- **January 2022 Resource Management SF: 05330918 05332893**  
New Metadata Editor > Add Holding > Save > Add Item > Cancel > View Items > Back arrow in Alma [to MDE automatically] > Holdings tab showed 0. This was fixed - view inventory shows the correct number of holdings.
- **January 2022 Resource Management SF: 05302620**  
New Metadata Editor was not loading for specific users. This was fixed.
- **January 2022 Resource Management SF: 05299220**  
Metadata Editor - selecting an authority to link (F3): when the 711 field heading was linked and subfield j was added this subfield should not be considered for matching in the linking (full or partial) because 711\$j is not a subdivision. This was fixed.
- **January 2022 Resource Management SF: 05302121 05302329 05303472 05316515 05316670 05318177 05319080 05326254 05326423 05355281**  
In Firefox the left panel in the MDE hid part of the MARC21 Bib records for some users. This was fixed.
- **January 2022 Resource Management SF: 05326815**  
Under some circumstances, the requests recalculation failed and prevented moving items/merging holdings from one bib to another. This was fixed.
- **January 2022 Resource Management SF: 05333205**  
Update Inventory MD Import profile: Existing item fields were deleted even when there was no mapping in the profile

(for example Fulfillment Note). This was fixed.

- **January 2022 Resource Management SF: 05312436**  
Public name override was not taken into consideration in the online services order sorting. This was fixed.
- **January 2022 Analytics SF: 05332724**  
An analytics scheduled report email contains no data. This was fixed.
- **January 2022 Analytics SF: 05324090**  
The **Total Digital Space Usage** report displayed both active and inactive inventory. This was fixed by setting the **File Lifecycle** filter to **Active**.
- **January 2022 Analytics SF: 05322750**  
The **Holding Record Modification Date** displayed an incorrect value after an indexing job was run. This was fixed.
- **January 2022 Analytics SF: 05326893**  
The **Portfolio Details** for Consortia Members folder was not working properly. This was fixed.
- **January 2022 Analytics SF: 05304911**  
Local authorities records were not updated in Alma Analytics. This was fixed and they are now updated daily.
- **January 2022 Analytics SF: 05309618**  
Digitization requests cancelled by patrons appear in analytics as cancelled by the library. This was fixed.
- **January 2022 API SF: 05316501**  
Alma's API did not enable updating a Technical PO Line Price to 0. This was fixed.
- **January 2022 API SF: 05299102**  
The PO-Line APIs (Get PO Line and Update PO Line) were missing the "additional\_order\_reference" field. This was fixed and the field added.
- **January 2022 API SF: 05324928 06055882**  
Using the Update-User API it was not possible to modify the type of an existing additional identifier. This was fixed.
- **January 2022 API SF: 06023007**  
User cannot be updated via API when two identifiers have the same value. This was fixed.
- **January 2022 API SF: 05324096**  
It was not possible to activate Cloud Apps on FedRAMP environments. This was fixed.
- **January 2022 Fulfillment - Course Reserves SF: 05326122**  
When running a rollover in Report mode, the following events no longer appear on the report:
  - Not Rolled Over
  - New Courses Roll Over
  - Roll Over deleted Reading Lis