



Alma November 2021 Release

Our Changing World, Our Changing Libraries
The Library.. still the heart and soul of every institution!

Alma November 2021

Release Notes

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Alma November Make the Most

Make the Most of November's Release

Action Items

[Link Resolver Viewt Online Service Order - Preference to Electronic Resources with Orders](#) - You can now configure Alma Link Resolver to prefer electronic services for subscribed or owned electronic resources that are associated to Po Lines. For more information see [Configuring the Order of General Electronic Services](#).

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 \(July 8, 2021\)](#)
- [Transport Security Layer \(TLS\) Support](#)
- https://en.wikipedia.org/wiki/Transport_Layer_Security

SAML Certificate Workflow Update

Starting in August 2021, to accommodate the updated expiration policy of the certificate vendors, the signed certificate will

be issued twice yearly.

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

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

December Release Sneak Preview

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

Alma November Main Stories

OpenID Connect (OIDC) Integration Profile Enhancements

November 2021 Administration and Infrastructure

The OpenID integration capabilities were enhanced to support multiple profiles and more ways to match on user information, supporting a more flexible and robust integration for SSO and Authentication. The following is now supported:

- New fields were added to the OpenID Connect Integration profile to enable you define additional OIDC information: "Scopes", "Additional Claims", "Matching claim", "UserInfo Endpoint".
- You can now populate the integration profile by using the .well-known URL.
- More than one OIDC profile can now be configured in Alma.

See [OpenID Connect](#).

Job Results Displayed on the Monitor Jobs Page

November 2021 Administration and Infrastructure

The new columns "Records Processed" and "Records with Exceptions" were added to the jobs table on the **Monitor Jobs** page (). These columns allow the staff users to easily scan the list and identify jobs that view how many records were handled by the jobs on the fly.

To display these columns in the table, select the



above the table and select this columns from the list that opens.

Name	Process ID	Job Category	Operator	Submit Date	Start Date	End Date	Status	Job Description	Records processed	Records with exceptions
1 Reindexing Wed Aug 25 14:20:47 UTC 2021	606833200...	Repository	exLmpl (L)	08/23/2021 17:20:47 EDT	08/23/2021 17:20:47 EDT	08/23/2021 17:21:22 EDT	Completed successfully	LAJOB_DESC...	2098	0

Link Resolver ViewIt Online Service Order - Preference to Electronic Resources with Orders

November 2021 Fulfillment

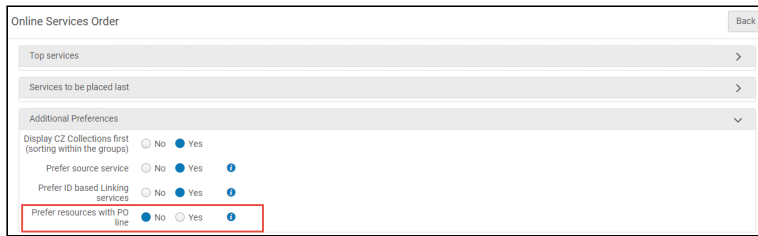


NERS Enhancement (ID #6941)

When presenting Electronic Services via Alma Link Resolver, Alma now gives the library the option to prefer services of collections/portfolios that have a linked PO Line (i.e., subscribed services or owned). Once enabled, services for portfolios that have a PO Line, either at the level of the collection or at the level of the portfolio itself, are displayed above all

the other services. This preference overrides both the default alphabetic sorting order and the list of services listed in the Top Services section.

To support this feature, a new option "Prefer Ordered Resources Option" was added to the **Online Services Order** page (**Configuration > Fulfillment > Discovery Interface Display Logic > Online Services Order**).

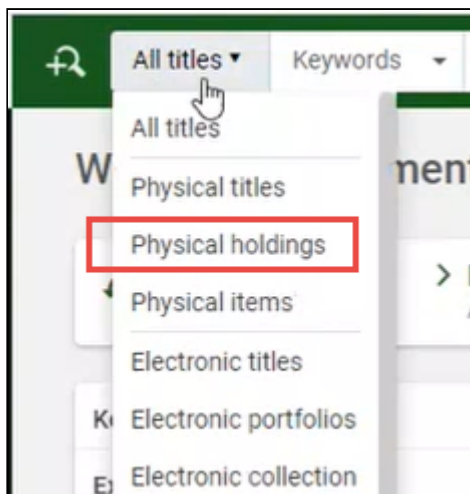


See [Configuring the Order of General Electronic Services](#).

Holdings Search Introduced

November 2021 Resource Management

A new search option "Physical Holdings" was added to Alma repository staff search. The holdings search provides the ability to search holdings based on title, holding, and item information. The retrieved results provide the list of holdings records that match the defined search criteria, along with the titles for these holdings, and the items that are associated with these holdings. This search option allows librarians to have direct access to multiple titles and provides more accurate results for holdings-level records by library.



Although physical inventory does not exist in a Network institution, the Physical Holdings option still appears in Network Zone (similarly to the existing Physical Items option).

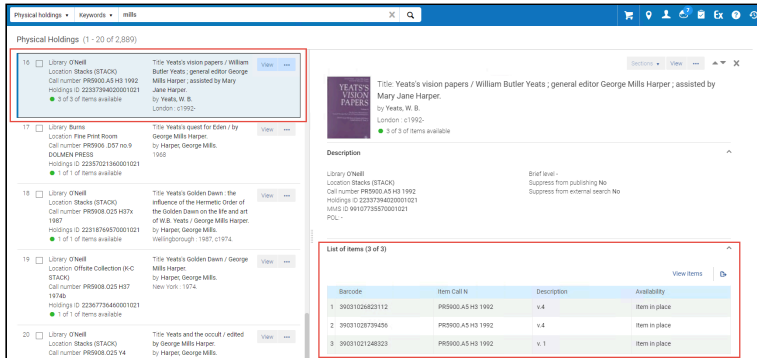
The "Physical Holdings" search option and the search results panes are based on new-generation infrastructure, which offers more convenient and user-friendly user interface, and quicker performance.

Note

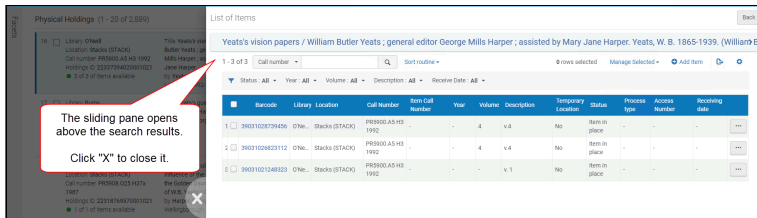
In the November release, only the simple search is available for this search option. The advanced search will be introduced in upcoming releases.

Viewing Items per Holdings Record

To view the list of items associated to a particular holdings record, select the holdings record. The Details pane opens that displays the information for that holdings record, including the list of all items associated with it.



To view the information for a particular item, select **View Items**. A sliding pane opens above the search results where you can sort the items, search for items, and perform the different actions on the list of items (for details, see [Working with the List of Items](#)). The sliding pane allows you to view and work with items, and then resume your ongoing work without interrupting its context. The items list displays up to ten items. There is a pagination option if there are more than ten items.



When you add a new item from the sliding pane (by selecting the **Add Items** option), the new item is immediately added to the list of items on the right pane of the search results.

See [Searching in Alma](#).

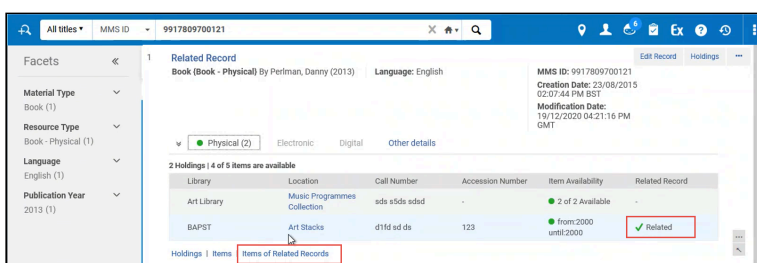
Watch the [Search for Holdings Records](#) video (1:49 minutes).

Enhance Staff Navigation in Alma for Related Records and Inventory

November 2021 Resource Management

In the Physical Title search results, all possible inventory is now reachable to the Inventory Operators. This allows the Inventory Operator would like to check possible availability in holdings and items in its hierarchy, and also in related holdings or items. This improves the staff user's easy of use and efficiency.

The Inventory Operator can navigate to related items for the specific title and see them as physical items search results. Navigation links to related records and associated inventory were now added similarly to the links that appear for the main record.



Similarly, the related holdings are displayed as search results using the new Holdings search.

In addition, the navigation between the related record and the main records items and holdings was enhanced, such that when a specific item or volume or issue are being referenced in the related record (the 77X field contains a \$g with specific item information, or even when \$g is unspecified), only the relevant holding or item record is shown when using these new navigation links.

See [Searching in Alma](#).

Watch the [Navigate to Inventory of Related Records from Search Results](#) video (1:19 minutes).

MARC21 Updates

November 2021 Resource Management

The following MARC 21 updates (for bibliographic, holdings, classification, and community information formats) have been added to Alma:

Authority records:

- Profile updates - New fields were added: 147, 447, 547, 747
- Display - New fields were added: 147, 447, 547, 747
- Search - New fields were added: 147, 447, 547
- Headings - New fields were added: 147, 447
- F3 functionality for "See Also" (5XX) fields in authority records used for linking between two authority records now applies to 547 as well

Bibliographic Data and functionality:

- MARC21 Bibliographic Profile updates:
 - Field 335 was added.
 - Field 345 was renamed.

Field	Field Form Editing	Description	Filtering Group	Updated On
101-337		MEDIA TYPE	3XX: Physical Description, Etc. Fields	07/10/2018
102-338		CARRIER TYPE	3XX: Physical Description, Etc. Fields	07/10/2018
103-340		PHYSICAL MEDIUM	3XX: Physical Description, Etc. Fields	07/10/2018
104-341		ACCESSIBILITY CONTENT	3XX: Physical Description, Etc. Fields	05/07/2020
105-342		GEOGRAPHICAL REFERENCE DATA	FILTERING_GROUP_1XX_3XX	05/09/2011
106-343		PLANAR COORDINATE DATA	FILTERING_GROUP_1XX_3XX	05/09/2011
107-344		SOUND CHARACTERISTICS	3XX: Physical Description, Etc. Fields	07/10/2018
108-345		Moving Image Characteristics	3XX: Physical Description, Etc. Fields	23/09/2021

- Search - New field was added: 647
- Headings - New field was added: 647
- Browse bibliographic headings - New source code 'Even Name' was added to heading types Names and Subjects.
- Browse bibliographic headings - Name / Subject - Field 647 was added.

Authority Control:

- Field 647 was added to the list of authority-controlled fields.

See [MARC 21 Search Indexes](#), [Browsing Bibliographic Headings](#), [Working with Authority Records](#).

UNIMARC / CNMARC Updates

November 2021 Resource Management

UNIMARC and CNMARC updates (for bibliographic, holdings, classification, and community information formats) have been added to Alma in the November 2021 release to keep them up to date with the latest (same updates to both formats).

These updates include, among others (not an exhaustive list):

- New values e-j were added to the position 1 of subfield a of bibliographic CN/UNIMARC 135 field.
- New value '2' was added to the second indicator of the authority 801 field.
- Authority fields 231, 431, 531 with all subfields were added to the CNMARC profile.

See [UNIMARC Search Indexes](#).

Support for Lithuanian Alphabet

November 2021 Resource Management

Alma now supports the Lithuanian language, including repository search, user search, browse bibliographic and authority headings, using F3, and sorting results.

Note

As part of the release of this functionality, re-indexing is automatically triggered for the customers that use the Lithuanian search settings. Until re-indexing completes, inconsistencies may appear.

See [Lithuanian Characters](#), [Browsing Bibliographic Headings](#) and [Configuring Institution Languages](#).

Semi Annual Re-indexing

November 2021 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.

- Support for Swedish and Norwegian alphabet. See [here](#).
- Support for Icelandic alphabet. See [here](#).
- Field 335 was added and field 345 was renamed. See [here](#).

Change the CDI Option 'Do not show as full text available in CDI even if active in Alma' for Alma Consortia

November 2021 Resource Management

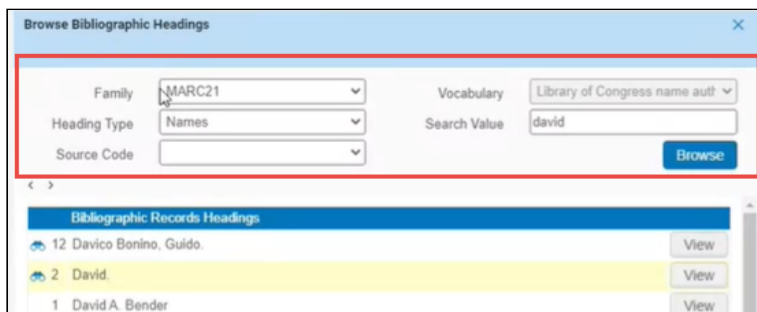
In the CDI tab of the Electronic collection editor, in case on 'Available for' activation exists for a member institution, campus or library, the option 'Do not show as Full text available in CDI even if active in Alma' is disabled for this member institution,

campus or library. In addition, when hovering over the option checkbox, a message is displayed stating: 'This option cannot be used because there is no corresponding 'Available for' activation for this collection'.

Metadata Editor Accessibility Improvements

November 2021 Resource Management

- Level A - The correct HTML tags were set on Records/Template/Rules items and on the buttons of the **Browse Bibliographic Heading** form to improve Metadata Editor readability to screen reader users.
- Level AA - Color-contrast issues were fixed for icons and on the frames of the Browse Bibliographic Heading form and the indicators and fields in the Editing area.



Darker frames on the Browse Bibliographic Heading form

Alma Accessibility Improvements

November 2021 Resource Management

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

Visibility:

A high-contrast color scheme was added to aid users with eyesight disabilities who have difficulty using the standard color scheme. A high-contrast color scheme helps users better distinguish between different visual elements.

This is currently available in the following browsers:

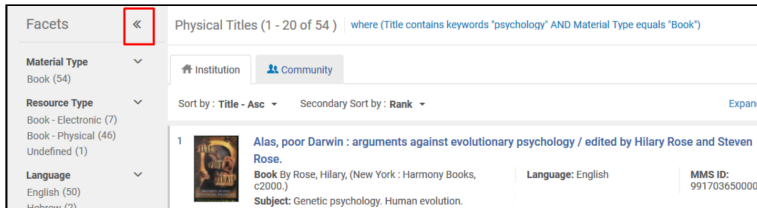
- Chrome - standard extension both on Windows and MacOS
- Firefox on Windows
- Issues in main pages such as home page, search, and editors.

Note

In future releases, this will be made available for Safari on MacOS as well.

Facets:

- Text was added to the below button for screen reader users to know whether the facets area is open or closed.

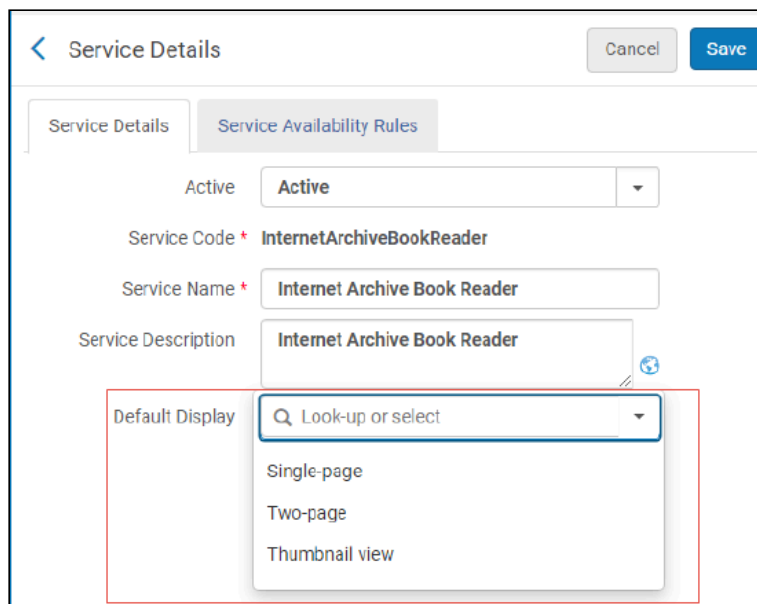


- Colors were changed to increase the contrast ratio between text and its background to at least 4.5:1.

Default Display Now Configurable in Internet Archive Book Reader

November 2021 Digital Resource Management

You can now configure the default display for the Internet Archive Book Reader (**Configuration > Discovery Interface Display Logic > Viewer Services > Internet Archive Book Reader**) to be Single-page, Two-page, or Thumbnail view:



Default Display Configuration

Run "Filter Set by Indication Rule" Job from API

November 2021 API

Alma's API now enables filtering a set by indication rule(s). This feature is helpful when you need a set that is based on metadata elements that are not indexed.

For more information, see <https://developers.exlibrisgroup.com/alma/apis/docs/conf/UE9TVCAvYWxtYXdzL3YxL2NvbmlYvc2V0cw==/> in the Developer Network.

API for Circulation Desks

November 2021 API

A new API enables retrieving a list of circulation desks for a given library.

For more information, see <https://developers.exlibrisgroup.com/alma/apis/conf/> in the Developer Network.

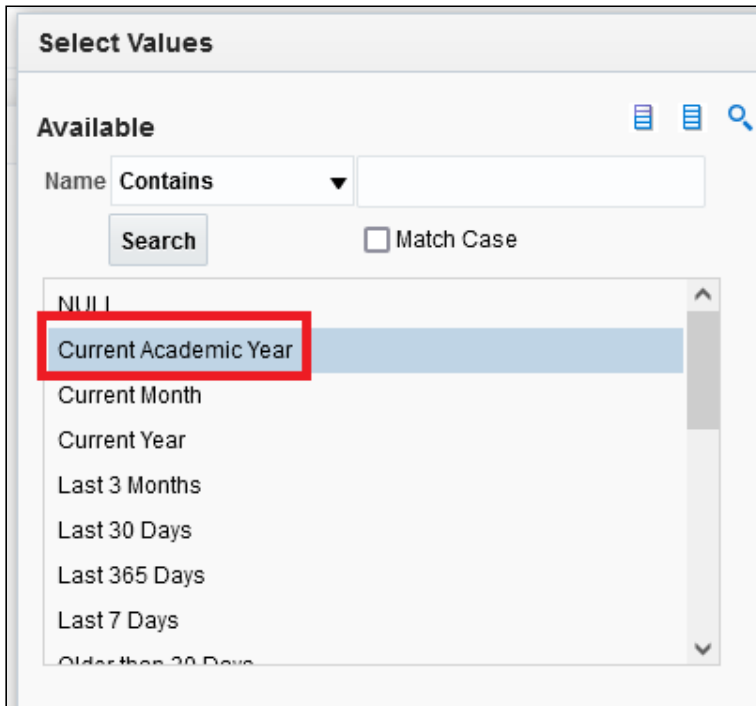
RFID Connector Popup Now Served Over HTTPS (Secure) Protocol

November 2021 API

Following recent security related modifications in Chrome and Edge, the RFID connector popup is now served over https (secure) protocol.

Alma November Additional Enhancements

- November 2021 Digital Resource Management**
 The functionality of all digital viewers was aligned so that when no share options are configured (**Configuration > Fulfillment > Digital Fulfillment > Viewer Share Buttons**), the **Share** icon does not appear in any of the viewers.
- November 2021 Analytics**
 The date filter fields in the various subject areas can now be filtered by **Current Academic Year**.



Current Academic Year

The current academic year of your institution is determined by your country, according to the following table:

Country	Code	Start Month	End Month
USA	01	August	July
Canada	01	August	July
South Africa	27	January	December
Netherlands	31	August	July
Belgium	32	August	July
France	33	September	August
Spain	34	September	August
Italy	39	September	August

Country	Code	Start Month	End Month
Austria	43	September	August
UK	44	September	August
Denmark	45	August	July
Sweden	46	August	July
Norway	47	July	June
Germany	49	September	August
Peru	51	January	December
Brazil	55	January	December
Chile	56	January	December
Colombia	57	January	December
Australia	61	January	December
Philippines	63	September	August
New Zealand	64	January	December
Singapore	65	August	July
Vietnam	84	January	December
China	86	September	July
Ireland	353	September	July
Malta	356	September	August
Hong Kong	852	August	July
Macau	853	August	July
Israel	972	October	September

- **November 2021 Analytics**
The **Object Type** field was added to Analytics Usage Tracking > Query Details. It indicates if the object type is dashboard or widget.
- **November 2021 Analytics**
The **Rep Availability** field was added to Digital Inventory > Representation Details. It indicates if the representation is active or inactive.
- **November 2021 Analytics**
The number of retrieved titles now appears at the top of each tab of the Title Level Overlap Analysis dashboard:

Title level overlap analysis							
Overlap P and E							
Number of titles: 153							
Title Author Combined and Normalized	Title	Author	MMS Id	Electronic Inventory	Physical Inventory	Num Loans Last 365 days	
1988 international optical computing conference 6-11 July 1988 jerusalem israel - title	1988 International Optical Computing Conference, 6-11 July 1988, Jerusalem, Israel /	International Optical Computing Conference Jerusalem (1988)	9917467201421	0	1	0	
		International Optical Computing Conference Jerusalem (1988 ; International Optical Computing Conference Corporate Author	9927481527701421	1	0	0	
albert einstein historical and cultural perspectives the centennial symposium in Jerusalem - jeru	Albert Einstein, historical and cultural perspectives: the centennial symposium in Jerusalem /	Jerusalem Einstein Centennial Symposium (1979)	9919957901421	0	1	0	
		Jerusalem Einstein Centennial Symposium (1979), issuing body	9927783999701421	1	0	0	
babylons ruine jerusalems rising set forth in a sermon preached before the honourable house of commo - will	Babylons ruine, Jerusalems rising : set forth in a sermon preached before the Honourable House of Commons on the 25 Octobr, being the day appointed for the monthly fast, solemnly to be observed /	Wilkinson, Henry, 1610-1675.	9941642101421	0	1	0	
		Wilkinson, Henry, 1610-1675.	9941230601421	0	1	0	
		Wilkinson, Henry, 1610-1675.	9927553217501421	1	0	0	
		Wilkinson, Henry, 1610-1675.	9927549455701421	1	0	0	

Number of Retrieved Titles

- November 2021 Analytics**
 Additional security enhancements were implemented to block reports to which you are not allowed access.
- November 2021 Analytics**
 In continuation from the October release, additional irregularities across several subject areas, including typographical errors, inconsistencies between common fields, and missing fields were corrected.

Alma November Resolved Issues

- **November 2021 Analytics SF: 00913246 00910503**
The **Electronic Material Type** field (**E-Inventory > Portfolio**) is not updated with information from Alma. This was fixed.
- **November 2021 Acquisitions SF: 00950038 00796250 00711237 00794740 00854784 00935320 00923964 00946720 00922044 00827911 00800644 00919984**
Claim was automatically triggered twice for the same PO line with one item. This was fixed.
- **November 2021 Acquisitions SF: 00898995 00987365**
When creating the Order list letter to the vendor, the **Rush** field was reset to 'false' no matter its value. This was fixed.
- **November 2021 Acquisitions SF: 00968849 00950231**
SUSHI Account filter in Uploaded Files list does not return files This was fixed.
- **November 2021 Acquisitions SF: 00973310**
Using parameter `op=mark_in_erp` for Invoice Service API caused the invoice to be stuck in Waiting for Payment. This was fixed.
- **November 2021 Acquisitions SF: 00797362 00923795**
Changing **Expected Receipt Date** in PO Line is not recorded in PO Line History. This was fixed.
- **November 2021 Acquisitions SF: 00975916**
Renewal letter is sent despite the POL having an acquisition method of 'Purchase without letter'. This was fixed, so that notification is not sent for PO Lines whose Acquisition method does not require notification.
- **November 2021 Acquisitions SF: 00894254**
Review task list displays invoices and PO's that are not in the scope of the user's roles. This was fixed. The invoices in task list are now counted by the privilege.
- **November 2021 Acquisitions SF: 00997941 00992750 00991042 00997786 00835020 00987661 00991295 00978328 00917777 00926293 00948276 00966211 00996758**
The monthly scheduled SUSHI harvesting job is not retrieving Elsevier Science Direct usage reports. This was fixed.
- **November 2021 Acquisitions SF: 00983695**
Rollover PO Lines failed when trying to get the location from standing order PO Lines. This was fixed.
- **November 2021 Fulfillment SF: 00922078 00906215**
When loaning an item that is on the expired hold shelf to a different patron, Alma cancels the expired request to enable the loan. Previously the expired request was canceled even if the loan failed due to a loan block. This caused items on the hold shelf to sometimes incorrectly appear as in place. This was fixed. Now the expired request is canceled only if the loan succeeds.
- **November 2021 Fulfillment SF: 00966877**
Previously, special characters in work order type are not presented when configuring the work order type's statuses. This was fixed.
- **November 2021 Fulfillment SF: 00961918**
The option of changing a due date if the status of a loan is **Claimed Return** was removed since a due date cannot be changed for this status.
- **November 2021 Fulfillment SF: 00987873**
One of the preliminary conditions of library deletion has encounter a problem and prevents the deletion of the library. This was fixed.
- **November 2021 Fulfillment SF: 00886909**
SIP2 passwords appearing in the Alma logs unencrypted. This was fixed. The password field in SIP messages will not be printed to log as is, but rather will be hidden with asterisks.
- **November 2021 Fulfillment SF: 00996079**
The item policy in the patron workbench was not translated. This was fixed.
- **November 2021 Fulfillment SF: 00834526 00877220 00884692 00977415 00988353 00864231**

It was not possible to edit a Course or Reading-List name when the UI was not in English. This was fixed.

- **November 2021 Fulfillment SF: 00489396 00944501 00133518 00481372 00185027 00114851**
The error message shown while entering the ILL form in Primo Classic without logging in used to be constant. This was fixed. It is now customizable by editing the 'c.uresolver.request.ill.msg.serviceNeedLogin' label.
- **November 2021 Fulfillment SF: 00826833**
The locate process using the UResolver locate would sometimes miss relevant services due to direct linking configuration. This was fixed.
- **November 2021 Fulfillment SF: 00950394**
Ship Item Digitally row action for Lending requests did not work when sending a URL rather than uploading a file. This was fixed.
- **November 2021 Fulfillment SF: 00993190 00973952 00971404**
Inconsistencies have been found between RapidILL tasks widget and the task list requests count. This was fixed.
- **November 2021 Fulfillment SF: 00973014**
Resource Sharing Languages was not using the translation in the ILL Request form. This was fixed.
- **November 2021 Fulfillment SF: 00984785**
The option to **Send File to Patron** from a Borrowing request returns an error when the requester was already anonymized. This was fixed.
- **November 2021 Resource Management SF: 00999049**
When viewing a Holdings record in the Record View page, the 'Relink' option was not displayed even if the record was not locked. It happened because the customer parameter 'working_copy_lock_timeout' wasn't taken into account. This was fixed.
- **November 2021 Resource Management SF: 00865175**
General Publishing: A managed set was created based on Electronic Collection (electronic collection type = database). A bibliographic record was associated with each electronic collection (Additional descriptive information). Publish profile was set to publish at Bibliographic level, but no records were being published. This was fixed.
- **November 2021 Resource Management SF: 00949714**
Community Zone Electronic Activation job - Activate all - double-click activate triggered the activation job twice . This was fixed, now the screen prevents double clicking.
- **November 2021 Resource Management SF: 00821780 00716947 00847406 00844955**
Alma failed to generate a thumbnail image from a representation. This was fixed.
- **November 2021 Resource Management SF: 00843643 00965329 00932864 00841024**
A thumbnail image was not generated for some digital files. This was fixed.
- **November 2021 Resource Management SF: 00859995 00863089 00948661 00988250 00947567**
The thumbnail generation did not work properly. This was fixed.
- **November 2021 Resource Management SF: 00945967**
The normalization rule to prevent bibliographic records of patron deposits from being published to OCLC did not work. This was fixed.
- **November 2021 Resource Management SF: 00951960**
The job to generate thumbnails did not function properly. This was fixed.
- **November 2021 Resource Management SF: 00983348**
Thumbnail selection and display did not work properly in the Digital Representation Editor. This was fixed.
- **November 2021 Resource Management SF: 00954719**
An error occurred when converting MARC21 records to CNMARC or UNIMARC in binary format. This was fixed.
- **November 2021 Resource Management SF: 00960091**
Upload files to FTP jobs are completing successfully, even if not all files have been uploaded.. This was fixed. In case of an FTP issue during the export, the Export job report will indicate that.
- **November 2021 Resource Management SF: 00929316**
Physical Items Advanced Search: Searches for the 'Temporary physical location' index with the 'Is Empty' or 'Is Not Empty' operators did not work properly. This was fixed. The fix will be deployed gradually with the semi-annual indexing job starting in the November release.
- **November 2021 Resource Management SF: 00972361 00964779 00971947**
Repository search returns 'Unresponsive page' error message when using 'Expand all'. This was fixed.

- **November 2021 Resource Management SF: 00963215**
Repository Advanced Search for Physical Titles / Items: The following index names were changed, to improve their order and readability
From: Pattern fifth level of enumeration, Pattern first level of enumeration, Pattern fourth level of enumeration, Pattern frequency, Pattern second level of enumeration, Pattern sixth level of enumeration, Pattern third level of enumeration.
To: Pattern 1st level of enumeration, Pattern 2nd level of enumeration, Pattern 3rd level of enumeration, Pattern 4th level of enumeration, Pattern 5th level of enumeration, Pattern 6th level of enumeration, Pattern frequency.
- **November 2021 Resource Management SF: 00982375**
Fixed capitalization issue when normalizing for Swedish and Norwegian. Reindexing is required.
- **November 2021 Resource Management SF: 00967403 00973612**
Due to duplicated services and a technical issue, the svc_dat=CTO was breaking the OpenURL flow. This was fixed.
- **November 2021 Resource Management SF: 00634339**
Pickup location for resource sharing requests was not set correctly according to the request owner library. This was fixed.
- **November 2021 Resource Management SF: 00813346**
When coming from browse search, details query of full view records did not account for 'Filter by availability' of remote search. This was fixed.
- **November 2021 Resource Management SF: 00970599 00997356**
Using the PNX API through the API gateway failed if multilingual fields were defined in the system. This was fixed.
- **November 2021 Resource Management SF: 00986454 00964860 00984468 00977149**
Course information did not appear in brief record display. This was fixed.
- **November 2021 Resource Management SF: 00919834**
Normalization Rules: `changeSubFieldExceptFirst` and `correctDuplicateSubfields` operators behave differently than others - they cannot exist one after another within the same rule. This was fixed.
- **November 2021 Resource Management SF: 00903141**
Merge & Combine from the Metadata Editor in a Network institution: When the Network Zone primary record had no local fields in its linked Institution Zone record, and the linked Institution Zone record of the Network Zone secondary record did have local fields, the local fields of the secondary record were not appended to the primary record after the merge. This was fixed.
- **November 2021 Resource Management SF: 00971497**
New Metadata Editor: When the user edits a KORMARC bibliographic record and opens the form editor for field 008, the value for Korean University (26-27) is not displayed correctly. The issue has been fixed.
- **November 2021 Resource Management SF: 00974701**
New Metadata Editor: Network Zone records could not be open for editing in Institution Zone, with error text: `java.lang.NumberFormatException: For input string: 'gnd3'` non-numeric. This was fixed. Cataloger Level values like 'gnd3' are now supported for external authorities.
- **November 2021 Resource Management SF: 00974288**
New Metadata Editor: When opening a record and trying to create an order for it, if the order creation is cancelled, either an oops error appears or an infinite loading screen. This was fixed.
- **November 2021 Resource Management SF: 00988824**
MODS record does not redisplay after closing editor (clicking on the X). This was fixed.
- **November 2021 APIs SF: 00921289**
The Get-Invoice API returned an inaccurate **Invoice Total Price** in some cases. This was fixed.
- **November 2021 APIs SF: 00957305 00971897**
Get Users API did not support finding users by `birth_date`. This was fixed.
- **November 2021 APIs SF: 00941494**
In the Create request API, when 'last_interest_date' is included, the date changes to a past date in some cases. This was fixed.
- **November 2021 APIs SF: 00969134**
The Get-Users API did not support a search of users by their phone number in some cases. Now the **phone_number** field is supported.
- **November 2021 APIs SF: 00987474**
In some cases, Alma User APIs allowed creating (or updating) of a user with the same identifier value. This was fixed.

- **November 2021 APIs SF: 00981518**
The Get-list-of-code-tables API was missing UserGroups. It was now added.
- **November 2021 Administration and Infrastructure SF: 00940096**
In case of a Borrowing request which has been created manually with a Resource Sharing Request Fee, the External Identifier was missing from the Fine/Fee Comment. This was fixed.
- **November 2021 Administration and Infrastructure SF: 00954488 00812655 00950400**
User Title could not have a dotted value (e.g. 'Dr. Dr.') in the code and the saved value was automatically modified when editing the user record. This was fixed.
- **November 2021 Administration and Infrastructure SF: 00905690**
Whenever the network_users_unique_identifiers customer parameter is set to FULL the UserIdentifierDefinition table cannot have an identifier with uniqueness set to AcrossType. The ILLIAD_ID identifier was introduced with Out-of-the-box value of AcrossType which caused the Customer Parameters table to fail on save. This was fixed, the ILLIAD_ID is now excluded from the validation check.
- **November 2021 Administration and Infrastructure SF: 00949432**
Linked users created by loan from another institution resulted in inconsistent 'Linked From Institution Name'. From now on, linked users created by loan from another institution will use the English name of the original institution, and not its translated name.
- **November 2021 Administration and Infrastructure SF: 00976114 00962098**
Missing academic title in User Notifications Letter XML. This was fixed by additional data added to the User Notifications Letter XML (e.g. user_title, identifiers) by adding user_for_printing data to the XML.
- **November 2021 Administration and Infrastructure SF: 00870544 00899837**
New Layout: Loss of information was exhibited in the Summary panel when changing display density. This was fixed. Changing density will now redirect to Alma Home page.
- **November 2021 Administration and Infrastructure SF: 00919838 00921159 00973839**
New Layout (Accessibility): Alma was not fully complying with high contrast theme in Windows 10 and High Contrast Extensions in Firefox. The drop-downs were still white. This was fixed.
- **November 2021 Administration and Infrastructure SF: 00964019 00973995**
In Letters Configuration, XMLs with the same name could not be added to the XML list. This was fixed.
- **November 2021 Administration and Infrastructure SF: 00980930**
Delivery URL in Deposit Status Update Letter does not use CNAME. This was fixed.
- **November 2021 Administration and Infrastructure SF: 00982621**
Accessibility issues of missing labels/page titles were fixed in Deposits page.
- **November 2021 Administration and Infrastructure SF: 00973043**
Export User letter was indicated as 'Patron Facing' in Alma Letter Configuration and in the Online help. This was fixed, it is now set to No.