



Alma December 2019 Release Notes

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Download a PDF of the Release Notes and Resolved Issues

Make the Most of December's Release

Action Items

- ☐ [Merge Patrons - GR](#) - You can now deduplicate user records that have been created for the same patron, resulting in one user record that is a merge of both deduplicated records.
- ☐ [Other System Number Export](#) - We have added to file created by Export Physical Items job the Other System Number. The field might hold one or more numbers that can be used by you to identify the item.
- ☐ [Validation for ISBN, ISSN, ISMN, IAN, and UPC](#) - We have added a new validation task enabling to validate identifying number either when importing or editing. It will help to improve the quality of the metadata resulting in better matching between records.

Upcoming Issues to Note

- The sandbox release date for the January 2020 release has been moved to December 15, 2019.
- For those institutions that have an additional Alma or Primo VE Premium Sandbox environment that was allocated as part of the transition to the new Premium Sandbox Policy, please note that this additional environment will be deactivated as planned as part of the upcoming January 2020 release. Your primary Premium Sandbox environment will remain active and will be refreshed as planned in February 2020 as part of the semi annual sandbox refresh. For more details see [here](#).
- Please note that in Alma Analytics, the Cost Usage subject area and its related features will be deprecated in January 2020. This includes:
 - The fields of the Cost Usage subject area that are available when selecting New > Analysis > Cost Usage
 - The out-of-the-box reports and dashboards for Cost Usage under /shared/Alma/Cost per Use/Reports and under /shared/Alma/Cost per use via COUNTER reports and acquisitions data
 - The folder Cost per use via COUNTER reports and acquisitions data

When the Cost Usage subject area is deprecated, all reports that use this subject area will no longer work.

Institutions that use reports from the Cost Usage subject area can do the following:

- Take advantage of the over 30 new out-of-the-box reports in the /shared/Alma/Cost per use via COUNTER reports e-inventory and acquisitions data/Reports folder. These reports use the new Cost Usage of the E-Inventory subject area.
- Use the out-of-the-box Electronic Cost Usage Dashboard (which uses the above reports) located in the /shared/Alma/Cost per use via COUNTER reports e-inventory and acquisitions data/Dashboards folder.
- Make their own customized reports using the Cost Usage dimension of the E-Inventory subject area.

Password Migration Period to IDP

As previously announced, the password migration period to the Ex Libris Identity Service ends on December 31, 2019. In January 2020, all internal user passwords will be deleted from Alma. As a result, internal users that did not log in during the migration process, will be required to create a new password. For more information, please see [here](#).

GuideMe Step-by-Step Walk-Throughs

Starting December 4, 2019, take advantage of our new GuideMe walk-throughs in your Sandbox! GuideMe is a help tool layered over Alma, providing step-by-step guidance enabling you to get just-in-time help on selected workflows. In January 2020 release, these flows will be segmented by role displaying flows relevant to your role in your institution. Additional GuideMe flows will be added on an ongoing basis.

Pickup Locations for Patron Requests in Primo

In an upcoming release, the calculations of a pickup location for a Primo patron request will be modified for institutions that are part of more than one fulfillment network.

As an example, institutions A and B are a fulfillment network, while institutions A and C are a separate fulfillment network:

Currently, when a patron from institution B finds a title in institution A, the pickup locations presented are from all three institutions because A is the owner of the item and A is in networks with both B and C.

With the modification, rather than displaying all possible pickup locations based on the item owner, Alma will also utilize the Primo login institution, institution B, and only display the pickup locations that can serve both item owner (A) and login institution (B), in this scenario, A and B.

Next Release Sneak Preview

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

January 2020 Sneak Preview

Note

The features below are currently planned for the next release. However, some of these features may, for various reasons, not be included in this month's release, but rather in a future Alma release.

DARA

- **DARA Updates** - The manual/bulk dismissal of recommendations will be improved; you will be able to configure which roles are relevant for which DARA recommendations; a visual indication on DARA actions will display the number of open recommendations in the header.

Resource Management

- **New Parameter for MD Import** - The MD import will include a new parameter that controls whether local extensions will be added to records.
- **Management of Community Zone Sets** - In continuation to recent developments relating to the management of Community Zone sets, the January release will include the possibility to export a Community Zone set. In addition, API's will support working with Community Zone sets.

Digital Resource Management

- **JP2000 Thumbnail Generation** - Alma will automatically generate thumbnails for all the high resolution JPEG2000 images in your digital repository.
- **Download original file in UV** - The advanced Universal Viewer will provide the option to download the original high-resolution image, in addition to the existing option of a lower resolution derivative.

2019 RN 12 Main

DARA Now Identifies Digital Files Requiring Conversion

December 2019 DARA

DARA identifies when you have files that are incompatible with HTML5 formats and cannot be viewed using native viewers in Alma. DARA recommends that you run the Media Conversion job on files of formats wmv, avi, m4v or mp4v and convert them to MPEG-4 or HTTP Live Streaming (HLS) formats.

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

License Distribution Enhancements

December 2019 Acquisitions / Collaborative Networks

When a Network Zone institution shares a license with its member institutions, in addition to the information from the **Summary** and **License Terms** tab being copied to the members, the Network Zone institution can now select options to share the information found on the **Notes** and **Attachments** tabs. The Network Zone institution can choose to share one or both of these in the new **Distribution** section of the **License Details** page. When Notes or Attachments information has been shared to the member institutions, if the Network Zone institution edits the **Distribution** fields and removes one or both options, the data that was previously copied to the member institution is retained. Additionally, any changes made by the Network Zone institution will be reflected in the member institution's **History** tab.

For shared licenses, member institutions can now view the license but not edit it.

For more information, see [Distributing Centrally Managed Licenses](#).

PO Line Reclaims

December 2019 Acquisitions

A field is now available on the **PO Line Details** and **Vendor Account Details** pages to establish a defined interval for resending a claim. When the **Reclaim Interval (days)** field is populated in the PO Line Details, Alma will send reclaim letters at the defined interval after the initial claim letter is sent. If the field is not populated, the previous behavior continues and a reclaim letter will not be sent. When this field is populated on the Vendor Account Details page it is copied to the corresponding field in the PO line page when the specific vendor account is selected, any change on the **Reclaim Interval (days)** field in the PO line details page will take effect and will be the actual value, this is consistent with other fields which are copied from the vendor account upon creation of a PO line.

See [Manually Creating a PO Line](#) and [Processing Claims](#).

Portfolio-Level Facets, Sorting, Filters, and Display Options

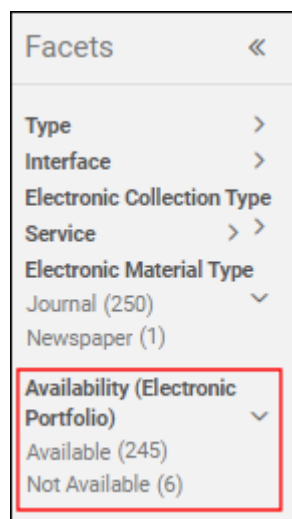
December 2019 Resource Management



Idea Exchange

New facets, additional sorting options, filters, and display options were added for portfolio-level search results.

The new **Availability (Electronic Portfolio)** facet now appears with the portfolio search results.

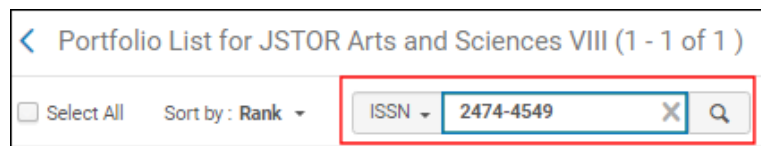


Availability (Electronic Portfolio)

The new **Available For** facet appears with portfolio-level results and shows the campus or library names for available portfolios when the institution is configured for distributed access to electronic resources. For Network Zone member institutions, there is also now an **Available For** facet that shows the member institution names at the portfolio level.

The Title - Asc and Title - Desc **Sort by** options now appear for the portfolio search results.

When viewing results on the Portfolio List page, you can now search within the list using ISBN, ISSN, or Title.



Search by ISBN, ISSN, or Title

The following fields were added to the configurable display of portfolio-level search results: ISBN, ISBN (13), ISSN, Coverage (label change from Threshold), Perpetual Coverage, Access Type (as defined for the portfolio or the inherited value), Electronic Material Type, Notes, and Related Portfolios.

In the **Other details** tab, the Licenses name and the PDA name appears instead of a number that previously appeared for these details.



Licenses and PDA Names

For portfolios that have notes (



) or related portfolios (



), the search results present new indication icons. (Note that, in the next release, the Notes icon can be selected and direct you to the Notes tab in the Electronic Portfolio Editor.)

2 **Modern Art Asia**
Free E- Journals: getFullTxt
Available from 2009 volume: 1.

Access Type: Current
Electronic Material Type: Journal
Creation Date: 03/15/2012 07:08:35 CDT
Modification Date: 11/07/2019 11:02:43 CST

Portfolio ID: 537295620000521
Service ID: 626166610000521
Collection ID: 616166620000521

[Edit Portfolio](#) [Order](#) [...](#)

[Other details](#)

Notes and Related Portfolios Icons

See [Searching in Alma](#) and [Managing Electronic Resources](#) for more information.

Other System Number Export

December 2019 Resource Management

When you run the Export Physical Items job, the file created from the export now includes the 035 \$a contents in the column labeled Other System Number. See [Export Physical Items](#) for more information.

Validation for ISBN, ISSN, ISMN, IAN, and UPC

December 2019 Resource Management SF: 00645609 00109727

You can now configure validation in specific fields/subfields for ISBNs, ISSNs, ISMNs, IANs, and UPCs. See [Editing Validation Processes](#) for more information.

DANMARC to MARC 21 Import

December 2019 Resource Management

When importing DANMARC bibliographic records, there is now the option to crosswalk them to the MARC 21 bibliographic format. See [Source Format](#) in the Import Profile Details - Profile Details Fields table in the [Creating/Editing an Import Profile: General Profile Information](#) section.

Authentication for SRU/SRW Search Queries

December 2019 Resource Management

You can now set up authentication in the SRU Server integration profile so that a user name and password are required for SRU/SRW search queries. See [Configuring an SRU Server Type Integration Profile](#) for more information.

Community Zone Set Management

December 2019 Resource Management SF: 00473431

Several new options are available that expand set management capabilities into the Community Zone. This includes:

- Creating logical sets of bibliographic or authority records (**Save Query**) from Community Zone search results
- Itemizing a set of Community Zone records.
- Combining sets of Community Zone records.
- Cataloging a set of Community Zone records (available for bibliographic records, initially, and authority records in a future release).
- Filtering a set of Community Zone bibliographic records

Later releases will allow the ability to export the set of Community Zone records.

See [Managing Search Queries and Sets](#) for more information.

Semi-Annual Reindexing

December 2019 Resource Management SF: 00629205 00668335 00640843

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

- [UNIMARC / CNMARC Repository Search Results Display](#).
- The UNIMARC 607 subfields a, j, and x-z are now searchable under the Subjects general index. Note that when the 607 \$2 has the text /c, it is also searchable under the Subjects (LC) index (previously existing functionality).
- For the UNIMARC field 452 (Other Edition in Another Medium), the ISSN cataloged in subfield \$x and ISBN cataloged in subfield \$y are searchable under the ISSN and ISBN indexes respectively, in addition to the Keywords index.

New Suppress from Discovery Jobs for DC and MODS Record Formats

December 2019 Digital Resource Management

The following jobs are now available (Admin > Run a Job) to suppress from discovery bibliographic records in DC and MODS formats:

- Suppress Bib records from discovery - DC
- Suppress Bib records from discovery - DCAP01
- Suppress Bib records from discovery - DCAP02
- Suppress Bib records from discovery - MODS

For more information, see [Running Manual Jobs on Defined Sets](#).

Upload Files to Digital Representations from S3

December 2019 Digital Resource Management

The **Add Digital Representations** flow now provides an option to upload digital files directly to Amazon S3 storage, with no size limitations. To support this feature, the **Folder** option is now available on the Representation Details page. To upload the file, select **Folder** and enter the location of the file.

Upload From S3 Folder

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

For more information on uploading a file to S3, see the [Developer's Network](#).

Full-Text Extraction Now Supported for Additional Formats

December 2019 Digital Resource Management

Alma now supports full-text extraction for the following additional file formats:

- PDF
- Office
- OpenDocument
- text/* mime types (strip text/html)
- Epub
- RTF
- XML

For more information, see [Editing Representation Metadata and Content](#).

Loan Statistics in Physical Title Search Results

December 2019 Fulfillment



Idea Exchange

In the **Other Details** tab of physical title and all title search results, the following new loan statistics are available:

- Number of loans
- Number of in house use
- Year-to-date loans
- Last in house use date
- Last Loan Date

Note

The statistics are not available for migrated loans if the title has more than 1,000 items.

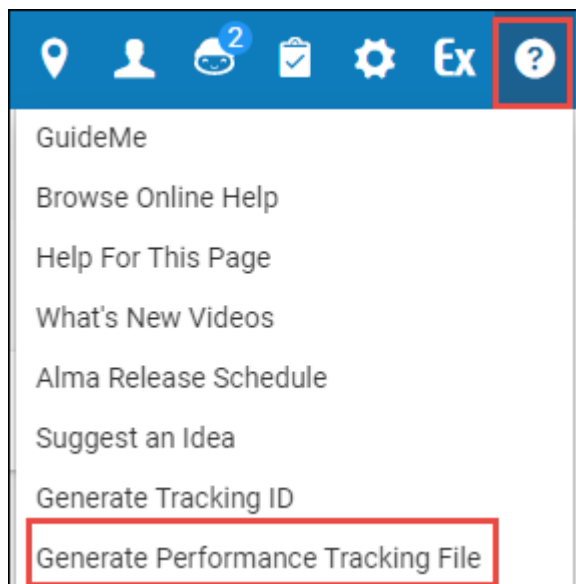
For more information, see [Viewing Inventory/Other Details](#).

Generate Performance Tracking File

December 2019 Administration and Infrastructure

There is now an option to generate a performance tracking file. If Alma has performance issues such as long search times, select the **Help** icon and then select **Generate Performance Tracking File** to download a data file. Open a support issue and attach the file to the issue. The information in the file can help the support team resolve the issue.

Generate the tracking file immediately after experiencing the performance issue, before doing any other action.



Generate Performance Tracking File

Cloud Passwords

December 2019 Administration and Infrastructure

In January 2020, Ex Libris will be removing all passwords from the Alma database. This is the next step of the move to Ex Libris Identity Service which started in January 2019. See the [Ex Libris Identity Service](#) in the Developer Network.

This will only affect users that have not logged in since the beginning of 2019. However, if you have Primo/PDS which hasn't been upgraded for some time, there could be active users which still have passwords in the Alma database. This will only be users whose passwords are not strong enough to be written into the Identity Service automatically.

Institutions that want to prepare for the upcoming password removal can do one of the following:

1. Add a "forgot password" link to Primo which will be useful also for users without password. See the Knowledge Article, [How to add a 'Forgot My Password' link to the login page in the new UI when using Alma for authentication](#).
2. Create a list of the relevant users using an Analytics report and send them an email using the Update/Notify Users job (with a link to page where they can create a new password). See [Editing/Messaging Users in Bulk](#).

3. Do nothing. The patrons who cannot login will approach a librarian who will set a new password for them.

Merge Patrons

December 2019 Administration and Infrastructure



Idea Exchange

A user with appropriate privileges can now merge one patron record into another patron record. You can select which segments to merge (contacts, identifiers, notes, blocks, demerits, statistics, attachments and proxy for). All fulfillment activities are merged (loans, requests, fines/fees and interested users) to the new user as well as purchase requests and user data from Primo VE and Leganto. Esploro users cannot be merged. To enable this feature, contact Ex Libris customer support.

Watch the [Merge Duplicate Patron Records](#) video (2:17 min).

See [Merging Patron Records](#).

2019 RN 12 Additional

- **December 2019 Acquisitions SF: 00693367 00620961 00574922 00708569 00587052 00237107 00664426 00700910 00524721 00556963 00544153 00646812 00545012 00641376 00613451 00666228**
(URM-63478) The PO line history now has two radio buttons which differentiate between the history of PO line changes and transaction changes (modifying fund, modifying price (redistribute), adding invoice line (modifying)). This change also applies retroactively on all PO lines history (for PO lines created prior to this development and modified by a system job, some operators names may appear as actual users and not System). In the PO line changes filter, transaction item data was removed (as it is no longer relevant because of the designated Transaction changes radio button).
- **December 2019 Acquisitions SF: 00176106 00065047 00315181 00459513 00083525 00219614 00347686 00170590 00205828 00353165 00523375 00165544 00418046**
(URM-33303) Orders and queries are now sent to the email address in their relevant email fields. The preferred address is only used if there is no email address of the relevant type.
- **December 2019 Acquisitions**
(URM-111694) Because of multiple report types, the duplication check in COUNTER R5 reports now includes only the name and subscriber.
- **December 2019 Fulfillment SF: 00638782**
(URM-109094) On the Manage Patron Services page, when sorting the list of items by location (library), Alma now displays the item's actual location rather than the location that was relevant at the time of the loan.
- **December 2019 Fulfillment**



Idea Exchange

(URM-109876) The Courtesy Notices now includes the last renew status and date in its XML. This can be used to notify the patron why the last automatic renew failed.

- **December 2019 Analytics**
(URM-117086) The **Electronic Resource Collection Overlap** folder located under `Shared/Alma` will be deprecated in a future release. This information is instead available in the **Titles with Multiple Portfolios** report located in the `/shared Folders/Alma/Cost per use via COUNTER reports e-inventory and acquisitions data/Reports` folder and is part of the **Electronic Cost Usage** dashboard.
- **December 2019 Analytics**
(URM-116788) The **Overlap E and E** report was added to the **Title Level Overlap Analysis** dashboard located under `/shared Folders/Alma/Titles`. It displays titles with multiple copies of the same electronic portfolio.

In addition, the **Loan Date** prompt was removed from the **Overlap E and D** report, as it is not relevant.

- **December 2019 Analytics**
(URM-116785) The **Cost Per Use** subject area is now marked as "to be deprecated". For more information, see the [Upcoming Issues to Note](#) section of the release notes.
- **December 2019 Analytics**
(URM-101501) The following fields were added to E-Inventory > Cost Usage > Portfolio and Collection Measures:
 - No. of Electronic Collections (Deleted + In Repository)
 - No. of Electronic Collections (Deleted)

- No. of Electronic Collections (In Repository Linked to CZ)
- No. of Electronic Collections (In Repository Not Linked to CZ)
- **December 2019 Analytics**
(URM-101325) The **Invoice - Currency** and **Invoice Line - Currency** fields were added to Funds Expenditure > Invoice Line. They indicate the currency used in the invoice and invoice line.
- **December 2019 Analytics**
(URM-91972) The **In Temp Location at Time of Loan** field was added to Fulfillment > Loan Details. In indicates if the item was in a temporary location at the time of the loan.
- **December 2019 Analytics SF: 00181283 00377351**
(URM-73329) The **Portfolio Additional PO Lines** field was added to E-Inventory > Portfolio and the **Electronic Collection Additional PO Lines** field was added to E-Inventory > Electronic Collection. These fields display the additional PO lines for the portfolio and electronic collection.
- **December 2019 Analytics**
(URM-86303) The **Receiving Operator** dimension was added to the **Physical Items** subject area. It contains fields related to the receiving operator.
- **December 2019 Analytics SF: 00514679 00531487 00653213 00157268 00007454**
(URM-41061) The **Renewal Circulation Desk** dimension was added to the **Fulfillment** subject area. It contains fields related to the renewal circulation desk.
- **December 2019 Analytics**
(URM-101652) The `/shared/Alma/Physical Item Usage for Weeding (to be deprecated)` folder was removed.
- **December 2019 Analytics**
(URM-117090) The **Fulfillment - Number of renewals in the last year by Patron Group** report was moved to the `Alma/Fulfillment/Reports` folder from the `/shared/Alma/Cost per use via COUNTER reports and acquisitions data` folder and was renamed to **Number of renewals in the last year by Patron Group**.
- **December 2019 Analytics**
(URM-105879) Alma Analytics now supports COUNTER version 5. To support this enhancement, the following fields were added to E-Inventory > Cost Usage > Cost Usage measures:
 - Usage TR_J1
 - Estimated Usage TR_J1
 - Usage TR_B1
 - Estimated Usage TR_B1
 - Usage DR
 - Estimated Usage DR
- **December 2019 Analytics**
(URM-85956) The **Subject Area Contents (to be deprecated)** folder, previously located under `/shared/Alma`, was removed.
- **December 2019 APIs**
(URM-115406) The Create Request API now has an option for the pickup location to be Personal Delivery.
- **December 2019 APIs SF: 00624824**
(URM-105762) In the Create/Update Bib Record APIs and the Create/Update Authority Record APIs, you can now block the creation of a new record if a matching one already exists. In all four APIs if `check_match` is true, the APIs will check for matching records, and if such exists, return the list of their IDs in an error message.

- **December 2019 Fulfillment - Course Reserves / Analytics**

The **Reading List Citation Create Date** dimension was added to the Course Reserves subject area. It contains fields related to the citation creation date.

- **December 2019 Fulfillment - Course Reserves**

The button for translating a course name was removed as it was not in use.

- **December 2019 Fulfillment - Course Reserves SF: 00698425 00700616 00718937**

When adding a patron user as a list owner, a new parameter controls the assignment of the instructor role. The parameter, **instructor_role_expiration_months**, found in the **Configuration Menu > Fulfillment > General > Other Settings** page, controls how many months the role is active. When the parameter is set to 0, there is no expiration.

- **December 2019 Fulfillment - Course Reserves SF: 00681864**

On the Course Loader integration profile, a new field is now available. Select On Rollover Include Archived Lists to include archived lists when the coourse is rolled over.

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- **December 2019 Acquisitions SF: 00600690 00610928 00601862 00615517**
A new order import fails with 'File failed to process additional services' when there is a holdings records mapping in the profile and a repetitive data field in the import. This was fixed. Only a bibliographic record will be created without a PO line and a holding.
- **December 2019 Acquisitions SF: 00720142**
The error message, 'Amount should not be empty when adding a fund to the PO line', was not translated. This was fixed.
- **December 2019 Acquisitions SF: 00693513 00710689**
The Usage Data Operator role was missing from Alma Configuration. This was fixed.
- **December 2019 Administration and Infrastructure SF: 00725725 00723747 00724397 00724195 00740903 00727756 00725735 00740560 00727312 00731216 00727234 00724246**
The Quick Print link on a success message was always triggered. This was fixed.
- **December 2019 Administration and Infrastructure SF: 00637222**
In some cases, item History tab missed some entries. In order to fix it, the following job will be run during the next months, gradually: 'Updating items HdeMetadata History'.
- **December 2019 Administration and Infrastructure SF: 00017525 00669132 00017525 00669132**
Punctuation marks were displayed on 'Medium Type' label of repository search. This was fixed.
- **December 2019 Analytics SF: 00598763**
Exporting from Analytics was limited to 250k rows. This was upped to 500k rows.
- **December 2019 Analytics SF: 00673682**
In the Course Reverse SA, a reading list that is not related to course (it is related to default course) could not be reported. This was fixed.
- **December 2019 Analytics SF: 00581790 00590646**
Fiscal periods were sorted alphabetically by ID. So, for instance, '10' sorted before '9'. Now the sort is done numerically.
- **December 2019 API SF: 00693736**
The Retrieve User Requests per Item API returned an error when used with status=history to retrieve closed requests. This was fixed.
- **December 2019 API SF: 00694234**
The Get-Bib API with expand=e_avail returned portfolios which were moved or deleted in some cases. This was fixed.
- **December 2019 API SF: 00714469**
The Retrieve Item and label printing information API returned issue_level_description With incorrect XML encoding. This was fixed.
- **December 2019 API SF: 00720739**
The Update-Bib API was slow when processing many items. Performance was improved.
- **December 2019 API**
Webhooks for Job-finish were missing the Institution code. This was fixed.
- **December 2019 Fulfillment SF: 00724084**
The fines and fees report failed whenever there was a fine with no create date. This was fixed. Now the report will not fail. Instead, the create date will be empty in the report.
- **December 2019 Fulfillment SF: 00597003 00584633 00695119 00678126 00691657 00703845 00572017 00594557 00608642 00625556 00646217 00693799 00660465 00591390 00704946 00657748 00617914 00639102 00642305**
You could not find external users by searching for their email address. This was fixed.
- **December 2019 Fulfillment SF: 00643461 00668366 00643479 00682242 00646096**
When creating a new user from the Manage Patron Services page, in some cases the user's password was not written to the new IdP until the user was updated. This was fixed.

- **December 2019 Fulfillment SF: 00680099**
Sync SIS users failed in the case of faulty data of user selected letters. This was fixed.
- **December 2019 Fulfillment SF: 00593516 00085117 00052345**
When receiving a continuous PO line for other departments, Alma will now calculate a PO line's next step and put the item in transit, if needed. This requires the customer parameter **po_line_calc_co_next_step_on_receive** to be true.
- **December 2019 Fulfillment SF: 00698624 00620024**
Performance was improved for searching for electronic collections in the Online Services Order page.
- **December 2019 Fulfillment SF: 00657270 00689502 00732168 00685905**
If the Lost and Paid new functionality is enabled, the behavior is: If Close Lost Loans job has already processed this loan, the item withdrawal is allowed and succeeds. If Close Lost Loans job has not yet processed this loan, but loan is LOST and PAID (all relevant fines/fees have been paid), the item withdrawal is allowed and succeeds.
- **December 2019 Fulfillment SF: 00686255**
In the Citation Linker Services page, if the word tabs was sent in an attribute's value, an error occurred. This was fixed. Please note that if tabs is a parameter of the URL, an error will still occur.
- **December 2019 Fulfillment**
The completion status of the Bulk Change Due Dates job was **Completed Successfully**, even when some records failed. Now, if some records fail, the job's completion status is **Completed with Warnings**.
- **December 2019 Fulfillment SF: 00736478**
When an item was in a temporary location it was possible to request it even if **No Requesting from Available Holding** was defined and the item was in place. This was fixed.
- **December 2019 Fulfillment SF: 00710298 00720219**
The request delete process was improved to handle data corruption within the request.
- **December 2019 Fulfillment SF: 00724004 00732577 00733687**
Performance improvements were done for the calculation of the On Shelf request policy. This should improve the loading time of the Primo Get It window.
- **December 2019 Fulfillment SF: 00738581 00713050**
Previously, if a lost and paid loan was returned and refunded, multiple refunds took place. This was fixed. Now, only a single refund occurs.
- **December 2019 Fulfillment SF: 00732577**
The **On Shelf Request** policy was sometimes calculated wrongly when there were items in temporary locations. This was fixed.
- **December 2019 Fulfillment SF: 00708736 00690581 00733638**
On the Primo Get It page, the order of locations was changed despite the fact that the configuration has not changed. This was fixed.
- **December 2019 Fulfillment SF: 00669999 00681991**
A digitization request could not be successfully canceled if the digitization process had ended but was still in the **Await Approval** status. This was fixed.
- **December 2019 Fulfillment SF: 00718319 00741405 00704697 00722805 00723609 00717712 00702056 00653664**
Display Logic Rules sometimes hid a full text service rule. This was fixed. To fix existing rules with this problem, please contact Ex Libris customer support.
- **December 2019 Fulfillment - Resource Sharing SF: 00349240 00657740 00658609 00235134**
In the Primo resource sharing request form for citation type **Book**, the Chapter field was not populated. This was fixed, the rft.atitle is now mapped to Chapter.
- **December 2019 Fulfillment - Resource Sharing SF: 00695884**
The requestability check was failing when there was an electronic resource in the fulfillment network locate process. This was fixed.
- **December 2019 Fulfillment - Resource Sharing SF: 00671818**
When customer parameter **rs_fail_locate_multiple_resources** is false and **Locate by Metadata** finds multiple resources one of which is electronic, the system might have chosen the electronic one and responded with an empty IE value. This was fixed. Alma now ignores the electronic item in such cases.
- **December 2019 Resource Management SF: 00687698 00687666**
There was a security vulnerability issue in the search area. This was fixed.

- **December 2019 Resource Management SF: 00679932**
Japanese - Preferred Term Sorting will now sort by Unicode value. For this correction, please contact Ex Libris customer support for reindexing.
- **December 2019 Resource Management SF: 00689140**
Statistics Note 3 is not searchable in **Physical Items > Keywords**. This was fixed.
- **December 2019 Resource Management SF: 00560475**
Itemized sets from Analytics reports were producing errors with Coverage Information. This was fixed.
- **December 2019 Resource Management SF: 00540971**
User with appropriate roles has no action buttons when viewing the results of a physical items set. This has been fixed.
- **December 2019 Resource Management SF: 00627832**
There will be two rft.stitle attributes in the context object. One comes from 245 and one from 210.
- **December 2019 Resource Management SF: 00728024 00642432 00724230 00728706**
The user history table will now be updated when adding a new user or updating an existing user.
- **December 2019 Resource Management SF: 00673400 00700703 00700508 00717998**
When invalid Holdings records (field 852 does not contain \$\$b and \$\$c) were processed by the **Change Physical Items** job, locations were not changed as expected. This issue has been fixed. In such cases, Alma will automatically correct them and create \$\$b / \$\$c with the target.
- **December 2019 Resource Management SF: 00648548**
Some queries that are part of the Get It workflow caused exceptions due to many holdings and items involved. This was fixed.
- **December 2019 Resource Management SF: 00660631**
In some cases where the history of an item included many rows, the **Physical item Editor** page load was very slow. This was fixed.
- **December 2019 Resource Management SF: 00727912 00680740 00707958**
Running **Relink to another bib record** and **Change Holding** caused an item to move to the previous bib record. This has been fixed.
- **December 2019 Resource Management SF: 00704072**
When the **Inventory Date** in the **Physical Item Editor** was prior to 01.01.1900, the Inventory Date was not saved. This was fixed.
- **December 2019 Resource Management SF: 00583998 00624959 00548131 00722359**
If an electronic collection in the Community Zone that was activated using an Excel file was validated offline, the analyzed file created in the job report could not be opened if the input was '.xlsx'. Additionally, if the file name contained an & symbol, an error occurred. These were fixed.
- **December 2019 Resource Management SF: 00671153**
The **Relink to another bibliographic record** button was visible when the **View** action was selected for a portfolio from the **Portfolio List** of an electronic title. This was fixed.
- **December 2019 Resource Management SF: 00736647 00743509 00711611**
The PUT /electronic/e-collections/collection_id/e-services/service_id API created records which cannot be edited if the service was linked to the Community Zone. This was fixed.
- **December 2019 Resource Management SF: 00744204 00755053**
Clicking on **Unpaywall** on the **View It** page opened the pdf embedded in the Primo page. This was fixed. The pdf now opens in another page.
- **December 2019 Resource Management SF: 00702639**
Running a publishing job using **Republish > Subset** triggered a failed job if the set name ended with space. This was fixed.
- **December 2019 Resource Management SF: 00706693 00694303**
General publishing profiles with the FTP publishing protocol should not compress files if **Disable file compression** is checked OR if **Physical format** is **Binary**. However, files were being compressed unless **Disable file compression** was checked AND **Physical format** was Binary. This was fixed.
- **December 2019 Resource Management SF: 00716994**
If a publishing error exists in **Publish bibliographic records from Network Zone to Primo**, the IDs displayed are Institution Zone IDs instead of Network Zone IDs. This was fixed and now the Network Zone IDs are displayed if a publishing error exists in this job.

- **December 2019 Resource Management SF: 00613478**
A local call number duplication check was added, with 905\$s added to MARC21& Kormarc options. In order to enable this feature, contact Ex Libris customer support.
- **December 2019 Resource Management SF: 00457470 00669321 00380400 00634818 00559471 00629754 00528741**
Text inside of angle brackets (< >) was not displayed in the Metadata Editor F3/ View and in Browse Bib headings. This was fixed.
- **December 2019 Resource Management SF: 00633321**
When a member institution performed **Merge & Combine** of two network records from the Metadata Editor, the primary local (linked/cached) record was not updated with the new (merged) bib value, whereas the record in the network zone was properly updated. This was fixed.
- **December 2019 Resource Management SF: 00711365 00662917**
In the Browse Shelf Listing, the call number drop-down was not translated. This was fixed.
- **December 2019 Resource Management SF: 00743597 00632691 00477263**
When a MARC21 bibliographic field was corrected from an authority record by the **Preferred term Correction** job, if the authority record had a subfield 9, the subfield was added to the bibliographic field even when the authority record came from a vocabulary that was not multilingual. This was fixed.
- **December 2019 Resource Management SF: 00502225 00516220 00532244 00490036**
Some authority records were not available using **F3 > View**, and could not be linked using **Select**. These were fixed.
- **December 2019 Resource Management SF: 00685024**
In MARC21, when copying the preferred term from authority field 130, the non filing indicator (second indicator) of the authority heading is now copied to the non filing indicator of the BIB record, and then used to create the normalized value of the BIB record. When using the F3 mechanism or running the preferred term correction job in order to copying the authority field 130 to a BIB record, the following indicator of the BIB field is updated as follows - 130, 630, 730 - 1st indicator 830 - 2nd indicator.
- **December 2019 Resource Management SF: 00684032 00654865 00602976 00717202 00629017 00691879**
When linking an authority via F3, in some cases where the value contained non alpha-numeric characters, the normalized value used to find the correct preferred term in the authority record was generated incorrectly and an error was displayed. This was fixed. Now the normalized value is generated correctly and the preferred term is found.
- **December 2019 Resource Management**
A **Select all** checkbox was added to the **Resolve Import Issues** page.
- **December 2019 Resource Management SF: 00610924**
In MD Import, the **ISBN (exact subfield match)/024/035** match method found matches between 020\$\$z of the imported record and 020\$\$a of the existing record, as did the **ISSN (exact subfield match)/024/035** match method with 022 fields, correspondingly. This was fixed. Matches are now found only between the same subfields.
- **December 2019 Resource Management SF: 00675666**
The import profile for bibliographic records provided no match method for UNIMARC and CNMARC field 073 (EAN). This was fixed.