

# Alma 2019 Release Notes

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Additional Enhancements:	Release:	All
Download a PDF of the Release Notes and Resolved Issues	Dec 2019 - All	
Resolved Issues:	Nov 2019 - All	
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	Oct 2019 - Infrastructure Release	
	Sep 2019 - All	

## Make the Most of December's Release

Action Items	Release:	All
<input type="checkbox"/> <a href="#">Merge Patrons</a> - You can now merge duplicate user records that have been created for the same patron, resulting in a single, deduplicated user record.	Aug 2019 - All	
<input type="checkbox"/> <a href="#">Other System Number Export</a> - 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.	Jul 2019 - All	
<input type="checkbox"/> <a href="#">Validation for ISBN, ISSN, ISMN, IAN, and UPC</a> - We 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.	Jun 2019 - All	
	May 2019 - Infrastructure Release	
	Apr 2019 - All	
	Mar 2019 - All	
	Feb 2019 - All	
	Jan 2019 - All	

## 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 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
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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-Thrus

Starting December 4, 2019, take advantage of our new GuideMe walk-thrus 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 the 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.

## NLI Authority Reload to Community Zone

On December 1st, the NLI Authorities will be reloaded to the Alma Community Zone. Throughout this process all other Community Zone Authority updates will not be distributed to Institutions. A backwards synchronization for all other Authorities will run as soon as this reload process has completed.

Please note that until the completion of this reload local cataloging and updates to local titles and authorities is possible, but these cannot be pushed to the Community Zone.

## Next Release Sneak Preview

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## Make the Most of November's Release

### Action Items

- [ProQuest Ebook Central Integration Group Setting](#) - If your institution manages distributed access to Electronic Resources and you have multiple ProQuest Ebook Central accounts, you can now setup automatic upload of Ebook Central holdings per account. For more information, see [here](#).
- [Authority Control Rules](#) - Take control over Authority Control! You can now define the rules to determine when bibliographic records will be linked to authority records and better manage the Authority Control task list.
- [Search Profile and Search Resources](#) - Include the Network Zone and/or the Institution Zone in your Search Resources profiles for better user experience when searching and retrieving records using the MEditor.
- [New Link Resolver Service for Unpaywall Open Access articles](#) - Provide your end-user with Open Access articles using Unpaywall service.

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As many of you already know, Alma development periodically needs to take a "back seat," and maintenance, cloud infrastructure, and other important tasks need to be handled in order to ensure that Alma meets the highest standards of performance and high availability. The October 2019 release is devoted to such tasks.

We'd also like to take this opportunity to update you on the following:

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## NERS Enhancements Updates

The **NERS 2018** commitment enhancements have been completed and rolled out.

The **NERS 2019** commitment includes **11 enhancements** in all functional areas:

- Provide an option to view URL in CZ portfolios
- Enhancing security and management of API keys
- User profile - Add field for last active date
- Automate Borrowing Request Processes
- Option to not show related holdings locations
- Add Pop-Up Notice at Scan in Items
- Link resolver delivers physical holdings for wrong titles for PCI records
- Administration: Expand Repository Advanced Search Options
- Split role user manager in 2: the user manager and the patron manager
- Add ability to customize Purchase Request online form
- Portfolios in an electronic collection/package should inherit data displays from the collection's service

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## DARA

**DARA – Data Analysis Recommendation Assistant** - was introduced as part of the March, 2019 release. It has attracted wide attention and interest on the part of the Alma community.

What are the top 3 most popular recommendations?

- 9,222 unavailable portfolios
- 4,523 load usage data
- 1,333 automatic usage data

In addition, we can report that:

- 2640 recommendations have been implemented by 359 institutions

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## What's New Videos

There are now more than 1,000 subscribers to Alma's [What's New Videos](#).

What were the top viewed videos of 2019?

- ~2290 views [Alma April 2019 Release: Change Funds in Invoice Lines](#)
- ~870 views [Alma April 2019 Release: Update Library Opening Hours via Excel Import](#)
- ~790 views [Alma June 2019 Release: Filter a List of Items](#)

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## Idea Exchange

- **204 Ideas** have already been **Completed**
- **82 Ideas** have the status **Planned**
- **~20 Ideas** are being considered and have the status **Under Review**
- **~250 people** interacted with Alma on [Idea Exchange](#) in the last 30 days

Be sure to post your great idea and/or vote for other great ideas.

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## RapidILL and Alma

Further to the [RapidILL](#) acquisition which was announced in June, work has already started to strengthen the integration between RapidILL and Alma. Stay tuned for upcoming Q4 support of RapidILL APIs that will make the Alma/RapidILL borrower requesting workflow more streamlined, as requests will be pushed from Alma into RapidILL without requiring any library mediation.

If set up, the new integration will check if the requested resource (i.e. article) is lendable via RapidILL. If yes, the request will be pushed into RapidILL, where a new borrowing request will be automatically managed in RapidILL. If the resource cannot be obtained via RapidILL then the request will automatically continue on to the next potential lender in the rota.

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## Alma Analytics

In October Ex Libris is completing the upgrade of Analytics on the higher education platform from version 11 to version 12 of OBI. In addition to OBI analytics, the Data Visualization tool (DV) will also be an integral part of Alma. A select group of early testing partners has begun evaluation, with general release scheduled for Q1 2020. We'll continue to update you on this upgrade in the next months. Stay tuned.

Extensive documentation and demos (blogs and YouTube videos) are available at [Data Visualization \(DV\) and OBI12](#) in Alma.

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## Counter Release 5

The support of COUNTER release 5 in Alma will be made available in early 2020. Release 5 proposes the following improvements (see also [COUNTER 5 Code of Practice Release 5](#)):

- Fewer standard reports. 36 reports in R4 have been reduced to less than half that number in R5.
- Fewer metric types. 25 metric types in R4 have also been reduced by half in R5, largely through the elimination of format-specific metrics.

- Changing how year-of-publication reporting is managed by eliminating the notion of a range of years and requiring reporting to be at the year-of-publication level.
- Removing the requirement for including titles with zero usage, thus controlling the size of reports.
- Removing inconsistencies between tabular and SUSHI versions of the same reports.
- And more...

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## Security Changes

In April, 2019, Ex Libris announced security changes that impact accessing and integrating with its Higher Education Platform: [Deprecation of Obsolete TLS 1.0 and TLS 1.1 Versions](#).

To avoid security vulnerabilities and to align with industry standards, Ex Libris is removing its support for TLS 1.0 and 1.1. This will be for Alma, Primo, Leganto and Esploro as part of the Ex Libris Higher Education Platform. This took place on all sandbox environments in April 2019 and started on production environments in May 2019.

For more details about TLS and actions that should be taken see [Ex Libris Higher Education Platform - deprecation of TLS 1.0 and TLS 1.1](#).

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## A Few Interesting Alma Statistics (across all regions)

- 400+ institutions use self-check machines
- 400+ institutions are processing SUSHI files
- 300+ institutions are sharing anonymized data (for benchmark analytics)
- 200+ institutions participate in analytics usage tracking
- While most institutions use LC Names, other popular Authority files are GND, BARE, NLI, FRBNF, HK and RAMEAU
- 380+ institutions use local authorities
- 60+ institutions link a photograph to user records
- 9 institutions use demerits for patron fulfillment blocks
- 8M+ loan requests in the last calendar year
- 1M+ Resource Sharing requests in the last calendar year
- 640M+ Electronic portfolios were activated in the last calendar year
- 11M+ Electronic collections were activated in the last calendar year

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## Make the Most of September's Release

Action Items
<input type="checkbox"/> <a href="#">Number of Requests</a> - For titles that have items where the Enumeration A and Chronology I are empty, the number of requests now appear on the holdings level. For titles that have items with Enumeration A and Chronology I, the number of requests now appear on the item level.
<input type="checkbox"/> <a href="#">Linking Refinement</a> - For all institutions that use Names and Subjects authority priorities, a record that is linked to a lower priority vocabulary can now be re-evaluated during the Authorities - Link BIB Headings job run to be linked to a higher priority vocabulary.
<input type="checkbox"/> <a href="#">ETD-MS Format Now Supported</a> - The ETD-MS metadata schema is now supported in Alma, enabling you to deposit, catalog, publish, and deliver digital content cataloged in ETD-MS.
<input type="checkbox"/> <a href="#">Group Digital Files by Subfield 8 Linking Number When Importing Digital Records</a> - When importing digital MARC bibliographic records, you can now group the digital files into representations by the 856 \$8 linking number.
<input type="checkbox"/> <a href="#">Manage Letter Examples</a> - The Letter Examples tab of the Letter Configuration page now supports the ability to browse latest server-side examples and to download/add to the examples list. These examples are subject to the retention policy of the institution. The XML files saved in the system will be retained for 7 days and will be removed by the weekly cleanup job. The XML examples added to the XML list from the system are persistent and will not be cleaned by the weekly job. Any identifying information should be removed from these examples.
<input type="checkbox"/> <a href="#">Ship Digital Content</a> - A new action, Ship Item Digitally, is available on the lending request task list. It is available whenever the Ship Item action is also visible. This allows you to add files to the lending request that are already in your possession. Once the files are uploaded and the page saved, the request is changed either to Shipped Digitally or Request Completed depending on whether the Complete the request check box is selected on the Shipping Digitally page.
<input type="checkbox"/> <a href="#">Online Print Queue</a> - You can now send letters to an online print queue for later printing and print aggregation.
<input type="checkbox"/> <a href="#">Quick Printing</a> - Quick Printing allows you to dictate that all printouts going to a specific printer should automatically print. When using quick printing, the printing window immediately displays when the letter is generated.
<input type="checkbox"/> <a href="#">Visibility of Operator Information in History Tabs</a> - A new privilege, View Operator Details, now allows you to restrict who can view Alma users' details in any of the Audit/History tabs across the system. By default, there is no change to the existing functionality. You can turn on a default set of restrictions using the new page, Manage Operator Details Visibility.
<input type="checkbox"/> <a href="#">User Passwords in the Identity Service</a> - The Ex Libris Identity Service now includes an indication for users that have a password. The Identity Service field appears at the top of the Manage Users page. You can turn on a default set of restrictions using the new page, Manage Operator Details Visibility.

## Action Items

[SAML User Creation](#) - You can now create an Alma user when a user is authenticated with SAML but does not have an existing Alma user. This eliminates the need to create user accounts in advance from a SIS or FTP file download. This option is supported for Primo VE.

For information on Primo VE new release features, see the [Primo VE September 2019 Release Notes](#).

## Note

The Content Operations release notes are located [here](#).

## Upcoming Issues to Note

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- Make their own customized reports using the Cost Usage dimension of the E-Inventory subject area.

## Next Release Sneak Preview

October 2019 is a maintenance release that will not contain any new features.

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## Make the Most of August's Release

### Action Items

[Reshelving Items](#) - You can now clearly mark items that have been returned but not yet reshelved, so that the patrons and staff know when to expect the returned items to be available on the shelf.

[MODS Metadata Schema](#) - We have expanded the set of metadata standards for cataloging digital records to include MODS, allowing

## Action Items

institutions to deposit, catalog, publish and deliver digital content using MODS.

[My Electronic Resources by Provider](#) - Check the status of your ProQuest subscriptions using the new My Electronic Resources by Provider.

For information on Primo VE new release features, see the [Primo VE August 2019 Release Notes](#).

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### Note

The Content Operations release notes are located [here](#).

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## Sandbox Refresh

As a reminder, premium sandboxes will update this month according to [Alma's premium sandbox refresh policy](#).

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## 2020 Release Schedule

In addition to in the help menu in Alma, the 2020 release schedule is [here](#).

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## Next Release Sneak Preview

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

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

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## Make the Most of July's Release

### Action Items

[View It Show All](#) – You can now configure the Link Resolver View It menu to show more than 25 services.

[Define user notes as Pop up notes](#) - Using user notes at the circulation desk can be made more efficient with the new option to make the user notes pop up when the patron is identified at the circulation desk.

[Skip Location Improvements](#) - You can set up Alma to more efficiently manage requests on multiple copy titles, by setting the system up to prefer available copies that are closer to the requested pickup location.

For information on Primo VE new release features, see the [Primo VE July 2019 Release Notes](#).

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### Note

The Content Operations release notes are located [here](#).

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## Upcoming Issues to Note

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

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## Next Release Sneak Preview

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

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## Make the Most of June's Release

Action Items
<input type="checkbox"/> <a href="#">Collection Translation</a> – Institutions will be able to showcase translated collection data, according to the user-defined language.
<input type="checkbox"/> <a href="#">Expand MARC Metadata Fields Displayed in Alma Viewers</a> – Institutions delivering content cataloged in MARC will have the flexibility to display any MARC field in the viewer. In addition, Primo VE users will have a centralized configuration page for fields to be displayed in Primo full view and the viewer.
<input type="checkbox"/> <a href="#">Unique Item Barcodes for Fulfillment Networks</a> - If you are part of a fulfillment network, depending on your setup, you may be able to skip selecting an institution when you scan an item from another institution. This option can be enabled if item barcodes are unique across the fulfillment network.
<input type="checkbox"/> <a href="#">New Options for Closed Library Due Date Management</a> - When due dates are automatically changed by the system to a library open date, you can now set the system to maintain the calculated due hour and change only the date.

For information on Primo VE new release features, see the [Primo VE June 2019 Release Notes](#).

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### Note

The Content Operations release notes are located [here](#).

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## Upcoming Issues of Note

- As noted in May, in July the GET bibliographic record API and the SRU API will return calculated summary information in the AVA field \$\$v instead of \$\$h.
- SF: 00387371 00450507 00517286 00639019 00689391**  
Until this release, in the MD Editor, Browse Shelf Listing > call number sorting sorted the 852 holdings field in the alphabetic order of the subfields: h, i, j, k, l, m. This did not take into account that \$k is the call number prefix. As of this release and when enabled by Ex Libris, selecting call number sorting with sort the call numbers in the order k, h, i, j, l, m. **This change will be applied in the July re-indexing to all customers who do not open a case with Support before July 1st to request otherwise.** Note that the display text of call numbers has always taken the \$k subfield into account and appeared first.

As many of you already know, Alma development periodically needs to take a "back seat," and maintenance, cloud infrastructure, and other important tasks need to be handled in order to ensure that Alma meets the highest standards of performance and high availability. The May 2019 release is devoted to such tasks.

We'd also like to take this opportunity to update you on the following:

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## NERS Updates

The following is an overview of NERS Enhancements that have already been implemented or will be implemented in the coming months.



**NERS Enhancement (ID # 4787):** Staff search results for portfolios in the Community Zone will include the availability (active/not active) status of the electronic collection in the Institution Zone or the Network Zone, in case of a consortia.

Delivery: June 2019 release



**NERS Enhancement (ID # 5730):** New options will be offered for letter configuration management to increase efficiency, including a Preview Letters option.

Delivery: Early access in June 2019 for NERS representatives



**NERS Enhancement (ID # 5746):** New options will be added for better control of printing letters, including:

- Associating multiple printers to a department/circulation desk. Delivery: [January 2019 release](#).
- Online print queues, which allows reports to be maintained on the platform. Delivery: Early access for NERS representatives in the June 2019 release.
- Automatic printing through the browser. This is an **additional development** that was not part of the original NERS enhancement. Delivery: Early access for NERS representatives in Q3 2019.



**NERS Enhancement (ID # 5659):** Resource Sharing requests will include an option to revert the request back to its prior request status.

Delivery: Early access for NERS representatives in the June 2019 release.

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## DARA

DARA (Data Analysis Recommendation Assistant) was introduced as part of the March release. It attracted wide attention and interest on the part of the Alma community.

Statistics show that for more than 300 institutions at least one recommendation was generated. ~72% of the recommendations were for loading SUSHI, and ~27% were recommendations for automating manual workflows. More than 100 of these recommendations were implemented.

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## Switching SAML Certificates

The original SAML Signed Certificate will expire in October. Replace the certificate for Alma and/or Primo VE, as determined by your institution's IT department. If replacing the certificate, this must be done in coordination with your IDP. For more information, please see [Replacing a Signed Certificate](#).

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## Upcoming Issues of Note

- In July, the GET bibliographic record API and the SRU API will return calculated summary information in the AVA field \$\$v instead of \$\$h.

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## Alma Statistics (as of April 1, 2019)

- We have more than 1.2 **billion** bibliographic records across all regions.
- Over 1.7 billion API calls in the last three months, with the following top three regions:
  - EU – 766+ million
  - APAC – 498+ million
  - NA – 444+ million
- More than 93 million loans across all regions.
- More than 6 million requests across all regions.

## Idea Exchange Statistics

- 76 ideas have a Planned status.
- 170 ideas have already been completed.
- Approximately 300 people interacted with Alma on Idea Exchange in the last 30 days.

## What's New Videos

- There are 950+ subscribers to Alma's [What's New Videos](#).
- The current top video, [Add SUSHI Account to Vendor via Search](#), has about 660 views.
- The [Improved Feedback Messages](#) video has about 570 views.
- The [Check Availability and Pricing at Select External Vendors](#) video has about 440 views.

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## Stay Tuned and Watch This Space!

**Ex Libris and the Alma Product Working Group** are in the process of testing a great new initiative for giving easy access to known issues in Alma. Plans are to release this to the wider Alma community in the coming months.

**The Alma Development team** is in the process of a major infrastructure update to a next generation business intelligence analytics tool. More details will be available soon.

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

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## Make the Most of April's Release

### Action Items

- [Portfolio Loader and Extended Export Group Settings](#) – Libraries using distributed access to Electronic Resources can now use the Portfolio Loader to set Available For group settings.

## Action Items

- [Additional ID for Hold Request Management](#) – You can now make use of an additional sequence based number to uniquely identify requests. The system generated additional ID may be added to your pick from shelf and hold shelf slips by configuring the slips' XSL. You can also add as a visible attribute of the request on the Pick From Shelf and Hold Shelf task lists.
- [Link Network Zone Users to Institution Zone Users](#) – This new job is recommended for institutions that share their user management in a single Network Zone managed list. The job runs routine health check procedures to verify the coherence and completeness of the consortial users network.

For information on Primo VE new release features, see the [Primo VE April 2019 Release Notes](#).

### Note

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## Make the Most of March's Release

### Action Items

- [OASIS Availability, Pricing, and Ordering](#) – You can now configure OASIS as a target for checking pricing and availability from within Alma. It is also possible to push a PO line from Alma into OASIS without leaving the Alma interface.
- [Managing Vendor Accounts at the Library Level](#) – With this release, it is possible to assign Vendor Account Manager roles, allowing the assigned operator to manage only vendor accounts. The role can be assigned at the scope of a specific library.
- [Include an Item Description in the Subject of the PO Line Claim Letter](#) – Claim letters can be enhanced to include more information about the claimed resource in the email subject.
- [Configure Images for Collection Discovery Lobby](#) – You can significantly improve showcasing their special collections by manually selecting high quality images to be displayed in Primo VE's collection discovery lobby.
- [XSL Indication Rules Added to Support Dublin Core](#) – If you are cataloging in Dublin Core, you can filter your Dublin Core records with the same advanced capabilities that are available for MARC records, using XSL indication rules.
- [General Electronic Service Availability Rules](#) – General electronic services that are displayed in the Get It tab can now be configured to appear only for specific libraries/locations or for specific item types.
- [Asynchronous BLDSS Requests](#) – It is now possible to use the BLDSS APIs for sending resource sharing requests to BLDSS without first running a successful locate.
- [Delete Completed Resource Sharing Requests](#) – With this release, you can set the system to remove old and completed resource sharing requests.
- [Perform Locate Based on Electronic Coverage](#) – Fulfilling article resource sharing requests with document delivery is easier now, with the option to set the system to display accurate electronic resource availability on the lender side, based on local coverage for the electronic resource.

For information on Primo VE new release features, see the [Primo VE March 2019 Release Notes](#).

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## Reading List Set Changes

In the February release notes, we announced that a significant infrastructure change will be applied to reading lists that will greatly improve the reading list search function. This change was initially announced in the March release notes, but there were issues with it and it has been removed from the March release. It will be reinstated in one of the upcoming releases.

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## General Publishing – Full Publishing Improvements and New Republish Action

As part of our continued efforts to improve performance and efficiency, we are implementing changes to the general publishing process. These changes will ensure that your publishing jobs will complete more quickly and within predictable timelines. The main effect of this improvement is that as of the April release, the General Publishing infrastructure will work in an incremental mode.

We recommend that you plan to test existing full publishing processes on your sandbox environments after the new function is released in April. Note the following:

- General publishing jobs that publish to an FTP server will have an option to include all records. This option will allow including the full set of records in the published FTP files. Existing FTP publishing profiles that were previously configured as full will have this option turned on by default.
- In cases where enriched information needs to be recalculated after enrichment configuration changes (such as a change in library name or update of normalization rules or enrichment options), records will not be republished with the new data. A new republish full index option will be available to force the records to be republished with the new data.
- OAI publishing profiles will always work in incremental mode and will also include deleted records. If the target to which you are publishing cannot process record deletions, you can use FTP publishing with the option to include all records described above. Another option is to use the new republish full index action to republish the whole set as new (this option will have the same result as the current full publishing mode).

---

### Note

The Content Operations release notes are now located [here](#).

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

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## Make the Most of February's Release

### Action Items

[Upload Electronic Holdings from Springer](#) – Does your institution subscribe to Springer electronic collections? You can now automatically manage your Springer electronic holdings subscription using the new Upload Electronic Holdings from Springer functionality.

[OCLC and Libraries Australia Symbol Handling](#) – The symbol mapping table for OCLC and Libraries Australia was expanded to include location, which enables you to group the publishing of specific collections based on their holdings and better reflect availability for these collections.

[Physical Item-Level General Electronic Services](#) – General Electronic Services (GES) can now be conditioned on item and holdings information—for example, you can show a service only if there is physical inventory in a specific library, with a specific material type.

[Perform Locate Based on Electronic Coverage](#) – You can now determine whether to optimize how Alma matches lending requests with your electronic inventory. If you've activated this feature, Alma suggests electronic inventory to fulfill a lending request only if the inventory's coverage matches the lending request's specific issue information.

For information on Primo VE new release features, see the [Primo VE February 2019 Release Notes](#).

---

## Reading List Set Changes

In the March release, a significant infrastructure change will be applied to reading lists. This change will greatly improve the reading list search function, for example, by allowing you to use facets for the list. All logical reading list sets that made use of the **Course Start Date** and **Course End Date** fields in their set definitions will be affected. Although you will be able to continue use your existing sets, it is recommended that you recreate your logical sets following the March release.

---

## Transport Layer Security (TLS) Support

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.

To avoid security vulnerabilities and to align with industry standards, Ex Libris is removing its support for TLS 1.0 and 1.1 in Alma, Leganto, and Primo. This will occur on all sandbox environments as of the March release (February 17th, 2019) and on all production environments as of the May release (May 5th, 2019). Effective May 6, 2019, Ex Libris will support only TLS 1.2 or later.

You can find additional information on TLS at:

- [https://en.wikipedia.org/wiki/Transport\\_Layer\\_Security](https://en.wikipedia.org/wiki/Transport_Layer_Security)
- <https://www.thesslstore.com/blog/apple-microsoft-google-disable-tls-1-0-tls-1-1/>
- <https://www.zdnet.com/article/chrome-edge-ie-firefox-and-safari-to-disable-tls-1-0-and-tls-1-1-in-2020/>
- <https://blog.mozilla.org/security/2018/10/15/removing-old-versions-of-tls/>

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### Note

The Content Operations release notes are now located [here](#).

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

---

## Make the Most of January's Release

### Action Items

- [Note Field Added to the Primo Purchase Request](#) – If you enable patrons to place purchase requests directly from Primo, you will be glad to know that you can now set up their request forms so they can add additional information in a note field on the Primo request form.
- [Delete Interested Users in Closed PO Lines](#) – You can now manage privacy concerns more efficiently by setting up Alma to detach interested users from PO lines that have been closed or canceled.
- [Support Streaming Video and Audio for Alma Viewer](#) – This major milestone will provide patrons with an advanced viewing experience whereby video or audio content can be streamed using adaptive bitrate streaming, and video files that can't be rendered by the browser to MPEG-4 can be converted.
- [Block File Download](#) – This feature will provide you with further flexibility in controlling access rights to your content by providing basic access to content, but without the ability to download or print.

## Action Items

[Support Excel as an Alma Digital Import Physical Source Format](#) – You are now provided with an additional efficient method for importing metadata for digital content into Alma.



**Idea Exchange:** [Display Logic Rule Enhancements](#) – Do you need to hide the CCC Get It Now services from patrons when any other full text service is available? Take advantage of the new display logic enhancements to create the following display logic rule: **Hide service** Full Text with Interface **with value** CCC Get It Now **if exists service** Full Text



**NERS Enhancement (ID #5746):** [Multiple Printers for Circulation Desks and Work Order Departments](#) – Circulation desks can now be easily set up with multiple printers. When connecting to the circulation desk, users are then able to choose the desk's printer that they would like to use.



**Idea Exchange:** [Process Type for Lost and Paid](#) – If you would like lost items to be removed from the patron loans list as soon as the full lost item charges are paid, you can now do so.

For information on Primo VE new release features, see the [Primo VE January 2019 Release Notes](#).

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## Publishing to PubMed – Changes to FTP Configuration

Last month we announced that as a result of discussions with PubMed and at PubMed's request, the publishing to PubMed process will be modified to use a default FTP configuration configured by Ex Libris in conjunction with PubMed. Although this change was carefully tested end to end by Ex Libris and PubMed, it will not take place with the January release as previously announced, but rather later in the year. As we get closer to its release, we will provide pre-release instructions in the monthly release notes.

---

## Widgets for Analytics Reports

Due to technical limitations, Ex Libris decided to block the option to configure out-of-the-box reports (in the Alma directory of the OBI) as Analytics object widgets as of the Alma February 2019 release. Analytics objects of type **Widget**, **Report**, and **Scheduled report** will need to be defined from the Analytics institutional directory and not from the Alma directory. For information on copying your out-of-the-box reports to your Analytics institutional directory, see the [Widgets for Analytics Reports](#) knowledge article.

---

## Transport Layer Security (TLS) Support

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.

To avoid security vulnerabilities and to align with industry standards, Ex Libris is removing its support for TLS 1.0 and 1.1 in

both Alma and Primo. This will occur on all sandbox environments as of the March release (February 17th, 2019) and on all production environments as of the May release (May 5th, 2019). Effective May 6, 2019, Ex Libris will support only TLS 1.2 or later.

You can find additional information on TLS at:

- [https://en.wikipedia.org/wiki/Transport\\_Layer\\_Security](https://en.wikipedia.org/wiki/Transport_Layer_Security)
- <https://www.thesslstore.com/blog/apple-microsoft-google-disable-tls-1-0-tls-1-1/>
- <https://www.zdnet.com/article/chrome-edge-ie-firefox-and-safari-to-disable-tls-1-0-and-tls-1-1-in-2020/>
- <https://blog.mozilla.org/security/2018/10/15/removing-old-versions-of-tls/>

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### Note

The Content Operations release notes are now located [here](#).

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## Main Features

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### 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.

Watch the [PO Line Reclaims](#) video (1:22 minutes).

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

---

## Top Trending Book Dashboard Widget

### December 2019 Resource Management

A new **Top Trending Book** dashboard widget presents a list of the top 10 physical and electronic books that have been added to library's collections within various Alma institutions (on average) as an indication of trends around the libraries. The widget can be fine-tuned in order to present specific classifications taken from the library of congress. In case one of the trending titles is part of your institution's collection, the widget will provide indication and direct you to it.

This widget is available for users whose institutions enable the option to contribute their library's inventory information using the [Selection and Collection Development](#) tool which is available within the Data Sharing Profile configuration page.

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

---

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

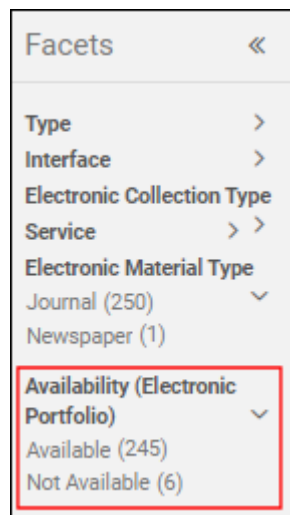
### December 2019 Resource Management



#### 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.

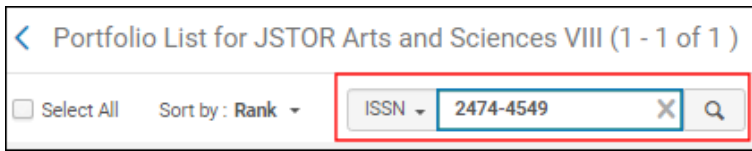


#### Availability (Electronic Portfolio)

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

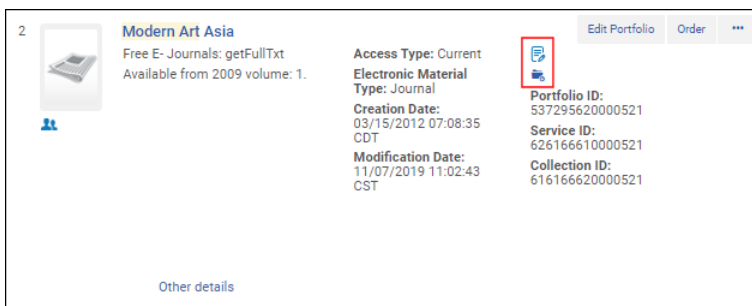
For portfolios that have notes (



) 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.)



### Notes and Related Portfolios Icons

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

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## 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.

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## 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 *lc*, 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.

The screenshot shows a 'File Details' form with a dropdown menu set to 'Folder' and the path 'EXLDEV1\_INST/upload/add\_rep/'. Below the dropdown are radio buttons for 'Folder' (selected) and 'Upload'. There are 'Add Files' and 'Start Over' buttons. At the bottom, there is a table header with columns: File Name, Label, Size, and Status. The table content is empty, showing 'No data available in table'.

### 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.

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Watch the [Loan Statistics in Physical Title Search Results](#) video (0:43 minutes).

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

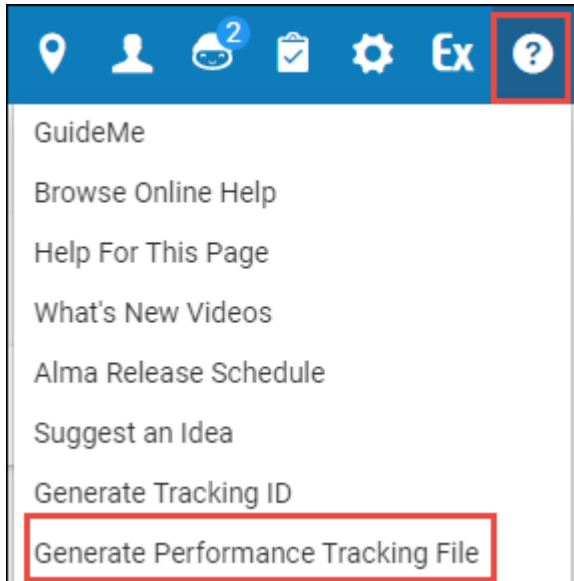
---

## 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

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## 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](#).

---

## DARA Now Identifies Highly Requested Titles

### November 2019 DARA

Using an Alma Analytics report, DARA can now identify highly requested titles in your institution. This allows you to take steps to reduce patron waiting time for these items, such as modifying their terms of use, moving them to a short loan location, and purchasing additional copies of the items.

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

---

## DARA Now Recommends Linking Local Electronic Portfolios to the Community Zone

### November 2019 DARA

DARA now identifies when you have local portfolios in your electronic collections that are available in the community zone and recommends that you link them. Linking to the community zone enables you to receive updates automatically, without the need to update the portfolios manually.

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

---

## Authority Contribution – Copy Option

### November 2019 Resource Management

For institutions that are authorized to contribute authority records to the Community Zone, there is a new Record View page action (Copy to Community) that enables you to easily copy an authority record to the MD Editor, edit and save it, and contribute the saved record to the Community Zone and an external authority system such as GND, BARE, or NLI. The Copy to Community action appears when you select a title to view from your Authorities search results on the Community tab. See [Copy to Community](#) for more information.

---

## Simplifying Authority Control Management

### November 2019 Resource Management

You now have greater control in determining when linking bibliographic records to authority records should be done and when linking should be skipped. Using the Link BIB Headings Rules, you have the flexibility to define in which cases linking upon save and automatic linking (as part of the link bibliographic headings job) is skipped for bibliographic headings. The process of managing the bibliographic headings records that appear in the Authority Control Task List as a result of the linking job can be streamlined by implementing tags to identify certain types of records. See [Authority Control Rules](#) for more information.

---

## Institution Zone and Network Zone included as Search Resources in Search Profile

### November 2019 Resource Management



#### **Idea Exchange SF: 00161580 00018897**

When using the Resource Management Search Resources option (previously Search External Resources), you can now include your Institution Zone and Network Zone (where applicable) in the search options. This is in addition to the

Community Zone and external resources that you have configured for your system. See [Configuring Search Profiles](#) and [Searching Resources](#) for more information.

Watch the [MD Editor: Search the Network Zone, for Copy Cataloging](#) video (5:38 minutes).

---

## Local Authority Management – Catalog Set / Filter Set Actions

**November 2019 Resource Management SF: 00473431**

For better management of local authority records, the following new options are now available:

- Catalog Set – A set of local authorities records can be opened in the MD Editor for cataloging.
- Filter Set – You can filter a set of local authority records using indication rules to create a subset of records with only the records that pass the indication rules conditions.

For more information, see the table [Actions Menu Options - Logical Set](#).

---

## ProQuest Ebook Central Integration – Group Setting

**November 2019 Resource Management SF: 00701011**

For institutions that manage distributed access to electronic resources, multiple integration profiles for ProQuest Ebook Central upload electronic holdings can be enabled in one institution, supporting institutions that have multiple ProQuest accounts. For more information, see [Group](#) parameter in the [Upload Electronic Holdings Section](#) table.

---

## Group Settings Logged in the History Tab

**November 2019 Resource Management SF: 00221312 00384629**

For institutions that manage distributed access to electronic resources, changes to settings on the Group Settings tab for electronic collections, electronic services, and electronic portfolios are now logged in the History tab. See the History tab information in the following tables: [Electronic Portfolio Editor Page](#) and [Electronic Collection Editor Tabs and Fields](#).

---

## New Link Resolver Service for Unpaywall Open Access Articles

**November 2019 Resource Management**



### Idea Exchange

There is a new link resolver service for Unpaywall Open Access articles. See [Using the OpenURL Link Resolver Electronic Services Page](#) and [enable\\_open\\_access\\_services\\_from\\_unpaywall\\_api](#) for more information.

---

## OpenID Connect

**November 2019 Resource Management**

Alma now supports OpenID Connect (OIDC) as a standard for user authentication. See [OpenID Connect](#) for more information.

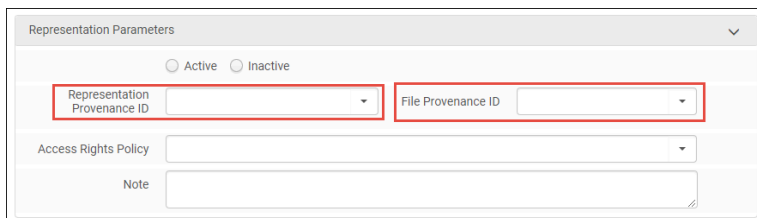
---

## Provenance ID Added to Digital Representations

### November 2019 Digital Resource Management

The Provenance ID field was added to digital representations. To support this feature, the following enhancements were made:

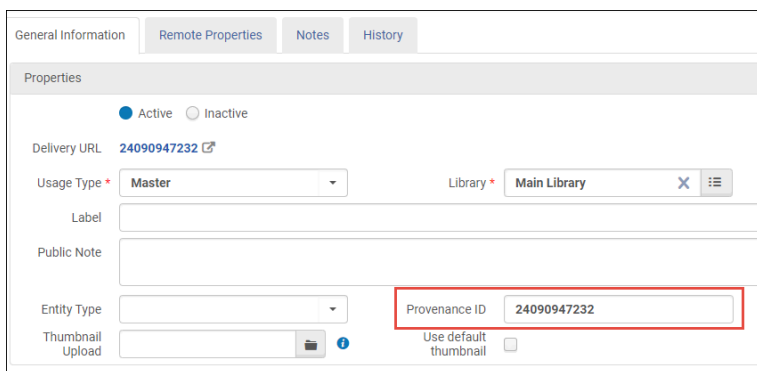
- The **Representation Provenance ID** and **File Provenance ID** fields were added to the Representation parameters section for the Remote Representation Migration job.



The screenshot shows the 'Representation Parameters' form. At the top, there are radio buttons for 'Active' and 'Inactive'. Below that, there are two dropdown menus: 'Representation Provenance ID' and 'File Provenance ID', both of which are highlighted with red boxes. Below these are fields for 'Access Rights Policy' and a 'Note' field.

#### Representation Provenance ID and File Provenance ID

- The **Provenance ID** field is available when viewing representations that were migrated from a remote repository:



The screenshot shows the 'Remote Properties' tab of a representation. The 'Provenance ID' field is highlighted with a red box and contains the value '24090947232'. Other fields include 'Delivery URL' (24090947232), 'Usage Type' (Master), 'Library' (Main Library), 'Label', 'Public Note', 'Entity Type', and 'Thumbnail Upload'.

#### Provenance ID

- The **Provenance ID** field is now searchable in the Advanced Search on the representation and file levels.

---

## New Add Titles to Collection and Remove Titles from Collection Jobs

### November 2019 Digital Resource Management

The new **Add Titles to Collection** and **Remove Titles from Collection** jobs are now available. You can use these jobs to add and remove a set of titles to and from a collection. For more information, see [Running Manual Jobs on Defined Sets](#).

---

## Email Delay Option

### November 2019 Fulfillment



#### Idea Exchange

You can now add a **Delay for hold notification (minutes)** on either the **Circulation Desk - General Information** or **Library Details** pages. When a hold notification is set to be sent to a patron, Alma waits for the delay to complete, then checks to see if the request is still active and if so, sends the hold notification to the patron. If the value is populated for both the circulation desk and the library, the value in the circulation desk is used.

For more information, see [Editing a Library](#) and [Adding a Circulation Desk](#).

---

## Add Bulk Actions to Reading Room Loans

### November 2019 Fulfillment

When in the Active Hold Shelf of a reading room location, the **Held by Patron** and **On Shelf (not final)** tabs now include an option to select multiple items and then select either **Receive from Patron** or **Loan to Patron**.

Additionally, **Requester Email**, **Requester Name** and **Item Barcode** are now available as search options on those tabs.

For more information, see [Managing Active Hold Shelf Items](#).

---

## Restrict Requests by Patron's Campus

### November 2019 Fulfillment



#### Idea Exchange

Request, loan and booking fulfillment unit rules now have the option to define a rule that applies only to patrons of a given campus to enable limiting resources to students of the same campus only. The Patron Affiliated Campus rule appears in the input parameters of the Fulfillment Unit Rules Editor.

For more information, see [Editing a Fulfillment Unit](#).

---

## Sort Options on Resource Sharing Requests Task Lists

### November 2019 Fulfillment - Resource Sharing



#### Idea Exchange

You can now sort the resource sharing task lists, either ascending or descending by title, creation date, update date, or last interest date.

---

## Push Requests to ILLiad

### November 2019 Fulfillment - Resource Sharing

Alma can now create borrowing requests in ILLiad via the **Create a transaction request** API. To configure the partner for this, create or edit a resource sharing partner with the **Profile Type** of NCIP and a **System Type** of ILLiad. The **Export to Third Party** section of the **Parameters** tab now includes:

- The **Export to third party** field, including options to not export (**No**), export **Using email** and export **Using API**.
- When **Using API** is selected, an **API key** field is available. Populate this value with an API key that is supplied by ILLiad.
- When **Using API** is selected, a **URL** field is available. Populate this value with a URL that is supplied by ILLiad.
- The **Export request ID name tag** field to be used to send the Alma generated external request ID to ILLiad. ILLiad will use this request ID for further NCIP communications with Alma. Using this option allows you to continue receiving updates using NCIP and update the request. The value of this tag must be coordinated with ILLiad. Enter the name of the tag to populate with the external request ID.

- Select the **Close request when exported** to close the resource sharing request when exporting it to ILLiad.

For more information, see [ILLiad Parameters](#).

Watch the [Push Borrowing Requests to ILLiad](#) video (5:38 minutes).

---

## Push Borrowing Requests to RapidILL

### November 2019 Fulfillment - Resource Sharing

Alma can now automatically create borrowing requests in RapidILL using the **InsertRequest** RapidILL API.

You can configure a dedicated RapidILL partner. When the partner is configured, Alma automatically exports borrowing requests that have been assigned to the RapidILL partner, and creates an equivalent **borrowing** request in RapidILL. The Alma request is automatically closed with a status of **Exported to Third Party**. The request is then managed in the RapidILL system. The export action takes place when the **Send** action is triggered (manually or automatically) for the request with the active RapidILL partner.

If the request cannot be fulfilled by RapidILL, such as if the requested resource is not available for lending in RapidILL, the **Send** action is rejected and the request automatically moves on to the next partner on the rota. If there are no other partners that can fulfill the request, it is canceled.

This allows you to set RapidILL as a partner in the rota, so that all requests are automatically exported for fulfillment via RapidILL, unless the request cannot be fulfilled by RapidILL.

To configure the partner, create a resource sharing partner with the Profile Type of RapidILL. On the **Parameters** tab of the partner, the following fields are mandatory:

- URL - defaults to <https://rapid2.library.colostate.edu/rapid5api/apiservice.asmx>, which is the RapidILL production server. The test server is accessible at <https://rapid-dev.acns.colostate.edu/rapid5api/apiservice.asmx>.
- User Name
- Password
- Requesting Rapid Code
- Requesting Branch Name - if your institution has multiple RapidILL branches, each branch needs a different partner.

The values for configuring these fields are supplied by RapidILL.

Optional fields:

- Send requester information - Whether requester information is included in the API.
- Supports ADD address (disabled by default): Determines whether alternative email/address entered by patron are sent in the API. This defines whether the RapidILL request will send the resource to the requesting library email or to the patron email.

When the request is exported to RapidILL, it will be closed in Alma with a status of 'Exported to Third Party'. Its lifecycle is expected to be further managed directly in RapidILL.

For more information, see [RapidILL Parameters](#).

---

## Create Purchase Requests from Borrowing Requests

### November 2019 Fulfillment - Resource Sharing / Acquisitions

On the Resource Sharing Borrowing Requests Task List, you can now:

- Terminate an active request (cancelling current supplier) and use the request information for creating a purchase request.
- Use the request information for creating a purchase request without cancelling the existing borrowing request.

These actions are available for all requests, including requests that are already completed.

For Fulfillment Services Operators and Fulfillment Services Manager roles, a new action is available from the row action menu, **Purchase Request**. The privilege for this role is enabled by default for customers who go live starting with the November release. For existing customers, please contact Ex Libris customer support to have the privilege enabled.

When clicking the row action menu, if the request is inactive, you are taken directly to a purchase request form. If the borrowing request is active, a window is displayed to select whether to cancel the borrowing request or keep the borrowing request active alongside the purchase request.

- If resource sharing request was canceled, the **Requester** field of the purchase request is populated with the requester from the original borrowing resource sharing request.
- If resource sharing request was inactive or kept active, the **Requester** field of the purchase request is populated with the user ID of the current user.

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

Watch the [Create Purchase Requests from Borrowing Requests](#) video (5:38 minutes).

---

## APIs to Support ISO 18626 Partners

### November 2019 Release Update Fulfillment

It is now possible to configure resource sharing partners of type ISO 18626 via the API .

See [Resource Sharing Partners](#) on the Developer Network.

---

## New Purchase Requests Dashboard and Reports

### November 2019 Analytics

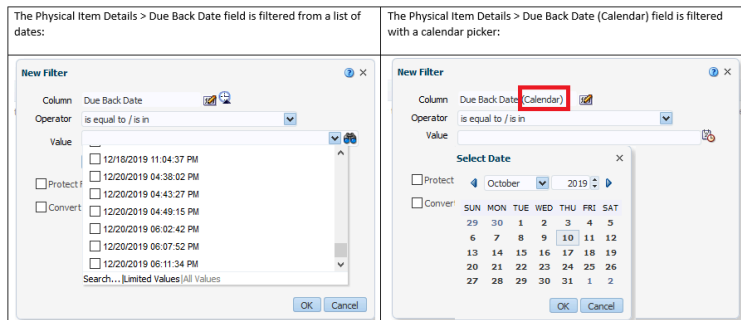
A new out-of-the-box dashboard and several out-of-the-box reports were added for the Purchase Requests subject area. For a list of the reports, see [Out-of-the-Box Reports](#). For more information, see [Purchase Requests in Alma Analytics](#).

---

## Date Fields Added with Calendar Picker

### November 2019 Analytics

For date fields that include both date and time, an additional field was added with only the date with `(Calendar)` in the field name. This enables a Calendar Picker to be used when manually filtering by a date. For example, in the Physical Items subject area:



## Calendar Picker

---

## Title (Complete) Added to Bibliographic Details

### November 2019 Analytics



#### Idea Exchange

The **Title (Complete)** field was added to the shared Bibliographic Details dimension in every subject area in which it appears. It includes the information from MARC field 245, subfields \$p, \$n, \$s, \$k, \$f, \$g.

---

## COUNTER Release 5 in Usage Data Subject Area

### November 2019 Analytics

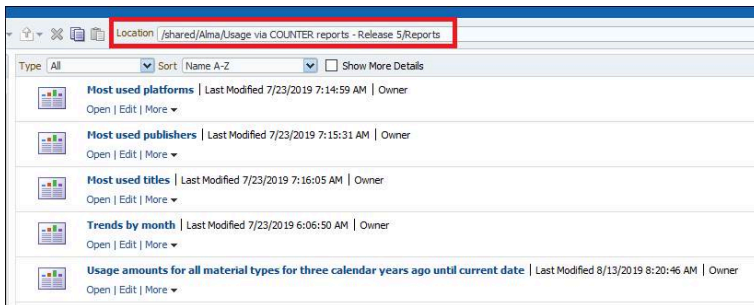
The Usage Via COUNTER Reports - Release 5 dashboard and reports are now available in Alma Analytics. To support this new development, the following enhancements were implemented:

- An entire new folder called **Usage Data Details - Release 5** with over 60 new measures was added. For more information, see [Usage Data Details - Release 5](#).



### Usage Data Details - Release 5 Folder

- A new folder of default reports and dashboard under Shared/Alma/Usage via COUNTER reports - Release 5 was added. For more information, see [Out-of-the-Box Reports](#).



### Usage via COUNTER Reports - Release 5 Reports

## Enhancing Select Fulfillment Jobs' Performance

### November 2019 Administration and Infrastructure / Fulfillment

Performance has been enhanced for the following fulfillment jobs:

- Cancel physical titles requests
- Cancel physical items requests
- Change loan to claimed returned

- Close lost loans
- Create physical item work orders

## Alma Letter Configuration

### November 2019 Administration and Infrastructure

The following letter configuration links have been removed from the **General Configuration** menu:

- Letter emails
- Letter Activity
- Letter Retention
- Notification Template
- XML To Letter Admin
- Customize Letters

The information that was previously available in these links can now be accessed from the Letters Configuration or Components Configuration pages in the Letters section of the General Configuration menu.

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

## Languages in Letter Preview

### November 2019 Administration and Infrastructure

The Letter Preview window that is available from the Letter Details page now includes a drop-down box for languages to preview the letter in the selected language. The list includes the configured languages for your system.

The screenshot shows a 'Letter Preview' window. At the top, there is a 'Send Example by Email' field and a 'Send' button. Below that is a 'Filter' dropdown menu set to 'Italian'. The main content area displays a preview of an email from ExLibris. The text in the preview is in Italian and reads: 'Siamo spiacenti di informare che la tua copia di richiesta ILL (Condivisione risorse) è in ritardo. Data di scadenza originale: . TI invitiamo a restituirsi la copia il prima possibile. Informazioni richiesta: ID richiesta: Titolo: Autore: Data richiesta: Richiesto entro il: Data fornita: Cordiali saluti'. At the bottom left of the preview area is a 'Download XML' button, and at the bottom right of the window is a 'Done' button.

### Letter Preview

The information that was previously available in these links can now be accessed from the Letters Configuration or Components Configuration pages in the Letters section of the General Configuration menu.

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

---

## Letter Name and Description Translated in Letter Configuration

### November 2019 Administration and Infrastructure

The Letter Configuration page now shows the Letter and Description columns in the user's language.

---

## Self-Check Patron ID Automatic Identification Rules

### November 2019 Administration and Infrastructure / Collaborative Networks SF: 00696703

A new field is now available on the Self Check Integration Profile. When the **Allow Fulfillment Network Users (supported for fully unique identifiers only)** field is set to **Yes** and the **network\_users\_unique\_identifiers** parameter is set to **Full**, Alma searches for the user locally, then in fulfillment network members. The search stops when a match is found and the linked account is created automatically. When the **network\_users\_unique\_identifiers** parameter is set to **None**, or the **Allow Fulfillment Network Users (supported for fully unique identifiers only)** field is set to **No**, Alma searches only local users in response to SIP2 messages.

The Create User Loan API now includes the same functionality, with the new **generate\_linked\_user** parameter. When the parameter is set to **Y** and the **network\_users\_unique\_identifiers** parameter is set to **Full**, Alma searches for the user locally, then in fulfillment network members. The search stops when a match is found and the linked account is created automatically.

For more information, see [Self-Check Machines](#).

---

## Transport Layer Security (TLS) Support

### November 2019

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 release notes earlier this year, to avoid security vulnerabilities and to align with industry standards, Ex Libris is removing its support for TLS 1.0 and 1.1 in Alma production environments and will support only TLS 1.2 or later. The rollout which was communicated began on some environments in May and will be concluded in December 2019.

You can find additional information on TLS at:

- [Transport Security Layer \(TLS\) Support](#)
  - [https://en.wikipedia.org/wiki/Transport\\_Layer\\_Security](https://en.wikipedia.org/wiki/Transport_Layer_Security)
  - <https://www.thesslstore.com/blog/apple-microsoft-google-disable-tls-1-0-tls-1-1/>
  - <https://www.zdnet.com/article/chrome-edge-ie-firefox-and-safari-to-disable-tls-1-0-and-tls-1-1-in-2020>
  - <https://blog.mozilla.org/security/2018/10/15/removing-old-versions-of-tls/>
- 

## DARA Now Suggests Recommendations to Configure Integration Profiles to Upload Electronic Holdings

### September 2019 DARA

DARA can now determine if you have electronic collections that were not uploaded with an integration profile from vendors that support automatic upload of electronic holdings. DARA recommends that you configure the integration profile, for

supported vendors. One recommendation is produced for each supported vendor.

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

---

## New Option in Data Sharing Profile

### September 2019 Acquisitions

The Data Sharing Profile now has a new option, **Selection and Collection Development**, that enables you to include your anonymized inventory information together with similar data from other participating institutions to enable the development of new, robust analytical features related to Selection and Collection Development, which can then be used to add additional value to Alma and the community. For more information, see [Data Sharing Profile](#).

---

## IDs and Other Information in Search Results

### September 2019 Resource Management

Various IDs are now being displayed in the search results. See the table below for details.

Type of Search Results Page	ID Added
Physical Items	Item ID
Physical Items	Holdings ID
Electronic Collection	(Electronic) Collection ID
Electronic Portfolios	Portfolio ID
Electronic Portfolios	Service ID
Electronic Portfolios	(Electronic) Collection ID
Digital Files	File ID
Digital Files	Representation ID
Collection	Collection ID
Authorities	MMS ID

Also added to the search results display is the creation and modification date information similar to what was previously displayed for electronic collection search results. These dates are formatted on the display according to your date configuration settings and are included as separate columns of information when you export search results to Excel.

For the various titles search results pages, the MMS ID now appears by default.

See [Example Repository Search Results](#) for more information.

---

## Number of Requests

### September 2019 Resource Management

For titles that have items where the Enumeration A and Chronology I are empty, the number of requests now appear on the holdings level; and for titles that have items with Enumeration A and Chronology I, the number of requests now appear on

the item level. See [Held By Details](#) and [Working with the List of Items](#) for more information.

---

## Linking Refinement

### September 2019 Resource Management

For all institutions that use Names and Subjects authority priorities, a record that is linked to a lower priority vocabulary can now be re-evaluated during the **Authorities - Link BIB Headings** job run to be linked to a higher priority vocabulary. See [Enabled Linking Refinements](#) for more information.

---

## ETD-MS Format Now Supported

### September 2019 Digital Resource Management SF: 00695765

The ETD-MS metadata schema is now supported in Alma, enabling you to deposit, catalog, publish, and deliver digital content cataloged in ETD-MS.

ETD-MS is available in the following locations in Alma:

- In the **Record Format** field, when adding a representation ([Resources > Add Digital Representation](#)).
- In the **Source Format** and **Target Format** fields, when configuring import profiles ([Resources > Manage Import Profiles](#)).
- In the **Output Format** field, when configuring a Publishing Profile ([Resources > Publishing Profiles](#)).
- In the **Bibliographic record formats to include** field, when running the Export Digital Titles job ([Admin > Run a Job](#)).

---

## Group Digital Files by Subfield 8 Linking Number When Importing Digital Records

### September 2019 Digital Resource Management

When importing digital MARC bibliographic records, you can now group the digital files into representations by the 856 \$8 linking number. To support this feature, the new **Subfield \$8 Linking Number** option was added to the **Group files by** field when creating a digital import profile.

The screenshot shows the 'Import Profile Details' form. At the top, there are navigation buttons: '<', '1', '2', '3', '4', '5', 'Cancel', 'Save Draft', 'Back', and 'Save'. The form is divided into sections: 'General Profile' (Profile Type: Digital), 'Bibliographic Record Level' (Default Collection), and 'Representation Details'. In the 'Representation Details' section, the 'Group files by' dropdown is highlighted with a red box and set to 'Subfield \$8 Linking Num'. Other options include 'Active' (selected) and 'Inactive', 'Usage Type' (Master), 'Library', 'Value', 'Extract access rights from field', 'Extract label from field', 'Extract note from field', 'Extract public note from field', and 'Default access rights policy'. There is an 'Add Representation' button at the bottom right.

### Subfield \$8 Linking Number

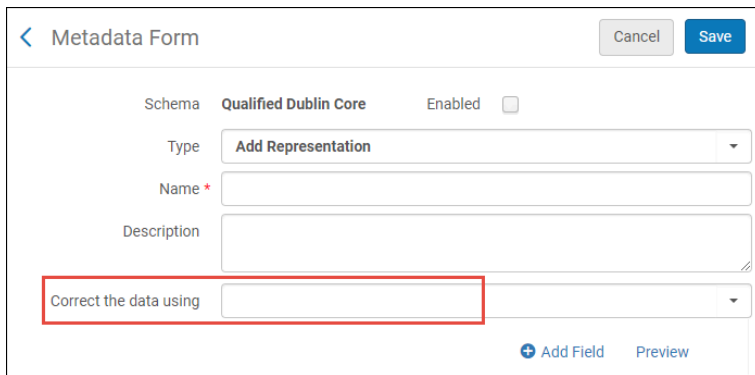
---

## Forms Now Support Normalization Processes

### September 2019 Digital Resource Management

You can now associate a metadata form with a normalization process like you can with digital import profiles. To support

this feature the **Correct the data using** field was added to the Form fields.



### Correct the Data Using

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

---

## Manage Letter Examples

### September 2019 Fulfillment



#### NERS Enhancement (ID #5730)

The **Letter Examples** tab of the Letter Configuration page now supports the ability to browse latest server side examples and download/add to examples list. These examples are subject to the retention policy of the institution. The XML files saved in the system will be retained for 7 days and will be removed by the weekly cleanup job. The XML examples added to the XML list from the system are persistent and will not be cleaned by the weekly job. Any identifying information should be removed from these examples.

See [Testing Letter Output and Viewing the Source XML](#).

Watch the [Configuring Letters in Alma](#) video (5:38 minutes).

---

## Ship Digital Content

### September 2019 Fulfillment - Resource Sharing



#### Idea Exchange

It is now possible to ship digital content as part of a lender's document delivery service, without having to trigger a digitization workflow first.

A new action, **Ship Item Digitally**, is available on the lending request task list. It is available whenever the **Ship Item** action is also visible. This allows you to add files to the lending request that are already in your possession (i.e. have not been created as part of a digitization workflow). Once the files are uploaded and the page saved, the request is changed either to **Shipped Digitally** or **Request Completed** depending on whether the **Complete the request** check box is selected on the Shipping Digitally page.

On the Manage Fulfillment Options page (Digital Services section), it is now possible to ship digital resources that are

managed in Alma, regardless of whether the digital content is stored remotely (using a Remote Representation) or locally on Alma. The prior **Document Delivery** action is replaced with three new actions, **View**, **View Files** (if the representation is not a remote representation), and **Deliver**. Using the View action allows to view the digital representation. If the representation is a Remote Representation, it also allows to use a Ship action to ship the digital content. Using View Files action allows to choose which file to ship, if they are stored locally on Alma. The Deliver action allows to view the files.

See [Managing Resource Sharing Lending Requests](#).

---

## Online Print Queue

### September 2019 Administration and Infrastructure



#### NERS Enhancement (ID #5746)

You can now send letters to an online print queue for later printing, and print aggregation.

For more information, see [Printouts Queue](#).

---

## Quick Printing

### September 2019 Administration and Infrastructure



#### NERS Enhancement (ID #5746)

Quick Printing allows you to dictate that all printouts going to a specific printer should automatically print. When using quick printing, the printing window immediately displays when the letter is generated.

For more information, see [Quick Printing](#).

---

## Visibility of Operator Information in History Tabs

### September 2019 Administration and Infrastructure

A new privilege, **View Operator Details**, now allows you to restrict who can view Alma users' details in any of the **History** tabs (and some other pages) across the system. By default, there is no change to the existing functionality. You can turn on a default set of restrictions using the new page, **Manage Operator Details Visibility**. For more information, see [Configuring Users' Ability to View Operator Details](#). For more granular control of which users can view operator details, contact Ex Libris customer support.

- Operator information in all pages only appears to managers and administrators; regular operators cannot see this information.
- By default, all managers and operators can view operator information on any page that contains this information (assuming that they can see the page). You can configure Alma such that only managers or administrators relevant to specific areas of Alma can view operator information on the pages that appear in these areas. For example, a user who is an Invoice Manager (but no other manager or administrator) can view operator details in all acquisitions areas, but not in fulfillment or user management areas.
- New privileges **VIEW\_OPERATOR\_DETAILS\_ACQ**, **VIEW\_OPERATOR\_DETAILS\_FULFILLMENT**, **VIEW\_OPERATOR\_DETAILS\_REPOSITORY**, and **VIEW\_OPERATOR\_DETAILS\_USER\_MANAGEMENT** were added to (ACQ) Acquisitions Administrator, Fiscal Period Manager, Fund Manager, Invoice Manager, Ledger Manager, License Manager, Purchase Request Manager, Purchasing Manager, Trial Manager, Vendor Account Manager,

Vendor Manager, (FUL) Fulfillment Administrator, Circulation Desk Manager, Course Reserves Manager, Fulfillment Services Manager, Resource Sharing Partners Manager, (RES) Catalog Administrator, Catalog Manager, Deposit Manager, Repository Administrator, Repository Manager, (UM) User Administrator, User Manager. All of these privileges are on, by default, for all of these roles. When you configure restricted access to operator details, the non-relevant privileges are turned off for the relevant roles.

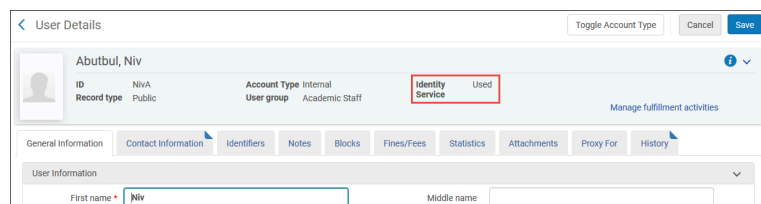
- The **Audit** tab was changed to the **History** tab on the Resource Sharing Borrowing Requests and Resource Sharing Lending Requests Task List pages.

---

## User Passwords in the Identity Service

### September 2019 Administration and Infrastructure

The Ex Libris Identity Service now includes an indication for users that have a password stored within the Identity Service. The **Identity Service** field appears at the top of the Manage Users page.



#### User Details Page

For more information, see [Editing Users](#).

---

## SAML User Creation

### September 2019 Administration and Infrastructure



#### Idea Exchange

You can now create an Alma user when a user is authenticated with SAML but does not have an existing Alma user. This eliminates the need to create user accounts in advance from a SIS or FTP file download. This option is supported for Primo VE.

For more information, see [SAML-Based Single Sign-on/Sign-Off](#).

---

## Display of All 035 \$a Contents in Search Results

### August 2019 Resource Management



#### Idea Exchange

The **All titles**, **Physical titles**, **Electronic titles**, and **Digital titles** repository search results now display all 035 \$a content. This is handled as part of the existing **Record number** search results and the new multiple values icon (



). When you select the multiple values icon, all 035 \$a content appears listed in the same order as presented in the MD Editor. The values that appear can be copied for copy/paste actions and can be exported using the **Export list** icon. When multiple values are exported to Excel, they are concatenated and delimited by a semicolon. See [Record List Fields with](#)

[Multiple Values](#) for more information.

---

## Expanded Resource Description

### August 2019 Resource Management



#### Idea Exchange

The resource description in the headings information for the Record View, List of Items, List of Holdings, the Physical Item Editor, and single holdings was expanded. Also, the resource description was expanded in the MD Editor holdings record header. The resource description now includes the a, n, p, h, b, f, g, k, and s subfields of the MARC 21 / KORMARC 245 field and the a through i subfields of the UNIMARC 200 field. See below for some examples.

245 1 0 \$\$a Organic farming : \$\$b everything you need to know / \$\$c by Peter Fossel. \$\$p Minnesota

MMS ID	225764710000541
Suppress from publishing	No
Brief level	-
Record format	marc21_holding

Location Main Library: Stacks; S605.5 .F66 2007

[View all holdings](#)

Holdings	Main Library: Stacks; S605.5 .F66 2007
Holdings ID	225764710000541
Barcode	14606975
Item ID	235764700000541
Process type	-
Status	Item in place

---

## Publishing Additional Fields to Primo from the Authority Record

### August 2019 Resource Management

For Institution Zone and Network Zone publishing to Primo, you can now configure your publishing profile to enrich the published record with any field from the authority record that the bibliographic record is linked to. See [Publishing to Primo](#) for more information.

---

## Upon Import - Restrict Creation of the Electronic Inventory For New Bibliographic Records

### August 2019 Resource Management

When importing bibliographic records, and choosing to create electronic inventory, a new option is available that enables you to create electronic inventory only for the new bibliographic records. When you enable this option, Alma does not create electronic inventory for existing bibliographic records. See [Create inventory only for new bibliographic records](#) for

more information.

---

## Number of Requests

### August 2019 Resource Management

The number of requests now appear 1) on the Holdings tab on the 'Held By' Details page for monographs and 2) in a new column on the List of Items page for serials. See [Held By Details](#) and [Working with the List of Items](#) for more information.

---

## UNIMARC / CNMARC Repository Search Results Display

### August 2019 Resource Management SF: 00629205

Formatting the subject content in the repository search results for the UNIMARC / CNMARC 600 \$a and \$b was changed. Since these fields contain first name and family name, the content now appears in search results as one subject entity, instead of two subject entities. See an example of this change below. Note that this change requires a reindexing to be fully implemented. Contact Ex Libris support if you are interested in this change before the next scheduled reindexing.

A l'ombre d'un grand coeur : souvenirs d'une collaboration / Alfred Bruneau ; présentation de Jean-Claude Le Blond-Zola  
Book (Book - Physical) By Bruneau, Alfred (Paris ; Genève : Slatkine, 1980, Language: French MMS ID: 991086274669704116  
cog. 1980) ISBN: 2-05-000153-3  
Subject: Zola, Émile -- 1840-1902 -- Amis et relations Record number: (PPN)025957538  
Series: Collection Ressources, 66 Update Date: 12/10/2018

Physical (1) Electronic Digital Other details

---

## MARC 21 Authority Metadata Configuration

### August 2019 Resource Management

The following changes were made to the configuration for MARC 21 Authority (**Configuration Menu > Resources > Cataloging > Metadata Configuration > MARC21 Authority**):

- 008 field – In position 9, the | value (No attempt to code) was added.
- LDR field – Position 18 and 19 and now defined separately. Position 18 is described as **Punctuation policy** and position 19 is described as **Undefined**.

---

## Browse Shelf Listing

### August 2019 Resource Management

In the Browse Shelf Listing's Call Number Level drop-down list of options, the **Alternative call number** option was changed to **Item call number**. This change also appears in the Level column of the Browse Shelf Listing's results.

Call Number	Description	Library/Location	Level
330 1	Da reattivi a creativi : come organizzare una learning organization / Pier Mario Vello . Milano : Angeli . c1995 [88-204-8181-8]	GRAD/fortang	Item call number

---

## COUNTER Platform

### August 2019 Resource Management

To improve cost-per-use reporting in Analytics for COUNTER reports, a new COUNTER Platform feature was implemented in the following areas of Alma: Electronic Collection Editor, Electronic Portfolio Editor, Repository Search Results, Search

Configuration, Add Local Electronic Collection, Add Local Portfolio, and Electronic Service Editor. With this feature, you can specify a specific platform for electronic collections and/or electronic portfolios for Alma Analytics usage data and cost-per-use reports. The purpose of this feature is to address the issue that arises where, as a result of the same resource appearing in different COUNTER reports for different platforms, multiple platforms appear in the usage data and cost-per-use reports as shown in the following examples:

Title	Platform	Cost	Usage JR 1	Cost Per Use	Fund Fiscal Period	Description
Marketing to women.	GOLD	4.46	3.00	1.49	08/31/2017 - 08/30/2018	
Psychology of women quarterly	SAGE Journals; Wiley Online Library	160.39	180.00	0.89	08/31/2017 - 08/30/2018	

Display Title	Usage Date	Year	Load File Id	Load File Upload Date	Platform	JR1 - Journal Usage Counter (total)
Marketing to Women: Addressing Women and Womens Sensibili...	2018	2234241682230001421	1/7/2019 6:16:52 PM	GOLD	2	
Psychology of Women Quarterly	2018	2230594433570001421	2/3/2018 9:15:56 AM	SAGE Journals	6	
	2018	2230724465430001421	2/14/2018 6:40:30 PM	Wiley Online Library	1	
	2018	223082823330001421	3/3/2018 9:22:52 AM	SAGE Journals	22	
	2018	2231241689510001421	4/7/2018 8:24:41 PM	SAGE Journals	18	
	2018	2231509459280001421	5/5/2018 2:43:39 PM	SAGE Journals	37	
	2018	2231762064420001421	6/2/2018 8:28:01 AM	Wiley Online Library	4	
	2018	223176247970001421	6/2/2018 8:43:49 AM	SAGE Journals	6	
	2018	223230701420001421	7/7/2018 8:30:14 AM	SAGE Journals	1	
	2018	2232619273330001421	8/4/2018 8:23:43 AM	Wiley Online Library	0	
	2018	223261938770001421	8/4/2018 8:46:41 AM	SAGE Journals	1	
	2018	223295886540001421	9/8/2018 10:47:33 AM	SAGE Journals	4	
	2018	2233333744990001421	10/6/2018 8:38:20 AM	SAGE Journals	21	
	2018	2233809223970001421	11/19/2018 8:02:05 PM	Wiley Online Library	1	

See the following for more information:

- [COUNTER Platform](#) (Electronic Collection Editor / [Adding a Local Electronic Collection](#))
- [Electronic collection COUNTER Platform](#) (Electronic Portfolio Editor)
- [COUNTER Platform](#) (Electronic Portfolio Editor)
- [iepa\\_counterPlatform](#) and [portfolio\\_counterPlatform](#) (Search Index)
- [Portfolio Loader](#)

Note that the functionality related to repository search indexes depends on the completion of the July / August semiannual indexing job.

## Publishing Information

### August 2019 Resource Management

There is a new option under Resources (**Resources > Publishing > Publishing Information**) for accessing the information that is published by the following types of publishing jobs: General Publishing, Primo, Summon, OCLC, Primo Central, Summon Central, Libraries Australia, and Google Scholar. Enter a resource ID, such as a title ID, to view the details of what was published for that entity. For more information, see [Publishing Information](#).

## Physical Material Type Descriptions

### August 2019 Resource Management

There are new physical material type descriptions that you can configure to appear in the Physical Item Editor. The new physical material type descriptions are:

- Standard record, shellac record = An old-style 78rpm record made of a molding material that we now call a thermoplastic in which shellac was greatly extended by assorted neutral filler materials, among them the carbon black which gives the black look to most records.
- Vertical-cut disc, Path? record = The vertical cut recording process is an early method of audio recording by which a stylus cuts a vertical groove into a phonograph record. This is in contrast to the lateral recording system which uses a stylus that cuts side-to-side across a record.
- Cardboard record, flexi disc = A cardboard record was a type of cheaply made phonograph record made of plastic-coated thin paperboard. These discs were usually small, had poor audio quality compared to vinyl or acetate discs, and

were often only marginally playable due to their light weight, slick surface, and tendency to warp like a taco shell.

- **Magnetic tape** = Magnetic tape is a medium for magnetic recording, made of a thin, magnetizable coating on a long, narrow strip of plastic film. It was developed in Germany in 1928, based on magnetic wire recording. Devices that record and play back audio and video using magnetic tape are tape recorders and video tape recorders respectively.
- **Piano roll** = A piano roll is a music storage medium used to operate a player piano, piano player or reproducing piano. A piano roll is a continuous roll of paper with perforations (holes) punched into it. The perforations represent note control data. The roll moves over a reading system known as a 'tracker bar' and the playing cycle for each musical note is triggered when a perforation crosses the bar and is read.
- **Phonograph cylinder** = Phonograph cylinders are the earliest commercial medium for recording and reproducing sound. Commonly known simply as "records" in their era of greatest popularity (c. 1896–1915), these hollow cylindrical objects have an audio recording engraved on the outside surface, which can be reproduced when they are played on a mechanical cylinder phonograph.

By default, these are not enabled. To enable them, see [Configuring Physical Item Material Type Descriptions](#).

---

## My Electronic Resources by Provider

### August 2019 Resource Management

The My Electronic Resources by Provider feature gives you the ability to easily view your subscriptions with providers and their availability status in Alma. With it, you can also activate any resources that you subscribe to but have not activated. See [My Electronic Resources by Provider](#) for more information.

My Electronic Resources by Provider initially provides your subscription status with the ProQuest platform (including the Government platform, History Vault and Statistical products excluding Alexander Street products, and Book products). This capability will be expanded to additional providers based on their ability to provide the subscriptions information per customer.

---

## MODS Metadata Schema Now Supported

### August 2019 Digital Resource Management

The MODS metadata schema is now supported in Alma, enabling you to deposit, catalog, publish, and deliver digital content cataloged in MODS. Note that to have this schema available, you must submit a request to Ex Libris support.

MODS is available in the following locations in Alma:

- In the new MD Editor for MODS.
- In the **Record Format** field, when adding a representation ([Resources > Add Digital Representation](#)).
- In the **Source Format** field, when configuring import profiles ([Resources > Manage Import Profiles](#)).
- In the **Output Format** field, when configuring a Publishing Profile ([Resources > Publishing Profiles](#)).
- In the **Bibliographic record formats to include field**, when running the Export Digital Titles job ([Admin > Run a Job](#)).

---

## Using the Circulation Desk IP for RFID Integrations

### August 2019 Fulfillment

When adding/editing an RFID integration profile, you can now add IP configuration if **Other** is selected in the **System** field. A new check box, **Item Information Update**, is also available to indicate whether the vendor writes to the tag or only updates the security bit. When **Item Information Update** is selected, links display for **RFID Material Type Definition**, **RFID Item Policy Definition**, and **Mapping of RFID Fields to Alma Fields**.

See [RFID Support](#).

---

## Reshelving Items

### August 2019 Fulfillment



#### Idea Exchange

**Time to reshelve (hours)** is now available on the **Organization Unit Details** (when configuring a library), **Circulation Desk**, and **Reshelve Without Transit Rules Editor** pages. When configured, items that are marked as reshelf or reshelf without transit, will be displayed as **Awaiting Shelving**, instead of **Item in Place**, for the period of time configured. The item is considered as available, but appears as being reshelved in Alma and Primo so students and librarians know not to search for it on the shelf. Alma removes the 'Awaiting Reshelving' indication when the configured time since the item return has passed.

You can configure Time to reshelve once for the entire library, or override for a specific circulation desk.

This configuration will be available for Primo VE customers in an upcoming release.

Watch the [Reshelving Items Time](#) video (2:07 min).

See [Editing a Library](#), [Adding a Reshelve Without Transit Rule](#), and [Adding a Circulation Desk](#).

---

## Merge Patron Records

### August 2019 Administration and Infrastructure



#### Idea Exchange

A user with appropriate privileges can now merge one or more user records into another user 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. To enable this feature, contact Ex Libris customer support.

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#### Note

This feature will be made available in an upcoming release.

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

See [Merging Patron Records](#).

---

## Letter Customization Tool

### August 2019 Administration and Infrastructure



#### NERS Enhancement (ID #5730)

New, streamlined pages are now available for Letters Configuration and Components Configuration. In the near future, they will replace the previous Letter Emails, Letter Activity, Letter Retention, Notification Template, and Customize Letters

pages. Until then, a change made in the new pages will also appear in the old pages, and vice versa.

For more information, see [Configuring Letters](#), [Configuring Components](#), and [Centrally Managing Letters in a Network Zone](#).

---

## DARA Enhanced to Suggest Recommendations for Unavailable Electronic Portfolios and Validate Order Information for API Orders

### July 2019 DARA

DARA can now offer the following recommendations:

- Unavailable Portfolios – Using an Alma Analytics report, DARA can identify unavailable electronic portfolios and recommend that you activate them.
- Validate Order Information for Orders Created by API – DARA identifies when you have the New Order Integration profile configured in your institution and you have PO lines created by an API, but you did not select any of the Validation of Order Information options for the New Order API integration profile. These options prevent the API from creating new orders without proper funding.

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

---

## New Vendor for Availability and Pricing

### June 2019 Acquisitions

Availability and pricing is now available for Askews and Holts on the Check Availability and Pricing page. Because Askews and Holts only supports item search by ISBN, availability and pricing for Askews and Holts is only available when ISBN is part of the search.

For Askews and Holts to be included in the results, verify that the connection parameters are defined on the System Integration tab of the Vendor record. See [Managing Vendors](#).

---

## Add Items to the Claim Task List

### July 2019 Acquisitions

The Claim Task List now includes a new collapsible section, **Claiming Information**. This section, which is only available for physical PO lines, lists the items or holdings and their claim status. For physical one time orders, the list displays all unreceived items linked to this PO Line. The **Go to inventory** link displays the item editor. For physical continuous orders, the list displays all unreceived items that are under the holdings linking to this PO line, based on the prediction pattern. In this case, if there are items, the **Go to inventory** link goes to the the item editor, otherwise it goes to the holdings item lists.

Watch the [View Unreceived Items for Order Lines with Claims](#) video (1:17 min).

See [Processing Claims](#).

---

## Override URL for SUSHI Vendors

### July 2019 Acquisitions

The **Vendor SUSHI Account** page now includes an **Override URL** in addition to the **Vendor URL**. Either the Override URL or the Vendor URL must be populated. If the Vendor URL for a SUSHI account changes in the list of SUSHI-certified

vendors, the Vendor URL is updated. The Override URL is not changed by the update. When the SUSHI harvest job runs, the Override URL is checked first, and then the Vendor URL if the Override URL doesn't connect successfully.

See [Managing SUSHI Accounts](#).

---

## Link Resolver View It - Show All Option

### July 2019 Resource Management



**Idea Exchange SF: 00507137 00526586 00574938**

The Link Resolver View It (which presents context-sensitive electronic services) can now show more than 25 services using a new **Show All** option. See [View It](#) and [enable\\_view\\_it\\_show\\_all\\_results](#) for more information.

---

## Fields Added to Electronic Inventory Enrichment

### July 2019 Resource Management



**Idea Exchange**

The published data for electronic inventory enrichment was extended to include the following information: URL Type, Proxy Selected, Proxy Enabled, Authentication Note, and Internal Description. These publishing changes are available when using the General Profile for publishing. See [Publishing and Inventory Enrichment \(General Publishing\)](#) for more information.

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## Advanced Search Options for Subjects Index

### July 2019 Resource Management



**Idea Exchange**

For an All titles searches using the Subjects index, the following matching criteria were added to the Advanced search options: Is Empty, Not Contains Keywords, Not Equals, Not Contains Phrase, and Is Not Empty. Note that this requires reindexing and will be fully functional with the completion of the July reindexing. See [Performing an Advanced Search](#) for more information.

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## Semi-Annual Reindexing

**July 2019 Resource Management SF: 00485622 00496319 00518183 00519338 00547653 00148764 00150122 00216781 00431291 00004825 00015578 00093413 00584845 00535079 00567724 00593692**

During July, the semi-annual reindexing (described in greater detail [here](#)) will be run. Previously and in this release, features were announced that require reindexing to be fully functional. The July semi-annual reindexing addresses this requirement. The following list highlights the functions announced that require the July reindexing:

- In the MD Editor, **Browse Shelf Listing > call number sorting** previously sorted the 852 holdings field in the alphabetic order of the subfields as follows: h, i, j, k, l, m. This did not take into account that \$k is the call number prefix. As of the July production release and when enabled by Ex Libris, selecting call number sorting sorts the call numbers in the following order: k, h, i, j, l, m. **This change will be applied as part of the July re-indexing to all customers who do not open a case with Support before July 1st to request otherwise.** Note that the display text

- of call numbers has always taken \$k into account and appeared first.
- The sort of call numbers for the type NLM and SUDOC was improved. The change is relevant for the sort of physical items in the repository search and for browse shelf listing.
  - The MARC 21 775 \$x and \$z are now indexed under the **ISSN** and **ISBN** indexes, and the MARC 21 775 \$u, \$x, \$y and \$z are now indexed under the **Standard number** index.
  - Specific to the UNIMARC - Parallel Data Punctuation Display, when a UNIMARC subfield such as 200 \$f or 200 \$g starts with an equals sign (=), its regular (ISBD) punctuation is ignored, and the equals sign (=) prefix is used instead.
  - Specific to Resource Type definitions of MARC 21 bibliographic records:
    - The **Textual - Component Part** resource type was canceled.
    - The **Book chapter - Electronic** and **Book chapter - Physical** resource types were changed to **Monographic component part - Electronic** and **Monographic component part - Physical**, respectively.
    - The **Journal article - Electronic** and **Journal article - Physical** resource types were changed to **Serial component part - Electronic** and **Serial component part - Physical**, respectively.
  - For the CNMARC field 200 (title), display elements are now created according to the original cataloging order of the subfields. In addition, the appropriate punctuation is added between the subfields.
  - See [Authority Search Indexes](#).
  - See [Normalized Apostrophe in Alma Repository Search](#).
  - The values for Network Number in Analytics is now taken from the search field instead of the display field. This corrects the issue where Analytics sometimes removed leading zeros for Network Number.
  - See [UDC Sorting for Browse Bibliographic Headings](#).
  - Subfields of MARC 21, UNIMARC, and CNMARC authority record fields used to create display, sorting, and search elements, were extracted in alphabetical order rather than in cataloging order. This was fixed. As a result, additional bibliographic record elements were created. For MARC 21 display elements, this includes 5XX note fields (excluding 59X, 520 and 505), 59X local note fields, and 69X local subjects. For MARC 21 search elements, this includes 59X local notes, 9XX local fields, 09X local call numbers, and 69X local subjects. For UNIMARC and CNMARC, the display elements include 69X local subjects. Search elements include 69X Other Classification Number, 3XX notes, 9XX local fields, and 69X local subjects.
  - The display of the correct language in Analytics was fixed for CNMARC records when there are multiple 101 fields.
  - See [Local Param Subfield Delimiters](#).
  - When a holdings record is saved and indexed, its call number type is now determined according to the first 852 field instead of the last. Note that Alma supports only one 852 field per holdings record. With this change, if for some reason there is more than one 852 field, the call number type is derived from the first 852 field.

---

## Agency Search Indexes for Authority Records

### July 2019 Resource Management

The following indexes were added for Authorities searches in Alma's repository search:

- 040 \$a – Original Cataloging Agency, MARC 21 and GND
- 040 \$d – Modifying Agency, MARC 21 and GND
- 801 \$b, second indicator 0 – Original Cataloging Agency, UNIMARC and CNMARC
- 801 \$b, second indicator 2 – Modifying Agency, UNIMARC and CNMARC

To enable these search options, see the [Configuring What Search Indexes Are Available](#) section for more information.

Note that this requires reindexing and will be fully functional with the completion of the July reindexing.

---

## Agency and Language Search Indexes for Bibliographic Records

### July 2019 Resource Management

The following indexes were added for bibliographic record searches in Alma's repository search:

- 040 \$b – Language of cataloging, MARC 21 (KORMARC)
- 100 \$a, positions 22-24 – Language of cataloging, UNIMARC and CNMARC
- 801 \$b, second indicator 0 – Original Cataloging Agency, UNIMARC and CNMARC

To enable these search options, see the [Configuring What Search Indexes Are Available](#) section for more information.

Note that this requires reindexing and will be fully functional with the completion of the July reindexing.

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## Normalized Apostrophe in Alma Repository Search

### July 2019 Resource Management

The various UNICODE forms of an apostrophe are now normalized to the standard ASCII apostrophe for Alma Repository Search when searching text fields such as Subject and Title. This functionality is supported for only the default searching language configured for your system. See [Regarding the search string](#) on the [Searching in Alma](#) page for more information. Note that this change requires reindexing and that it will be fully functional after the completion of the semi-annual reindexing in July.

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## UDC Sorting for Browse Bibliographic Headings

### July 2019 Resource Management SF: 00374379 00426593

The Universal Decimal Classification (UDC) bibliographic headings are now sorted according to the UDC standard ([http://www.udcc.org/index.php/site/page?view=about\\_structure](http://www.udcc.org/index.php/site/page?view=about_structure)) in the browse bibliographic headings component of Alma. This change requires reindexing and will be fully functional with the completion of the semi-annual reindexing that is scheduled to run in July. See [Browsing Bibliographic Headings](#) for more information.

---

## New Bibliographic and Authority Search Indexes

### July 2019 Resource Management

New indexes were created for bibliographic and authority records for MARC 21/KORMARC, UNIMARC, and CNMARC. With these changes, new search terms were added to the simple and advanced staff search options. See [MARC 21 Search Indexes](#), [UNIMARC Search Indexes](#), [CNMARC Search Indexes](#), and [Configuring Search](#) for more information. This change requires reindexing and will be fully functional with the completion of the semi-annual reindexing that is scheduled to run in July.

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## Authority Search Indexes

### July 2019 Resource Management

The following new indexes were added for Authority search:

- Genre form (auth\_genre\_form)

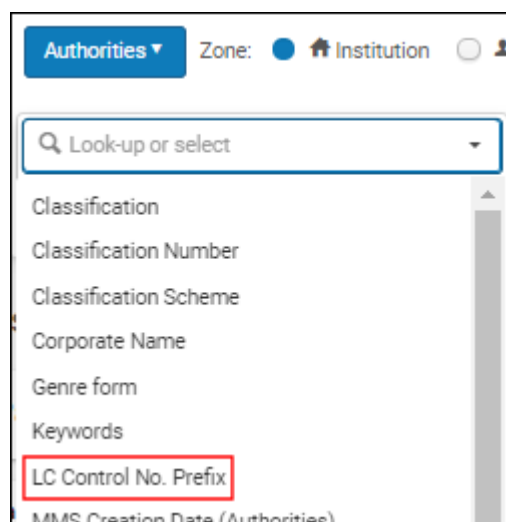
This is for MARC 21 only. Previously, the 155, 455, and 555 fields were mapped to the Subject search index. Now, these fields are instead mapped to the Genre form index.

- LCCN prefix (lccn\_prefix)

This is for MARC 21 only. The alphabetic characters that begin the 010 \$a such as no, sh, or sj are indexed. With this index, you can restrict an authorities subject search to a certain type. The following is the list of search values provided for this search index:

- n - Name or subject authority record keyed by LC
- nb - Name or subject authority record originating in the British Library
- nr - Name or subject authority record originating in the Research Libraries Information Network (RLIN)
- no - Name or subject authority record originating in the Online Computer Library Center (OCLC)
- sh - LCSH subject authority record distributed by LC
- sj - Juvenile subject authority keyed by LC and distributed in the LC Annotated Children's Cataloging Program
- sp - Subject authority proposal record in the LC catalog. (When it is approved, the record is distributed with the prefix sh.)

The LC Control No. Prefix search option can be used to access this index.



These index changes will be fully functional after the completion of the July semi-annual reindexing.

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## Authority Priorities

### July 2019 Resource Management SF: 00358931

Alma now supports authority priorities for bibliographic records with a second indicator of 7. See [Authority Priorities](#) for more information.

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## UNIMARC Authority X41 and X42 Fields

### July 2019 Resource Management

The following UNIMARC authority fields were added to support the Alma authority control workflow for linking, preferred term correction, and F3 for UNIMARC:

- 241 AUTHORIZED ACCESS POINT – NAME / TITLE (WORK)
- 441 VARIANT ACCESS POINT – NAME / TITLE (WORK)
- 541 RELATED ACCESS POINT – NAME / TITLE (WORK)
- 741 AUTHORIZED ACCESS POINT IN ANOTHER LANGUAGE AND/OR SCRIPT – NAME / TITLE (WORK)

- 242 AUTHORIZED ACCESS POINT – NAME / TITLE (EXPRESSION)
- 442 VARIANT ACCESS POINT – NAME / TITLE (EXPRESSION)
- 542 RELATED ACCESS POINT – NAME / TITLE (EXPRESSION)
- 742 AUTHORIZED ACCESS POINT IN ANOTHER LANGUAGE AND/OR SCRIPT – NAME / TITLE (EXPRESSION)

See [Configuring Cataloging](#) for more information.

## Local Portfolio Language

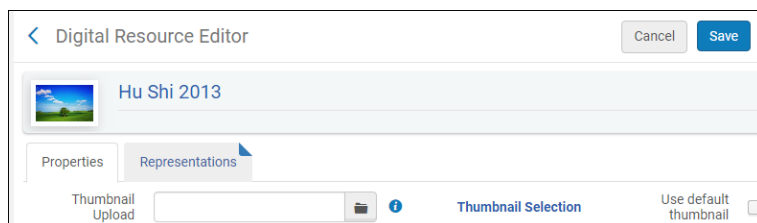
### July 2019 Resource Management SF: 00138784

You can now specify the portfolio language when creating new portfolios. Previously, English (eng) was specified by default. The language information can be entered on the New Portfolio page (when creating a new portfolio) or from the Portfolio Loader spreadsheet and is placed in the new bibliographic record's 008 (positions 35-37) for MARC 21 / KORMARC and the 101 0# \$a for UNIMARC / CNMARC. Once entered, the language information is part of the export data when you use the Extended Export feature. See [Managing Electronic Resources](#) and [Portfolio Loader](#) for more information.

## Thumbnail Selection for Digital Titles

### July 2019 Digital Resource Management SF: 00657096

You can now select the thumbnail that appears for digital titles in the search results and Digital Resource Editor. To support this feature, a new **Properties** tab now appears in the Digital Resource Editor:



### Properties Tab

You have the following options for selecting a thumbnail for the representation:

- Select the folder icon next to the **Thumbnail Upload** field and select an image from your system.
- Select **Thumbnail Selection** and select a digital file from the representation.
- Select **Use Default Thumbnail** to use the first file of the representation as the the thumbnail.

## OAI Testing Added to Remote Repository Configuration

### July 2019 Digital Resource Management

You can now test the OAI connection when configuring remote repositories. You no longer have to create an import profile to run this test.

To support this new functionality, the following UI elements were added to the remote repository configuration pages:

- The **Authentication** checkbox was added to the general Information tab of the Remote Digital Repository Details page. When selected, the **Username** and **Password** fields appear that allow you to add OAI authentication information.

### OAI Authentication

- The **Test and Save** button was added to each tab of the Remote Digital Repository Details page. When selecting this button, the OAI Test page appears that allows you to test the OAI connection.

### OAI Test Page

For more information, see [Managing Remote Digital Repositories](#).

## Limit Access Rights According to Concurrent Users

### July 2019 Digital Resource Management

You can now limit access rights to digital representations according to the number of concurrent users within a specific time frame. To support this feature, **Concurrent Users** is now available as an access rights parameter:

+ Add Parameter ▾  
 Name  
 Concurrent Users ▾  
 Numbers of Users \*  
 With (Minutes) \*  
 Clear Add Parameter

### Access Rights – Concurrent Users

To configure the Concurrent Users parameter, enter the maximum number of concurrent users allowed to view the representation and the time frame and click **Add Parameter**.

## ViewIt Now Displays List of Representations

### July 2019 Digital Resource Management

You can now configure the ViewIt action to group the list of services by representations with links to the available viewers. Previously, representations were grouped by viewer. For example:

Nature Pictures  
 Mixed material (Mixed material - Digital)  
 Medium Type: Interactive Resource  
 Update Date: 06/06/2019  
 Physical Electronic Digital (3) Collections (1) Other details  
 View It  
 Display in a new window  
 Chrysanthemum and Desert - 2 file/s (jpg)  
 Open in Alma Viewer Open in Digital Version(s) - IIIF Open in Internet Archive Book Reader  
 Hydrangeas and Jellyfish - 2 file/s (jpg)  
 Open in Alma Viewer Open in Digital Version(s) - IIIF Open in Internet Archive Book Reader  
 Koala and Lighthouse - 2 file/s (jpg)  
 Open in Alma Viewer Open in Digital Version(s) - IIIF Open in Internet Archive Book Reader

### List of Representations with Available Viewers

To configure ViewIt to display a list of representations, select **Representation** from the **Group Representation Delivery Services by** drop-down list (**Configuration > Fulfillment > Display Interface Logic > Other Settings**):

< Other Settings

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Enable Display of License Information

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

**Display List of Representations**

---

## Temporary Locations for Dematic Remote Storage

**July 2019 Fulfillment SF: 537512 541085 637988**

A temporary item removal from or addition to remote storage will no longer update the Dematic database.

The Item Delete message will now only be sent when:

- The previous current location is storage and the current location is not storage, or they are not the same remote storage.
- The permanent location is not storage.

The Item Add message will now only be sent when the item's current location is changed from a non-storage location to a storage location and the previous permanent location was not a storage location (or not the same storage location).

By default, this new feature is disabled. In order to enable it, you must set the **temp\_asrs\_report\_temporary\_change** parameter to false. The temporary parameter will be deleted in a coming release and this behavior will be the standard behavior.

---

**Note**

At the time that the parameter is enabled, or when the parameter is removed (in a future release) and the behavior becomes standard, if an item's permanent location is remote storage but the item is in a non-remote storage temporary location, some items that were removed from storage may not be added back to the remote storage or may be removed again.

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See [Requesting a Dematic ASRS Item](#).

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## Select Request Locations

### July 2019 Fulfillment



#### Idea Exchange SF: 497109 552740 647394 672739

When a hold request is created and the holdings to fulfill the request is not available in the selected pickup location, Alma now matches the holdings to the request using additional parameters as follows:

1. Alma attempts to locate a holdings belonging to another library on the same campus as the pickup location.
2. If no holdings is found on the same campus, more than one holdings exists in different locations on the campus, or if no campuses have been defined, Alma checks the Transit Time Rules. If a rule exists for this holdings and the new check box, **Use for Hold Request Pickup Calculation**, is selected, Alma chooses this holdings. The check box is displayed only when the **From Library** and **To Library** fields are configured and the **Material Type** field is **Any**. By default, the check box is not selected. See [Adding a Transit Time Rule](#).
3. If more than one holdings has a transit time rule, then the holding with the shortest transit time is selected.

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#### Note

**From Library** and **To Library** are the only input parameters on the transit time rule considered for the location calculation.

---

On the **Pick-Up Requested Resources** page, if the **Skip Location** action is available (the request can be fulfilled by at least one other location that the request has not been previously assigned to), a **Manual Skip Location** action now displays in addition to the **Skip Location** action. The manual action suggests a list of alternative locations by which the request may be fulfilled, sorted in the following order:

- Holdings in remote storage with the **Prefer Over Other Locations** check box selected (see [Adding a Remote Storage Facility](#)).
- Holdings whose owning library matches the requested pickup library.
- Holdings on the same campus.
- All other holdings that can fulfill the request but are not at this campus or if no campuses have been defined, the locations will be sorted by their transit time to the pickup location, if a transit time rule between the pickup location library and the location holding library has been defined and if the rule supports Hold Request Pickup Calculation.
- Holdings in remote storage that do not have the **Prefer Over Other Locations** check box selected.
- Holdings that were previously assigned and changed by the Skip Location action.

The same logic is automatically applied if the **Skip Location** action is used, automatically selecting the first location as per the sorting method described above.

See [Pickup at Shelf](#).

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## Hourly Options for Booking Requests

### July 2019 Fulfillment



#### Idea Exchange SF: 542813 195296

A new booking policy in the Terms of Use, **Booking Resolution**, allows you to define the allowed resolution of your booking request. The policy has four values:

- **Minutes** - The booking will be defined by date, hour, and minutes.
- **Hours** - The booking will be defined by date and hour.
- **Days** - The booking will be defined by date only.
- **Days plus overnight** - The end time of the booking will be defined to the next opening time of the library.

The default value is Minutes, which maintains the previous functionality.

When a booking request is created in Alma or Primo, the start and end time fields are now dependent on the value in this policy. If the value is **Minutes**, time fields are displayed with hours and minutes. If the value is **Days** or **Days plus overnight**, the time fields are hidden. If the value is **Hours**, time fields are displayed with hours and minutes but a warning message indicates that only hours should be selected.

#### Note

This feature is currently available only to Alma and Primo customers.

If multiple items exist for the same title with different booking resolutions (due to different terms of use), the least specific resolution is used.

See [Creating Booking Requests](#) and [Adding Fulfillment Policies](#).

## Support for ISO 18626 Protocol

### July 2019 Fulfillment - Resource Sharing

Alma now supports the new ISO ILL protocol. When adding or editing resource sharing partners, **ISO 18626** appears under the list of **Profile Types**.

To enable support for this protocol, please contact Ex Libris customer support.

See [Resource Sharing Partners](#) and the [Developer Network](#).

## Reactivate Resource Sharing Requests

### July 2019 Fulfillment - Resource Sharing



#### NERS Enhancement (ID #5659)

For completed, peer to peer resource sharing requests, a new row action, **Reactivate Request**, is now available on the Resource Sharing Task List. This action may be used to reactivate a request that has been mistakenly marked as completed. The option is available on both the borrowing and lending request task list. It is also possible to send a general message to the peer partner at the time the request is reactivated.

For borrowing requests, a temporary item is recreated using the previous barcode with the process status set to **In resource sharing**. The library and location of the item are set to the same values as when the item was initially created. If the item is not yet on loan, a hold request is reinitiated. You can reinitiate the loan manually. If no loan is initiated, the request status is **Request Reactivated**.

For lending requests, the shipped item's process status is set to **In resource sharing** and the item is relinked. The request status is **Request Reactivated**. If the item is in another process, an error is displayed.

For both borrowing and lending, the request's original external ID is maintained.

This option is enabled for Fulfillment Services Managers. To enable for Fulfillment Services Operators, contact Ex Libris support. Note that activating an option on the Workflow Profile is also required.

See [Managing Resource Sharing Borrowing Requests](#) and [Managing Resource Sharing Lending Requests](#).

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## Default User Group for Fulfillment Network Locate

### July 2019 Fulfillment - Resource Sharing / Collaborative Networks SF: 521843

You can now define a default user group which will be used for the locate process and rules calculation for fulfillment network partners.

The default user group for the fulfillment network locate process and its rules calculation is defined on the lender side in the **default\_user\_group\_for\_fulfillment\_network\_locate** parameter. Any of the institution level user group codes can be used in the parameter. By default, the parameter is empty, which preserves the previous behavior.

When a locate process is executed as part of a borrowing resource sharing request with a fulfillment network partner, if the **Check item requestability** option in the locate profile parameters is set to true, Alma uses the default user group for the requestability checks.

See [Fulfillment Network Partner Configuration](#).

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## Preferred Name Display

### July 2019 Administration and Infrastructure



#### Idea Exchange SF: 673089

When **Preferred First Name**, **Preferred Middle Name**, or **Preferred Last Name**, are populated on the **User Details** page, they now replace the main **First Name**, **Middle Name** and **Last Name** fields in all places that the name appears within Alma, for example, letters, **Manage Patron Services**, and the **Active Hold Shelf**. The Active Hold Shelf also has an option to sort based on the requester preferred name. If this sort option is selected, but no preferred name is available, the main name is used instead.

The preferred name override is now the default behavior but can be overridden on the **Display User Name** page by selecting a different value in the **Displayed Name Type** field. The options are:

- **Preferred** - As described above, when chosen, any preferred user name fields that are entered will display instead of the main name fields.
- **Main** - The main names are displayed, which is the prior behavior.
- **Both** - The preferred name displays in parentheses after the main name.

The preferred names can also be set in SIS or the API. See [API Docs](#) in the Developer Network. The uploaded values of the preferred names can be manually overridden in the Alma interface.

If one preferred name field is entered but not the others, whatever value is in the main name fields will be automatically populated in the other preferred name fields. So, for instance, if **Preferred First Name** is entered, the values of **Middle Name** and **Last Name** will be filled into their corresponding preferred name field. The preferred name values that are automatically updated can be modified by SIS or API, as well as manually via the Alma interface.

See [Managing Users](#).

---

## Pop-Up User Notes

### July 2019 Administration and Infrastructure



#### Idea Exchange

User notes can now be defined to appear as pop-up notes in Manage Patron Services so that the librarian can inform the patron of any important messages. When a user note is created, a new check-box is available, **Pop up note**. When selected, the note will display as a pop-up window when the operator enters Manage Patron Users. If a block message also exists for the user, both messages will display in the same pop-up window.

See [Managing User Notes](#).

---

## Deliver Analytics Report with FTP

### July 2019 Analytics

You can now configure scheduled analytics reports to be placed on an FTP server. This can be useful, for example, if you want to make the report available to other departments in your institution.

You configure Alma Analytics to deliver a report to an FTP server on the Analytics Objects List page ([Configuration Menu > Analytics > Analytics Objects List](#) or [Analytics > Analytics Objects > Analytics Objects List](#)).

Select **FTP**, select an FTP configuration, and enter a sub-directory.

General Information	
Title *	Undergraduate fulfillment statistics for last 365 days
Analytic Folder *	Main Campus/Reports
Type *	Scheduled Report
Description	Undergraduate fulfillment statistics for last 365 days
Format *	Text
Status *	<input checked="" type="radio"/> Active <input type="radio"/> Inactive
Schedule *	Every day at 01:00
FTP	<input checked="" type="checkbox"/>
FTP configuration *	The YILIS dept. FTP server
Sub-directory	Fulfillment

#### Deliver Analytics Report with FTP

When the report runs it is sent to the FTP server. For more information, see [Running Analytics Reports and Displaying Them in Alma](#).

For a video that explains how to share a scheduled report via FTP, see [Share Alma Analytics Scheduled Reports via FTP](#).

---

## Mandatory System Field for New Order API Integration Profile

### July 2019 APIs

The System field is now mandatory for the New Order API integration profile. The field values include:

- Basware
- Homegrown
- Multiple
- OASIS ProQuest
- Other
- GOBI YBP

---

## Add VAT Code to Invoice Creation

### June 2019 Acquisitions

The VAT code can now be added to a new invoice when creating the invoice from EDI or an Excel upload. When using an Excel upload, the VAT code is not mandatory. When using EDI, the new **Use VAT Code** field, on the EDI Information tab of the Vendor Details page, must be selected. If your institution does not have the VAT Codes table populated, the field is disabled.

If the VAT code is included and the code exists in the VAT Codes table, the amount and percent is calculated based on the table. If the VAT code in the upload does not exist in the VAT Code table, the uploaded VAT code is ignored.

See [Configuring EDI for a Vendor](#).

---

## Add VAT Type Options for EDI Invoices

### June 2019 Acquisitions

When creating an EDI invoice, you can now select the VAT Type of invoices coming from this vendor in EDI. When calculating VAT in the invoice, Alma checks the value in this field, which defaults to Line Exclusive.

The VAT Types are:

- **Exclusive** - The total price of the invoice excludes the VAT. The VAT calculation is the Total line amount = Total price + VAT. So, for example, if the total invoice price is 100 USD and the VAT is 10% exclusive, the price is 100 USD and the VAT is 10 USD. The total line amount is 110 USD.
- **Line Exclusive** - The Total price of the invoice includes the VAT while the total line amount does not. Alma calculates the VAT for each invoice line and adds the amount to the lines.
- **Inclusive** - The total price of the invoice includes the VAT. The VAT calculation is Total Amount - (Total Amount / (1 + VAT Percentage) ). So, for example, if the total price is 100 USD, and the VAT is 10%,  $VAT = 100 - (100 / (1.1)) = 9.9$ . The price is 90.1 and the VAT amount is 9.9.

See [Configuring EDI for a Vendor](#).

---

## Type-Ahead for Funds and Vendors in Purchase Requests

### June 2019 Acquisitions

Type-ahead functionality is now available for the Fund and Vendor fields in Purchase Requests.

---

## Free Text Note in ORDERS EDI Message

### June 2019 Acquisitions

You can now add additional PO Line fields to the ORDERS EDI file. The available fields are shown in the EDI Vendor Note Fields table. The options are:

- Fund Description
- PO Line Type
- Receiving Note
- Rush
- Reporting Code
- Secondary Reporting Code
- Tertiary Reporting Code

You can define which of these fields are added to the file at the vendor level. On the **EDI Information** tab of the Vendor page, select **POs**. The **EDI Vendor Note Fields** drop down box appears. The selected fields appear in the **Note To Vendor** field of the EDI file.

See [Configuring EDI for a Vendor](#).

---

## Reload SUSHI File

### June 2019 Acquisitions

It is now possible to reload a COUNTER report from the Load Usage Data list for invalid and partially loaded SUSHI files. The data related to the existing report, as determined by file\_id, is deleted and the load process is rerun.

A **Reload** row action now appears for rows on the Load Usage Data list. The action is visible only for Invalid and Partially Loaded SUSHI files. When the user confirms the reload, the data of the existing file is deleted and the data is sent again.

Watch the [Reload Usage Data Files That Failed to Load](#) video (1:10 min).

See [Manually Uploading and Deleting COUNTER Data](#).

---

## Add Error Description and Resolution to File Upload Data

### June 2019 Acquisitions

COUNTER reports that end with load errors now include error messages with a recommended solution, and an action, if available.

---

## Icon Indicators for Electronic Portfolios and Electronic Collections in Community Tab Search Results

### June 2019 Resource Management



#### **NERS Enhancement (ID #4787)**

Icon indicators that show the status of electronic collections (activated/not activated, available/not available) were added to the Community tab in the **Electronic portfolios** and **Electronic titles** search results. With these indicators, you can now more easily identify portfolios that are part of active collections. See [Record Lists](#) for more information.

---

## List of Items Table

### June 2019 Resource Management

The List of Items tables now have the following filters: Year, Volume, Description, and Receive Date. See [Working with the List of Items](#) for more information.

Watch the [Filter a List of Items](#) video (0:47 min).

---

## Original Cataloging Agency

### June 2019 Resource Management

With simple and advanced search, you may now search for bibliographic, all titles records using Original Cataloging Agency for your search criteria. For more information, see [Configuring Search](#) and [MARC 21 Search Indexes](#).

---

## 3XX Authority Control Fields

### June 2019 Resource Management

Alma now offers full authority control for the 380, 385, 386, and 388 fields, including F3 linking from the MD Editor, publishing to Primo with headings enrichment, search by non-preferred terms and preferred-term correction.

Additionally, when editing authority records in the MD Editor, it is now possible to browse authority headings using F3 on the 368, 370, 372, 373, and 374 fields.

See [3XX Bibliographic Record Control Fields](#) and [3XX Authority Record Control Fields](#) for more information.

---

## Duplicate Title Analysis Report

### June 2019 Resource Management

Two new columns were added to the Duplicate Title Analysis report, Resource Type and Held By (for the Network Zone only). See [Using Duplicate Title Analysis](#) for more information.

---

## Distributed Electronic Resource Management – Support for Upload Electronic Holdings

### June 2019 Resource Management

Distributed electronic resource management support is now available for the Elsevier, Ovid, and Springer Upload Electronic Holdings integration profiles. With these new options, you can create multiple integration profiles of the same type and schedule them to run at the same time. For more information, see [Upload Electronic Holdings from Elsevier](#), [Upload Electronic Holdings from Ovid](#), and [Upload Electronic Holdings from Springer](#).

---

## Link Users for Network Zone

### June 2019 Fulfillment / Collaborative Networks SF: 00622866

This enhancement is relevant for institutions that are part a network that is using Central User Management (see [here](#)).

When creating a linked user in the target institution, Alma now checks first in the Network Zone Setup to determine if both institutions are set to share users. If they are, the user in the target institution is linked directly to the Network Zone user. If

one of the institutions (or both) are not set to share users, then the user is copied from the source institution to the target institution.

---

## Unique Item Barcodes for Fulfillment Networks

### June 2019 Fulfillment / Collaborative Networks

You can now define a fulfillment network as having unique item barcodes. Depending on the setup, you may be able to bypass the owning institution selection step.

The **fulfillment\_network\_unique\_barcodes** parameter can be set to:

- **FULL** - Use this option if barcodes are unique across all members of the fulfillment network and are not duplicated. The Item Owner drop-down list does not appear on the Manage Patron Services, Return Items, or Scan In pages. Alma searches for the barcode, first locally, then in all other institutions. The search completes as soon as the barcode is matched and the processing continues automatically.
- **NONE** - Barcodes are not unique. All previous behavior is retained.

See [Configuring Pickup Anywhere/Return Anywhere](#).

---

## New Options for Closed Library Due Date Management

### June 2019 Fulfillment



#### Idea Exchange SF: 00475640

The **Closed Library Due Date Management** policy includes the following new values to support keeping the original time and change only the date if the due date falls on a closed day:

- **Move to next open day (same hour)** - When Alma calculates a loan due date that falls on a closed day (loan, recall, or renew), the due date is set to the next open date with the original due date time.
- **Move to previous open day (same hour)** - Alma sets the due date to the previous open date with the original time.

See [Adding Fulfillment Policies](#).

---

## NetPunkt System Integration – OpenReceipt

### June 2019 Fulfillment - Resource Sharing

With the Netpunkt integration, Alma is now able to take OpenReceipt messages from the Netpunkt Danish ILL system and create resource sharing borrowing requests in Alma. See [Integrating Alma with the Netpunkt ILL System](#) for more information.

---

## Collection Translations

### June 2019 Digital Resource Management SF: 00660006

You can now translate the name and description of collections when you have multiple languages configured. The translated name and description appear when you select the language from a drop-down list. To support this feature, the Translation Information icon appears next to the Name and Description fields when editing collections.

Collection Resource Editor

Col18031011736

Col18031011736

PID 8114829360000301 Library Main Library Title Col18031011736

Description Collection for publishing 18031011736

General Sub-collections (0) Title List Discovery History

Properties

Name Col18031011736

Description Collection for publishing 18031011736

Library Main Library External System External ID

Thumbnail Upload Use default thumbnail

## Collection Translations

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

## Expand MARC Metadata Fields Displayed in Alma Viewers

### June 2019 Digital Resource Management SF: 00623558

The list of MARC metadata fields that can appear in the Alma viewers has been expanded (**Configuration > Fulfillment > Digital Fulfillment > Delivery Profiles Metadata**). For more information, see [Configuring Delivery Profiles Metadata](#).

For Primo VE customers, you can now configure the metadata fields of any metadata standard that appear in the Alma viewers from the same configuration page as you configure the metadata fields for the Primo VE Services page. This way, the same metadata fields appear in both the Primo VE Services page and in the Alma viewers. To support this enhancement, the **Use Primo Metadata Fields for Delivery** check box was added to **Configuration > Fulfillment > Discovery Interface Display Logic > Other Settings**:

Other Settings

Enable Display of License Information

Include Representation services in link resolver statistics

Enable Delivery Login

Max. Number of Representations in ViewIt 4

Order of ViewIt Services Electronic, Digital

Group Representation Delivery Services by Viewer

Delimiter for Grouping Repeated Delivery Metadata

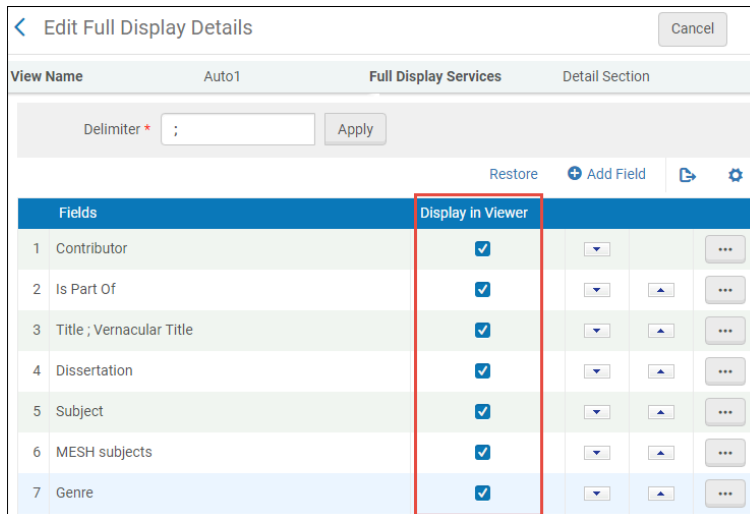
Use Primo Metadata Fields for Delivery

### Use Primo Metadata Fields for Delivery

When this checkbox is selected, metadata fields for the viewers are configured from the Full Display Details page (**Configuration > Discovery > Display Configuration > Configure Views Full Record Services > Details > Configure**),

the **Delimiter for Grouping Repeated Delivery Metadata** field is disabled, the option to **Hide Repeated Labels** for the Alma Viewer in **Configuration > Fulfillment > Discovery Interface Display Logic > Viewer Services > Alma Viewer** does not appear, and the option to configure the viewer metadata fields from **Configuration > Fulfillment > Delivery Profiles Metadata** is not available.

In addition, when you select this checkbox, the **Display in Viewer** column appears on the Full Display Details page.



### Display in Viewer

Clear the **Display in Viewer** checkbox for any field that you do not want to appear in the Alma viewers.

## Spanish Online Help

### June 2019 Administration and Infrastructure

Spanish online help pages are now available when selecting help in Alma while using the Spanish interface.

## Alma Known Issues Fix Schedule

### June 2019 Administration and Infrastructure

The Alma Known Issues Fix Schedule lists known issues that are planned to be corrected in upcoming releases. This feature enables libraries to have a clear view of upcoming corrections. The list includes a description and case numbers and has a number of filters to allow for easy review.

This feature can be viewed on the Alma Known Issues Fix Schedule page, which can be accessed by selecting **Alma Known Issues Fix Schedule** in the Help menu while on any page. To view this page, a user must have the **Known Issues Operator** role. For more information, see [The Persistent Menu](#) and [Alma Known Issues: Q&A](#).

## Facets on the Edit Citations and Reading Lists Task List Pages

### May 2019 Fulfillment - Course Reserves

Facets were added in place of filters on the Edit Citations and Reading Lists Task List pages for all customers.

On the Edit Citations page, all filters were moved to facets. In addition, the facets **Processing Department**, **List Status**, and **License Type** were added as facets. In addition, a **Sort By** feature was added to the page, with the options **Last created**, **Last modified**, **Reading list name**, and **Citation title**.

The screenshot shows the 'Edit Citations' page with 1-20 of 5,065 citations. The left sidebar contains facets for Course Status, Processing Department, List Status, List Assigned to, Publication Status, and Section Tags. The main area displays three citation cards with details like title, author, request status, resource locate status, and section name.

## Edit Citations

On the Reading Lists Task List page, the **Processing Department**, **Status**, **Publication Status**, and **List Modification Date** filters were changed to facets. **List Creation Date** and **Request for Review** (date) were added as facets. **Alerts** remains as a filter.

The screenshot shows the 'Reading Lists Task List' page with 1-20 of 456 reading lists. The left sidebar contains facets for Processing Department, Status, Publication Status, List creation date, List modification date, and Request for review. The main area displays a table with columns for Code, Name, Status, Assignee, Owner/s, Due Back Date, Alerts, and Request for Review.

## Reading Lists Task List

**Published** was added as an option for the publication status facet on both pages. **Published** matches all publication options other than **Archived** or **Deleted**. In addition, the processing department **Undefined** matches any reading list that does not have an associated course.

Summary of the new Reading Lists Task List Page Facets/Filters:

- The page includes the facets **Processing Department**, **Status**, **Publication Status**, **List creation date**, **List modification date**, and **Request for review**, as well as the filter **Alerts**.
  - The status **Processing** matches any reading list that is not marked as **Complete**, including **Inactive** or **Declined**.
  - For publication status, **Published** matches all reading lists that are not **Draft**, **Archived**, or **Deleted**, and **Active** (which is selected by default) matches all reading lists that are not **Archived** or **Deleted**.
  - The processing department **Undefined** matches any reading list that does not have an associated course.

Summary of the new Edit Citations Facets/Filters:

- The page includes the facets: **Course Status**, **Processing Department**, **List Status**, **List Assigned To**, **Publication Status**, **Section Tags**, **Citation Status**, **Resource Locate**, **Citation Tags**, **Material Type**, **Copyright Status**, **License Type**, **Alerts**.
  - For citation status, **Not Complete** matches any citation whose status is not **Complete**.
  - For publication status, **Published** matches all reading lists that are not **Draft**, **Archived**, or **Deleted**.
  - The processing department **Undefined** matches any reading list that does not have an associated course.

---

## Limit DARA Recommendation Types

### April 2019 DARA

You can now limit the types of recommendations that DARA displays. This is useful if you know that certain types of recommendations are not relevant for your institution.

To limit the types of recommendations that DARA displays, select the types that you do not want displayed from the **Do not generate the following recommendation types for my institution** drop-down list on the Data Sharing Profile page (**Configuration > General > General Configuration > Data Sharing Profile.**)

The screenshot shows a configuration window titled "RECOMMENDATIONS". It contains two sections: "RECOMMENDATIONS" and "BENCHMARK ANALYTICS".

**RECOMMENDATIONS**

Confirm including anonymized data (such as SUSHI Harvesting Job activity, Workflow processing times, Title level information, etc...) from my institution in the aggregated data used for generating recommendations for your institution and its staff users. No personal data or detailed transactional data is used for the purposes of generating recommendations. \*

Yes  No

Do not generate the following recommendation types for my institution:

**BENCHMARK ANALYTICS**

Confirm including anonymized statistical data (such as average time for order receipt, number of physical items etc.) from my institution in the aggregated data used by Benchmark Analytics.

Automatic usage data  
Load usage data  
Benchmark analytics

### Limit DARA Recommendation Types

---

## Automatic Price When Creating PO Line from Review Results in Check Availability and Pricing

### April 2019 Acquisitions

Creating a PO line from the Check Pricing and Availability page now automatically copies the price and currency of the relevant item into the PO line. If the PO line is created in another currency, an exchange rate is calculated using the current date as an exchange rate date. In addition, the vendor information is automatically copied into the new PO Line.

See [Check Availability and Pricing](#).

---

## Change Funds in Invoice Lines

### April 2019 Acquisitions

It is now possible to select one, many, or all invoice lines on the Invoice Details page and add or replace funds for the selected invoice lines.

Invoice Details

PO-15313

Unique invoice identifier: 1334705240000521 | Owner: Graduate Library | Vendor: BKSN | Total amount: 39.95 USD

Approved by: (-) | Total invoice lines amount: 39.95 USD

Buttons: Save, Cancel, Save and Continue

Summary | Alerts | Invoice Lines | History | Notes | Attachments

1 - 5 of 5

Buttons: Add/Replace Selected Fund, Add Invoice Line

Line #	Type	Price	Total Price	VAT Note	Status	Description	Funds	Note	PO Line #	Reporting code
1	Re...	39.95 USD	39.95 USD	Approxima... 0.00 included in line Total Price.	Ready	Internet journalism and fake news / Kathryn Roberts, book editor.	M. Social Sciences MSS (100.0%) (2018/06/30 - 2019/06/29)	-	POL-7920 (Waiting for invoice)	-
9999...	ShL...	0.00 USD	0.00 USD	Approxima... 0.00 included in line Total Price.	In- Revie...	-	-	-	-	-
9999...	Dis...	0.00 USD	0.00 USD	Approxima... 0.00 included in line Total Price.	In- Revie...	-	-	-	-	-

### Invoice Details Page

When you select one or more invoice line and select Add/Replace Selected Fund, a pop-up window enables you to pick the fund to add/replace to all selected invoice lines. If the invoice line does not have a fund, Alma adds the fund. If the invoice line already has a fund, Alma replaces the existing fund with the selected fund. Alma checks the fund to make sure it has enough money and is from the relevant fiscal period. If it is not eligible to be added, Alma displays an error message.

See [Creating an Invoice from a PO or Manually](#).

## Retry SUSHI Harvesting

### April 2019 Acquisitions SF: 00467870 00610245 00611292 00619137

When the SUSHI Harvesting job receives a response that indicates that the report will be available at a later time, Alma now automatically retries a random amount of time later. If the error persists, Alma retries a number of such iterations, increasing the retry interval each time, until the attempt is successful or reaches a maximum number of retries.

See [Managing SUSHI Harvesting](#).

## Global Success Rates in the Usage Data Loader

### April 2019 Acquisitions

The Usage Data Loader page now includes a column that indicates the global success rate of the report type for that month. The number is a link to the relevant SUSHI Account Details page.

See [Manually Uploading and Deleting COUNTER Data](#).

## New SUSHI Vendor

### April 2019 Acquisitions

The Journal of the American Podiatric Medical Association is now available as a SUSHI vendor. It supports reports types:

- JR1
- JR1GOA
- JR2
- JR5
- BR3

- PR1

See [SUSHI-Certified Vendors](#).

---

## Authority Search Results

### April 2019 Resource Management SF: 00494143 00207933

Two additional fields appear in authority search results, **Vocabulary** and **Originating System ID**. These fields are available for all vocabularies. In addition, **Ranking** is now available as a sort option for the results.

Watch the [Sort Authorities Search Results by Rank](#) video (1:07 min).

---

## General Publishing Profile Duplicate Action

### April 2019 Resource Management

For general publishing profiles, there is a new **Duplicate** action that can be used to duplicate an existing profile. See [Working with an Existing General Publishing Profile](#) for more information.

---

## PubMed

### April 2019 Resource Management SF: 00582428 00610965 00618314 00640533 00641937

To address the changes made by PubMed to its FTP processing (from multiple FTPs to a single FTP), the Alma PubMed publishing profile now handles the new PubMed process. See the [PubMed Publishing Profile Configuration Options](#) table for more information.

---

## General Publishing – Full Publishing Improvements and New Republish Action

### April 2019 Resource Management

As part of our continued efforts to improve performance and efficiency, additional changes were implemented for the general publishing process. As described in the March release, these changes ensure that your publishing jobs are completed more quickly and within predictable timelines. The main improvement is that the General Publishing infrastructure works in an incremental mode. This is the new standard processing mode. **Republish** and **Include all records each time file is published** replace the previously available publishing mode options. See below and the [Publishing and Inventory Enrichment \(General Publishing\)](#) section for more information.

We recommend that you test the existing full publishing processes on your sandbox environments. Note the following:

- General publishing jobs that publish to an FTP server have an option to include all records. This option enables including the full set of records in the published FTP files. Existing FTP publishing profiles that were previously configured as **Full** have this option turned on by default.
- When enriched information needs to be recalculated after enrichment configuration changes (such as a change in Library name or update of normalization rules or enrichment options), records that were not modified since the last run are not published with the new data. To republish the entire set with the new data, a new republishing option, **Rebuild Entire Index**, is available.
- OAI publishing profiles always work in incremental mode and also include deleted records. However, it is still possible to harvest the full set of records using OIA, which includes the deleted records. To do this, do not specify a **From Date** parameter on the OAI request. If the target to which you are publishing cannot process record deletions, use FTP publishing with the option to include all records described above. Alternately, use the new **Republish** option, **Rebuild Entire Index**, to republish the whole set as new. This option has the same result as the previously available (prior to

April 2019) Full publishing mode.

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

---

## Importing Different Inventory Types

**April 2019 Resource Management SF: 00559898 00625088 00627325 00629278 00168668 00223287 00348982 00400376**

When you import records with a single match, you can now configure the import profile to use inventory type as a criteria for a match. This enables you to maintain separate bibliographic records for electronic and physical inventory types of the same title. See [Single match - match only record with the same inventory type \(electronic/physical\)](#) for more information.

---

## Receiving Number and Weeding Number Item Sequences

**April 2019 Resource Management**

To better manage the physical inventory receiving and weeding workflows Alma now provides two new optional item level sequences :

1. Receiving Sequence - Upon receiving workflow, generate a 'Receiving' sequence number that is stored as part of the item.
2. Weeding Sequence - When weeding items, generate 'Weeding' sequence number that is stored as part of the item.

Both sequences will be added to Analytics in a future release.

New item sequences are now available for receiving and weeding. With this addition, the **Inventory Number** feature configuration (previously **Configuration Menu > Resources > General > Inventory Number**) was expanded to include receiving and weeding, and was renamed **Item Sequences (Configuration Menu > Resources > General > Item Sequences)**. The **Receive** label will be changed to **Receiving** in a future release. See [Configuring Physical Item Sequences](#) and [Managing Physical Resources](#) for more information.

---

## Local Authority Record Edit Option

**April 2019 Resource Management**



**Idea Exchange SF: 00171070 00181094 00032996 00033020 00037686**

When you use F3 in the MD Editor and view a local authority record, there is a new action **Edit** to edit the local authority record. Edit is also available when viewing a local authority record using Browse Bibliographic Headings. See [Viewing and Linking to an Authority Record](#) for more information.

---

## Portfolio Loader and Extended Export Group Settings

**April 2019 Resource Management**

The Portfolio Loader and portfolio extended export were expanded to include group settings for coverage. The following columns are now included: GROUP\_FROM\_YEAR, GROUP\_TO\_YEAR, GROUP\_FROM\_MONTH, GROUP\_TO\_MONTH, GROUP\_FROM\_DAY, GROUP\_TO\_DAY, GROUP\_FROM\_VOLUME, GROUP\_TO\_VOLUME, GROUP\_FROM\_ISSUE, GROUP\_TO\_ISSUE, GROUP\_PUBLICATION\_DATE\_OPERATOR, GROUP\_PUBLICATION\_DATE\_YEAR, GROUP\_PUBLICATION\_DATE\_MONTH, GROUP\_PROXY\_ENABLE, GROUP\_PROXY\_SELECTED,

GROUP\_AUTHENTICATION\_NOTES, and GROUP\_PUBLIC\_NOTES. See [Portfolio Loader](#) for more information.

---

## Additional ID for Hold Request Management

April 2019 Fulfillment



### Idea Exchange

A new ID, **Additional ID**, is now available for requests in order to assist with hold shelf sorting. It can be added in the following places:

- Pick from shelf task list - The ID is hidden by default and can be added in the manage column display menu.
- Pick from shelf slips
- Hold shelf slips
- Hold shelf email to the patron
- Circulation desk - When defining the circulation desk, **Additional ID** appears as one of the values on the **Hold shelf sorting** drop-down list.
- Active and Expired Hold Shelf task lists - The **Additional ID** is hidden by default and can be added in the manage column display menu. The **Sort by** option includes **Additional ID**. When selected, the whole list is sorted based on this ID. Otherwise, the **Additional ID** is used as a secondary sort to the primary sort order. So if two or more records have the same primary value, those records then sort on the **Additional ID** value.

The ID can be added to the XSL files of the above mentioned email and printouts.

Use **hold\_shelf\_additional\_id\_regex** to configure the format of the ID using regular expressions. See [Configuring Other Settings \(Fulfillment\)](#).

---

## Link Network Zone Users to Institution Zone Users

April 2019 Fulfillment - Resource Sharing / Collaborative Networks

A new scheduled job is available for Network Zone institutions from the [Configuration Menu > User Management > General > User Jobs Configuration](#) page of the Network Zone. This maintenance job is recommended for institutions that use the centrally managed users option on their Network Zone. The job runs routine health check procedures to verify the coherence and completeness of the zone's user network.

---

## Local Param Subfield Delimiters

April 2019 Analytics SF: 00552735 00607595 00639428 00640249

For local holdings fields that are added as local parameter fields (local param) in Alma Analytics, subfields can be maintained. When enabled for your institution, fields/subfields appear in Alma Analytics with the Alma subfield delimiter (either \$\$ or ‡) used to delimit the subfield content. This is in addition to the previously available capability for bibliographic fields. See [Local Param](#) for more information.

Contact Support to enable this feature. Note that reindexing is required to fully implement this capability.

---

## Update Library Opening Hours

April 2019 Administration and Infrastructure



## Idea Exchange

An import action is now available on the Calendar Management page to allow you to bulk update calendars using an Excel spreadsheet.

Watch the [Update Library Opening Hours via Excel Import](#) video (3:20 min).

See [Configuring Institution/Library Open Hours](#).

---

## DARA – Data Analysis Recommendation Assistant

### March 2019 DARA

DARA



is a new service for Alma that provides you with recommendations to improve your workflows and better optimize your usage of Alma. Currently, DARA is available to optimize your SUSHI vendors. DARA can determine when it is beneficial for you to create a SUSHI account and have usage information harvested automatically from the vendor. DARA guides you through the steps to implement the recommendation. In future releases, additional recommendation types will be added.

For more information, see [DARA](#).

For a video describing DARA, see [Introducing DARA!](#) (1:37 min).

---

## OASIS Availability, Pricing, and Ordering

### March 2019 Acquisitions

The Check Availability and Pricing tool that was introduced in January 2019 is now available without intervention required from Ex Libris Support. The page enables Purchase Request Operators/Managers and Purchasing Operators/Managers to search ProQuest OASIS (Online Acquisitions and Selection Information System) for resources, view pricing information for the retrieved records, and—for purchasing operator/managers—place orders. The orders can now be placed simultaneously in Alma and OASIS in two new ways.

- From the Check Availability and Pricing page, selecting the **View in External Vendor** button takes you directly to OASIS where you can create an order. If the API is configured, the order in OASIS creates an accompanying PO line in Alma.
- From the Check Availability and Pricing page, selecting the **Create Order** button creates an Alma PO line. Once the PO line details are updated, the order can be sent directly to OASIS by selecting the **Integrate with OASIS** button on the Purchase Order Line Details page.

Watch the [Check Availability and Pricing at Select External Vendors \(OASIS and More to Come\)](#) video (3:32 min).

See [Check Availability and Pricing](#).

---

## Include an Item Description in the Subject of the PO Line Claim Letter

### March 2019 Acquisitions

The subject of the PO Line Claim letter (letter code: POLineClaimLetter) can now be configured. For all PO line types, the PO line number and title can be included in the email subject. If the PO line type is physical continuous, the item description can also be included. For non-predicted continuous orders, the expected received date can be included.

See [Configuring Alma Letters](#).

---

## Managing Vendor Accounts at the Library Level

### March 2019 Acquisitions

It is now possible to assign users a Vendor Account Manager role, allowing them to manage only the vendor accounts and not the entire vendor record. Vendor account management can be limited to the library level.

A vendor account manager in the scope of a library can view only vendor accounts whose vendor type is **Material Supplier** and are available for this scope. All vendor accounts in this scope can be edited. If a vendor account is available for two libraries and the user has the Vendor Account Manager role in either library, the user can see the vendor account. In order to edit or delete the vendor account, though, the user must have the Vendor Account Manager role in the scope of both libraries.

A Vendor Account Manager in the scope of the institution can view all vendors and edit all vendor accounts in any vendor. See [Managing Vendors](#).

---

## Restore Record Version Privilege

### March 2019 Resource Management

A new privilege, **Restore Record Version**, was created for the Cataloger, Catalog Manager, Catalog Administrator, and Cataloger Extended roles to restrict the ability to restore a previous version of a record in the MD Editor. By default, the Restore Record Version privilege is enabled for these roles—that is, no change to the existing functionality. See [View Versions](#) for more information. Contact Ex Libris Support if you want to implement this privilege/restriction for one or more of these roles.

---

## SBN Authority Options

### March 2019 Resource Management

Additional authority search options are available for SBN. See [Searching for SBN Authority Records](#) for more information. The Manage Location Information feature was added for authority records. See [Sending Location Information and Updating the UNIMARC 899 Field in Alma](#) for more information.

---

## Related Record Physical Inventory for UNIMARC

### March 2019 Resource Management SF: 00496741

Similar to the MARC 21 implementation, Alma supports the use of specific item information for UNIMARC. With this capability, you can control the display of specific holdings/items as indicated in the related record. This physical inventory information appears in the Primo Get It tab and in Alma repository search results (for an All Titles search) when configured. See [display\\_specific\\_related\\_items](#) for the Alma configuration information.

---

## Alternative Call Number Label

### March 2019 Resource Management

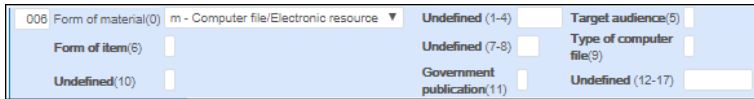
The alternative call number label was changed to item call number throughout Alma.

---

## 006 Field in the MD Editor

**March 2019 Resource Management SF: 00456037 00478243 00512659 00571206 00603487 00631463 00142357 00142859 00212475 00414812 00048900 00100246 00116044 00125472 00136308**

The MD Editor form for the 006 field now correctly displays the options that correspond to the form of material that you select from the **Add form of material for 006** pop-up that appears when you create the 006 field. See the example below.



As part of this change, there is a new validation task for the MARC 21 metadata configuration called **Validation Form of Material MARC21** that was added to the **Marc21 Bib validation on save** process. This task was automatically added to the validation process except for institutions that have configured this process. For institutions that have configured the validation process, you need to manually add the **Validation Form of Material MARC21** task to the validation process. See [Editing Validation Processes](#) for more information.

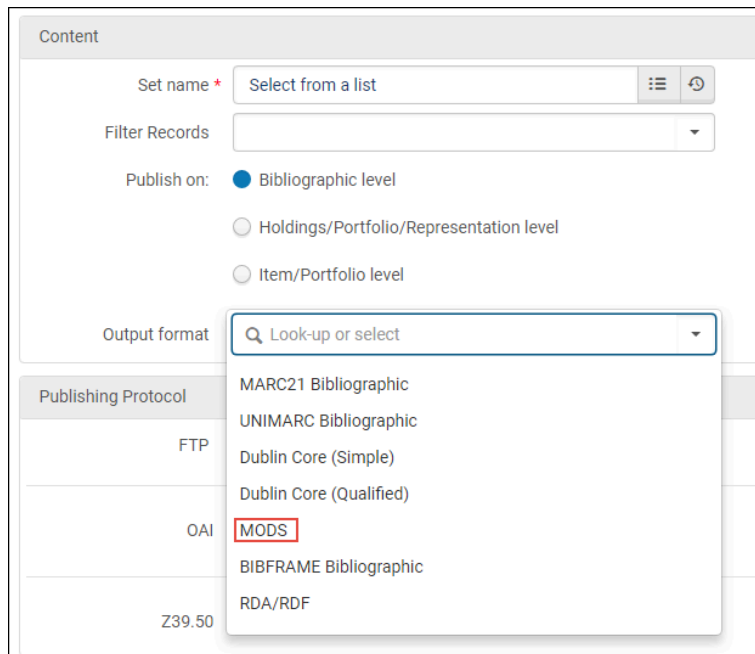
Watch the [Metadata Editor: Edit the 006 Field in Context-Sensitive Form Editor](#) video (1:23 min).

---

## Publishing Bibliographic Records in MODS Format

### March 2019 Digital Resource Management

You can now publish bibliographic records in MODS format. To support this feature, the option to select **MODS** is now available from the **Output format** drop-down list when configuring publishing profiles ([Resources > Publishing > Publishing Profiles](#)).



### MODS Output Format

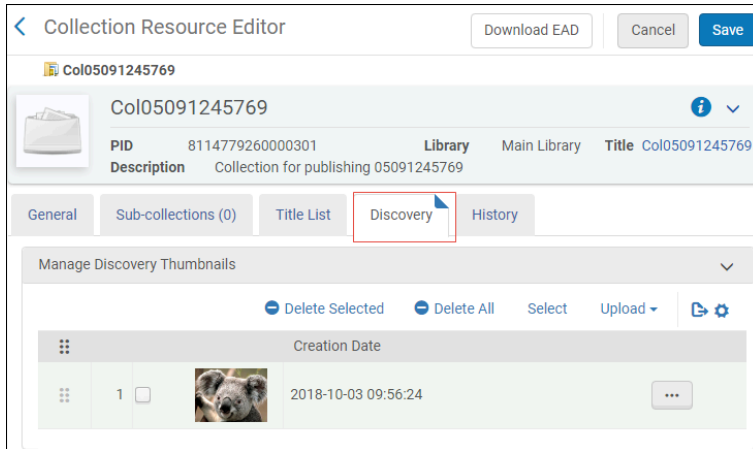
---

## Configure Images for Collection Discovery Lobby

### March 2019 Digital Resource Management SF: 00601502

You can now manually select a group of images to appear in the Collection Discovery Lobby of your discovery interface. This feature is currently enabled for Primo VE users, including the option to **View in Discovery** from the Alma configuration

page. The feature will be expanded to standard Primo users in the future. To support this feature, a new **Discovery** tab was added to the Collection Resource Editor (**Resources > Manage Collections > Edit Collection**):



### Discover Tab

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

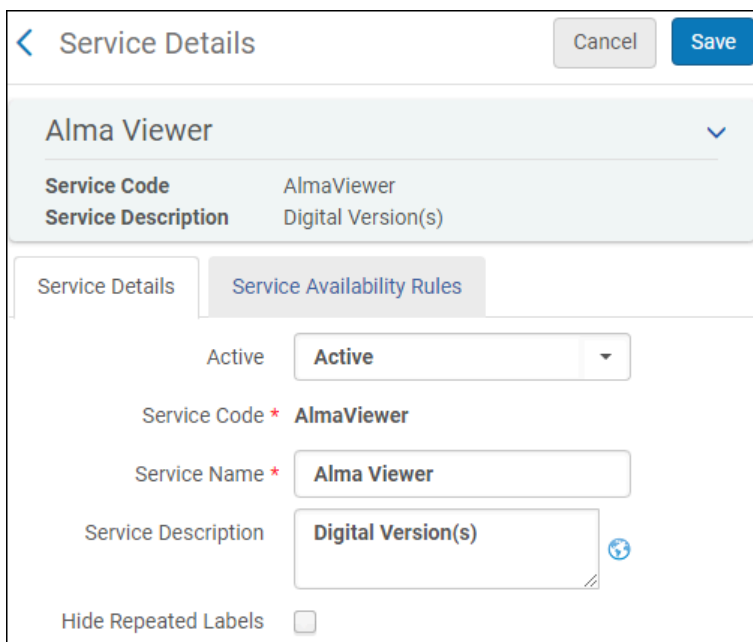
---

## Improve Display of Multiple Values with the Same Label in Digital Viewers

### March 2019 Digital Resource Management

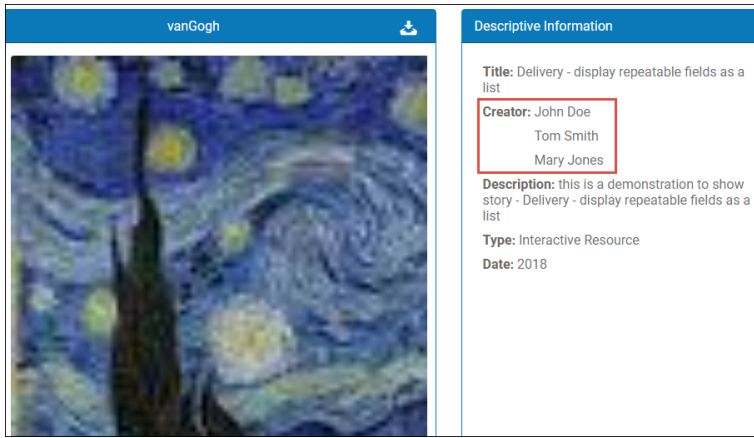
The display of multiple values with the same label in the metadata of digital viewers was enhanced.

- For the Alma Viewer only – you can configure the Alma Viewer to hide repeated uses of the same label for each value under the label. Now the label appears once with all of the values listed under it. To support this feature, the new **Hide Repeated Labels** check box was added to the configuration page for the Alma Viewer (**Configuration > Fulfillment > Discovery Interface Display Logic > Viewer Services > Alma Viewer**).



### Hide Repeated Labels Checkbox

Select the check box to hide repeated labels and display the label once with all of the values listed under it.



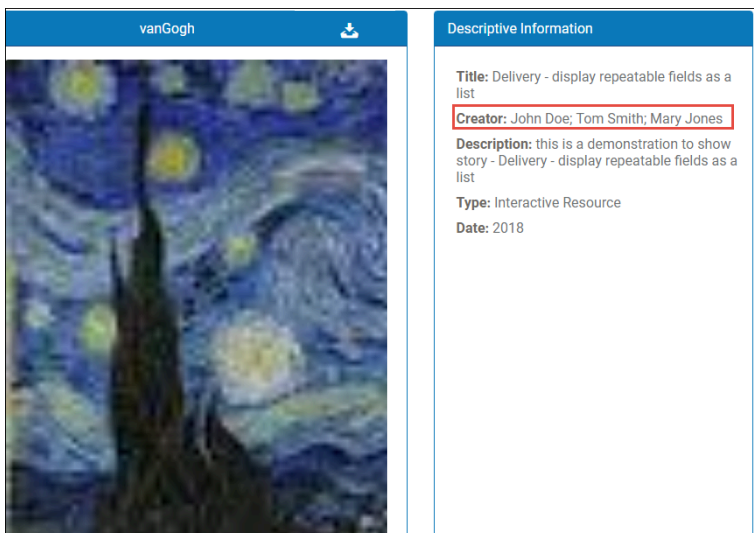
### Hide Repeated Labels

- For all digital viewers – add a delimiter to a list of metadata with repeated labels. To support this feature, the new **Delimiter for Grouping Repeated Delivery Metadata** field was added to **Configuration > Fulfillment > Discovery Interface Display Logic > Other Settings**.



### Delimiter for Grouping Delivery Metadata with Repeated Labels

Enter a delimiter in this field to display metadata with the same label separated by the delimiter.



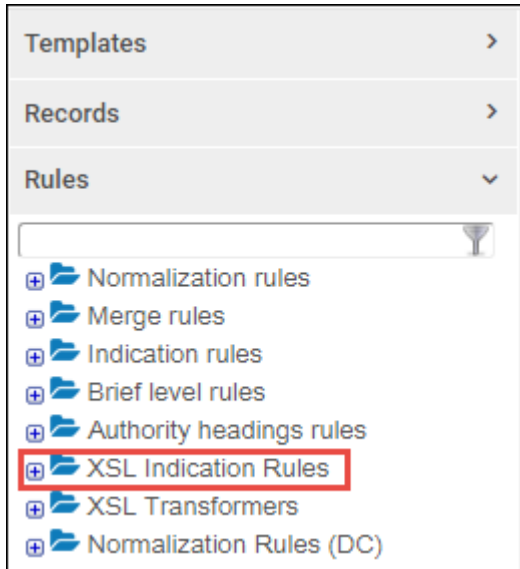
### Separate a List of Metadata with a Delimiter

## XSL Indication Rules Added to Support Dublin Core

### March 2019 Digital Resource Management

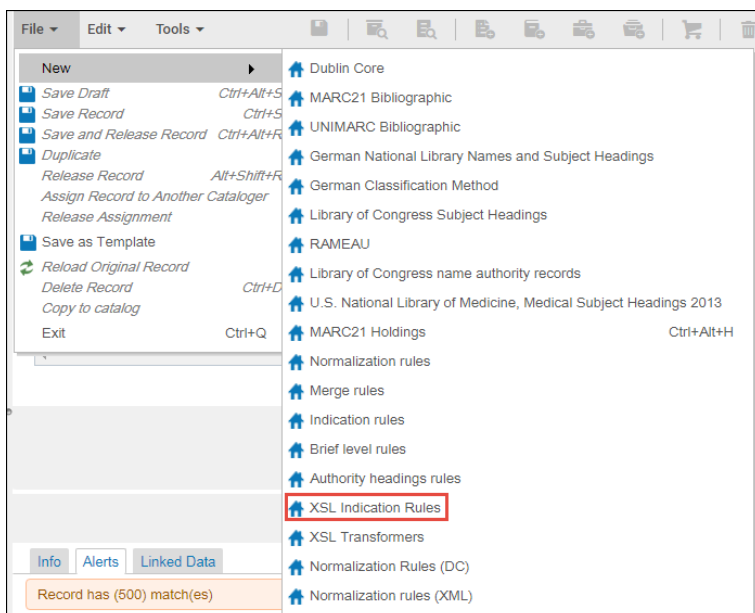
XSL indication rules were added to support bibliographic records in Dublin Core format. To support this feature, XSL indication rules are available for Dublin Core records in the following locations:

- In the MD Editor, under rules:



#### MD Editor Indication Rules

- In the MD Editor under the **File > New** menu:



#### MD Editor New Indication Rule

- In the **Filter out the data using** drop-down list of the Normalization and Validation tab, when configuring digital import profiles:

### Digital Import Profile Indication Rules

- In the **Indication Rule** drop-down list, when filtering sets of digital titles:

### Filter Set Indication Rules

- In the **Filter Records** drop-down list, when configuring publishing profiles:

### Publishing Profile Indication Rules

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

---

## General Electronic Service Availability Rules

### March 2019 Fulfillment



**Idea Exchange SF: 00486594 00162113 00054535 00092091 00096968 00113978**

Library and location parameters are now available to be added to the availability rules for item and title level general electronic services. Additionally, the following parameters are available for item-level general electronic services so that the item metadata can be used to determine if the service is displayed:

- material\_type
- item\_policy - values are populated from the institution's Item Policy table. See [Configuring Item Policies](#).
- process\_type
- base\_status - values are **Item not in place** and **Item in place**

See [Configuring General Electronic Services](#).

---

## Locate Physical Items with Metadata

**March 2019 Fulfillment - Resource Sharing / Collaborative Networks SF: 00583746 00587365 00590747 00594319 00608628**

The locate process for resource sharing requests is optimized for resource sharing partners that share a Network Zone when the request was placed following a search in the Network Zone discovery system. The new **Allow locate by metadata** field, configurable on the Partner page, enables the locate process to be successful even if the request between partners that share a Network Zone was not placed from the shared Network Zone discovery system. In this case, the locate process will use the request's metadata to find a match in the partner's catalog.

This option allows borrowers that share a Network Zone with the lenders to create resource sharing requests for records that are not shared in the Network Zone. It also allows hold requests to be converted to resource sharing requests even if the borrower and lender share a Network Zone.

---

## Tipasa NCIP Integration

### March 2019 Fulfillment - Resource Sharing

It is now possible to integrate Alma with Tipasa as a broker. The Tipasa integration is similar to the other broker integrations in Alma. The following messages are supported by this integration:

Borrower Side:

- Accept Item – When physical item is received
- Check In Item – When physical item is sent back to the lender
- Create User Fiscal Transaction – For creating a request fee

Lender Side:

- Check Out Item – When item is shipped to the borrower
- Check In Item – When item is received back from the borrower

---

## Perform Locate Based on Electronic Coverage

### March 2019 Fulfillment - Resource Sharing

The **Manage Fulfillment Options** row action on the Lending Resource Sharing task list displays the local resources that the lender can use to fulfill the lending request. If you set the **rs\_uresolver\_locate parameter** to **true**, Alma suggests electronic services only if the coverage-related information (volume, issue and publication date) on the resource sharing request matches the coverage of the local electronic resource. See [Configuring Other Settings \(Fulfillment\)](#).

---

## Asynchronous BLDSS Requests

### March 2019 Fulfillment - Resource Sharing



#### Idea Exchange

You may now send an asynchronous resource sharing request to the British Library using the BLDSS API without a successful locate result. If a match is unsuccessful because the locate process fails or if the locate process was not run, the request can now be sent. To allow this, you must select the **Allow Asynchronous Request** check box on the BLDSS **Parameters** tab of the **Partner** page. The check box is selected by default for new customers going live in March 2019 or later.

The automatic runs of the Update BLDSS Requests job will now be increased to eight times a day.

See [BLDSS Parameters](#).

---

## Delete Completed Resource Sharing Requests

### March 2019 Fulfillment - Resource Sharing SF: 00156022 00159972 00210796 00053012 00106001 00136614

A new weekly job, **Resource Sharing Completed Request Cleanup**, allows you to remove requests from the resource sharing task list based on the request status and the number of days since the request reached a final status.

Final statuses for borrowing requests are:

- Canceled by partner
- Canceled by patron
- Canceled by staff
- Digitally received by library
- Expired
- Request completed - This is the final status before removal, and may be manually set.

Final statuses for lending requests are:

- Shipped digitally
- Request completed - This is the final status before removal, and may be manually set.

Any request that is in one of the statuses above and is in the range of the request age (base on the request modification date) will have its status changed to **Deleted**. Deleted requests will not appear in the active and completed task lists. After the request is deleted, it is viewable only in analytics.

See [Viewing Scheduled Jobs](#).

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## Related Portfolios

### February 2019 Resource Management



#### Idea Exchange SF: 00585863 00590358

In the Electronic Portfolio Editor, a new **Related Portfolios** tab was added. From this tab, you can view and work with the other portfolios that are linked to the same bibliographic record. This provides an easy way to check what coverage may be available for the title across providers in addition to the coverage identified for the portfolio that you are editing. See [Editing a Portfolio Using the Electronic Portfolio Editor](#) for more information.

---

## Upload Electronic Holdings from Springer

### February 2019 Resource Management

A new integration profile was added to Alma for automatically uploading holdings files from Springer for the following electronic collections: SpringerLink Journals - AutoHoldings and SpringerLink Books - AutoHoldings. See [Upload Electronic Holdings from Springer](#) for more information.

Note that support for multicampus sites will be available in upcoming releases.

---

## OCLC and Libraries Australia Symbol Handling

### February 2019 Resource Management SF: 00622935 00141969 00141970 00001360 00002802 00016821 00017269 00018734 00018861 00034367 00035357 00094709

The symbol mapping table for OCLC and Libraries Australia was expanded to include location. With this addition, you can publish the symbol for a library and location level in addition to the existing library and institution levels. The symbol that is published is determined by the symbol configuration that you have stored in Alma. See [Initial Publishing Activities with OCLC](#) and [Libraries Australia Publishing Profile](#) for more information.

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## Enhancements to Digital Uploader

### February 2019 Digital Resource Management




Several enhancements were implemented for the Alma Digital Uploader, including the following:

- The user interface of the Alma Digital Uploader was aligned with Alma's look and feel.
- The **Status** column was added to the Ingest Details page.
- Metadata files added to the ingest are validated. Invalid files are not uploaded and are colored in red.
- Metadata files are marked with an identifying image.

Ingest Details

Name \* flowers ID 2ud09pta0zxcjs1bpbvzb7

+ Add Files Upload All Start Over

File Name	Size	Status
 flower 1.jpg	97.23 KB	Pending Upload
103775_102945.pdf	124.36 KB	Pending Upload
 paint 1.jpg	22.10 KB	Pending Upload
 marc.xml	1.27 KB	<p>❌ Error: Metadata file marc.xml is invalid (ParseError at [row,col][6,33] Message: Attribute name "olfield" associated with an element type "marc:contrdfidfidfd" must be followed by the '=' character.)</p>

Cancel OK

## Enhancements to Digital Uploader

### Copy Function Added to Remote Repository Configuration

#### February 2019 Digital Resource Management

The **Duplicate** row action was added to the list of remote repositories (**Configuration > Resources > Record Import > Remote Digital Repositories**). It copies the remote repository configuration (including transformer rules and delivery configurations) with the following changes:

- The Remote Repository Name field is `Copy of <original name>`
- The Remote Repository Code field is `<orig code>_<current unixtime>`
- The Status field is set to **Inactive**

### Display Logic Rule Enhancements

#### February 2019 Fulfillment SF: 00001218 00017814 00095510 00121549 00130381

On the Discovery Interface Display Logic page, two new row actions, **Edit** and **Duplicate**, are now available for rules. A selected group of rules can also be activated with the **Activate Selected** action. See [Configuring Display Logic Rules](#).

### Physical Item-Level General Electronic Services

#### February 2019 Fulfillment

You can now define general electronic services at the item level, which adds the service on each item line. Item data can now be sent in the open URL. A new **Item Level** radio button is available on the Service Details page when **Get It** or **None** is selected in the **Display Location** field. When **Item Level** is set to **yes**, the link appears next to each item that matches the input rules and does not appear on the holdings level.

When a service is defined as item-level, data from the holdings and item records can be sent in the open URL.

When selecting the **if exists service** value in the display logic rules, item-level services do not appear on the list.

---

## Note

- This enhancement applies to Primo. The functionality will be added for Primo VE in an upcoming release.
- Availability rules will be available in the March 2019 release.

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See [Configuring General Electronic Services](#).

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## Retroactively Anonymize Old Requests

### February 2019 Fulfillment SF: 00584933

The existing Anonymization job now retroactively anonymizes existing completed requests (which were not yet anonymized) when the **should\_anonymize\_requests** customer parameter is set to **true**.

See [Security and Data Privacy](#).

---

## Perform Locate Based on Electronic Coverage

### February 2019 Fulfillment - Resource Sharing

The locate process was enhanced to check the rota members' electronic resources' coverage. If the borrower resource sharing request is submitted with volume/issue information and the locate profiles are not set to ignore electronic resources, Alma runs the locate action on the request's rota using the volume/issue information. This is similar to how the Alma link resolver finds services in the lender's catalog. The locate process includes only partners for which the matching electronic resource has coverage information that matches the volume/issue information on the borrower request.

When defining the parameters for locate profiles, the **Ignore Physical Resources** field is now available. Selecting this field means that the locate process does not check physical resources and does not use the **locate by**, **check item availability**, or **requestability** fields.

The locate process now functions as follows:

- When **Ignore Physical Resources** is not selected and **Ignore Electronic and Digital Resources** is selected, Alma performs the locate process only for physical resources based on the bibliographic record.
- When **Ignore Physical Resources** is selected and **Ignore Electronic and Digital Resources** is not selected, Alma performs the locate process only for electronic resources, similar to how the link resolver works, using the request's volume/issue information and the lender's coverage data.
- When **Ignore Physical Resources** and **Ignore Electronic and Digital Resources** are both unselected, Alma performs the locate process for physical resources based on the bibliographic record, and for electronic resources similar to how the link resolver works, using the request's volume/issue information and the lender's coverage data. The electronic locate check is performed first.

In order to make the locate process for electronic resources consider coverage information similar to how the Alma link resolver would find services, you must set the **rs\_uresolver\_locate** parameter to true (See [Configuring Other Settings \(Fulfillment\)](#)).

See [Adding Locate Profiles](#) and [Borrowing Locate Process](#).

---

## Convert Borrowing Requests to Patron Physical Item Requests

### February 2019 Fulfillment - Resource Sharing



#### Idea Exchange

When a borrowing request is created and a local resource matches the request, if the operator chooses to create a request, the borrowing request data automatically populates the relevant fields in the request and gives the operator the option to cancel the borrowing request.

If the **Request Note** field is populated in the borrowing request, it is copied to the **Note** field of the request. In addition if any of the following fields are populated, they are copied into the **Note** field, along with the name of the original field:

- Volume
- Issue
- Article
- Part
- Chapter
- Pages

Select the **Cancel RS Borrowing Request** check box on the **Create Request** page to delete the resource sharing borrowing request. A new cancellation reason is assigned to the borrowing request, **The resource sharing request was canceled because the resource was found in your institution. A local request was created instead.** If the borrowing request cannot be canceled, the local request is still created.

See [Managing Resource Sharing Borrowing Requests](#).

---

## User Preferred Name

### February 2019 Administration and Infrastructure / APIs



#### Idea Exchange

The Alma user profile was expanded to include parameters for a user's preferred name. The API and SIS options for creating and updating users also include the user's preferred name. These parameters are indexed and searchable with the **Users** search option. System notifications and letters that incorporate name information can be updated to use a user's preferred name. In a future release, display options will be provided. For more information, see [Preferred first / middle / last names](#) on the [Managing Users](#) page and the Ex Libris Developer Network for [API](#) and [SIS](#) details.


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## Keep Up with Alma Widget

### February 2019 Administration and Infrastructure

As of the February release, all Alma users see a new widget, **Keep Up With Alma**, in the top left-hand corner of the Alma dashboard. This widget highlights new Alma features and will help you keep up with Alma's many new developments, drawing your attention to important aspects of current functionality. Note that you can move the widget to a different part of your dashboard or remove it from your dashboard entirely at any time.

Keep Up with Alma ▼



See the new recently launched [Ex Libris Developer Network](#)

Featuring an updated and responsive design, a new API console, redesigned API key management and reports, and an enhanced sharing platform.

? See more exciting new features! [↗](#)

💡 Share your great ideas with us and help us improve Alma. [↗](#)

### Keep Up with Alma Widget

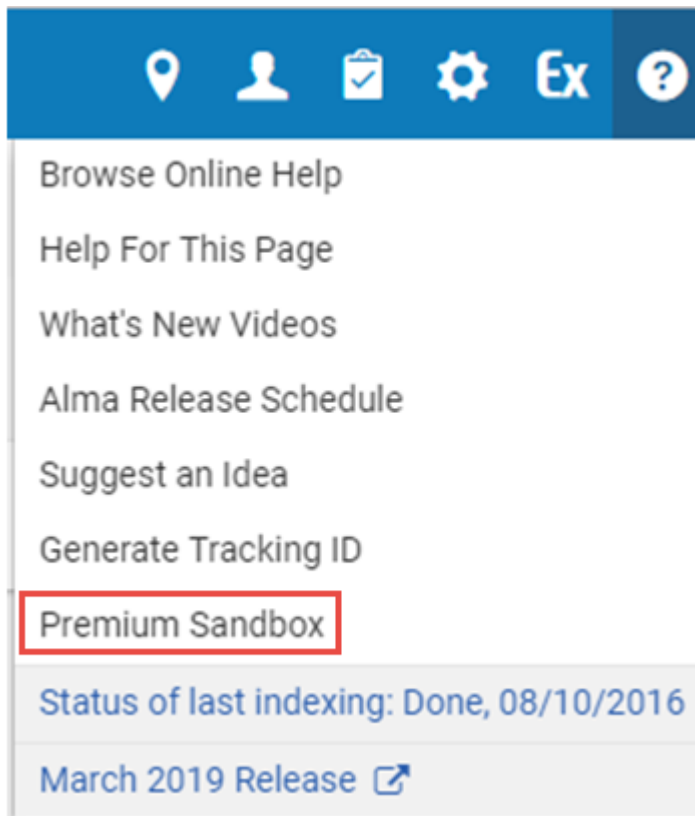
---

## New Premium Sandbox Policy

### February 2019 Administration and Infrastructure

As previously announced, Ex Libris is updating the premium sandbox policy for all of the products that run on the cloud platform (Alma, Primo VE, Leganto, and Esploro) and upgrading the premium sandbox environment's underlying technology. For detailed information on the new policy, see [Ex Libris New Premium Sandbox Policy: Frequently Asked Questions](#).

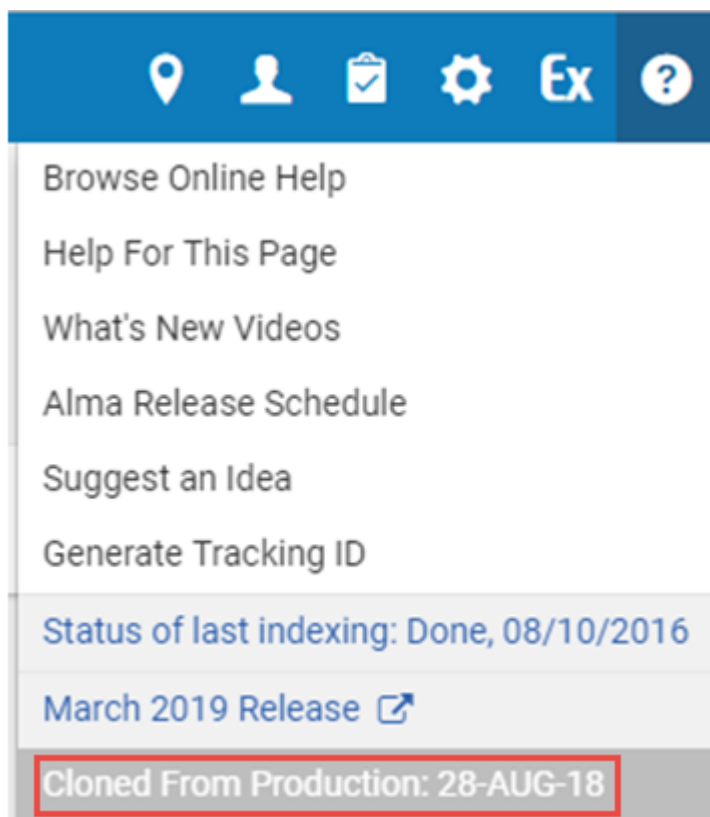
As a result of the new policy, the Sandbox Management page in the Configuration menu and the sandbox widget on the Alma home page are being removed as of February 10th. Instead, in your production environment, there is now a link to your premium sandbox from the **Help** menu (available as of February 10th):



The screenshot shows a blue navigation bar with icons for location, user, checklist, settings, 'Ex', and help. Below the bar is a dropdown menu with the following items: Browse Online Help, Help For This Page, What's New Videos, Alma Release Schedule, Suggest an Idea, Generate Tracking ID, **Premium Sandbox** (highlighted with a red box), Status of last indexing: Done, 08/10/2016, and March 2019 Release [↗](#).

### Premium Sandbox Link in Help Menu

In your sandbox environment, the date of the last clone from production appears:



#### Date of Clone from Production

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## Currencies Without the Decimal Point

### February 2019 Administration and Infrastructure

For currencies such as the Japanese Yen that need to be presented without a decimal point, there is a new customer parameter to enable this formatting. See [truncate\\_decimal\\_fraction\\_amount](#) for more information.

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## Check Availability and Pricing

### January 2019 Acquisitions

A new tool enables purchasing operators to search Proquest OASIS (Online Acquisitions and Selection Information System) for resources, and to view pricing information for the retrieved records. In order to activate this feature, please contact Ex Libris support.

---

## Removal of Item Search in Amazon

### January 2019 Acquisitions

**Item Search in Amazon** was removed from the menu following issues with the Amazon integration. Ex Libris will re-evaluate possible enhancements of existing acquisitions workflows by integrating with Amazon APIs for a later redeployment.

---

## Note Field Added to the Primo Purchase Request

### January 2019 Acquisitions

The Primo (and not Primo VE) Purchase Request form now contains an optional **Requester Note** field. For existing customers, it is disabled by default and can be enabled in the Purchase Request Form Customization. This field previously existed in the Alma purchase request form only.

See [Customizing Primo Request Forms](#).

---

## Delete Interested Users in Closed PO Lines

### January 2019 Acquisitions SF: 00552434 00581443

You can now control deletion for interested users in all closed and canceled PO lines. Set the **po\_line\_remove\_interested\_users** to **true** to allow the entries to be deleted. A new system job, PO Line - Delete interested users, runs weekly to delete users that are linked to closed or canceled PO lines.

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

---

## Price Note Added to the Invoice Line

### January 2019 Acquisitions

A new field, **Price Note**, is now available on the invoice line. The note appears on the Invoice Line Details page, in the Invoice Line List, and when the invoice lines are exported to a spreadsheet. The column is hidden by default in the Invoice Line List and can be added using the **Manage Column Display** button. The Price Note may also be imported when loading an invoice from an Excel file or by the RESTful API.

The screenshot displays the 'Invoice Line Details' page for PO-13913. The page includes a header with 'Cancel' and 'Save' buttons. Below the header, the PO number 'PO-13913' and vendor 'GOBI' are shown. The 'Invoice Line Details' section contains fields for 'Type' (Regular), 'Line number' (1), 'PO line' (POL-7880), and 'Title' (Chain of title : how three ordinary Americans uncovered Wall Street's great foreclosure fraud / David Dayen). The 'PO line price' is 27.95 USD and 'Fully Invoiced' is Yes. The 'Invoice Line Charges' section shows the 'Price' as 27.95 USD. The 'Price note' field is highlighted with a red box. Other fields include 'Total price' (27.95 USD), 'Quantity' (1), 'Reporting code' (LAWPRINT (not listed)), and 'Note'.

### Invoice Line Details Page

See [Creating an Invoice from a PO or Manually](#).

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## Copy Full URL for Public Trials

### January 2019 Acquisitions

The full URL for a trial can now be copied to the clipboard so the user can use it outside of Alma without the need to copy the partial URL and add the server name.

The screenshot shows the 'Trial Details' page in Alma. At the top, there are 'Cancel' and 'Save' buttons. Below that, the trial title is 'EBSCO Industries, Inc. SWOT Analysis (EBSCOhost Entrepreneurial Studies Source)'. The status is 'Draft', type is 'Public', and the reference number is 'POL-7779'. There are tabs for 'Summary', 'Survey Form', 'Participants', 'Analysis', 'Alerts', 'Attachments', and 'Notes'. Under the 'DETAILS' section, there are several fields: 'Name' (EBSCO Industries, Inc. SWOT Analysis (EBSC)), 'Title' (EBSCO Industries, Inc. SWOT Analysis (EBSC)), 'Start Date' (05/31/2016), 'End Date' (02/28/2017), 'Remind participants before trial ends (days)' (0), 'Available to public' (checked), and 'Contact' (Sprague, Carolyn). The 'Participant Page URL' field is highlighted with a red box and contains the text 'Copy to clipboard'. There is also a 'View Form' link at the bottom.

### Trial Details Page

Watch the [Get Full URL for Survey of an E-Resource Public Trial](#) video (1:07 min).

See [Managing Trials](#).

---

## Ordering a Centrally Managed Electronic Resource

### January 2019 Acquisitions / Collaborative Networks

You can now place an order on electronic resources that are managed centrally in the Network Zone even if they do not have a license of type **Negotiation**.

The functionality can be divided between those orders of centrally managed electronic resources that have a license negotiation, and those that do not have a license negotiation.

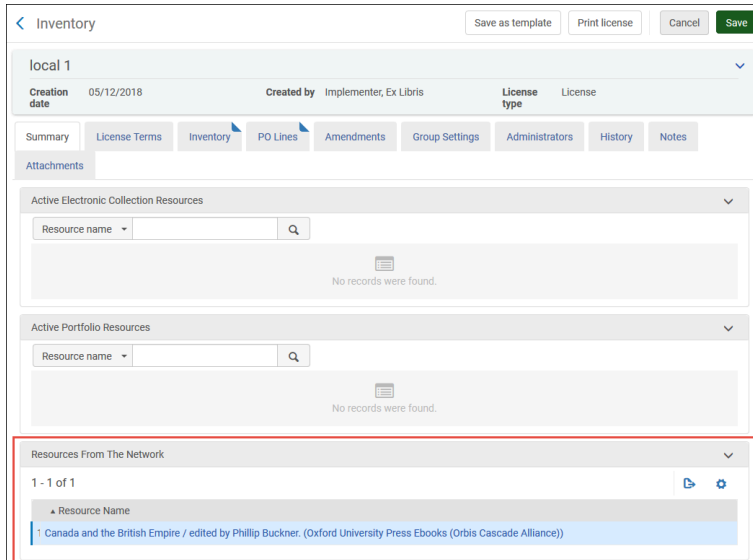
### Orders with a license negotiation

- If the license negotiation specifies that the resource is negotiated for the member, the order is created in the Institution Zone with all the negotiation information.
- If a license negotiation exists for the resource, but the resource was not negotiated for the member:
  - The user is prompted with the following message, "Please note that this resource has a negotiated license on the Network Zone and your institution is not part of it. Do you want to create a local order?"
  - The member can place an order, which is created in the Institution Zone and linked to the centrally managed resource. The member can then create a local license and associate it to a local order.

### Orders without a license negotiation

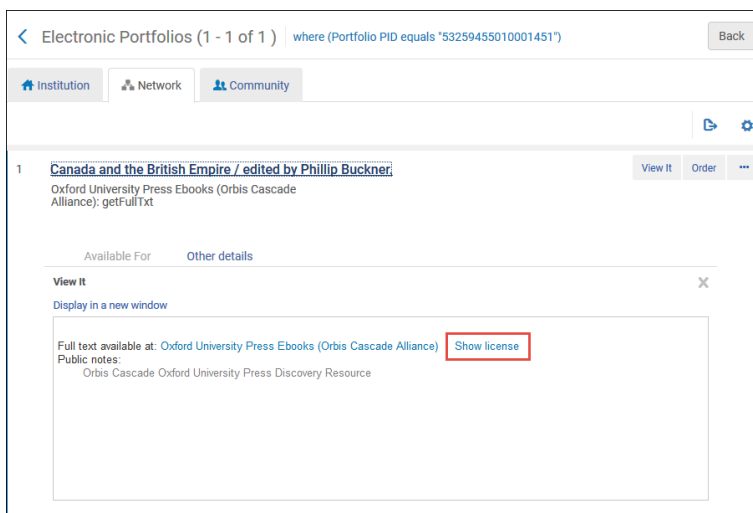
- If the resource is available for the member, as defined by the group configuration, it can be ordered with the **Order** action. The order is created locally and linked to the Network Zone resource.
- You can create a local license in the Institution Zone and associate it with the locally created order.

On the License Details page, in the **Inventory** tab, a new section, **Resources from the Network**, shows electronic collections and portfolios. This section is available for orders with or without a license negotiation.



### License Details Page - Inventory Tab

The local license can include terms of use that are viewable by the end user via the link resolver in the Primo **View It** tab. This action is available for orders with or without a license negotiation.



### Electronic Portfolio from a Network Resource

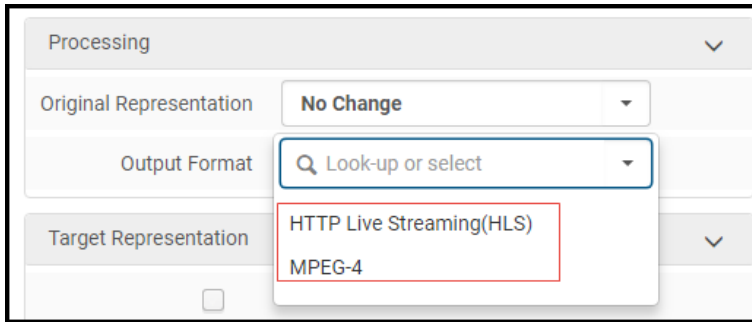
See [Ordering a Centrally Managed Electronic Resource](#).

## Support Streaming Video and Audio for Alma Viewer

### January 2019 Digital Resource Management SF: 00165705 00215803

The Alma Viewer now supports streaming video and audio. You can convert existing digital representations to streaming format using the new Media Conversion Job. The job creates a new representation for the converted format that Alma can use to display streaming video and audio.

The job has two output formats, **HTTP LiveStreaming (HLS)** and **MPEG-4**. Select **HTTP LiveStreaming (HLS)** to convert a digital representations to streaming format. Select **MPEG-4** to convert video and audio formats that are not compatible with the browser to MPEG-4 format.



### Streaming Video and Audio

For more information, see the [Media Conversion](#) job.

---

#### Note

Streaming format files are far larger than the original files.

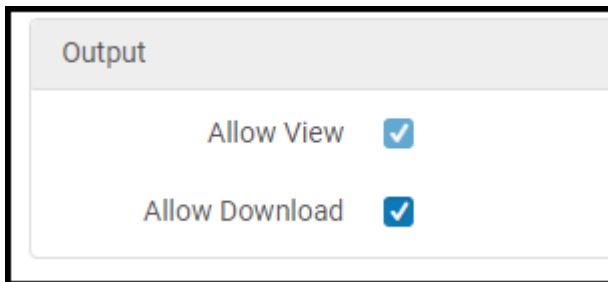
---

---

## Block File Download

### January 2019 Digital Resource Management SF: 00581066

You can now configure access rights to allow the display of digital files in the Alma Viewer, but block patrons from downloading the files from the viewer. To support this feature, the **Allow View** and **Allow Download** check boxes were added to the Access Rights Rule page. When the **Allow Download** check box is cleared, downloading the file is unavailable from the viewer and the **Download**, **Save As**, and **Print** buttons do not appear.



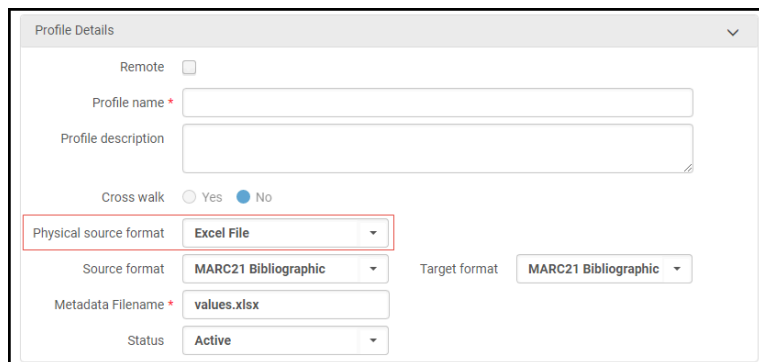
### Block File Download

---

## Support Excel as an Alma Digital Import Physical Source Format

### January 2019 Digital Resource Management SF: 00581080 00583175

Excel is now supported as a physical source format for non-remote digital import profiles.



### Excel Physical Source Format

For more information, see [Importing Records with CSV or Excel Files](#).

## Display Logic Rule Enhancements

### January 2019 Fulfillment



#### Idea Exchange SF: 00494112 00366748 00373168 00412601 00035318 00122128

The display logic user interface was enhanced, offering more flexibility in defining display logic rules.

The following syntax is applicable to the display logic rules: `Hide service <service> with Interface/collection With Value <interface/collection >if exists service <service>`. It is now possible to include multiple values for each place holder <>. The **With Value** field pick up list was replaced with a multiple select drop-down list. The field also now has auto-complete functionality, which allows you to begin typing a string that appears in any of the values.

As an example of the new syntax, a display logic rule displays as follows: `Hide service Full Text with Interface with value CCC Get It Now if exists service Full Text`. The full text service of CCC Get It Now is hidden if there is any other full text available.

Note that the next release will also include the ability to edit or duplicate a display logic rule and a more efficient way to order the display logic rules.

See [Adding Display Logic Rules](#).

## Multiple Printers for Circulation Desks and Work Order Departments

### January 2019 Fulfillment



#### NERS Enhancement (ID #5746) SF: 00179615 00234790 00016753 00021474 00123193

You can now assign more than one printer to a circulation desk or work order department, allowing each operator to select a printer individually from one of the defined printers. There is now a **Default Printer** option and a new **Additional Printers** multiple selection field in the **Printing Information** section of the circulation desk, and in the **General Details** section of the Work Order Department. When multiple printers are defined and the **Currently At** location is selected, the available printers are now also displayed in the drop-down list. Once the user has selected a printer, the selection is saved between sessions. If only one printer exists for a location, it is not necessary to select a printer. If the user has not selected a printer, the default printer is used.

See [Adding a Department](#) and [Adding a Circulation Desk](#).

---

## Process Type for Lost and Paid

### January 2019 Fulfillment



#### Idea Exchange SF: 00624220

When an on loan item's status is changed to **Lost** and the last lost or replacement fee is closed, the loan status can now be changed to **Lost and paid** and the loan is closed. For this to happen, the **close\_paid\_lost\_loan** parameter must be set to **true**. If the parameter is set to **false**, the previous behavior is enforced. The parameter defaults to **false** for existing customers and to **true** for new installations.

To support the new loan status, a new label is available in the Discovery Interface Labels, **c.uresolver.getit2.item\_list.status.LOST\_AND\_PAID\_LOAN.with\_no\_expected\_date**. Its default value is **Lost and Paid**.

There is a known issue that if a lost item's replacement fee is paid and the loan status is set to **Lost and paid**, when the item is then loaned to another user, the fee is not refunded to the original user as it should be.

See [Lost Loan Management](#).

---

## Preferred ID Based Services

### January 2019 Fulfillment / Administration and Infrastructure

To improve the Link Resolver linking hit rates, electronic services that use the provider's ID as the linking mechanism will now be presented as the first option in the Link Resolver **View It&** page regardless of the sort order defined in the Online Service Order.

The electronic services which use the provider ID as a linking mechanism are ProQuest and Gale.

To disable this option, on the Online Services Order page, set the **Prefer ID based Linking services** field to **No**.

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

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## Complete Reported Lost Item to Partner Borrowing Requests

### January 2019 Fulfillment - Resource Sharing

A borrowing request whose status is **Report lost item to partner** or **Report damaged item to partner** can now be changed to **Completed** by using the **Change Status** action. When the status is changed, the temporary item is removed and the loan is closed. A lending request whose status is **Lost and Fee Communicated** may now be changed to **Completed** using the **Change Status** action.

See [Managing Resource Sharing Borrowing Requests](#).

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## Support Conditional Message

### January 2019 Fulfillment - Resource Sharing

An ISO message can now be sent from a lender to a borrower to await a reply on certain lending conditions before fulfilling the request. In the Lending Request Task List, the new **Conditional** row action appears in the actions menu. The link

appears only when the item is not yet shipped and only for ISO partners that are defined in the Borrowing Workflow Profile as supporting the Conditional action. When the status of the request is **Conditional**, a new **Date for Reply** field also appears on the task list.

A Conditional widget is available to display the lending request task list with the status filtered to **Conditional** and the list sorted by **Date for Reply** in descending order.

When selecting the new action, a pop-up window is displayed with a mandatory **Reason**, a **Date for reply**, which is the last day the lender will wait to receive an answer from the borrower, and a **Note** field. When the message is submitted, the request status changes to **Conditional**. An ISO message is sent to the borrower and the lender awaits the response. The borrowing request then changes to **Conditional** status, and the **Date for Reply** field is displayed. A **Conditional Reply** action is displayed on the row action menu for the borrowing institution to respond. When the borrower selects the action, a window is displayed for the user to select **Yes** or **No** in response to the condition specified by the lender. If the response is **Yes**, the request status changes to **Sent** and **Date for Reply** field is cleared. If the response is **No**, the status changes to **Rejected by Partner** and continues to the next partner in the rota. When the response is returned to the lender, if the response value is **No**, the request is rejected. If the value is **Yes**, the **Date for Reply** field is cleared and the request status returns to **Created lending request**. The response is recorded in an audit note.

See [Managing Resource Sharing Lending Requests](#) and [Managing Resource Sharing Borrowing Requests](#).

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## Ex Libris Identity Service

### January 2019 Administration and Infrastructure

As a result of working with the Authentication Focus Group, Ex Libris decided to introduce the Ex Libris Identity Service, based on a dedicated identity management solution. This service replaces the internal authentication method previously used by live Alma customers, and all existing customers will be migrated to this service. After migration, all passwords for internal Alma users will be stored in the Ex Libris Identity Service, to be hosted by Ex Libris in its data centers. For more information on this new service, see [https://developers.exlibrisgroup.com/alma/integrations/user-management/authentication/exl\\_identity\\_service](https://developers.exlibrisgroup.com/alma/integrations/user-management/authentication/exl_identity_service).

This change is transparent to most users logging in to Alma or Ex Libris discovery systems. All Alma operators are prompted to change their passwords at first login after the Ex Libris Identity Service is implemented (according to the deployment schedule below), even if their passwords meet requirements. Patrons who attempt to log in to Ex Libris discovery systems with passwords that do not meet requirements are prompted to change their passwords (and the new passwords cannot be previously used passwords).

The following password considerations are now in place:

- The password strength cannot be configured. The password must be 8 characters long and cannot contain the user name. The **password\_regex** parameter is no longer considered.
- The password does not have an expiry date. The **days\_password\_change** parameter is no longer considered.
- The password locks for 30 minutes after five unsuccessful login attempts.

You can customize the Change Password dialog box that such users will encounter on the Internal Login Messages page in Alma (**Configuration menu > General > User Interface Settings > Identity Service Labels**). You can view the results of your changes by going to the following URL, which presents the Change Password dialog box: `https://<your Alma domain>/view/changePw?userId=<primaryIdOfAnInternalUser>&institutionCode=<inst code>&backUrl=<Primo's URL>` (for example, `https://sandbox02-eu.alma.exlibrisgroup.com/view/changePw?userId=exl_support&institutionCode=EXLDEV1_INST&backUrl=https://primoUrl.com`).

When a staff user enters a wrong user and password combination on the Alma login page, the error message now includes a **Forgot password?** link. It will link to the reset password page. In order to display a Forgot Password option in Primo/

PrimoVE, a configuration update is required. For more information, 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.](#)

The Reset Password Letter is sent to an individual user by selecting the **Reset your password for the identity service** option in the **Send message** drop-down list on the User Details page. The letter is sent to a group of users by running the Update/Notify Users job and selecting the **Identity Service mail** option in the **Send notification to user** drop-down list on the job parameters page.

### Note

The workflow for new customers also involves an email using the Reset Password Letter (letter code: ResetPwLetter), for which you can customize the XSL and labels.

The following deployment schedule applies to the Identity Service:

Date	Deployment
Dec 23 <sup>rd</sup> , 2018	Enable the Identity Service on Alma sandbox environments
Jan 13 <sup>th</sup> , 2019	Enable the Identity Service on APAC Alma Production environments
Jan 20 <sup>th</sup> , 2019	Enable the Identity Service on EU Alma Production environments
Jan 27 <sup>th</sup> , 2019	Enable the Identity Service on NA Alma Production environments

See [Ex Libris Identity Service](#).

## Dates of Release Updates (Formerly Called Hot Fixes) in Alma UI

### January 2019 Administration and Infrastructure

*Hot fixes* are now known as *release updates*. The dates of all scheduled release updates now appear in the Alma UI when viewing the Alma release schedule.

Release	Sandbox	Release	Release Update
January	December 23, 2018	January 6, 2019	January 13, 2019
February	January 20, 2019	February 3, 2019	February 10, 2019
March	February 17, 2019	March 3, 2019	March 10, 2019
April	March 24, 2019	April 7, 2019	April 14, 2019
May	April 21, 2019	May 5, 2019	N/A
June	May 19, 2019	June 2, 2019	June 9, 2019
July	June 23, 2019	July 7, 2019	July 14, 2019
August	July 21, 2019	August 4, 2019	August 11, 2019
September	August 18, 2019	September 1, 2019	September 8, 2019
October	September 22, 2019	October 6, 2019	N/A
November	October 20, 2019	November 3, 2019	November 10, 2019
December	November 17, 2019	December 1, 2019	December 8, 2019

### Alma Release Schedule

## Translating Notifications

### August 2019 Fulfillment - Course Reserves SF: 00624647 00636708

You can now translate the recent changes (in Leganto, these are notifications) in the System Event Types code table. See [Translating Notifications](#).

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## Mapping Bibliographic Record Fields to Citation Fields

### July 2019 Fulfillment - Course Reserves SF: 00589678 00623171

You can now configure and normalize the information that is taken from a bibliographic record and copied to a citation when a) a repository citation is created or b) a resource locate succeeds for the citation. For more information, see [Mapping Bibliographic Record Fields to Citation Fields](#).

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## Changes to the Course Loading Integration Profile

### July 2019 Fulfillment - Course Reserves SF: 00629468

The following changes were made to the course loading integration profile:

- You can select the status **Rolled Over** for rolled over reading lists.
- New setting: **On rollover list creation mode - Multiple** (create a new list for each course) or **Single** (if the list already exists, attach it to the new course).

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## Course Loading Integration Profile Rollover: Increased Performance and Reading List Name Suffixes

### June 2019 Release Update Fulfillment - Course Reserves SF: 00690351 00690649 00690885

The course loading integration profile was taking a long time to run for when performing a rollover. Part of the issue was found to be the way that suffixes were added to the names of the rolled over reading lists.

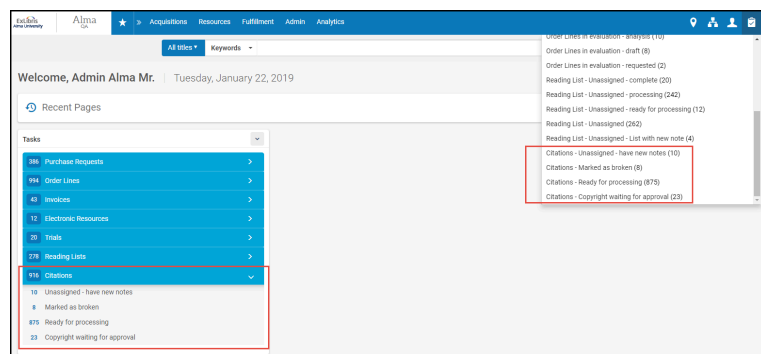
This was fixed by adding a new field (**On rollover reading list name suffix**) to enable you to enter the suffix that you would like to add to new reading lists. For example, if you enter `-201906` as the suffix, then a reading list with the name `History` will be rolled over to a reading list with the name `History-201906`. If you leave this field empty, the name of the new reading list is the same as the name as the old reading list. See [Configuring Course Loading](#).

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## Citation Tasks

### March 2019 Fulfillment - Course Reserves

**Citations** is a new top-level category for citation-related tasks. Some reading list tasks were moved to this new category. Some tasks are relevant only to Leganto customers; these tasks do not appear for non-Leganto customers. When you select any citation task, the Edit Citation page appears with the relevant tab and/or filter pre-selected (see [Managing Citations](#)).



## Citation Tasks

The new tasks are as follows:

- Citations - Copyright waiting for approval.
- Citations - Marked as broken

Leganto only. Formerly known as **Reading List - Citation with broken links.**

- Citations - Ready for processing
- Citations - Assigned to Me - have new notes

Leganto only. Formerly known as **Reading List - Assigned to Me - Citation with new note.**

- Citations - Unassigned - have new notes

Leganto only. Formerly known as **Reading List - Unassigned - Citation with new note.**

---

## Enhancements to Handling Multiple Matches During Resource Locate

### January 2019 Fulfillment - Course Reserves

Until now, when Alma found multiple matches during a resource locate (for citations added using the Process and Enrich Citations in Bulk job or when saving a citation added by an instructor in Leganto), Alma did not attach any of the matches that it found to the citation. The job report indicated that multiple matches were found. A librarian could then manually match the citation to a repository entity.

You can now use **resource\_locate\_multiple\_matches** and **resource\_locate\_multiple\_matches\_priority** (see [Configuring Other Settings](#)) to configure how Alma handles multiple matches:

- **resource\_locate\_multiple\_matches** is set to **manual** by default, which is the current behavior. Set to **first\_by\_inventory\_type** and also set the next parameter to have Alma attach the citation to the first entity found according to priority type (see next field).
- When you select **first\_by\_inventory\_type** for **resource\_locate\_multiple\_matches**, set the priorities for matching in **resource\_locate\_multiple\_matching\_priority** using the values **E** (electronic), **P** (physical), and/or **D** (digital). in priority order, separated by commas. For example, **E, P** indicates first priority electronic, second priority physical, and not to consider digital matches.

The Process and Enrich Citations in Bulk page was enhanced to support these options and in a few other ways. The old course date fields were combined to use a single date range picker, and the other previous fields were slightly moved and renamed (but otherwise remain the same).

The screenshot shows the 'Process and Enrich Citations' interface. It includes a 'Run Process and Enrich Citations Job' section with fields for 'Courses Start/End date', 'On specific course', 'Reading List status', and 'Citation Status'. Below this is the 'LOCATE AND VALIDATE RESOURCES' section, which has checkboxes for 'Resource locate: repository', 'Resource locate: link resolver', and 'Validate external links'. A radio button option is selected for 'Handle manually' under 'When multiple matches are found'. At the bottom, there is a table with 6 columns: Job ID, Status, Creator, Time Started, Time Ended, Entities Finished, and Entities Failed. The table contains 3 rows of job data.

Job ID	Status	Creator	Time Started	Time Ended	Entities Finished	Entities Failed
1 993972620000121	Completed Successfully	exec	08/09/2018 11:55	08/09/2018 11:56	16	0
2 988941230000121	Completed Successfully	jransom	07/12/2018 20:32	07/12/2018 20:32	8	0
3 963842125000121	Completed Successfully	gal	03/08/2018 16:44	03/08/2018 16:45	151	0

### Process and Enrich Citations in Bulk Page

To support the new multiple match handling feature, the field **When multiple matches are found** was added. Select either **Handle manually** or **Use first matching resource**. If you select **Use first matching sequence**, select the priorities from the drop-down lists for the three resource types.

## Process and Enrich Citations in Bulk Page, Select Priorities for Multiple Matches

## Additional Enhancements


- December 2019 Acquisitions SF: 00693367 00620961 00574922 00708569 00587052 00237107 00664426 00700910 00524721 00556963 00544153 00646812 00545012 00641376 00613451 00666228**

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**

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**

Because of multiple report types, the duplication check in COUNTER R5 reports now includes only the name and subscriber.
- December 2019 Fulfillment SF: 00638782**

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**

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**

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**

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**

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**

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**

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**

The **In Temp Location at Time of Loan** field was added to Fulfillment > Loan Details. It indicates if the item was in a temporary location at the time of the loan.

- **December 2019 Analytics SF: 00181283 00377351**

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**

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**

The **Renewal Circulation Desk** dimension was added to the **Fulfillment** subject area. It contains fields related to the renewal circulation desk.

- **December 2019 Analytics**

The `/shared/Alma/Physical Item Usage for Weeding (to be deprecated)` folder was removed.

- **December 2019 Analytics**

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**

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**

The **Subject Area Contents (to be deprecated)** folder, previously located under `/shared/Alma`, was removed.

- **December 2019 APIs**

The Create Request API now has an option for the pickup location to be Personal Delivery.

- **December 2019 APIs SF: 00624824**

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.

- **November 2019 Acquisitions SF: 00680738**

A new privilege is now available for the License Viewer role which allows the user to view the attachments tab. To enable this privilege, please contact Ex Libris customer support.

- **November 2019 Acquisitions SF: 00544631**

Creating a PO line without a fund now triggers a warning and a confirmation window to verify.

- **November 2019 Acquisitions SF: 00644733**

In Allocated Funds, in the list of transactions, the time has been removed from the **Time in Date** column, which has been renamed to **Date**.

- **November 2019 Acquisitions**

After contributing a SUSHI vendor to the community zone, you are now returned to the SUSHI vendor list.

- **November 2019 APIs**

Using the Configuration API, you can now retrieve a list of integration profiles based on name, code, or description. You can also retrieve a specific integration profile. For more information, see the [Developer Network](#).

- **November 2019 Resource Management SF: 00623685 0645032**

Support for incremental publishing of UNIMARC records to OCLC is now available. See [Publishing to OCLC](#) for more information.

- **November 2019 Resource Management**

When working with SBN authority records, Alma now supports modifying the name/author information in the 7XX fields. See [Integrating the SBN Italian Union Catalogue](#) for more information.

- **November 2019 Resource Management**

The electronic collection modification date in the Community Zone is now updated when changes are made by Content Operations to the electronic collection, its service level, and its content (portfolios). Previously, the modification date only represented changes to the electronic collection descriptive information such as electronic collection name and/or description. Additionally, the electronic collection modification date is now updated when service-level changes and portfolio-level changes (additions/deletions) are made. This includes parser parameter, threshold, and target service changes.

- **November 2019 Resource Management**

The following changes/updates were made to the GND Authority metadata configuration:

- Subfield 0 was added to the 024 field
- A controlled vocabulary list was added to subfield u of the 670 field
- The URIs in subfield 0 and 4 of the following fields now have *https* instead of *http*: 260, 372 (currently not in use/configurable), 380, 382, 500, 510, 511, 530, 550, 551, 682 and 885

These changes affect records created or updated on or after 15 October 2019.

See [Working with the GND Authority Profile](#) for more information.

- **November 2019 Digital Resource Management**

The SWORD Deposit API now supports a metadata file with a generic name (`metadata.xml`). It no longer must be schema specific. For more information, see the [Developer's Network](#).

- **November 2019 Analytics**

The **Fund Fiscal Period** folder (E-Inventory > Cost Usage) was renamed **Fiscal Period** and the fields within it no longer contain the word **Fund** to better reflect the functionality of these fields.

- **November 2019 Analytics**  
The **IdP Service In Use** field was added to the shared User Details dimension in every subject area in which it appears. It indicates if an identity provider service is in use.
- **November 2019 Analytics SF: 00653707 00712285**  
The **Preferred First Name**, **Preferred Middle Name**, and **Preferred Last Name** fields were added in all dimensions where the First Name, Middle Name, and Last Name fields appear. They contain the preferred name of the user.
- **November 2019 Analytics**  
The **Receive Number**, **Weeding Number**, and **Weeding Date** fields were added to Physical Items > Physical Item Details.
- **November 2019 Analytics**  
The following additions were made to Alma Analytics:
  - The **Other Classifications** folder was added to the following subject areas. Currently, it includes the Chinese Classifications dimension.
    - E-Inventory
    - Fulfillment
    - Funds Expenditure
    - Link Resolver Usage
    - Digital Usage
    - Digital Inventory
    - Purchase Requests
  - The **Chinese Classifications** field was added to the shared Bibliographic Details dimension in every subject area in which it appears.
- **September 2019 Acquisitions SF: 00679100**  
When saving an invoice line, the hour will be set to 12PM so the difference between the hours will not affect the date. To enable this option please contact Ex Libris customer support.
- **September 2019 Acquisitions**  
On the Invoice Line page, the PO Line pickup field now searches by default on the exact vendor code (case sensitive) instead of searching on similar codes. The search matches on vendor code and vendor name.
- **September 2019 Acquisitions**  
In order to improve performance, the Received Items list now sorts the PO line items by creation date from newest to oldest, instead of by alphabetical order.
- **September 2019 Acquisitions SF: 00634808 00685211 00352190**  
The **Trials - Start and Notify Participants** job now sends a reminder email to participants one time on the day specified in the **Remind Participants Before Trial Ends** field.
- **September 2019 Acquisitions SF: 00671838**  
When creating a new PO line from a template, when the template vendor is inactive, the vendor will not be added to the PO line.
- **September 2019 Acquisitions SF: 00654194**  
The Vendor record now includes an option to delete pending attachments.
- **September 2019 Acquisitions SF: 00655561**  
The field "035" sub field "a" is now available for the receiving slip in the <consortial\_identifier> name, under the <notification\_data> tag. Please add the tag to your XSL file.
- **September 2019 Resource Management**  
For the Publish bibliographic records to Summon job, the scheduling options were expanded to include additional

options for publishing every six hours.

- **September 2019 Resource Management**

The infrastructure behind normalization rules and drools was upgraded. Note that with this change, certain rule syntax is not supported. Specifically, using an uneven number of backslashes is no longer supported. For example, the phrases `\z` or `\\z` are not supported. Problematic rules that existed on the production and premium sandbox environments were proactively adjusted by Ex Libris, so there are no expected issues in those environments. There may, however, be issues with rules that use an invalid syntax on the standard or old (unrefreshed) premium sandboxes. See [Normalization Rule Syntax](#) for more information.

- **September 2019 Resource Management**

When importing authority records, the records that are skipped when a matching originating system **and** originating system ID are found are counted in the Metadata Import job report in the **Number of records not added** or **Number of records overlaid** record counts.

- **September 2019 Fulfillment**

Alma DLF API for network now includes both NZ mms id/Inst code and IZ mms id/inst code for loans/requests. In the below example the responding institution is IZ\_INST, and the record is linked to a NZ record on NZ\_INST. A shared NZ record will be returned with:

```
<ils:ils_institution_code>IZ_INST</ils:ils_institution_code>
<ils:ils_institution_name>Alma University</ils:ils_institution_name>
<ils:mms_id>1232456789</ils:mms_id>
<ils:nz_ils_institution_code>NZ_INST</ils:ils_institution_code>
<ils:nz_mms_id>1232456789</ils:nz_mms_id>
```

And a local record with

```
<ils:ils_institution_code>IZ_INST</ils:ils_institution_code>
<ils:ils_institution_name>Alma University</ils:ils_institution_name>
<ils:mms_id>1232456789</ils:mms_id>
```

- **September 2019 Fulfillment SF: 00632074 00660631**

Pagination was added to the Fulfillment Activities list in the History tab of the physical item editor.

- **September 2019 Fulfillment**

On the Patron Services page, when selecting **Change Due Date** for multiple loans, a new warning status indicator (a yellow icon) now appears if the due date was adjusted because of a closed library or patron expiration date. This is in addition to the existing success and failure status icons. Additionally, if the due date is successfully changed for only a portion of the loans, two information boxes now appear; one that lists the count of successful transactions, and one that lists the count of failed transactions.

- **September 2019 Fulfillment SF: 00663937 00694029**

For SIP2 patron information requests, the Overdue Items request was aligned with the Charged Items request as follows:

- Alma now returns only the overdue items when requested, without the charged items.
- When the BP or BQ message elements are requested, Alma returns only the requested items.

- **September 2019 Fulfillment - Resource Sharing / Collaborative Networks**

When a hold request that is created via the Automated Fulfillment Network (AFN) is canceled, the cancelation message is now sent only to the borrowing institution, and only if the rota is exhausted, instead of being sent directly to the requester.

- **September 2019 Analytics**

The new **Purchase Requests** subject area was added to Alma Analytics. Using the fields of this subject area you can create reports concerning purchase requests and answer the following business questions:

- How many purchase requests were made in a time range?
- How many purchase requests were assigned to a user?
- How many purchase requests have a PO line?
- How many purchase requests were made per status?

For more information, see [Purchase Requests](#).

- **September 2019 Analytics**

The **Overlap P and P** report was added to the out-of-the-box reports for the Titles subject area. It displays repeated bibliographic records that have physical inventory. You select from a prompt to have the overlap determined by the normalized title or by a combination of the normalized title and the author key.

- **September 2019 Analytics**

The **Last Loan Date (In House)** and **Last Loan Date (Not In House)** prompts were added to the following out-of-the-box reports for the Titles subject area. You can use these prompts to filter the report for titles not loaned for a specific time period. The default value is 5 years.

- Overlap P and E
- Overlap P and D
- Overlap E and D
- Overlap P and E and D

- **September 2019 Analytics**

The **Digital File Size Allotment** prompt was added to the **Total digital space usage** report in the Digital Inventory folder. This prompt allows you to filter the report according to digital space allotted.

- **September 2019 Analytics**

The **Library Code (Active)** and **Library Name (Active)** fields were added to the following locations. They display only libraries that were not deleted.

- Borrowing Requests > Library Unit
- Cost Usage > Library Unit
- Digital Inventory > Representation Library Unit
- E-Inventory > Electronic Collection Library Unit
- E-Inventory > Portfolio Library Unit
- Fines and Fees > Executed by Unit
- Fines and Fees > Owning Library
- Funds Expenditure > Library Unit
- Lending Requests > Library Unit
- Licenses > License Library Unit
- Physical Items > Library Unit
- Physical Items Historical Events > Item Permanent Location
- Physical Items Historical Events > Physical Item Details (Current)
- Physical Items Historical Events > Source Location
- Physical Items Historical Events > Temporary Location
- Physical Items Historical Events > Transit From Library
- Physical Items Historical Events > Transit to Library

- Requests > Move Request Details
- Requests > Owning Library
- Requests > Physical Item Details
- **September 2019 Analytics**  
The **Non-transactional** value was added to the Transaction Item Type field (Funds Expenditure > Fund Transaction Details). It indicates that the PO lines do not have a transaction because no funds are associated with them.
- **September 2019 Analytics**  
The **Other Classifications** dimension was added to the Physical Items and Titles subject areas. Currently, it includes the Chinese Classifications fields.
- **September 2019 Administration and Infrastructure SF: 00570243**  
A new parameter was added to control the operator information displayed in information pop-up windows. When **display\_full\_user\_name\_in\_more\_info** is set to true, the full user name is displayed. When set to false, the primary ID is shown. See [Configuring Other Settings](#).
- **September 2019 APIs**  
The Locations API now allows updating locations, including the fulfillment unit, so that a location's fulfillment unit can be changed automatically at a specific hour before or after a vacation period.
- **September 2019 APIs**  
The expected due date is now available in the item API.

- **August 2019 Acquisitions**

The real-time charts on the Trial Analysis page have been updated.

There is a known issue that the numbers at the top of each bar can sometimes be overlapping when the encumbrance and/or expenditure balances are very small.

- **August 2019 Resource Management SF: 00605382**

When a portfolio is activated for the first time in the institution zone (directly from the portfolio list of actions, not the Electronic Resource Activation Tasklist ), the history tab and the Information icon for the portfolio on the Electronic Portfolio Editor page now identifies the operator who activated the portfolio. Previously, the history tab was empty and the Information icon only provided date and role information.

- **August 2019 Resource Management**

Every [day-of-the-week] options are now available for the ProQuest Ebook Central Upload Electronic Holdings configuration profile to schedule the job to run on a weekly basis.

- **August 2019 Resource Management SF: 00683070 00420703**

When entering record content in the MD Editor and entering special characters such as accents, Eszetts and umlauts, the MD Editor suggestions can be sensitive to these characters with a new parameter. For example, with the new parameter set:

- When typing content with ß, such as Großbritannien, the MD Editor suggestions display only results that contain ß; and when typing values with ss, such as Grossbritannien, the MD Editor suggestions display only results that contain ss.
- When typing content with the umlaut character, such as München, the MD Editor suggestions display only results that contain the umlaut character; and if you type Munich, you get suggestions without the umlaut character.
- When you type content with a hyphen such as Baden-Baden, only results that contain a hyphen appear. If, for example, you type Baden Baden without the hyphen, only results that do not contain a hyphen appear.

Contact Support to set the customer parameter for subfield suggestions to handle MD Editor suggestions in the manner that you prefer. See [Creating Bibliographic Records](#) for more information.

- **August 2019 Resource Management SF: 00672115 00673816**

The **Edit** and **Add record to editing list** action buttons are now available on the Authority tab when viewing a Network Zone record from Browse Bibliographic Headings when logged into a member institution.

- **August 2019 Resource Management**

Integration with CALIS is now supported. See [Integrating Alma with CALIS](#) for more information.

- **August 2019 Resource Management SF: 00632128**

In addition to Ctrl+Alt+E (which does something different on German keyboards), you can now press Ctrl+Alt+W to enhance a record in the MD Editor.

- **August 2019 Resource Management SF: 00511062 00517261 00520282 00525045 00551990 00659871**

The Alma RSS publishing profile has a new option for publishing RSS feeds in RSS 2.0 XML. See [RSS version 2.0](#) for more information.

- **August 2019 Digital Resource Management**

When configuring transformer rules for remote digital repositories (**Configuration > Resources > Record Import > Remote Digital Repositories > Add rule**), you can now configure linking parameters to be encoded in the delivery URL during source field normalization.

Source Field Normalization and Validation

Add Source Field Normalization

Normalization Type **Regular Expression**

Add Source Field Validation

**URL-Encoding**

#### URL Encoding

- **August 2019 Digital Resource Management**

For new customers, ViewIt now groups the list of services by representations instead of by viewer, by default.

- **August 2019 Digital Resource Management**

Alma now supports the SWORD API for non-DC terms.

- **August 2019 Digital Resource Management**

When importing bibliographic records, titles can now be assigned to collections by External System with External ID for non-MARC records.

- **August 2019 Fulfillment**



#### Idea Exchange

In the digitization process, a new confirmation message displays when neither a file nor a URL was supplied.

- **August 2019 Administration and Infrastructure / Fulfillment**



#### Idea Exchange

**Campus**, **Expiration Date**, and **Blocks** are now available to appear in the user information pop-up window. See [Configuring User Information for Pop-ups](#).

- **August 2019 Administration and Infrastructure SF: 00553262 00683732 00688821**

Set **disable\_from\_address** to **true** to disable a librarian's ability to change the **From:** address when sending an email (General Message) to a user. A librarian can send a General Message when editing a user. See [Configuring Other Settings](#).

- **August 2019 Administration and Infrastructure**

User identifiers Wikidata and VIAF were added. These were added to support Esploro but are available to all institutions.

- **August 2019 Analytics**

The following fields were added to the Institution dimension in all subject areas for which it appears:

- Institution Timezone – the timezone of the institution

- Data Available As Of – when the data became available to analytics
- Data Updated As Of – when the data was taken from Alma

- **August 2019 Analytics**

Enhancements were implemented in the Fulfillment subject area changes for loans that were renewed with the auto renewal process “Notifications - Send Courtesy Notices and Handle Loan Renewals”. The enhancements improve the performance of the nightly ETL, which was delayed for all sites when some sites had processed a very high number of auto renewals.

Before this change, regardless of the renewal method:

- The Last Renewal Date field in the Last Renewal Date folder displayed the last renewal date.
- The Renewal Date field in the Renewal Date folder displayed the renewal date.

After this change:

- When the renewal type is Auto Renewal, the Renewal Date field is empty, so there is only one line for all of the auto renewals, and the Number of Auto Renewals field in this line displays the total number of auto renewals. Note that the Last Renewal Date field did not change and displays the date for both loans that are both type auto renewal and not auto renewal. There is no Last Auto Renewal Date field.
- When the renewal type is not auto renewal, there is no change.

The following is an example of the functionality before the change:

Last Name	First Name	Barcode	Loan Date	Item Loan Id	Loans (In House + Not In House)	Auto Renewals	Renewal Date	Last Renewal Date
Safransky	Thomas	1301320-10	1/27/2019	15823065010000613	1	0		
					0	1	1/28/2019	2/28/2019
					0	1	1/29/2019	2/28/2019
					0	1	1/30/2019	2/28/2019
					0	1	1/31/2019	2/28/2019
					0	1	2/1/2019	2/28/2019
					0	1	2/4/2019	2/28/2019
					0	1	2/5/2019	2/28/2019
					0	1	2/6/2019	2/28/2019
					0	1	2/7/2019	2/28/2019
					0	1	2/8/2019	2/28/2019
					0	1	2/11/2019	2/28/2019
					0	1	2/12/2019	2/28/2019
					0	1	2/13/2019	2/28/2019
					0	1	2/14/2019	2/28/2019
					0	1	2/15/2019	2/28/2019
					0	1	2/18/2019	2/28/2019
					0	1	2/19/2019	2/28/2019
					0	1	2/20/2019	2/28/2019
					0	1	2/21/2019	2/28/2019
					0	1	2/22/2019	2/28/2019
					0	1	2/25/2019	2/28/2019
					0	1	2/26/2019	2/28/2019
					0	1	2/27/2019	2/28/2019
					0	1	2/28/2019	2/28/2019

**Before the Change**

The following is an example of the functionality after the change:

Last Name	First Name	Barcode	Loan Date	Item Loan Id	Loans (In House + Not In House)	Auto Renewals	Renewal Date	Last Renewal Date
Safransky	Thomas	1301320-10	1/27/2019	15823065010000613	1	0		
					0	24		2/28/2019

**After the Change**

- **August 2019 Analytics**

The **Vendor Access Provider** field was added to E-Inventory > Portfolio PO Line and to Funds Expenditure > PO Line. It displays the access provider of the vendor.

- **August 2019 Analytics**

The following fields were added to the E-Inventory subject area. You can use them to match the journal title in Alma to the COUNTER report data and create useful reports when the same resource appears in different COUNTER reports for different platforms.

- **Portfolio COUNTER Platform** (in the Portfolio dimension) – the platform of the portfolio
- **Electronic Collection COUNTER Platform** (in the Electronic Collection dimension) – the platform of the collection

- **COUNTER Platform (defined in E-Resource of UI Alma)** (in Cost Usage > Cost Usage Details) – the platform for calculating cost usage, defined in the Alma e-resource

In addition, the **Normalized Platform (from COUNTER report)** field was added to Cost Usage > Cost Usage Details. It contains the normalized name of the platform.

- **August 2019 APIs**  
Add COUNTER platform to the API that creates an electronic collection.
- **August 2019 APIs**  
The expected due date is now available in the item API.
- **August 2019 APIs**  
When Summon Over Alma is installed, the `is_selective` parameter is added to the electronic collection output for GET and can be added or updated with POST and PUT APIs.
- **August 2019 APIs**  
Request time is now available for the Get-Request and GET-requested-resources (task lists) APIs, including the exact time (HH:MM:SS) the request was placed.
- **August 2019 APIs**  
When using the Delete-Bib API to delete a record in the Network Zone institution, the linked records in member institutions are now deleted as well. If the `enable_deletion_of_linked_nz_record_without_inventory` parameter is set to **false** (see [Configuring Other Settings \(Resource Management\)](#)), an error message is displayed and the Network Zone record is not deleted.
- **July 2019 Acquisitions SF: 00459685 00464335 00467323 00468155 00479656 00490607 00555835 00556933 00570764 00572855 00604925 00608129 00610150 00640345 00665227 00216925 00223930 00228366 00239562 00394246 00397599 00418044 00449015**  
You can now activate a database PO line via a trial. When you select **Activate** from the Manage Trials page, you now receive a message requiring you to un-suppress the BIB record. After confirming, you are taken to the Electronic Collection Editor page. Enter the **Level URL** in the **Additional** tab and select **Save**.
- **July 2019 Acquisitions SF: 00583022**  
In the Query to requester letter, the receiver's/user's first and last name is now included in the XML. For example, `<h3>@@dear@@ &#160;<xsl:value-of select="last_name"/></h3>`.
- **July 2019 Acquisitions / API**  
A new parameter, `update_inventory`, is available on the PO Line API. When the parameter is true, which is the default, the API updates the material type for the PO line inventory. When the parameter is false, the inventory is not updated by the API.
- **July 2019 Acquisitions SF: 00549259**  
The **Libraries** field on the Vendor Account Details page is now mandatory.
- **July 2019 Resource Management**  
In the MD Editor, the **Add Local Field (Edit > Add Local Field)** was relabeled to **Add Local Extension (Edit > Add Local Extension)** to more clearly identify this function. See [Add Local Extension](#) for more information.
- **July 2019 Resource Management**  
The display of series statements in repository search results and other places was modified. For the details regarding these changes, see [Series Statements](#). This change requires reindexing and will be fully functional with the completion of the semi-annual reindexing in July.
- **July 2019 Resource Management**  
When authority priorities are configured and the system finds a multi-match for the first priority, it does not go on to the second/next priority to evaluate the bibliographic and authority records for a match. Instead, the multi-match is reported in the Authority Control Task List. Note that previously, when the system found a multi-match on the first priority, it would continue to the second priority and so forth to attempt to identify a single match. See [Authority Priorities](#) for more information.
- **July 2019 Resource Management SF: 00579331**  
A new action is available for indication rules: `recordHasDuplicateFields "{fields}"`. Also a new normalization rule is available: `correctDuplicateFields "{fields}"`. See [List of Actions](#) for more information.
- **July 2019 Resource Management SF: 00613840 00624400**

The scheduled job **Authorities - Preferred Term Correction** will now run daily at 04:00 A.M. instead of 03:00 A.M. to enable the previous job **Authorities - Link BIB Headings** enough time to complete.

- **July 2019 Resource Management**

If a bibliographic record has either 022a or 776x Alma puts the only ISSN in both the print identifier and online identifier fields. (The same is also true for the ISBN.) This was fixed. The e-ISSN is mapped to the online identifier and the print ISSN is mapped to the print identifier with no duplication.

- **July 2019 Resource Management SF: 00650373 00651623**

A weekly scheduling option was added to the existing monthly scheduling option for the Springer Upload Electronic Holdings job.

- **July 2019 Resource Management SF: 00450587 00559468 00575039 00613906 00433542**

A new row action, **Rerun**, was added to the Import Job Details page for Repository, New Order, and Update Inventory profile type import jobs that use the Upload file or FTP import protocol, and specify XML or Binary for the physical source format. For situations where an import job failed (such as **Failed in Commit after calling NZ**) that is not due to a data error, this new action enables you to easily run the import job again with the file that is specified in the row from which you select **Rerun**. See [Viewing File Details](#) for more information.

- **July 2019 Resource Management**

As previously announced in May and June, the GET bibliographic record API and the SRU API now return calculated summary information in the AVA field \$\$v instead of \$\$h. See [API Docs > Retrieve Bib](#) in the Developer Network for more information.

- **July 2019 Resource Management SF: 00651640**

In cases where the OpenURL contains rft.aufirst and rft.aulast elements indicating who the first author is, but the CTO does not list that author first, there is a fix for this. Contact Support to implement this fix (set the parameter) for your system.

- **July 2019 Digital Resource Management**

Normalization rules for general publishing profiles now support DC and MODS.

- **July 2019 Digital Resource Management SF:00558235**

**Pure** (the Elsevier repository platform) is now available as a remote repository system type.

- **July 2019 Fulfillment SF: 00633727**

Two new XML fields are now available for the Remote Storage Export XML: `<xb:institutioncode>`, `<xb:institution>`. The new fields contain the destination institution information - code and name respectively. The new fields appear only when relevant. In addition, the existing XML `<xb:library>` field now contains the library name of the destination library even if the library is in another institution.

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**Note**

Customers who use the XSD file of this XML should download the new XSD version from the Developer Network and replace their old copy of the XSD file with the new one.

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- **July 2019 Fulfillment - Resource Sharing SF: 00633644**

On a borrowing request, the **Patron Request Cost** and **Patron Receive Cost** fields are now disabled after a patron pays them. See [Manually Adding a Borrowing Request](#).

- **July 2019 Fulfillment - Resource Sharing SF: 00531553 00531927 00531980 00569081 00581187**

All details of a resource sharing request's resource information are now added to the xml of the FulOutgoingEmailLetter, and can be used by customizing the xsl. The path is: notification\_data -> request\_display.

- **July 2019 Administration and Infrastructure**

When editing general electronic services, public name and public note now support multiple languages using the [translate information icon](#).

- **July 2019 Administration and Infrastructure SF: 00647095**

When uploading patron data via SIS, you can now clear a resource library that was incorrectly set.

- **July 2019 Administration and Infrastructure SF: 00649543**

Attachments of the General Email Message letters sent as part of Letter Retention job can now be purged through the Letters Purge with Retention job. The letter type for these letters is **ILL\_EMAIL\_TO\_USER**.

- **July 2019 Administration and Infrastructure**

The rows in job reports are now limited to 10,000 records.

- **July 2019 Administration and Infrastructure SF: 00592330**

When you delete users with fines of less than 1.00, a warning will now appear to confirm that you want to delete the users and waive the fines.

- **July 2019 Administration and Infrastructure**

The identifier **LCNAF** (Library of Congress Name Authority File Number) was added to the User Identifier Types code table. This identifier is relevant for Esploro users.

- **July 2019 Analytics**

The name of the **Display Alternative Call Number** field was changed to **Item Call Number** and the name of the **Alternative Call Number Type** field was changed to **Item Call Number Type** in Physical Items > Physical Item Details.

- **July 2019 Analytics**

The new **Digital Inventory** shared folder was added with the **Total Digital Space Usage** out-of-the-box report. This report displays your digital space used and remaining.

- **July 2019 Analytics**

Alma Analytics fields in Fines and Fees > Transaction Date are no longer marked as **to be deprecated**.

- **July 2019 Analytics**

The out-of-the-box **Industry Standard Reports** were enhanced by adding to the top of the reports the date the report was run and the value selected from the prompt.

- **July 2019 Analytics**

The shared **DARA** folder was added that contains reports used by DARA.

- **July 2019 Analytics**

The **Original Cataloging Agency** and **Language of Cataloging** fields were added to the Bibliographic Details dimension in all subject areas in which it appears.

- **July 2019 APIs**

Create and Update Authority APIs now include the same validations as the BIB APIs.

- **July 2019 APIs**

An interested user can now be added to the PO Line Creation via the POST PO Line and PUT PO Line APIs.

- **July 2019 APIs**

The APIs for updating and creating Bib and Holdings records now support output as JSON (using the application/xml Accept: application/json). Note that the request still must be in XML (Content-type: application/xml).

- **July 2019 APIs**

The field **ils:total\_fines\_with\_currency** was added to the My Account API, after the list of actions. It uses the CurrencySymbol code table, if configured, for example: `<ils:total_fines_with_currency>184.50 €</ils:total_fines_with_currency> .`

- **June 2019 Acquisitions SF: 00673131**

A fund with **Overencumbrance Allowed** or **Overexpenditure Allowed** set to **No** can no longer have a negative available balance. See [Adding a Ledger](#).

- **June 2019 Acquisitions SF: 00377838 00378478**

A new notification option is available when adding interested users on the PO Line. Selecting **Notify upon cancelation** notifies the user when the order is canceled. See [Manually Creating a PO Line](#).

- **June 2019 Resource Management SF: 00549566 00575004 00603823**

The parameter `export_portfolio_file_name_contains_id` addresses the issue that occurs when running the export electronic portfolio job with KBART files and the file name contains diacritics. See [export\\_portfolio\\_file\\_name\\_contains\\_id](#) for more information.

- **June 2019 Resource Management SF: 00454729**

New syntax was added for working with merge rules. See the table in the [Rule Syntax](#) section for more information.

- **June 2019 Resource Management SF: 00496028 00557618 00643853**

You can ask Ex Libris to configure your institution so that, when you search using **Contains exact phrase starting**

**with**, the index over which you search is considered to be a single phrase, instead of multiple phrases separated by spaces. See [Search with Exact Phrase](#) for more information.

- **June 2019 Fulfillment / Collaborative Networks SF: 00673131**  
The full Network Groups section is now visible for Network Zone institutions. For Network Zone members or standalone institutions, the section is visible, but the Fulfillment Network Groups link is hidden.
- **June 2019 Analytics**  
A new out-of-the-box report, **Top 10 Users Running Analytics Reports in the Last 365 Days**, was added to the Analytics Usage Tracking subject area. It lists the 10 users who have run the most reports in the last 365 days.
- **June 2019 Analytics SF: 00618411**  
The **Last Loan Date (in house)** and **Last Loan Date (Not in house)** fields were added to Physical Items > Physical Item Details. These fields are available only for loans that were handled in Alma and do not include migrated loans.
- **June 2019 Analytics**  
A new out-of-the-box widget, **Analytics Usage Tracking ETL Information**, is available. It displays the date the last time the ETL job ran. Note that you must copy the widget to your institution's directory before configuring the widget.
- **June 2019 Analytics SF: 00584648 00609790**  
The following fields were added to the Physical Items > Holdings Details:
  - Creation Date
  - Creator
  - Modification Date
  - Modified by

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#### Note

- These fields already exist in the Bibliographic Details folder.
- Currently, these fields have data only from new records. During the month of July, historical data will be added to these fields.

- 
- **June 2019 Analytics**  
The **Delivery Type** field was added to Digital Usage > Digital Usage Details. The following are the possible values of this field:
    - ALMA – Alma Viewer
    - IIF – manifest request
    - JSON – representation json request
    - UV – Universal Viewer
    - IABR – Internet Archive Book Reader Viewer
  - **June 2019 Analytics SF: 00010789**  
The following fields were added to the Bibliographic Details folder in all subject areas in which it appears:
    - Bibliographic Source of Acquisition Note – the name of the people or organization that is the source of the material (from MARC field 541 \$a).
    - Bibliographic Acquisition Accession Number Note – the identification code assigned to materials acquired in a single and separate transfer of custody (from MARC field 541 \$e).

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## Note

Currently, these fields have data only from new records. During the month of July, historical data will be added to these fields.

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- **June 2019 Analytics**

The following fields were added to Course Reserves > Reading List:

- Leganto List Num of Library Discussions
- Leganto List Library Discussion Last Update

In addition, the **Leganto Num of Library Discussions** field in the Reading List Citation folder was renamed to **Leganto Citation Num of Library Discussions**.

- **June 2019 Digital Resource Management**

When entering a value in the **Delimiter for Grouping Repeated Delivery Metadata** field (**Configuration > Fulfillment > Discovery Interface Display Logic > Other Settings**), the option to **Hide Repeated Labels** in the Alma Viewer (**Configuration > Fulfillment > Discovery Interface Display Logic > Viewer Services > Alma Viewer**) does not appear.

For more information, see [Configure a Delimiter for Grouping Delivery Metadata with Repeated Labels](#).

- **June 2019 APIs**

The Last Renew Date and Last Renew Status fields are now available in the GET-Loan API.

- **June 2019 APIs**

The API to update invoices is now available.

- **June 2019 APIs**

For the GET Departments API, you now have the option not to retrieve operators by choosing a view that is not Full. Full (which is the default) includes retrieving operators.

- **June 2019 APIs**

The GET Fees API can be called with status=CLOSED to read fines which have been paid, waived etc.

- **April 2019 Acquisitions**

In the SUSHI Subscribers table, the **Description** and **Code** columns are now read only. When deleting a subscriber, a confirmation message appears to indicate that deleting a subscriber can cause an inconsistency with the loaded usage data.

- **April 2019 Resource Management SF: 00479307 00497015 00497212 00529555 00530724 00564508 00579627 00598194 00371370 00014585**

The following tooltips were added to the configuration pages below:

- Exclude Process Types from Publishing (**Configuration Menu > Resources > Record Export > Exclude Process Types from Publishing**) – In order to apply changes in the mapping table on existing data, a set of the relevant physical titles must be republished
- Edit Physical Location (**Configuration Menu > (Select Library) > Fulfillment > Locations > Physical Locations**) – If the "Suppress from Discovery" has been changed, a set of physical titles related to this location must be republished
- PubMed Publishing Profile Details (**Resources > Publishing > Publishing Profiles > Publish electronic record to PubMed**) – The "Name Abbreviation" is provided by LinkOut. You May use the "Get From LinkOut" button to try and retrieve your name abbreviation automatically from the LinkOut server based on your Provider ID. In case the LinkOut server is not responsive you can manually enter the name abbreviation you were provided with - please

be aware that it is case sensitive and should be entered exactly as LinkOut provided it.

- **April 2019 Resource Management**

Continuing with the feature added in March (see Related Record Physical Inventory for UNIMARC in the March release notes), the related holdings that appear for search results in a Physical Titles search are now filtered by subfield g, if **display\_specific\_related\_items** is set to **true**.

- **April 2019 Acquisitions / Resource Management**

In cases where PO line / Additional PO line information is not available in the portfolio to send for data enrichment when running a publishing job, Alma now checks the electronic collection that the portfolio is linked to for PO line / Additional PO line data and publishes that information when it is available in the electronic collection.

- **April 2019 Acquisitions / Resource Management SF: 00641098**

New optional condition options were added to the New Order import profile that allow more control over the suppress/synchronize options. See [Import Profile Details - Set Management Tags Fields](#) for more information.

- **April 2019 Resource Management / Collaborative Networks SF: 00601804**

When working in the Network Zone, the **Link to Community** action is now available for a local electronic collection.

- **April 2019 Resource Management SF: 00621366**

In the MARC 21 Bibliographic metadata configuration profile, the subfields p, q, and r were added to the 041 field configuration.

- **April 2019 Resource Management SF: 00508413 00223042 00238095 00314734**

A new customer parameter, `enable_deletion_of_linked_nz_record_without_inventory`, was added. See [enable\\_deletion\\_of\\_linked\\_nz\\_record\\_without\\_inventory](#) for more information.

- **April 2019 Digital Resource Management SF: 00616390 00626983 00640222**

The **Enable Delivery Login** checkbox (**Configuration Menu > Fulfillment > Discovery Interface Display Logic > Other Settings**), which was removed in February was restored. This checkbox determine if the delivery login link from the Alma Viewer and from digital services in the link resolver is displayed. For more information, see [Enable Delivery Login](#).

- **April 2019 Fulfillment**

The SIP2 Renew All message (65) now sends the Borrowing Activity Letter (letter code: FulUserBorrowingActivityLetter) to the patron.

- **April 2019 Fulfillment**

The defaults for the User Registration policy, **One month expiry alert**, are now:

- Name: **One Day Expiry Alert**
- Description: One day expiry default
- Unit of measurement: none

- **April 2019 Fulfillment**

You can now choose to display only one block of each type when a user has multiple blocks of the same type. This is controlled by the new customer parameter, **blocks\_display\_remove\_duplicates**. When **false**, which is the default, all blocks are displayed. When **true**, duplicate blocks are removed from the following displays:

- The blocks list in the Primo My account page.
- The pop-up window that displays blocks when attempting to loan or renew an item for a blocked user.
- The failure message that displays when attempting to create a request for a blocked user, in both Alma and Primo.

See [Configuring Other Settings \(Fulfillment\)](#).

- **April 2019 Fulfillment - Resource Sharing**

The RequestItem NCIP message now supports ArticleTitle and ArticleAuthor.

- **April 2019 Fulfillment - Resource Sharing**



## Idea Exchange

The cancelation reason and cancelation note are now included on the resource sharing request history tab.

- **April 2019 Analytics**

The **Expenditure trends for physical and electronic resources** tab was added to the Acquisitions Analytics dashboard. It reports on expenditures for physical and electronic resources for the previous 10 years starting from the last closed fiscal year.

- **April 2019 Analytics**

The rules for creating the **Normalized Source** field (Link Resolver Usage > OpenURL Context Details) from the **Source** field have been enhanced. For more information, see [Link Resolver Usage](#).

- **April 2019 Analytics SF: 00640795**

The **Price Note** field was added to Funds Expenditure > Invoice Line.

- **April 2019 Analytics**

The **Open URL** field was added to Link Resolver Usage > Open URL Context Details. It contains the entire OpenURL.

- **April 2019 Analytics SF: 00598512**

The following fields were added:

- To Funds Expenditure > Invoice Line:
  - Invoice-Owner Name
  - Invoice-Owner Code
- To Funds Expenditure, Physical Items, E-Inventory > Fund Ledger:
  - Fund Ledger Owner Name
  - Fund Ledger Owner Code

- **April 2019 APIs**

You can now delete records through the e-collections API.

- **April 2019 APIs**

You can now create a single portfolio with both perpetual and current access with the API.

- **April 2019 APIs**

The 100 ID limit for itemized sets has been expanded to 1000 in the create-itemized-set API.

- **April 2019 APIs**

The create invoice line API now checks the invoice status before creating an invoice line. If the status is **Closed**, **Waiting to be Sent** or **Ready to be Paid**, the invoice line is not created.

- **April 2019 APIs**

The create invoice API now checks **invoice\_not\_unique**. If it is set to **false** and another invoice exists with the same number and vendor, the invoice is not created.

- **April 2019 APIs**

A new API is available that cancels a purchase request.

- **April 2019 APIs**

When **summon\_over\_alma** is set to **true**, the **is\_selective** parameter is added to the electronic collection output for GET and can be added or updated with POST and PUT APIs.

- **April 2019 APIs**

**work\_order\_type** and **work\_order\_at** were added to the GET-Item API for information about the item's process type.

- **April 2019 Administration and Infrastructure**

Several ID types were added to the User Identifier Types code table, including ORCID, ISNI, Scopus ID, ResearchID, arXiv ID, eRA ID, Pubmed author ID, and Pivot ID. As Ex Libris customer support if you would like these ID types

enabled or disabled for your institution.

- **March 2019 Acquisitions SF: 00579997**  
The **Negotiation Details** tab in a negotiation license now has a **View** row action. See [Centrally Managed Licenses for Electronic Resources in a Network Zone](#).
- **March 2019 Acquisitions**  
The **Order Line** and **Order Line Type** labels are now **PO Line** and **PO Line Type** throughout the Acquisitions area.
- **March 2019 Acquisitions SF: 00466693 00225755 00378333**  
For an integration profile of type **Finance**, when an action is set to **Active**, the file path is now mandatory. See [Financial Systems](#).
- **March 2019 Acquisitions SF: 00589116**  
When clicking a closed PO line's invoice line number, the invoice line will now open in view mode.
- **March 2019 Resource Management**  
When bibliographic record linking (to authority records) is done by ID, preferred term correction now works for cases where there is no language indication in the bibliographic record and multiple preferred term options exist due to multilingual differences. As part of the preferred term correction process, the language indication in addition to the preferred term is copied to the bibliographic record. For MARC 21, the language indication is copied to \$9; and for UNIMARC, it is copied to \$7 positions 0-1. See [Working with Multilingual Authority Records](#) for more information.
- **March 2019 Resource Management SF: 00536407 00553953**  
Specific to the 3rd edition (2012) of the UNIMARC Authority format, the following UNIMARC authority fields were added to Alma: 231, 431, 531, 731, 232, 432, 532, and 732. These can now be accessed and customized in the UNIMARC Authority metadata configuration profile (**Configuration Menu > Resources > Cataloging > Metadata Configuration**). The filter in the UNIMARC Authority metadata configuration was updated to include these fields in the filtering groups.
- **March 2019 Resource Management SF: 00427448**  
When displaying related record information in the MD Editor, the PO line title is used when it is available. When no PO line title is available, the display of related record information remains the same.
- **March 2019 Resource Management SF: 00484176**  
The HAN resolver proxy type was added as an integration proxy option. See [Resolver Proxies](#) for more information.
- **March 2019 Resource Management SF: 00574999 00602976 00625884 00636754**  
There is a new report type available for the Authority Control Task List called **Preferred term correction – Multiple matching AUT headings with same Originating System ID (ambiguous)**. See [Using the Authority Control Task List](#) for more information.
- **March 2019 Resource Management SF: 00537868**  
**Government Document** was added as an Electronic Material Type. See [Electronic Material types](#) for more information.
- **March 2019 Resource Management**  
The UNIMARC authority metadata configuration profile was updated to include the following 340 subfields: b, c, d, f, and p.
- **March 2019 Digital Resource Management**  
The Terms of Use configuration page was renamed **Terms and Conditions (Configuration > Resources > Deposit > Terms and Conditions)**.
- **March 2019 Fulfillment**  
When uploading a file for a link digitization request, the file size limit is now 25 MB instead of 10 MB. The previous limitation of 10 MB is still effective when sending attachments. See [Attaching Digitized Items to Be Sent to a Patron](#).
- **March 2019 Fulfillment SF: 00464191**  
When uploading a file for an attachment digitization request, if the attachment is greater than 10 MB, a message is

displayed—**Total attachments size exceeds max allowed size**—and the processing of the request stops. See [Attaching Digitized Items to Be Sent to a Patron](#).

- **March 2019 Fulfillment**



**Idea Exchange:**

When returning an item on the Return Items page, if the next step is a locally managed work order, the next step now displays both the next step and the work order type—for example, **Manage Locally - Preservation**. See [Scanning Items](#).

- **March 2019 Fulfillment / Collaborative Networks SF: 00583648**

When a loan is made at another institution in a fulfillment network, the **Loaned at library** and **Loaned at desk** fields now contain the details of the borrowing institution.

- **March 2019 Fulfillment SF: 00549460**

The loan status labels and renewal messages that appear on the Primo My Account page can now be configured on the **Labels** page, [Fulfillment > Discovery Interface Display Logic > Labels](#).

- **March 2019 Fulfillment**

When you are at a location which has multiple printers, you can now check which printer you are currently connected to by hovering with the mouse above the **Currently At** icon.

- **March 2019 Fulfillment - Resource Sharing SF: 00552602 00609995**

Resource sharing request fields are now available in the XML for the General Message Email Letter (letter code: GeneralMessageEmailLetter). You can configure the XSL of the letter to add the details. The path is: notification\_data -> request\_display.

- **March 2019 Fulfillment - Resource Sharing**



**Idea Exchange: SF: 00379525**

The due date for recalling borrowing requests will now be updated to the last closing hour of the request library, before the original recall due date.

- **March 2019 Analytics**

In Fulfillment > Loan, the **Loan** field was replaced by the following fields to allow you to create more detailed reports:

- Num of Loans (In house + Not In House)
- Num of Loans (In House)
- Num of Loans (Not In House)

- **March 2019 Analytics**

The **Collection Name** and **Collection ID** fields were added to the shared Bibliographic Details dimension in all subject areas in which it appears. These fields allow you to display in a report all of the collections to which a title belongs.

- **March 2019 Analytics SF: 00625631**

The **Citation Alerts** field was added to Course Reserves > Reading List Citation. It lists the alerts for the citation.

- **March 2019 Analytics**

The following fields were added to the shared PO Line dimension in every subject area in which it appears:

- PO Line Owner Library Code
- PO Line Owner Library Name
- PO Line Identifier
- PO Line Vendor Title Number

- PO Line Manual Packaging
- PO Line Routing During Receiving
- PO Line Binding During Receiving
- PO Line Title

For a video describing this enhancement, see [Analytics: New Fields in the PO Line Folder](#).

- **March 2019 Analytics**

The **Service Details** dimension with the **Service ID** field was added to the E-Inventory subject area.

- **March 2019 Analytics SF: 00607284 00607365**

Analytics objects can now be scheduled for 8 AM.

- **March 2019 Analytics SF: 00627392 00629050**

The **IED** field was added to Digital Inventory > Representation Details.

- **March 2019 Analytics SF: 00616442**

The **Related Record** field was added to Funds Expenditure > Fund Transaction Details. It indicates the related resource sharing record.

- **March 2019 Administration and Infrastructure SF: 00542509**

The Export Users by Condition job now includes a new daily scheduling option.

- **March 2019 APIs**

An option was added to the Request Options API to calculate display logic rules. Note that this is optional (opt-in) and applies only to print resources.

- **March 2019 APIs**

You can now set the Update or Create BIB API to fail if warnings are issued.

- **February 2019 Acquisitions SF: 00551215**

The following fields were added to the `OrderNow.xml` to include bibliographic details:

- notification\_data/line\_title
- notification\_data/mms\_id
- notification\_data/ckb\_id
- notification\_data/publication\_date
- notification\_data/publication\_place
- notification\_data/publisher

The fields must be added to the XSL in order to add them to the letter.

- **February 2019 Acquisitions SF: 00449574 00556178 00152700 00152771 00062120 00091402**

Changing the bib reference on a PO line now updates the ISBN/ISSN from the new bibliographic record.

- **February 2019 Acquisitions SF: 00606299 00618265**

The **URL** column was added back to the Excel export on the **Manage Activation Task List** page.

- **February 2019 Acquisitions SF: 00512090**

When deleting a vendor, the vendor information is now removed from the licensor field.

- **February 2019 Acquisitions SF: 00595794**

To address a performance issue, when receiving is completed from the **Continuous** tab of the **Receive New Material** page, the user now returns to the list of PO lines on the **Continuous** tab rather than opening the **Manage Items** page.

- **February 2019 Resource Management SF: 00553823**

The publishing of deleted records was enhanced for publishing enriched bibliographic records when using the General Publishing profile. Previously, deleted bibliographic records were published with only a **d** in position 5 of the LDR to indicate a deleted record. When holdings enrichment is configured for bibliographic records in the General Publishing profile, the deleted bibliographic records that are published now also contain related holdings data. For example, the 852 \$a is added to the published deleted bibliographic record with identifying data from the related holdings record's

852 \$b.

- **February 2019 Resource Management**

There is a new condition syntax option, `containsScript`, for normalization and indication rules that can be used to check for a specific language. See the [Conditions](#) section for more information.

- **February 2019 Digital Resource Management**

The following enhancements were implemented in the MD Editor:

- A new keyboard shortcut is now available for **Tool > Dublin Core > XML/ Form View: Ctrl+Alt+X**
- The following existing keyboard shortcuts located under **Tools > MARC** and **Tools > DC** are now displayed in the MD Editor:
  - Add representation: **Alt+R**
  - View in search: **Ctrl+Alt+V**

- **February 2019 Digital Resource Management SF:00630009**

Digital import profiles with Dublin Core source format metadata files now support any prefix (including default) being bound to the `http://purl.org/dc/elements/1.1/namespace` (instead of only `dc`).

- **February 2019 Digital Resource Management**

When configuring remote digital repositories (**Configuration > Resources > Record Import > Remote Digital Repositories**), the **Other** option is now available from the **Remote System Type** drop-down list to accommodate unlisted repositories.

- **February 2019 Fulfillment SF: 00457256 00476255 00485745 00529412 00554078 00608264 00429289**

It is now possible to change the item information of an item that is on a hold shelf or on loan. The error message which previously blocked these actions was replaced with a warning pop-up that allows the user to continue with the change.

- **February 2019 Fulfillment - Resource Sharing**



**Idea Exchange:**

A new cancellation reason, **Item is already available**, is now available. It appears in all request cancellation drop-down lists.

- **February 2019 Analytics**

The **Cost Usage** folder was added to the E-Inventory subject area. It enables you to create reports that display the cost per use for electronic resources. For more information, see [Cost Usage](#).

- **February 2019 Analytics**

The reports and dashboards located under `Shared/Alma/Physical Item Usage for Weeding` were deprecated. Their functionality is now available with the **Physical Item Usage for Weeding** report located under `/shared/Alma/Inventory/Reports`. In addition, the new report was added to the Physical Items dashboard located at `/shared/Alma/Inventory/Dashboards`.

- **February 2019 Analytics**

The **Actual Shipped Format** field was added to Lending Requests > Lending Request Details.

- **February 2019 Analytics**

The **Fund Fiscal Period Filter** field was added to Physical Items > Fund Information > Fund Fiscal Period and to Funds Expenditure > Fiscal Period. It indicates the filter on the fiscal period (**Current fiscal period**, **Previous fiscal period**, or **Two fiscal periods ago**).

- **February 2019 Analytics**

As previously reported in the December and January release notes, you can no longer configure scheduled reports, links to reports, and widgets for out-of-the-box Alma Analytics reports from the Alma directory. They can be configured only from your institutional directory. For more information, see [Widgets for Analytics Reports](#).

- **February 2019 Analytics**

The **Campuses Name and Participants** field was added to Leganto Student Usage > Courses and Course Reserves > Course. It displays the name of the campus with the participants in the course.

- **February 2019 Analytics**

The **Last Loan Date (In House)** and **Last Loan Date (Not In House)** fields were added to Titles > Title Details.

- **February 2019 Analytics**

The **Fiscal Period Start End** field was added to the following locations:

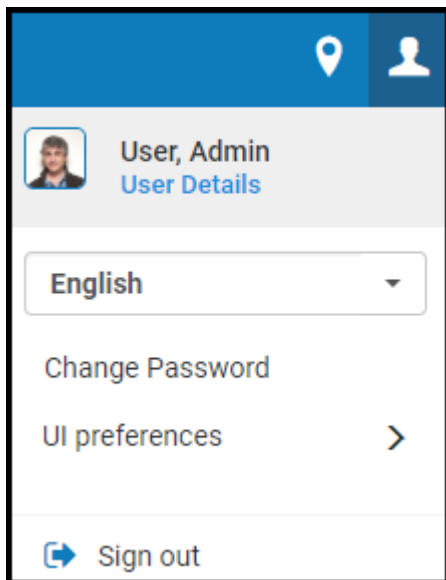
- E-inventory > Cost Usage > Fund Fiscal Period
- Funds Expenditure > Fiscal Period
- Physical Items > Fund Information > Fund Fiscal Period

- **February 2019 Analytics**

In all of the tabs of the the Title level overlap analysis dashboard, there is now an option to find title overlap by **Title Author Combined and Normalized**.

- **February 2019 Administration and Infrastructure SF: 00466061**

When available, a user's photo now appears in the user menu of the persistent menu. There may be a slight delay between when the page loads and the picture appears.



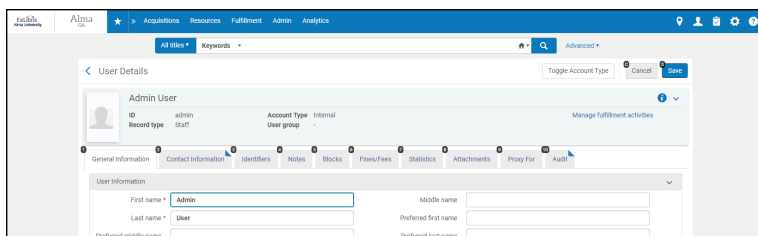
**User Menu**

- **February 2019 Administration and Infrastructure**

All messages now appear in floating message panes on the side of the page. Messages are now coded by color and icon to indicate when they are a success, error, or information message. See [Messages](#). For more information, see the video [Improved Feedback Messages](#) (1:55).

- **February 2019 Administration and Infrastructure**

On any page that has one or more hot keys that start with **Alt+**, press the **Alt** key to see the elements that are selected and their corresponding keys. Also, use the hot keys **Alt+1**, **Alt+2**, ... **Alt+N** to open the nth tab on any page that has tabs. For this feature, press the **Alt** key, enter the number (multiple digits are supported, so you can enter **Alt+10**, for example), and release the **Alt** key to open the numbered tab.



**User Details with Hot Keys Highlighted**

For more information see the video [Navigate Between Tabs and Display Shortcuts Using the Alt Key](#) (1:16).

- **February 2019 Administration and Infrastructure SF:00493114 00494607 00200531 00223023**

The PO line information section of the Conversation Letter is now configurable in the user's preferred language.

- **February 2019 Acquisitions / APIs**

The Create PO Line API now supports adding multiple New Order integration profiles as well as sending the profile ID as a parameter in the API (for example, `profile_code`).

- **February 2019 Acquisitions / APIs SF: 00521548**

The GET PO Lines API can now search by more than one **acquisition\_method**. List the codes separated by a comma—for example: `GET /acq/po-lines?acquisition_method=GIFT,EXCHANGE`.

- **January 2019 Acquisitions SF: 00541435 00543592**

Two new fields, **Subscription dates range** and **Additional information**, are now available in the ERP invoice export XML. Both fields are under the `<invoice_line>` tag.

- **January 2019 Acquisitions**

Anonymous answers are now included in the statistics calculation of a public trial.

- **January 2019 Resource Management SF: 00465903 00501033 00501180 00556888 00575293 00577544 00422286 00468629 00164947 00182230 00362562 00396319 00422286**

The total counts in your search results are now precise and not approximate.

- **January 2019 Resource Management SF: 00425709 00595338**

The Browse Bibliographic Headings functionality now handles Spanish language characters as follows (if you have configured Spanish language support):

Letter	Search	Sort
Ñ/ñ	Searching for Ñ/ñ does not retrieve results for N/n and the reverse.	Sorted after n.
Ç/ç	Searching for Ç/ç does not retrieve results of C/c and the reverse.	Sorted after c.
L·L/!l	Searched for as if it were the digraph ll.	Sorted as ll.

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**Note**

Alma's handling of special characters is relevant for searching in the institution zone only.

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- **January 2019 Resource Management**

To support Japanese language functionality for Repository Search, Browse Bibliographic Headings, and Browse Authority Headings, Alma performs the following (if you have configured Japanese language support):

- Punctuation removal
- Normalization between Hiragana and Katakana
- Iterated character normalization
- Normalization of variant Kanji characters

- **January 2019 Resource Management**



**Idea Exchange: SF: 00608223**

The following new match profiles are now available for repository import profiles:

- Title Statement Extended Fuzzy Non-Serial Match Method (key: `com.exlibris.repository.mms.match.TitleStatementExtendedCDLMatchingProfile`)
- Title Statement Extended Fuzzy Serial Match Method (key: `com.exlibris.repository.mms.match.TitleStatementExtendedCDLSeMatchingProfile`)

These profiles have the same functionality as the **Extended Fuzzy Non-Serial Match Method** and **Extended Fuzzy Serial Match Method** profiles, except that when matching against the title, the new profiles match only by 245 abknp and not by 245 abknp, 245a, 210a, 246a, (which the **Extended Fuzzy Non-Serial Match Method** and

Extended Fuzzy Serial Match Method profiles do).

For more information, see [Match Methods – Explanations and Examples](#).

- **January 2019 Resource Management SF: 00575576**

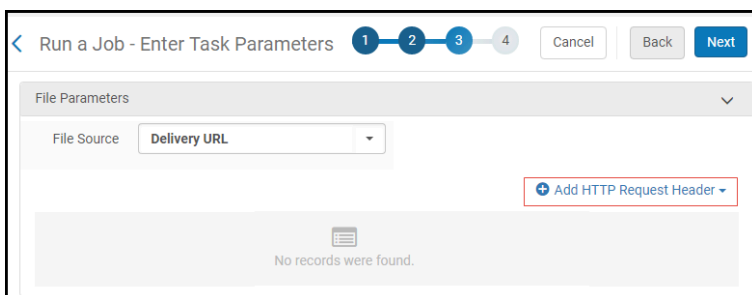
Until now, when an item was in a temporary location, the enrichment fields were not published in the publishing output file when using the Primo publishing profile. From now on, any subfields that are added to the enrichment section are published with the record even if the item is in a temporary location.

- **January 2019 Resource Management / Collaborative Networks SF: 00522037**

A new parameter, **Ignore resource type during matching**, was added to the **Link a set of records to the Network Zone** job. See [Link a Set of Records to the Network Zone](#) on the [Running Manual Jobs on Defined Sets](#) page for more information.

- **January 2019 Digital Resource Management**

You can now add custom headers when running the Remote Representation Migration and the Generate Representation from Existing Bib jobs. These headers are necessary when creating representations from remote repositories that have access right restrictions based on IP restrictions and authentication. To support this feature, the **Add HTTPS Request Header** link was added that allows you to add a name and value to the header.



#### Add Custom Headers

For more information, see the [Remote Representation Migration](#) and the [Generate Representation from Existing Bib jobs](#).

- **January 2019 Fulfillment**

When an item is scanned in a location other than its owning library and is being reshelved due to the **Reshelve Without Transit** rule, the destination field in the scan-in result now includes the owning library in addition to the location. For example, **Reshelve to Main - Stacks (STACK)**.

- **January 2019 Fulfillment**



#### Idea Exchange

On the Requests Monitoring page, the values of the pickup location and owning library facets will be now sorted alphabetically.

- **January 2019 Fulfillment**



#### Idea Exchange

The Active resource sharing request limit policy now ignores active requests which were already returned from the patron to the library, but were not yet returned to the lender. See [Adding Fulfillment Policies](#).

- **January 2019 Analytics**

The **PO Line Inventory Library Code** field was added to Funds Expenditure > PO Line. It displays the code of the library of the ordered inventory.

- **January 2019 Analytics**

The **Title Author Combined and Normalized** field was added to the Bibliographic Details folder in every subject area in which it appears. It displays 100 characters of the normalized title and the first four letters of the author.

- **January 2019 Analytics SF: 00587917**  
In the Acquisitions dashboard, the **Transaction Date Fiscal Year** prompt was changed to **Fiscal Year Description**.

- **January 2019 Analytics**  
The following fields were added to Funds Expenditure > Fund Transactions and are useful for viewing trends and statistics on print as compared to electronic PO lines and expenditures.

- Transaction Expenditure Amount of type Electronic Format
- Transaction Expenditure Amount of type General Format
- Transaction Expenditure Amount of type Physical Format
- Number of POLs of type Electronic Format
- Number of POLs of type General Format
- Number of POLs of type Physical Format

For a video explaining this feature, see [Analyze Fund Expenditures by Physical or Electronic Types](#).

- **January 2019 Analytics**  
The **Courtesy Notification Sent** field was added to the Loan Details folder of the Fines and Fees and Fulfillment subject areas. It indicates whether a courtesy letter was sent to the patron concerning an overdue loan. This field contains data only from the beginning of July 2018.
- **January 2019 Analytics**  
The name of the **Acquisitions - Expenditure Per Reporting Code of PO Line with prompt for transaction date range** report located at: /shared/Alma/Industry Standard Reports/DBS was changed to **Acquisitions - Expenditure Per LC Subject with prompt for transaction date range**.
- **January 2019 Analytics**  
The **Invoice Line - Additional Information** field was added to Funds Expenditure > Invoice Line.
- **January 2019 Administration and Infrastructure**  
You can now navigate up or down rows in a list using the up or down arrow keys. Pressing down from the last row opens the next page (if there is one). Pressing up from the first row opens the previous page (if there is one). For more information, see the video [Navigate Lists in Alma Using the Up and Down Arrow Keys](#) (1:05).
- **January 2019 Administration and Infrastructure**  
Alma is now translated into Japanese.
- **January 2019 APIs**



**Idea Exchange SF: 00173742**

It is now possible to submit a purchase request using an API. This enables the institution to seamlessly integrate with internal systems.

- **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 course is rolled over.
- **November 2019 Fulfillment - Course Reserves / Analytics**  
The following enhancements were implemented for Leganto Analytics:
  - The **Active Citations** and **Active Sections** fields were added to Leganto Student Usage > Student Usage.
  - The **Reading Lists without Usage** report was added to the out-of-the-box Leganto Analytics reports.

- The following columns were removed from the Leganto Instructors Usage - Lists KPIs report:
  - Number Register Students
  - Student Engagement %
- **September 2019 Fulfillment - Course Reserves**  
You can now submit a DCS request even before the course has been added to the DCS. After creating the course in the DCS, you can then manage any requests created for that course.
- **September 2019 Fulfillment - Course Reserves**



#### **NERS Enhancement (ID #6268)**

When you change any of the citation information listed in the Match by Fields table (see [Configuring Citation Matching Criteria](#)), a new resource locate is performed. In Alma, you are prompted to perform the resource locate (or cancel). If the citation was previously located, and the new locate process does not find a match, the citation is detached from the repository. If your institution is implementing Leganto, see [Configuring Repository Locate Workflow](#) for information about configuring this workflow. If the citation is detached from the repository, **citation\_detached\_from\_repository** is triggered; see [Configuring Default Statuses for Citations/Reading Lists](#))

- **August 2019 Fulfillment - Course Reserves SF: 00629342 00636801 00637272 00673661**  
In any persistent or secondary search, unlike other searches, a search for course code, course name, reading list code, or reading list name a) also searches for special characters (such as commas and dashes), and b) is limited to a search string of 40 characters, regardless of the size of the entity being searched.
- **July 2019 Fulfillment - Course Reserves**



#### **Idea Exchange SF: 00482532**

**Academic Department, Terms List, Course Year, List Assigned To, and Assigned Date** (the most recent date that the list was assigned to an operator) were added as facets to the Reading Lists Task List. These fields are all columns on the page, as well.

- **July 2019 Fulfillment - Course Reserves / Analytics SF: 00491061**  
The **Citation ID** field was added to Leganto Instructor Usage Events > Citation Metadata Details.
- **July 2019 Fulfillment - Course Reserves / Analytics**  
**Searchable ID fields 4-10** were added to Course Reserves > Courses in Analytics.
- **June 2019 Fulfillment - Course Reserves**  
You can now attach a CCC (PPU) license to a citation even if you have previously assigned some other license, such as Creative Commons. Note that, as before, you must delete a CCC license before you can add any other type of license.
- **June 2019 Fulfillment - Course Reserves SF: 00559464**  
When editing a reading list, you can now change the order of the citations in the list using the **Sort by** field. You can sort the citations by citation title (ascending), author (ascending), last modified/created, or call number. If you are implementing Leganto, you can select to sort by instructor order, which is the order that the instructor sorted the citations.
- **June 2019 Fulfillment - Course Reserves SF: 00629314**  
The default search field for the secondary search on the Courses page (**Fulfillment > Course Reserves > Courses**) is now **All**, by default.
- **June 2019 Fulfillment - Course Reserves SF: 00592509**  
You can configure **rl\_auto\_assign** to determine whether a reading list is automatically assigned to the librarian that works on it. See [Configuring Other Settings](#).
- **June 2019 Fulfillment - Course Reserves / APIs**  
You can now use status=ACTIVE|INACTIVE|ALL with the Get-Courses API.
- **June 2019 Fulfillment - Course Reserves**  
When cancelling a citation digitization on the Manage Resource Options page (see [Managing Citation Fulfillment Options](#)), the confirmation dialog box presents a new option **Keep citation's copyright information** (if this is a DCS request, the option is **Keep citation's DCS request**). Select this option to preserve any copyright record / request / DCS request that was made simultaneous with the digitization request. Clear this option to also remove the copyright

record or request.

- **May 2019 Fulfillment - Course Reserves**

The option **On rollover list creation mode** was added for using the course loading integration profile to perform a rollover. Select **Multiple** to create a new list for each course or **Single** to attach a list to the new course if the list already exists. See [Configuring Course Loading](#).

- **April 2019 Fulfillment - Course Reserves SF: 00618142**

You can now add additional reading list subjects. See [Configuring List Subjects](#).

- **April 2019 Fulfillment - Course Reserves / Administration and Infrastructure SF: 00621397**

The new user role, **Course Reserves Viewer**, provides read-only access to reading lists and citations in Alma.

In addition, the **View It** row action was added for electronic citations on the Edit Citations page. Select this action to view the citation.

- **April 2019 Fulfillment - Course Reserves / Analytics SF: 00601707 00620663 00622046 00622576 00625702**  
Additional support for reading lists associated with multiple courses:

- When rolling over courses using the course loading integration profile, if you roll over multiple courses associated with the same reading list, the new reading list is associated with all of the new courses.
- (Leganto only) Instructors can now roll over reading lists associated with multiple courses.
- The **Reading List Bulk Update** job now removes the course association from reading lists associated with multiple courses.
- The **Citation Alternate Suggestions** job now finds all reading lists associated with the course, including reading lists associated with multiple courses.
- Alma Analytics now displays all of the course information for a reading list with multiple courses.

- **April 2019 Fulfillment - Course Reserves / Analytics SF: 00467428**

The following event types can now be displayed by the Event Type field in Leganto Instructor Usage > Instructor Usage Events:

- Remove citation
- Add section
- Remove section

- **April 2019 Fulfillment - Course Reserves SF: 00640637**

40 additional lines were added to the Course Terms code table. See [Configuring Course Terms](#).

- **March 2019 Fulfillment - Course Reserves**

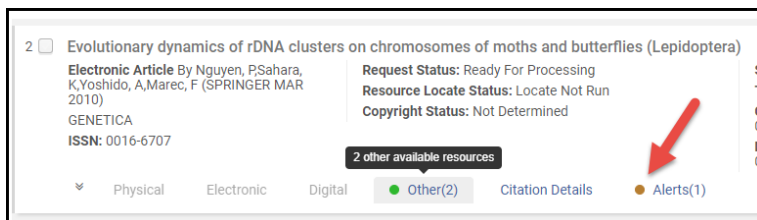
Multiple Courses for Reading Lists: 1) When course instructors are automatically added as reading list owners, all course's owners are now added, instead of just the first course's. 2) The Instructors pane in Leganto now shows instructors from all courses, not just the first one. 3) The Bulk Citation Enrichment job now finds all reading lists associated with a course (not just the reading lists for which the course was the first course associated with the list). 4) In the Find Lists tab of Leganto, searching by academic department now searches for all academic departments of all courses associated with the list, not just the first. 5) When scanning in an item and associating the item with a reading list, the due date for the item is now taken from the reading list instead of the first course associated with the list.

- **March 2019 Fulfillment - Course Reserves**

The resource locate process and the check CLA permissions action now use both ISBN and ISBN-13 for matching. In addition, when relevant, these processes remove invalid characters from these fields.

- **March 2019 Fulfillment - Course Reserves SF: 00525246**

An orange dot in the **Alerts** tab on the Edit Citations and Edit Reading List pages indicates that there are alerts for the citation.



### Edit Reading List

- **February 2019 Fulfillment - Course Reserves SF: 00501401**  
You can now remove a specific type of alert when removing alerts on the Edit Citations or Edit Reading List pages. See [Removing Alerts](#).
- **January 2019 Fulfillment - Course Reserves SF: 00518177 00606545**  
Starting from this release, new citation titles include bibliographic record field 245 subfields a, n, p, h, b, f, g, k, and s. Note that subfield c is not included.
- **January 2019 Fulfillment - Course Reserves**  
You can now delete any alert directly from the **Alerts** tab on the Edit Reading List or Edit Citations pages.

## Resolved Issues

- **December 2019 Release Update Analytics SF:**  
In the Fulfillment Fines and Fees, the Preferred Phone Number was not visible. This was fixed.
- **December 2019 Release Update Resource Management SF: 00588974 00700974 00747779 00512844 00592611 00657770 00668671 00672942 00686934 00695571 00701643 00705632 00709552 00717888 00727851 00741759 00742802 00742834 00744609 00745381 00745648 00745921 00747722 00747788 00751219 00751422 00751430 00752217 00752336 00752517 00752830 00752966 00753599 00753643 00753713 00753783 00753786 00753915 00753963 00753967 00753987 00753991 00754000 00754022 00754145 00754148 00754214 00754313 00754314 00754342 00754370 00754376 00754393 00754411 00754509 00754513 00754813 00754852 00754900 00755162 00755583 00756137 00756174 00758441 00758588 00759105 00759137 00759357 00759379 00769401 00785660 00787489 00787735**  
When the Upload electronic holdings - ELSEVIER job was set up as a scheduled job, it did not process files. This was fixed.
- **December 2019 Release Update Resource Management SF: 00723339**  
Previously, when sending an ASRS message, sending batch requests for multiple copies of a title in the same batch sometimes caused an error. This was fixed. To enable this, please contact Ex Libris customer support.
- **December 2019 Release Update Resource Management SF: 00788636**  
No match with authorities using F3 in MD Editor. This was fixed.
- **December 2019 Release Update Fulfillment SF: 00787445**  
The Activity report could not be sent to a user with fines but without loans. This was fixed.
- **December 2019 Release Update Fulfillment SF: 00788560 00788498 00788851 00788609 00788837 00788564 00788569 00788591 00788511 00788831 00788830 0078856 00788533 00788883 00788615 00788870 00788562 00788906 00788503 00788800 00788643 00788514**  
Items in temporary locations do not display in Get It Primo. This was fixed.
- **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: 00585261 00453292 00479859 00447529 00581237 00587813 00597122 00518382 00515478 00645660 00670382 00552327 00479498 00706298 00652995 00524665 00588933 00436518 00457109 00515725 00669106 00701885 00650287 00553713**  
When the Primo View It and Get It pages were called at the same time, in some cases, the View It page sometimes returned 'No full text Available' instead of returning a result. This was fixed. To enable this option, contact Ex Libris customer support.
- **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.
- **December 2019 Digital Resource Management SF: 00698862**  
When running the the media conversion job on a logical set set of files, some files fail, but then succeed when running the job on the set again. This was fixed.
- **November 2019 Release Update API SF:**  
The Get-Analytics-Report API was missing namespace when retrieving the 2nd page of the report. This was fixed.
- **November 2019 Release Update User Management SF: 00746200 00749731 00749732 00749736 00749745 00750548 00751005 00751106 00751132 00751205 00751992**  
The First Name field became mandatory by default even if it was removed from the Public/Staff User Mandatory Fields configuration. This was fixed.
- **November 2019 Release Update Resource Management SF: 00749729 00751063**  
When searching external resources based on a record that is being edited, the OCLC prefix will now be automatically removed.
- **November 2019 Release Update Resource Management SF: 00715452**  
When selecting a GND authority in F3, \$\$9 would be incorrectly removed. This was fixed.
- **November 2019 Release Update Resource Management SF:**  
When opening a GND/BARE authority record that was not up to date, it did not display the message asking to reload the up to date version. This was fixed.
- **November 2019 Release Update Fulfillment SF: 00751886**  
The Attach to request button disappeared in the row action. This was fixed.
- **November 2019 Analytics SF: 00622887**  
In Analytics, in the Fulfillment subject area under the Loan Details folder, the Loan Note field contained no data even when the loan had a note. This was fixed.
- **November 2019 Fulfillment - Course Reserves SF: 00633268 00650354 00702102 00702106**

- An error appeared when adding a Network Zone item to a reading list. This was fixed.
- **November 2019 Analytics SF: 00654719 00633640 00654656 00632700 00721014**  
Adding the Portfolio URL Type field to a report causes the portfolio URL to appear incorrectly. This was fixed.
  - **November 2019 Analytics SF: 00654361**  
Deleted/archived was added as a possible value for the Leganto Publication List Visibility field.
  - **November 2019 Acquisitions SF: 00590990**  
Renewal reminder field was not saved to PO Line template. This was fixed and now the renewal reminder is part of the PO line template.
  - **November 2019 Acquisitions SF: 00618926 00694448**  
There was a problem with the indexing of the vendors. This was fixed.
  - **November 2019 Acquisitions SF: 00686375**  
Label changed from Order lines to PO Lines to align other acquisition pages.
  - **November 2019 Acquisitions SF: 00652405**  
Previously, the electronic resource editor allowed a user to enter free text into the PO Line field. This has been corrected, and only existing PO Lines can be saved in that field.
  - **November 2019 Acquisitions SF: 00698981**  
When exporting a PO line's invoice lines list to Excel, the **subscription from date** and **subscription end date** are now populated.
  - **November 2019 Acquisitions SF: 00571428 00712691**  
An error was displayed when selecting the **Amendments** tab of a license. This was fixed.
  - **November 2019 Acquisitions SF: 00710006 00686458 00666128 00732123 00699674**  
The Electronic Activation job created extra collections due to a problem caused from restarts on the server. This was fixed.
  - **November 2019 Acquisitions SF: 00676281**  
When executing the new PO Line - Claiming job (Process Automation), the status for some PO Lines was not set to **Claimed**, so they were not added to the claim list. This was fixed.
  - **November 2019 Acquisitions SF: 00673267 00712680 00686704 00650575 00690182**  
When creating an invoice line with a negative expenditure, and a poline attached, if the calculation of the disencumbrance is negative or zero, the disencumbrance will not be created.
  - **November 2019 Acquisitions SF: 00725601 00660235 00666341 00722750**  
In import EOD process, there was an issue in the fund balance calculation. This was fixed.
  - **November 2019 Acquisitions SF:**  
When refreshing the page for some reason, the unsaved fields will not be deleted.
  - **November 2019 Acquisitions SF:**  
In case of missing or wrong credentials, there will be an error message.
  - **November 2019 APIs SF: 00706335**  
The request-options API returned results more than once. We now dedupe the GES codes if there is one that is in both GetIt and ViewIt.
  - **November 2019 APIs SF: 00722604 00703508**  
The Pick-from-shelf API (/task-lists/requested-resources) ignored copies when 2 holding records share the same call-no. This was fixed.
  - **November 2019 APIs SF: 00684540 00510675**  
Update/Create Vendor APIs: it was mandatory it have at least one preferred emails. It is now possible to have the vendor without any preferred emails.
  - **November 2019 Fulfillment SF: 00230064 00363496 00578159 00201016 00549248 00462294**  
It was not possible to decimal amount in Fines/Fees Notification Profile. This was fixed.
  - **November 2019 Fulfillment SF: 00693454 00660163**  
Due to faulty value of fine currency the displayed Active Balance wasn't accurate, this was fixed by updating the currency value to correct one.
  - **November 2019 Administration and Infrastructure SF: 00582602 00405979**  
For users, First Name, Last Name, and Email Address were not mandatory when other fields were configured as mandatory. This was fixed, and now they are always mandatory.

- **November 2019 Administration and Infrastructure SF: 00589457**  
Proxy Of tab in User Details didn't support pagination for more than one page of proxies of. This was fixed.
- **November 2019 Administration and Infrastructure SF: 00729996 00671358**  
'Force password change on next login' failed with the new IdP. This was fixed.
- **November 2019 Administration and Infrastructure SF: 00699956**  
For customer who use case-insensitive user identifiers, the SIS failed to identify an input of of a user as a duplicate when the case in the additional-identifier wasn't the same of it's duplicate. This was fixed.
- **November 2019 Administration and Infrastructure SF: 00696699**  
Expired library cards cannot be renewed on the Patron Services page if the patron is part of a user group with a defined renewal fee. This was fixed.
- **November 2019 Resource Management SF: 00673006**  
When Holding does not have subfield 'c' in field 852, the item editor failed to save the new location. This was fixed.
- **November 2019 Resource Management SF: 00696578**  
Running Export Bibliographic job in French results in error when choosing set on some rare cases. This was fixed.
- **November 2019 Resource Management SF:**  
For member institution when adding a reminder on Network title from menu RM -> Reminders -> Network tab -> Add reminder and the title contains non Latin or diacritic characters. The reminder successfully added. 'successfully added' message appears with incorrect display of the special characters. Issue has been fixed.
- **November 2019 Resource Management SF: 00702938**  
In some cases a slow loading for Manage Deleted Repository searches occurs. Issue has been fixed.
- **November 2019 Resource Management SF: 00699766 00696051 00701041 00702606 00695740 00693601 00694971**  
Item availability appeared incorrectly when 'chronology I' includes multiple years, for example, '2010-12' . This was fixed.
- **November 2019 Resource Management SF: 00723554 00674138 00717807,**  
Oops error occurs for Add location to PO Line and Internal error occurs changing the location in the PO Line. Issue has been fixed.
- **November 2019 Resource Management SF: 00678384**  
Subfield \$t with value "0" (zero) is redundantly added to field 852 of the holdings record (created for the target – preferred – bib record) when merging two bib records via the "Merge Records & Combine Inventory" action in the MD Editor. This has been corrected.
- **November 2019 Resource Management SF: 00696528**  
Analytics displayed truncated values for internal notes, Description and location storage id fields of physical items (internal notes 1,2 and 3, Description, Location\_Storage\_Id). This was fixed and these fields are now displayed correctly, up to a length of 4000 characters. The change will be applied \*gradually\* during December and January.
- **November 2019 Resource Management SF: 00698666**  
When trying to relink itemless holdings to different bibliographic record, in some cases an error message appears. This was fixed.
- **November 2019 Resource Management SF:**  
Items that have some value, appeared twice in the physical item list. This was fixed.
- **November 2019 Resource Management SF:**  
Avoid duplicates in the flattening table by merges in the save flow. add distinct to the selected queries. override existing bib instead of create new one in each contribution.
- **November 2019 Resource Management SF: 00513704 00712102**  
Some portfolios have Bulk::BULK in their parser parameters, that was not expected. A data corrector was added to fix these portfolios. It will appear in debug mode, in 'Alma DB Status' page and it's called 'getLocalPortfolioWithParseBulkBulk'.
- **November 2019 Resource Management SF: 00563992 00653886 00700960**  
In the RSS publishing job, in rare cases the Max Days parameter in the RSS publishing profile was ignored by the job. This was fixed.
- **November 2019 Resource Management SF: 00671194**  
'Publish your Local Holdings Records (LHRs) to OCLC' publishing job: holdings records are published as "updated" when, in fact, nothing has changed for these holdings records. This issue occurs when the bibliographic records to

which the holdings records are attached were published as new, have no historical records (such as being created and never edited again), and have changed. This was fixed.

- **November 2019 Resource Management SF: 00683070 00701007 00420703**  
In the MD Editor when using suggestions that included the Eszett character in 260 \$a or 264 \$a, the result did not sort correctly. This was fixed.
- **November 2019 Resource Management SF: 00420703**  
In the MD Editor when using suggestions that included the hyphen character in 260 \$a or 264 \$a, the result did not sort correctly. This was fixed.
- **November 2019 Administration and Infrastructure SF: 00594131**  
The Send Requests to Remote Storage job sometimes exported at the same time multiple requests which were attached to the same item. Now, if multiple requests are in the 'Waiting for remote storage' status and they are all waiting for the same item, the export job will only export one of them, the rest will remain in the waiting status. The job report will list these requests under the failed requests event. The job will attempt to export these requests again on its next runs. Only when the 1st request completes and the item becomes available again, the job will export the next request on the item.
- **November 2019 Administration and Infrastructure SF: 00582085**  
Export Physical Items job: The first four columns of the csv output file - MMS Record ID, HOL Record ID, Item PID, and Barcode - are now enclosed in single quotes, to prevent corruption of long numbers when the file is opened by Excel.
- **November 2019 Administration and Infrastructure SF: 00576039 00690916 00522280 00534267 00690192 00710169 00578636 00717951 00716931 00638837 00582873 00532675 00511470 00532836 00511961 00612883 00600236 00604804 00541661 00576313 00565728 00583305 00605430 00567327 00675477 00679993 00669433 00514093 00700906 00701279 00700688 00525091 00611113**  
Sometimes null value is displayed in search index dropdown. This was fixed.
- **November 2019 Administration and Infrastructure SF: 00665722**  
Export to Excel - no possible to choose 'all fields' if the columns display is not customized. This was fixed.
- **November 2019 Administration and Infrastructure SF: 00652697**  
'Search bibliographic records matching this value' Created a Wrong Query. This was fixed.
- **November 2019 Administration and Infrastructure SF: 00583137 00573733 00571629 00577708 00578111 00608408**  
When you open related records in NZ tab, and then search on IZ you get error and ui corrupted. This was fixed.
- **November 2019 Administration and Infrastructure SF: 00575442**  
When using Browse Bibliographic Headings, it presents an incorrect display of series. This was fixed.
- **November 2019 Administration and Infrastructure SF: 00656682 00632391 00646131 00656681 00658200 00619787 00658285**  
Previously, when creating an item level request from Primo, the Material Type and Loan Period request attributes were automatically selected with the requested item's attributes. Now, the optional values for these fields include also the 'Empty' value which is now the default value.
- **November 2019 Administration and Infrastructure SF: 00627889**  
When using the IE/Edge browser, the ViewIt portfolio directs to a blank page. This was fixed.
- **November 2019 Fulfillment SF: 00663795**  
The page load time has been improved for the Resource Sharing Lending Requests task list.
- **November 2019 Fulfillment SF: 00695132 00693028 00653241 00724246**  
In some cases, the FulHoldShelfRequestSlipLetter was sent twice to the printer. This was fixed.
- **November 2019 Fulfillment SF:**  
Performance improvements were done in the Patron Services-Loans page.
- **November 2019 Fulfillment SF: 00683416**  
When an item was returned via a self-check machine and the check-in was rejected/fails, for instance because the item could not be returned at this location, Alma responded with a screen message (AF) indicating the reason for that, but the title identifier (AJ) was missing. This was fixed. The title identifier (AJ) now returns even in case of an error.
- **November 2019 Fulfillment SF:**  
The Course Activation Job sometimes failed. This was fixed.
- **November 2019 Fulfillment SF: 00692965 00691870 00702571 00690896**  
Setting Expiry Date for user throught Update/Notify Job will from now on assign the end of day to the date.

- **November 2019 Fulfillment SF: 00634501**  
The 'Request/Process Type' field in the 'Manage In Process Items' page was not translated. This was fixed.
- **November 2019 Fulfillment SF:**  
The Course Activation Job failed if there existed any course with end date = 31-DEC-9999. This was fixed.
- **November 2019 Fulfillment SF: 00694029**  
A performance improvement was introduced to the re-loan checks for Self Check.
- **November 2019 Fulfillment SF: 00694029**  
In some cases, when a self check machine sent a series of 63 messages, an error occurred. This was fixed.
- **November 2019 Fulfillment SF: 00670083 00643356 00683892**  
In some cases, when a self check machine sent a 64 message, an error occurred. This was fixed.
- **November 2019 Fulfillment SF: 00657570**  
Previously if a request was cancelled while it was in status 'Waiting for remote storage', the request was sometimes exported by the Send Requests to Remote Storage job event though it was cancelled. In this case, the exported request was missing the Barcode, MMSID, and item ID XML fields. Now cancelled requests are not exported by the job.
- **November 2019 Fulfillment SF: 00686404**  
The count of request on the item, in some scenarios, is not equal to the number of actual requests which appears after clicking on the request number. This was fixed.
- **November 2019 Fulfillment SF: 00653309**  
Previously, the locate job did not check if the location of the item is suppressed or not, so items from suppressed locations were retrieved. This was fixed.
- **November 2019 Fulfillment SF: 00667231**  
The barcode field displayed in the lending request is now displayed in the lending requests task list as well, under Requested Barcode. In addition, it was added to the excel report when exporting the list, and to the slip report (xml/excel).
- **November 2019 Fulfillment SF: 00685196**  
Previously, when a lending request received a negative conditional reply, the attached move request was not canceled. This was fixed.
- **November 2019 Fulfillment SF: 00686288**  
Previously, when a lending request is received a positive conditional reply, the status was changed to Created lending request, even when a move request was already created and attached to the lending request. This was fixed and now, if there's a move request, the status will be changed to Being proceeded.
- **November 2019 Fulfillment SF: 00670566**  
A validation error message that appeared when a BLDSS request was sent did not contain the status message that was received in the response from BL. This was fixed, the status message is now added to the History of the request.
- **November 2019 Fulfillment SF: 00711746**  
Previously, the list of the blocks the user has were displayed in the user popup, in the Blocks field. Now, instead, there's an indication whether the user has active blocks or not.
- **November 2019 Fulfillment SF: 00709245 00731881**  
In some cases, Fulfillment Services Managers and Fulfillment Services Operators could not reactivate resource sharing requests. This was fixed.
- **November 2019 Fulfillment SF:**  
Borrowing requests created by the open receipt service will be created with the status: 'Request sent to partner'.
- **November 2019 Fulfillment SF: 00732766 00728611 00722133**  
Change in xml made a regression. This was fixed.
- **November 2019 Fulfillment SF:**  
Export Bibliographic Records Finish Job notification email message has incorrect instructions. This has been fixed and now the message indicates that the exported file(s) can be found at 'Admin > Manage export'.
- **November 2019 Resource Management SF: 00681838**  
When flipping fields by using a normalization rule, the field's indicators were not flipped. This was fixed.
- **November 2019 Resource Management SF: 00159498 00535286 00110864 00513516 00647341**  
Some bibliographic records had a future creation date. These records were fixed. You can ask Ex Libris to run a data

corrector if you experience this problem in the future.

- **November 2019 Resource Management SF: 00567767**  
Adding controlled vocabulary values did not work properly when adding fields from a template. This was fixed.
- **November 2019 Resource Management SF: 00653246**  
Deleting a bib network record from the MD Editor, by a member institution took a long time (sometimes as long as 30 seconds). This has been corrected.
- **November 2019 Resource Management SF: 00681242 00686352**  
There were no possible values for field 006's positions in the MARC21 bibliographic profile. This issue was fixed according to the MARC standards.
- **November 2019 Resource Management SF: 00674818**  
In the MD Editor, when using F3 to browse MESH subject authority records with hyphenated text, they were found only without the hyphen. (Example text: 'Evidence-based medicine' can be found only without hyphen.) This was fixed. Note that since the customer uses the German search and browse settings, when browsing a local (or NZ) authority, hyphens are stripped and are not replaced by space (e.g Evidence-based medicine is treated as 'Evidencebased medicine' The behavior described for searching for authorities which contain umlauts is the expected behavior when using the German settings.
- **November 2019 Resource Management SF: 00687149**  
In the MD Editor when testing a normalization rule that modifies the holding fields 866, 867 and 868 fields with the MD Editor's Preview feature the record's 853 fields will sometimes be highlighted as though they were affected by the normalization rule (even though they shouldn't be). Issue has been fixed.
- **November 2019 Resource Management SF: 00696292**  
In the MDEditor the 'Refine Search' when searching external resources is not translated. Issue has been fixed.
- **November 2019 Resource Management SF: 00701365**  
In the MARC21 bibliographic profile, position 03 was missing from field 006 for 'Serial/Integrating resource' (s) form of material. this was fixed.
- **November 2019 Resource Management SF: 00687655**  
When doing a crosswalk for Unimarc bibliographic records to Marc21 records, In field 606 only sub fields y and z were converted to field 650 sub fields. This has been fixed and now all sub fields are converted.
- **November 2019 Resource Management SF:**  
When editing an authority record from Bib > F3 the record is opened as Bib instead of Authority. This was fixed.
- **November 2019 Resource Management SF: 00706029**  
An Error has occurred while trying to load authority view in the MD Editor for NZ records with local extension fields edited by IZ. This was fixed.
- **November 2019 Resource Management SF: 00654399**  
The following fixes were made in the MARC21 authority profile, according to the MARC standards: 1) In field 008, position 9, the value '|' was added. 2) In the LDR field, position 18, the field's description and values were updated. 3) In the LDR field, position 19 was added. These changes apply to customers that have not configured the LDR. For customers that have configured the LDR, the fix will take place from November 2019.
- **November 2019 Resource Management SF: 00659343**  
Bib heading appears as if they are linked to a wrong Authority in the MD Editor for NZ records with local extension fields edited by IZ. This was fixed.
- **November 2019 Resource Management SF: 00681274**  
Doing F3 on a Chinese name would not find the correct LCNAMES authority. This was fixed.
- **November 2019 Resource Management SF: 00593476 00648644**  
Updates for Bibliographic Marc21 Crosswalk to Unimarc. Map Marc21 710 to Unimarc 712. Set 2nd indicator to 2. Map Marc21 246 to Unimarc 517. Copy 1st indicator as is. Set 2nd indicator to blank. Sub field mapping: \$\$a to \$\$a, \$\$b to \$\$e Map Marc21 852 to Unimarc 852 as is. Map Marc21 541 to Unimarc 345. Sub field mapping: \$\$a to \$\$a. Map Marc21 650 to Unimarc 606. Sub field mapping: \$\$0 to \$\$3 copy the value of 650 \$\$0 to 606 \$\$3 Currently, \$3 is also mapped to \$3. This has been changed so that MARC21 650 \$3 will not be mapped at all.
- **November 2019 Resource Management SF: 00584992 00584695**  
Duplicate records appeared after updating from the central catalog. This was fixed.
- **November 2019 Administration and Infrastructure SF: 00656217 00668227 00590725 00648393 00697253 00655322**

The Exlibris footer sometimes appeared in the middle of the page. This was fixed.

- **November 2019 Administration and Infrastructure SF: 00210326 00568180 00696281 00483886 00705243 00689444 00365765**  
Physical Items Sort Routines list was not translated according to the interface language of the customer. A fix was implemented for new customers and customer which did not customize the sort routines. Customers which already customized the sort routines: In order to have the list fully translated, please restore for the Physical Items Sort Routines.
- **November 2019 Administration and Infrastructure SF: 00461784**  
The scroll-bar for drop-down lists is not displayed properly. This was fixed.
- **November 2019 Administration and Infrastructure SF: 00611194**  
Alma Release Schedule display overlaps Help menu. This was fixed.
- **November 2019 Administration and Infrastructure SF: 00671675**  
'Tasks' List is not Alphabetical. This was fixed.
- **November 2019 Administration and Infrastructure SF: 00643584 00646138 00639708**  
Setting the language of reset password form is now possible.
- **November 2019 Administration and Infrastructure SF: 00744730**  
When exporting the letter list to Excel, the Enabled column was not included in the download. This was fixed.
- Enabled
- **October 2019 Acquisitions SF: 00724098 00725343 00725348 00725349 00725540 00725568 00725604 00725651 00725655 00727004 00727081 00727105 00727126 00727436 00727587 00727613 00727648 00728000 00728836 00729524 00730071**  
When a department was in the library level and statuses were in the institution level, the statuses were not displayed in the receiving workbench. This was fixed.
- **October 2019 API SF: 00724597**  
The Alma Course API call with search query for academic\_department or section did not work. This was fixed.
- **September 2019 Release Update Fulfillment SF: 00724290**  
The "Notifications - Send Courtesy Notices and Handle Loan Renewals" job was sending multiple emails or emails without due dates. This was fixed.
- **September 2019 Release Update Fulfillment SF: 00723509 00723844 00724463**  
Automatic printing on an email printer was not working. This was fixed.
- **September 2019 Release Update Fulfillment SF: 00723473 00723840 00724012 00724049 00724213**  
Errors appeared in the SIP patron information response message. This was fixed.
- **September 2019 Release Update Fulfillment SF: 00614301**  
When requesting an ASRS remote storage item, sometimes the request appeared in Alma with a status of Request Communicated to Remote Storage, even though the communication with the ASRS server failed. If the communication failed, Alma canceled the request with the cancellation reason of "Failed to communicate with remote storage". This was fixed.
- **September 2019 Release Update Analytics SF: 00723818 00724033 00724098**  
The "Keep in Department" drop-down on the Receive New Material page did not contain configured work order types. This was fixed.
- **September 2019 Release Update Analytics SF: 00723353**  
The Receive items list showed all items belonging only to one library, even though the locations were from were different libraries. This was fixed.
- **September 2019 Release Update Analytics SF: 00718409 00718484 00718681 00721482 00721696 00722307**  
When a Fund was used in PO Line or invoice line, it was not added correctly to the Recently used. This was fixed.
- **September 2019 Release Update Resource Management SF: 00723604**  
In some cases, Display of holdings and items information from Institutions was not working properly on the Networkzone. This was fixed.
- **September 2019 Release Update Resource Management SF: 00708955**  
Navigating from the Job events screen to viewing details of failed items in Aleph Bridge Integration job took more than one minute to load. This has been improved.

- **September 2019 Analytics SF: 00642524**  
In Analytics, in the Digital Inventory subject area, when adding the Rep Creation Year from the Representation Creation Date folder, the numbers were inflated. This was fixed.
- **September 2019 Analytics SF: 00688406**  
In Analytics, in the E-Inventory Collection PO dimension, the field Additional Order Reference was missing. It was added.
- **September 2019 Acquisitions SF: 00653656**  
In some cases of invalid BR2 COUNTER files, validation did not work correctly and returned an error. This was fixed.
- **September 2019 Acquisitions SF: 00650964**  
The Associated PO lines tab wrongly calculated the number of records when some of the PO lines did not have an mms\_id. This was fixed.
- **September 2019 Acquisitions SF: 00695120 00669052 00562949 00638045**  
When loading PO Lines from a file to create a PO Lines set, the PO Line reference number was case sensitive and some PO Lines were not found. This was fixed, and now Add Members to Set is case insensitive.
- **September 2019 Acquisitions SF: 00090792 00239644 00403543 00403906 00505760 00697313 00514477 00517670**  
Pagination did not work on the Associated PO lines list page. This was fixed.
- **September 2019 Acquisitions/Resource Management SF: 00570609 00572071 00556744**  
In some cases, adding a PO line for an item using the Physical Item Editor failed. This was fixed. Now, the PO line parameter only appears in the Physical Item Editor after basic, required information is entered and you select Save and Edit.
- **September 2019 Acquisitions SF: 00518908 00583378 00594362**  
When creating a new invoice and selecting Save and create invoice lines, duplicate Adjustment lines were created. This was fixed.
- **September 2019 Acquisitions SF: 00652945 00700251**  
A user could not customize the License Printout Letter fields. This was fixed.
- **September 2019 Acquisitions SF: 00649557**  
There was no warning when deleting a license term which existed in an active license. Now an error appears if the licences term is used in any license (not only active licenses, because deleted license can be reactivated).
- **September 2019 Acquisitions SF: 00619808**  
Searching for non-English titles that contained diacritics not working as expected on the Receive Items page. This was fixed.
- **September 2019 Acquisitions SF: 00648063 00650554 00599063**  
E-books unexpectedly appeared in the Claim list. This was fixed.
- **September 2019 Acquisitions SF: 00685211 00352190 00634808**  
The field Remind participants before trial ends was not used by the Trials - Start and Notify Participants job. This was fixed. Note that the job must be run in the correct scope.
- **September 2019 Acquisitions SF: 00620952**  
An error message appeared when adding a fund to a PO line. This was fixed.
- **September 2019 Acquisitions SF: 00671838**  
When creating a PO line using a template for a vendor that is now inactive, the inactive vendor is added to the PO line. This was fixed, and this vendor is no longer added.
- **September 2019 Acquisitions SF: 00588091 00632407 00630128**  
The SUSHI Harvesting job for DB1 from ProQuest failed. This was fixed.
- **September 2019 Fulfillment SF: 00631387**  
When a loan due date was changed, in some cases the patron expiry date was not taken into consideration. This allowed a new due date which exceeded the patron expiry date. This was fixed. The report of the Due Date Correction after Calendar Change job was updated to note when this happens (the report of the Bulk Change Due Dates job already contains this information). In addition, when a due date is changed, if the new calculated due date is in the past (this may happen for due date adjustments due to patron expiry or closed library), the action fails and an error message appears. If the action was performed by a job (Bulk Change Due Dates job \ Due Date Correction after Calendar Change job), the job report includes the list of these failed loans.
- **September 2019 Resource Management SF: 00654688 00690749 00659700 00658144 00659086**

The Delete portfolios job did not work for an itemized set of titles. This was fixed.

- **September 2019 Resource Management SF: 00639448**  
When viewing the portfolio title, More Actions > Test Access does not work; the Test Access button when editing the portfolio worked. This was fixed.
- **September 2019 Resource Management SF: 00453168**  
After moving items to another holdings (using the Items List) or relinking items to another bibliographic record, the original holdings continued to appear. This was fixed.
- **September 2019 Resource Management SF: 00681832**  
If C is a Chinese character, and A an ASCII character, for the two ""center dot"" punctuation that are used in CJK bibliographic records (KATAKANA MIDDLE DOT (U+30FB. e3 83 bb)) and (MIDDLE DOT (U+00B7. c2 b7)), C?A and C·A were incorrectly transliterated to ""C ,A"" and A?A and A·A were incorrectly transliterated to ""A,A"". They should have been transliterated to "" , "" . This was fixed.
- **September 2019 Resource Management SF: 00696707**  
Process types under Old and New Values in the History tab were not translated in Physical Item editor. This was fixed.
- **September 2019 Resource Management SF: 00689209 00712854 00711748 00692833**  
Translation for filters has been added to the items list for Year, Volume, Description, and Receive date.
- **September 2019 Resource Management SF: 00633005**  
The List of Items page was not correctly refreshed after making changes to items, such as binding or removing. This was fixed.
- **September 2019 Resource Management SF: 00683763 00683951 00694766**  
Since the May release, various inventory actions (returning items, saving holdings) sporadically resulted in an error. These were fixed.
- **September 2019 Resource Management SF: 00704605 00640849 00619378**  
In some cases, when the number of items associated with same holdings record was large, some operations on a single item (such as duplicate, move an item to different holdings record, add an item from items list, etc.) took a long time. This was fixed.
- **September 2019 Resource Management**  
For quick cataloging (Resources > Add Physical Item > Citation Type Book, the Editor field in the form was not mapped to the bibliographic record. This field is now mapped to subfield \$a of field 700 (MARC21 format) in the newly created record.
- **September 2019 Resource Management SF: 00082497 00678051,**  
In the Portfolio Editor, 'Portfolio availability' was misspelled. This was fixed.
- **September 2019 Resource Management**  
Upload electronic holdings no longer deletes portfolios with attached PO lines.
- **September 2019 Resource Management SF: 00677912**  
Extended export to Excel of a journal could fail if there were too many notes on one of the portfolios. This was fixed, and now a new Excel column is created for each note assuming this does not make the export over the maximum number of columns for Excel (256).
- **September 2019 Resource Management SF: 00673160**  
When activating a collection using an Excel file, the analysis file had a .8 extension which could not be opened. This was fixed, and has now the file has a .xlsx extension.
- **September 2019 Resource Management SF: 00672009**  
Deactivating a portfolio did not update the modification date. This was fixed.
- **September 2019 Resource Management SF: 00674411**  
In Electronic Collection Editor, when adding Level URL (override) or Level URL and saving, the field value is added to all of the collections, which was incorrect. This was fixed, and the URL is not copied to the other collections.
- **September 2019 Resource Management SF: 00488818**  
In the Upload Electronic Holdings job, when a vendor's file had a title with two lines to represent multiple coverage records, and one of the lines had an embargo, the job did not recognize the second line as a match to the title, so the coverage and embargo in the second line were not saved. This was fixed.
- **September 2019 Resource Management SF: 00614304**  
In the local portfolio creator and editor, the interface name field allowed a user to save any text as an interface name, even if the text did not match any existing interface. This field is now validated when it is saved, so that only an existing

interface name can be saved for a local portfolio or collection.

- **September 2019 Resource Management SF: 00583998 00624959 00548131**  
If an electronic collection in the Community Zone that was activated using an Excel file is validated offline, the analyzed file created in the job report could not be opened if the input was '.xlsx'. This was fixed.
- **September 2019 Resource Management SF: 00213495 00235182 00201173 00228378 00526813 00179021 00200842 00222511 00212440 00390669 00221305 00171657 00219705 00209820**  
Selecting Activate All to activate all portfolios from a community collection now triggers a background job Portfolios activation job for a large (> 200) number of portfolios.
- **September 2019 Fulfillment**  
When publishing to Primo with headings enrichment, in some cases some of the headings were not published with their linked authority information. This was fixed.
- **September 2019 Resource Management SF: 00696112 00682271 00690217 00708312**  
Records with invalid content caused publishing jobs to fail when they could not be converted to the output format binary MARC (when the publishing profile had 'Include all records each time file is published' selected.). This was fixed to catch and log the bad records.
- **September 2019 Resource Management SF: 00708894 00683005**  
In some cases, the number of unpublished records displayed in the General Publishing job report did not match the actual number of unpublished published records. This was fixed.
- **September 2019 Resource Management SF: 00668017 00210323 00210326 00568180 00483886 00171118 00692974 00365765 00521879 00656895**  
The terms 'List of Items' and 'Process Type' in the List of Items screen were not translatable. This was fixed.
- **September 2019 Resource Management SF: 00678864**  
In the search results for All Titles and Physical Titles, Alternate Title appeared as a non-bold link under the main title (alternate graphic representation of field 245 in MARC21/KORMARC; non-Latin field 200 in Unimarc/CNMARC) and contained only subfields \$a and \$b from field 245 in MARC21/KORMARC and subfields a,e,h,i from non-Latin field 200 in Unimarc/CNMARC. This was fixed. Now Alternate Title contains subfields a,n,p,h,b,c,f,g,k,s from the alternate graphic representation of field 245 for MARC21/KORMARC, and subfields a-i from non-Latin field 200 in Unimarc/ CNMARC.
- **September 2019 Resource Management SF: 00668017 00210323 00210326 00699868 00568180 00483886 00171118 00692974 00365765 00521879 00656895**  
In the Items List and the Physical Items search results pages, Process Type was not translated properly. In addition, when changing the process type from empty to (non-English) Missing using Toggle Missing Status, this action disappeared from the row actions list. These were fixed.
- **September 2019 Administration and Infrastructure SF: 00556966**  
A search term link to jump to the persistent search box did not work in Firefox. This was fixed.
- **September 2019 Resource Management/Administration and Infrastructure SF: 00665351**  
When managing the members of an itemized set, you could not click through to the electronic collection or service. This was fixed.
- **September 2019 Alma-Summon Integration SF: 00627766 00658398**  
Alma included ISBNs from the 020\$z subfield – canceled/invalid ISBN – in the institution holdings file sent to Summon Index. This led to false positive full-text availability status on records with this same ISBN. This was fixed.
- **September 2019 Fulfillment SF: 00643132 00697125**  
When scanning an item, the destination field (for example, On Hold Shelf) was not translated. This was fixed.
- **September 2019 Fulfillment SF: 00653241**  
In some cases, the FulHoldShelfRequestSlipLetter was sent twice to the printer. This was fixed.
- **September 2019 Fulfillment SF: 00619246**  
The Overdue and Lost Item job sometimes handled incorrectly the Days after status date parameter. This was fixed.
- **September 2019 Fulfillment SF: 00632074 00660631**  
Pagination was added to the Fulfillment Activities list in the History tab of the physical item editor.
- **September 2019 Fulfillment SF: 00613660 00672831 00530524 00624409 00704809 00602267 00648069 00680367 00546090 00553349**  
Sometimes a duplicate loan to the same patron appeared. This was fixed.
- **September 2019 Fulfillment SF: 00663937 00694029**

In a SIP2 patron information request from a Bibliotheca kiosk, the Overdue Items request was not aligned with the Charged Items request. This was fixed, and now 1. Alma returns only the overdue items without the charged items, and 2. When BP or BQ message elements are requested, Alma returns only the requested items.

- **September 2019 Fulfillment SF: 00668356 00640255 00572380 00555060 00687723 00572424**  
An error appeared when trying to update the Discovery Interface Labels code table. This was fixed.
- **September 2019 Fulfillment SF: 00380383 00696222 00449565 00363006 00364224 00547021 00595649**  
The performance of the Send Courtesy Notices and Handle Loan Renewals job was improved. In addition, loans of the same user are always aggregated into one letter.
- **September 2019 Fulfillment - Resource Sharing SF: 00665745 00660577**  
When a borrowing request was rejected from the borrowing request task list and the status of the request was not 'Request sent to partner' after the rejection, an error message appeared indicating that the request was not rejected. This was fixed and the error no longer appears.
- **September 2019 Fulfillment - Resource Sharing**  
When a hold request that was created using AFN was cancelled, the cancellation message was sent directly to the requester. This was fixed and now the message is sent only to the borrowing institution, only if the rota is exhausted.
- **September 2019 Fulfillment - Resource Sharing SF: 00614301**  
When requesting an ASRS remote storage item, sometimes the request appeared in Alma with a status of Request Communicated to Remote Storage, even though the communication with the ASRS server failed. Now, if the communication fails, Alma cancels the request with cancellation reason: Failed to communicate with remote storage.
- **September 2019 Fulfillment - Resource Sharing SF: 00708066**  
The user popup was not displayed from borrowing request edit page when the user had identifiers and a preferred identifier is configured. This was fixed.
- **September 2019 Fulfillment - Resource Sharing**  
The Ship Item and Ship Item Digitally row actions appeared inactive lending requests. This was fixed.
- **September 2019 Fulfillment - Resource Sharing SF: 00678378 00633040 00681920 00672594 00629748 00666686**  
The due date of a resource sharing borrowing request loaned item will now consider the opening hours of the Resource Sharing library when renewing the request.
- **September 2019 Fulfillment - Resource Sharing SF: 00641700**  
A resource sharing borrowing request in Returned by Patron status is no longer counted towards the patron's active resource sharing request limit.
- **September 2019 Fulfillment - Resource Sharing SF: 00649197 00706090 00658366**  
When a borrowing request was received in a different format than the requested format, if the operator had entered charges, they were overridden. This was fixed.
- **September 2019 Fulfillment - Resource Sharing SF: 00548468 00683448**  
A resource sharing request could not be renewed if there was another request in title level. This was fixed.
- **September 2019 Resource Management SF: 00641847**  
If there were several holdings with the same location but different call numbers, the Z39 results showed only the first holdings. All holdings with the same location now appear sorted by call number.
- **September 2019 Resource Management SF: 00472436 00479980 00477696 00494725 00569572**  
Umlauts did not always appear correctly in Internet Explorer 11. This was fixed.
- **September 2019 Resource Management/Collaborative Networks SF: 00457480 00378347 00591318**  
When running an MD import with the Using NZ type profile, when creating a new cached record, the 001 field of the cached record was set with the institution mms\_id. This was fixed.
- **September 2019 Resource Management SF: 00709191 00714030 00715014 00714983**  
In the MD Editor, there was an intermittent error where the institution icon for a draft record was blue before the record was saved. This was fixed.
- **September 2019 Resource Management SF: 00659346**  
When typing in Japanese, spaces were not added automatically after subfield codes. This caused a problem when sending the record to Happiness transliteration system. Spaces are now added before sending the record to Happiness.
- **September 2019 Resource Management SF: 00665317**  
In the MD Editor, selecting Update from Bib updated the holding record 852 subfield \$\$h with the bibliographic record

090 subfield \$\$a instead of 050 subfield \$\$a. This was fixed. Now first priority of the Call Number Mapping is used.

- **September 2019 Resource Management SF: 00551854**  
In the MD Editor, the cursor jumped after deleting Hebrew characters. This was fixed.
- **September 2019 Resource Management SF: 00154885 00657028 00678417 00687799**  
When importing records, new records were created with Ex Libris as the creator. This caused the Creator to change when the record was edited, and this created a discrepancy between the Creator and the creation date. This was fixed, and now new records are created with System as the creator during import.
- **September 2019 Resource Management SF: 00644993 00664999**  
In the MD Editor, when using F3 to create a new UNIMARC authority record for a specific UNIMARC bibliographic record 7XX field, indicator values were not copied from the bibliographic field. This was fixed. In addition, in some cases the tag of the preferred term field in the new authority record was created incorrectly with four digits. This was fixed.
- **September 2019 Resource Management SF: 00679933**  
When displaying the record view of authorities with two 100 fields, the second one was displayed in the title instead of the first. This was fixed.
- **September 2019 Resource Management SF: 00648222**  
In the MD Editor, some subfields are control subfields and their value should not have been considered in the following operations: looking up authorities in F3 (subfield is ignored), selecting authorities from F3 (subfield is preserved after selection), while trying perform linking after save (subfield not part of the normalized value), after Preferred Term Correction (subfield is preserved).
- **September 2019 Resource Management/Collaborative Networks SF: 00652697 00220667**  
Local vocabularies of the Network Zone appeared incorrectly in the member institutions. This was fixed.
- **September 2019 Resource Management/Collaborative Networks SF: 00402379**  
An authority record in the Network Zone appeared in the Network Zone as Vocabulary = HKCAN (correctly), whereas in a member institution's Network tab the vocabulary appeared as BARE. This was fixed.
- **September 2019 Resource Management SF: 00666021**  
Some users received an error when viewing Import Profile History. This was fixed.
- **September 2019 Resource Management SF: 00651886**  
When importing the same record twice, with different items and holdings mapping, in an import job, the report counter was wrong. This was fixed.
- **September 2019 Administration and Infrastructure SF: 00634443**  
When a user edited an import profile, Modified by User was not updated. This was fixed.
- **September 2019 Resource Management SF: 00634794**  
When a 410 field for a series existed with subfield \$a and \$i, they did not appear correctly in browse headings. The angular parentheses appeared, but the article was omitted. There was no punctuation between subfield \$a and subfield \$i. This was fixed. This fix will take effect after a full inventory indexing.
- **September 2019 Resource Management SF: 00625885**  
In the MD Editor when editing a CNMARC record, the form for the 193 field gave incorrect options for several positions. This was fixed.
- **September 2019 Administration and Infrastructure SF: 00491878 00626536**  
Dates were not translated in the Alma welcome message and release information. This was fixed.
- **September 2019 Administration and Infrastructure**  
On the Customize Letters page, the XSL editor tooltip was covering other text. This was fixed.
- **September 2019 Administration and Infrastructure SF: 00572099**  
In the Home screen widget, there was no scroll bar for the drop-down list in Internet Explorer. This was fixed.
- **September 2019 Resource Management SF: 00580065 00467609 00501855**  
In the MD Editor, Shift + F2 returns you to the Alma home page, and Ctrl + Alt + F changes focus to the search bar.
- **September 2019 Resource Management SF: 00207837 00466156 00350341**  
In the MD Editor, Alt+B now executes the back button, as expected. Alt+Shift+B places the focus on the bibliographic tree.
- **September 2019 Acquisitions SF: 00342201 00033984 00643587**  
When viewing the New Order Import Profile, the reporting code did not appear. This was fixed.

- **September 2019 Resource Management SF: 00634501 00690185**  
In the Summary section of the Physical Item Editor, Process type was not translated. This was fixed.
- **September 2019 APIs SF: 00673034**  
In the POST invoice line API, the price and quantity are now populated from the PO line and overridden with the price and quantity in the payload, when available.
- **August 2019 Release Update Resource Management SF: 00714652**  
In the md editor, it was not possible for institutions with translation to open the form editor for position 007 (ctrl+F). This was fixed.
- **August 2019 Release Update Resource Management**  
The RSS link attribute is now encoded for validation.
- **August 2019 Release Update Resource Management**  
The August change for the child/parent and related record enrichment has been reverted.
- **August 2019 Release Update Fulfillment - Resource Sharing SF: 00714279 00714848 00715183**  
Previously, after scanning each item, the user needed to click the barcode field before scanning in the next item. The cursor is now positioned in the barcode field after scanning.
- **August 2019 Release Update Fulfillment - Resource Sharing SF: 00711890**  
When an item's current status was **Item in place (awaiting reshelving until [date/time])**, the item could not be requested for Resource Sharing. This was fixed.
- **August 2019 Administration and Infrastructure**  
Validating file rows when creating an itemized set was slow. The performance was improved.
- **August 2019 Administration and Infrastructure SF: 00321093**  
The **Language** facet in the repository search results did not correctly account for special characters when sorting the list of languages. This was fixed.
- **August 2019 Administration and Infrastructure SF: 00543688 00653987 00633483 00650851 00650953 00651424 00651934 00654559 00656487 00657120 00661789 00668749 00700154**  
The sandbox link in the Help menu did not support SAML. This was fixed.
- **August 2019 Analytics SF: 00577249 00577273 00642850 00570789 00576528 00577251**  
In Analytics, holdings records without items were not updated when there was a change in the Physical Items subject area. This was fixed.
- **August 2019 Analytics SF: 00516457**  
In Analytics, running a report on more than one fiscal year produced incorrect expenditure values. This was fixed.
- **August 2019 Analytics SF: 00681305 00682688 00686141 00686272 00686322 00673216 00679741 00685419**  
In Analytics, duplicate portfolios were returned after adding the field **Availability**. This was fixed.
- **August 2019 Acquisitions SF: 00619185**  
A user with the Physical Inventory Operator role was able to view and edit funds, even though the user did not have the Update Funds privilege. This was fixed.
- **August 2019 Acquisitions SF: 00669359**  
In the MD Editor, a user with the Purchasing Operator or Purchasing Manager role did not have access to the action **Tools > MARC Bibliographic > Create PO Line & Exit**. This was fixed.
- **August 2019 Acquisitions SF: 00668826 00654532 00658372 00661555**  
In the PO Line Claim Letter, **Subject** and **newSubject** were not translated. This was fixed.
- **August 2019 Acquisitions SF: 00605253**  
The BCC field was removed from the PO line cancellation letter code table.
- **August 2019 Acquisitions SF: 00643291 00642816**  
Import profiles uploaded Excel file data incorrectly. This was fixed.
- **August 2019 Acquisitions SF: 00653809**  
For a PO that had more than 1000 PO lines, the PO Summary page could not be loaded. This was fixed.
- **August 2019 Acquisitions SF: 00359712 00608648 00359712 00360583**  
When an invoice was set to **Ready to be Paid**, the assignment was not removed and the invoice could only be updated by the assignee. This was fixed, and now the invoice can be edited by any Invoice Manager.
- **August 2019 Acquisitions SF: 00674345**

The VAT code drop-down list displayed enabled and disabled values. This was fixed, and now the drop-down list displays only enabled values.

- **August 2019 Acquisitions SF: 00613855**  
The Manage License Terms table was not sorted properly. It is now sorted by description in alphabetical order.
- **August 2019 Acquisitions SF: 00613857**  
In the Manage License Terms page the label **Walk-In User** was changed to **Walk In User**.
- **August 2019 Acquisitions SF: 00653563 00680738**  
A user with the License Viewer role could edit all fields when selecting the license name in the license list. This was fixed and now the license is opened in view mode.
- **August 2019 Acquisitions SF: 00598833 00590949 00655051**  
A 404 error appeared after completing a trial form for the first time. This is fixed.
- **August 2019 Acquisitions SF: 00665067 00655803**  
The question type **Scale of Satisfaction** in a trial survey form contained **Very Satisfied** and **Very Dissatisfied**. These were removed, as they are not required in the new UI.
- **August 2019 Acquisitions SF: 00659471**  
When a question in a trial survey form had a special charter (&, {, and so forth), the form could not be opened. This was fixed.
- **August 2019 Acquisitions SF: 00651410**  
After rolling over a ledger, the allocated transaction appeared without the amount. This was fixed.
- **August 2019 Acquisitions SF: 00628691**  
The connection to the S/FTP server failed when using the Authentication API Key. This was fixed.
- **August 2019 Administration and Infrastructure SF: 00649740**  
The password reset letter was not sent to a user when the user had two identical email addresses. This was fixed.
- **August 2019 APIs SF: 00577276**  
When using the GET Items Per Bib API, the total number of items was incorrect when it was higher than 500. This was fixed.
- **August 2019 APIs SF: 00617248**  
When Create Bib API was sent with the validate=true parameter, the API failed if the Marc21BibFindMatchesValidationTask was defined. This was fixed.
- **August 2019 APIs SF: 00679615 00673130 00691267 00708257 00685119 00688923 00701118 00685378 00668621 00673559 00674875 00681436**  
Importing calendar hours removed the institution's standard operating hours. This was fixed.
- **August 2019 APIs SF: 00577276 00678599**  
The GET Items for Bib Record API only fetched the first 500 items. This was fixed.
- **August 2019 APIs SF: 00686186**  
The GET Item By Barcode API failed to find items in some cases. This was fixed.
- **August 2019 Fulfillment SF: 00133537 00466927 00651279 00659374 00083353 00675463 00158923 00656841 00099067 00179665 00505364 00674040 00689326 00449765 00446452 00225938 00400365 00625953 00133539**  
Searching for a hyphenated last name did not return any auto-complete results in the Manage Patron Services page. This was fixed.
- **August 2019 Administration and Infrastructure SF: 00486727 00600790**  
A user role exported to Excel from the User Details page did not include the **Active** column. This was fixed.
- **August 2019 Administration and Infrastructure SF: 00616658**  
In some cases, when running the Update/Notify User job on a logical set, the count and the affected users were different than as shown by the set results. This was fixed.
- **August 2019 Administration and Infrastructure 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.
- **August 2019 Resource Management SF: 00644701**  
Multi-matches were found when the incoming record had multiple ISBNs and the record in Alma also had multiple ISBNs, but there was only one record in Alma. This was fixed.

- **August 2019 Resource Management SF: 00682690 00662917**  
Not all occurrences of the **Alternative Call Number** label were changed to **Item Call Number** as previously announced. This was fixed.
- **August 2019 Resource Management SF: 00641959**  
In the Shelf report job, in some cases the match with a barcode was wrong. This was fixed.
- **August 2019 Resource Management SF: 00638002**  
When marking an item missing on the Pick from Shelf page and switching back and forth between other desks, a random item was also marked missing. This was fixed.
- **August 2019 Resource Management SF: 00633567**  
In the MD Editor, re-linking a holdings record did not get picked up when republishing and was not recorded in the history. This was fixed.
- **August 2019 Resource Management SF: 00686934 00678767 00657516 00706270 00652087 00696816 00650217 00663396 00690695 00708309 00649476 00649030 00666128 00668811 00680377 00652262 00702117 00696490 00699386 00655074 00650111 00650317 00689768 00663011 00673579 00701641 00655102 00691449 00679458 00649192 00655469 00694865 00654523 00691675 00693264 00654182 00662689 00649420 00680551 00648989 00701686**  
The SPRINGER Upload Electronic Holdings job was unable to download vendor files for institutions with reserved and special characters in their institution token. This was fixed. In addition, the job events report included unnecessary warnings. The warnings were refined so that they no longer appear when irrelevant.
- **August 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.
- **August 2019 Resource Management SF: 00614295**  
Portfolios of a non-activated services appeared in a Summon holdings file. This was fixed.
- **August 2019 Resource Management SF: 00702871 00674530**  
Selecting the **Republish Modes** radio button caused the publishing profiles list to reset the pagination and republish an unintended publishing profile. This was fixed.
- **August 2019 Administration and Infrastructure / Collaborative Networks SF: 00673824**  
When using a non-English UI to search records in the Network Zone, some information appeared in English. This was fixed.
- **August 2019 Administration and Infrastructure SF: 00566101 00516484 00566101**  
When changing from the simple search to the advanced search without executing any search and then changing back to a simple search that does not have an advanced option, the drop-down became stuck and could no longer be changed. This was fixed.
- **August 2019 Resource Management SF: 00576090**  
When creating an itemized set from an input file with the 035 Field header, records that contain the identifier from the file in field 773 \$w (related record) were erroneously added to the set. This was fixed, and now the identifiers from an input file whose header is 035 Field are now matched only against field 035\$a.
- **August 2019 Administration and Infrastructure SF: 00657475 00651212 00657610 00653610**  
The Add Members to Set job was slow. Its performance was improved.
- **August 2019 Resource Management SF: 00652582**  
When selecting Add All for an All Titles set, the itemized set did not work. This was fixed.
- **August 2019 APIs SF: 00651791**  
The DLF API response included a user that was missing a user identifier. This was fixed, and a user is no longer returned if it is missing a user identifier.
- **August 2019 Fulfillment SF: 00461263**  
In the new Primo UI, the Get it tab headers were not aligned in Internet Explorer. This was fixed.
- **August 2019 Fulfillment SF: 00635190**  
In some cases, when creating an item, the title level request was not recalculated. This was fixed.
- **August 2019 Fulfillment SF: 00666669**  
Two blocks set at the same time did not correctly accumulate the expiration dates (so that one begins after the other one ends). This was fixed.
- **August 2019 Fulfillment SF: 00656745 00498988 00662812 00532705**

After entering the Manage Patron Users page by selecting the user name and **Go**, the user was not added to the **Recents** list. This was fixed.

- **August 2019 Fulfillment SF: 00630200 00626522**  
When a circulation desk supported both digitization and other work order types, the In Process Items page sometimes did not display the button for switching from the digitization work order to the other work orders. This was fixed. In addition, the text on this button was unclear, so it was changed to **Other Departments**.
- **August 2019 Fulfillment SF: 00668414 00674807 00655906 00674815 00566005 00574878**  
When the overdue block due date was set to a date in the future when no calendar was defined for the library, then, when returning an overdue item, an error appeared and the action was blocked. This was fixed. Now, the overdue block due date is set to the latest date possible, which is the last day for which the library has an entry.
- **August 2019 Fulfillment SF: 00476132 00690750**  
On the Active Hold Shelf page for reading room desks, the **Edit**, **Update Expiry**, and **View Audit Trial** actions were removed.
- **August 2019 Fulfillment SF: 00661592 00622638**  
When an item was received in the Acquisition department, if the title had a patron type request, the item was not added to fulfill the request. This was fixed.
- **August 2019 Fulfillment - Resource Sharing SF: 00427359**  
Renewing a lending resource sharing request that was supplied to a partner using SLNP returned the message **Sent message successfully**, even though nothing was sent. This was fixed.
- **August 2019 Fulfillment - Resource Sharing SF: 00484094 00546158**  
When a barcode of a temporary resource sharing item was modified using the item editor page, the barcode was not updated in the borrowing request. This was fixed.
- **August 2019 Fulfillment - Resource Sharing SF: 00530505 00661485**  
In the Resource Sharing Receive Slip Letter, the **cost\_to\_patron** field was not populated as expected. This was fixed.
- **August 2019 Fulfillment - Resource Sharing SF: 00564633**  
The DOI/PMID augmentation of borrowing requests did not always add the publication date and ISSN to the request. This was fixed.
- **August 2019 Fulfillment - Resource Sharing SF: 00595320**  
When a borrowing request with a fulfillment network partner received a reject message from the partner, and no other partner existed in the rota, the borrowing request was rejected but a cancelation letter was not sent to the requester. This was fixed.
- **August 2019 Fulfillment - Resource Sharing SF: 00678812 00605162 00689998**  
When using the barcode scanner, some barcodes were attached to incorrect requests. Now a progress bar appears when the current scanning process needs to complete before the next scan can take place.
- **August 2019 Fulfillment - Resource Sharing SF: 00613922**  
In some cases, shipping items caused an error because the request was not found. This was fixed.
- **August 2019 Fulfillment - Resource Sharing SF: 00674721 00649059**  
The digital shipping request that was created automatically for lending requests did not have the note with the details from the lending request (title, pages, etc.). This was fixed.
- **August 2019 Fulfillment - Resource Sharing SF: 00642580 00643308**  
The cancelation reason for a borrowing request did not always appear in the Ful Cancel Request Letter. This was fixed.
- **August 2019 Fulfillment - Resource Sharing SF: 00678408**  
When creating borrowing requests for articles, if the title and journal title were the same, the title and publication date were deleted from the request. This was fixed.
- **August 2019 Fulfillment - Resource Sharing SF: 00686248**  
When a borrowing request was rejected because of a conditional message, a cancelation letter was not sent to the requester. This was fixed.
- **August 2019 Fulfillment - Resource Sharing SF: 00682706**  
The Send Overdue Message job incorrectly changed requests with **Lost** and **Lost and Fee Communicated** statuses. This was fixed.
- **August 2019 Fulfillment - Resource Sharing SF: 00488254 00639910**  
Borrowing requests in Hebrew had unrecognized characters when exported to ILLIAD. This was fixed.

- **August 2019 Analytics SF: 00675832**  
In Analytics, The 010 field could not be used for local param in bibliographic details. This was fixed.
- **August 2019 Resource Management SF: 00527082 00502554**  
When browsing bibliographic headings, selecting **Browse**, **Next**, or **Prev** did not reset the scroll bar. This was fixed.
- **August 2019 Resource Management SF: 00079706**  
For a MARC21 Bibliographic profile, the 983 field now includes all subfields (0-9 and a-z).
- **August 2019 Resource Management SF: 00530750 00526121 00662571**  
When creating a PO line, the holdings 852 field contained unordered subfields. This was fixed. The 852 subfields are now sorted in alphabetic order. If you want this alphabetic sort disabled, contact Support.
- **August 2019 Resource Management SF:**  
In the MD Editor, in the pop-up list for the 006 field, the list was not sorted. This was fixed, and the list also displays the code and value.
- **August 2019 Resource Management, Collaborative Networks SF: 00647043**  
In the MD Editor, subfield 6 for Network Zone records appeared as duplicated for certain fields. This was fixed.
- **August 2019 Resource Management SF: 00665809**  
Author number generation based on Lee Jai Chul did not map the term ??? correctly. This was fixed.
- **August 2019 Resource Management SF: 00673281**  
In the MD Editor, when adding a new 007 field to a MARC21 bibliographic record, a pop-up window appeared and the drop-down list in it was not translated to the UI language. This was fixed.
- **August 2019 Resource Management SF: 00612523**  
In the MD Editor, for a MARC 21 bibliographic field, when LDR pos. 6 = m (Computer File), the 008 pos. 23 drop-down menu was missing the values # and |. This was fixed.
- **August 2019 Resource Management SF: 00636754**  
In the MD Editor, when using F3 to find matching headings for field 730 with second indicator 2 and selecting any headings from bibliographic records, the following error message appeared: The authority record has no relevant preferred term. The bibliographic record was not updated. This was fixed and now the record is updated with the value from the selected heading.
- **August 2019 Resource Management SF: 00640476**  
In the MD Editor, **Browse Bibliographic Headings** opened the repository search with one of the filters preselected to the wrong condition. This was fixed.
- **August 2019 Resource Management SF: 00654399**  
There were some issues with the MARC21 authority profile. The following fixes were made according to the MARC standards: 1) In field 008, position 9, the value | was added. 2) In the LDR field, position 18, the field's description and values were updated. 3) In the LDR field, position 19 was added. These changes apply to customers that have not configured the LDR. For customers that have configured the LDR, another fix will be forthcoming.
- **August 2019 Resource Management SF: 00677882**  
Searching for all bibliographic records associated with an authority record did not retrieve the relevant records when the authority record included more than one 1XX field. This was fixed.
- **August 2019 Resource Management SF: 00628382**  
The preferred term correction job caused the link to the authority record to disappear when there was more than one 880 field linked to this authority. This was fixed.
- **August 2019 Administration and Infrastructure SF: 00632577**  
The number of records imported when using an Excel file was rounded down to a number divisible by 50. This was fixed.
- **August 2019 Resource Management SF: 00645408**  
In the MD Editor, when a user imported a record from an External Resource and copied the 001 field into a data field, if the system number was 8 characters or less, a carat (^) appeared in the new field after normalization. This was fixed.
- **August 2019 Resource Management SF: 00645476**  
For UNIMARC bibliographic records, the 325 field was missing subfields in the profile. This was fixed.
- **August 2019 Resource Management SF: 00699016**  
In the MD Editor, when pressing F3 from a 5XX field of a GND authority, if there was more than one subfield 4, selecting an authority record caused a duplication of the subfields. This was fixed.

- **August 2019 Administration and Infrastructure SF: 00530591 00532448 00531353 00531226 00531377 00530655 00531801 00531570 00539060 00531791 00531148 00627569 00530765 00531793 00530808 00530821 00531220 00570469 00531210 00531758 00531282 00530766 00530825 00661721 00531245 00538380**  
Some workflows resulted in a blank screen. Now an error screen appears with information about the error. You can close the screen and try again (if it was a connectivity issue) or try another action.
- **August 2019 Administration and Infrastructure SF: 00504818**  
When jumping to another repository search page by entering the page number while the page was scrolled down, the destination page was loaded scrolled down, instead of at the top of the page. This was fixed.
- **August 2019 Administration and Infrastructure SF: 00651962**  
When a location had an ampersand in the name, there was an issue with the location drop-down list. This was fixed.
- **August 2019 Resource Management SF: 00660404**  
In the MD Editor, diacritics did not appear properly for translations. This was fixed.
- **July 2019 Release Update Administration and Infrastructure SF: 00584633 00572017 00591390 00594557 00597003 00608642 00617914 00625556 00639102 00642305 00646217 00657748 00660465 00678126 00691657 00693799 00695119**  
A user could not find external users by searching for their email address. This was fixed.
- **July 2019 Release Update Resource Management / Collaborative Networks SF: 00585413 00574627**  
In the MD Editor, when selecting Merge Records and Combine Inventory, a user at a member institution could not merge and combine two Network Zone records that were NOT cached (linked) locally to this member institution. This was fixed.
- **July 2019 Release Update Fulfillment - Resource Sharing SF: 00666189 00673623 00674027 00674373 00674992 00675596 00678366 00678376 00678493 00679329 00679336 00679384 00679837**  
In some cases the Holdings ID was not sent to the lender, resulting in a lending request that was not located, even though more than one MMS matched the search. This was fixed.
- **July 2019 Release Update Fulfillment - Resource Sharing SF: 00670566 00671684**  
In some cases, sending a digital request to BLDSS failed. This was fixed.
- **July 2019 Release Update Fulfillment - Resource Sharing SF: 00702703**  
A locate profile could not connect to a partner to perform the locate, so the partner stayed in the rota and the request was sent to the first partner in the rota. This was fixed.
- **July 2019 Release Update Resource Management SF: 00701028**  
The incorrect material type was returned in some cases. This was fixed.
- **July 2019 Release Update Analytics SF: 00704425 00704433 00704470 00704992**  
There were errors in the Analytics reports since the July release. This was fixed.
- **July 2019 Release Update Administration and Infrastructure SF: 00704915**  
User names did not appear when the display name configurations were invalid. This was fixed, and user names will appear in these cases. Note that if all parameters in the configuration are invalid, nothing will appear.
- **July 2019 Release Update Administration and Infrastructure SF: 00704551 00704691 00705046 00705253**  
The export users jobs (and the GET user API) failed for users with blocks that did not have a create date. This was fixed.
- **July 2019 Release Update Fulfillment - Resource Sharing SF: 00705219 00705233 00705605**  
A resource sharing requests for a digital resource sent a cancellation letter to the requester. This was fixed and the letter is no longer sent.
- **July 2019 Analytics SF: 00620126 00622079 00622268 00626477 00646510 00634238 00616394 00613713 00648733 00617391 00627647**  
Creating a report from an Analytics set did not work properly. This was fixed.
- **July 2019 Analytics SF: 00616356**  
In Analytics, in the User subject area, in the Note folder, User Viewable did not contain the correct value. This was fixed.
- **July 2019 Analytics SF: 00616329**  
In Analytics, in the E-Inventory subject area, in the Portfolio folder, Is Free did not have the correct value. This was fixed.
- **July 2019 Analytics SF: 00206593 00659631**

In Analytics, data was not returned for roles in the Events subject area. This was fixed.

- **July 2019 Acquisitions SF: 00630648**  
When editing import profiles, on the mapping tab, the vendor mapping listed only the first 20 vendor accounts. This was fixed.
- **July 2019 Acquisitions SF: 00649294 00683669**  
Trying to save a continuous PO line that did not have a payment acquisition method and was in status Waiting for Manual Renewal resulted in an error. This was fixed.
- **July 2019 Acquisitions SF: 00657913**  
When receiving new material, the sort order was incorrect. This was fixed.
- **July 2019 Acquisitions SF: 00651289**  
When sending the Query to requester letter the email address of the first letter was reused when sending the second and subsequent queries to requester for different records when managing purchase requests. This was fixed.
- **July 2019 Acquisitions SF: 00503678 00635723 00621431 00625170**  
The interested In letter was sent twice: once when activating a resource using the Update Inventory import profile and again after selecting Done in the resource activation task list. This was fixed, and now the letter is sent only once.
- **July 2019 Acquisitions SF: 00452820**  
The History tab for PO lines presented a Has New Contents icon even when there were no contents. This was fixed.
- **July 2019 Acquisitions SF: 00636958**  
On the Process Items page, selecting all items did not affect all pages, and checked items did not remain checked when navigating to the next page. This was fixed.
- **July 2019 Acquisitions SF: 00190116 00659854**  
The Additional Information column for Invoice Line Details was empty when exported to Excel. This was fixed.
- **July 2019 Acquisitions SF: 00582217**  
Invoice approval rules with multiple values in any input parameter did not work. This was fixed.
- **July 2019 Acquisitions SF: 00658196**  
When deleting a vendor that is also a licensor, the vendor code remained in the license list for the related licenses. This was fixed.
- **July 2019 Acquisitions SF: 00239174 00513965**  
When receiving items, the filter on the Manage Items page only contained options that corresponded to items currently visible on the page, not all options. This was fixed.
- **July 2019 Acquisitions SF: 00663075 00664985 00671490**  
When releasing a record from In Process Items, the notification listed the title of the first record on the list, not the records that were released. This was fixed.
- **July 2019 Acquisitions SF: 00618218**  
When receiving items on the receiving page the Barcode generation skipped every second number in the sequence. This was fixed.
- **July 2019 Acquisitions SF: 00623683**  
When changing the fund of a PO line that had an expenditure and a disencumbrance, a redundant disencumbrance was created. This was fixed.
- **July 2019 Acquisitions SF: 00612503 00661393 00618926 00203940 00694448**  
Vendors whose names include diacritic marks do not appear in the search results. This was fixed.
- **July 2019 Acquisitions SF: 00475077**  
Harvesting from a SUSHI vendor was not supported when the requester was null (or only whitespaces). This was fixed.
- **July 2019 Acquisitions SF: 00657631 00632355 00648850 00638948 00641444 00621094**  
SUSHI harvesting for MR1 did not work. This was fixed.
- **July 2019 APIs SF: 00598680**  
The Social Login invite letter was sent with a wrong URL when produced using the Create User API. This was fixed.
- **July 2019 APIs SF: 00671732**  
Requests to BLDSS with unusual characters failed. This was fixed.
- **July 2019 Fulfillment SF: 00539446**  
Notes containing special characters did not appear in the Patron Services page. This was fixed.

- **July 2019 Fulfillment SF: 00487912 00650276**  
On the Manage Patron Services page, when selecting Submit Request, then selecting Enter without entering anything, and then selecting a recent title, the relevant buttons did not appear. This was fixed.
- **July 2019 Fulfillment SF: 00570649 00573212 00223926 00043789**  
The Payment Reference Number link for Fine/Fees Receipt sometimes displayed the wrong user's payment information. This was fixed.
- **July 2019 Administration and Infrastructure SF: 00606663 00549489**  
The Purge Users job changed the Expiry Date of the users to the job run date if the Expiry Date had passed. This was fixed.
- **July 2019 Administration and Infrastructure / Fulfillment SF: 00640979**  
You could not add the Fulfillment Services Operator role using the Update/Notify Users job. This was fixed.
- **July 2019 Administration and Infrastructure SF: 00693056**  
Since the June 2019 release, when selecting Add from Profiles from a user's record, the Role filter was not sticky during a session. This was fixed.
- **July 2019 Administration and Infrastructure SF: 00572515 00647801**  
On the Address Details page of a user, the Address Line 1 was always mandatory even when it was not configured. This was fixed.
- **July 2019 Administration and Infrastructure SF: 00592330**  
You could delete users who had fines of less than 1.00 without any warning. Now a warning appear asking if you want to delete the users (and waive the fines).
- **July 2019 Administration and Infrastructure SF: 00684633 00632345**  
On Manage Patron Services page, system users appeared in the auto-complete search incorrectly. This was fixed.
- **July 2019 Administration and Infrastructure SF: 00578865 00698901 00693010**  
User records sometimes loaded slowly. The response time was increased.
- **July 2019 Administration and Infrastructure SF: 00597003 00584633 00695119 00678126 00691657 00572017 00594557 00608642 00625556 00646217 00693799 00660465 00591390 00657748 00617914 00639102 00642305**  
You could not find External Users by searching for their email address. This was fixed.
- **July 2019 Collaborative Networks SF: 00639665 00558465 00544774**  
Community Zone resources activated in a member institution were not reflected in the Network Zone. This was fixed.
- **July 2019 Resource Management SF: 00659503**  
A shelf report from a set that included diacritics in the title resulted in an error. This was fixed.
- **July 2019 Resource Management SF: 00626645**  
Changing your library location after withdrawing an item automatically withdrew another item from the same holdings. This was fixed.
- **July 2019 Resource Management SF: 00643910 00646774 00671378 00659461 00644849 00636816 00671378 00659461**  
In rare cases, it was possible to delete items that were loaned. This was fixed.
- **July 2019 Resource Management SF: 00648081**  
On the Network tab of the List of Reminders, only the institution name filter worked. All filters now work.
- **July 2019 Resource Management SF: 00648244**  
Some items that were deleted still had the status Loan. This was fixed.
- **July 2019 Resource Management SF: 00634002 00695907**  
Sometimes an All Titles search for a bibliographic record with a relation failed with an internal error. This was fixed.
- **July 2019 Resource Management SF: 00649800**  
Alt-S did not select the Save button on the Physical Item Editor page in all tabs. This was fixed.
- **July 2019 Resource Management SF: 00671306 00570580 00630691 00608246**  
Holdings and items records did not fully load for bibliographic records with special characters in the 010 field. This was fixed.
- **July 2019 Resource Management SF: 00562675 00649076**  
A user with the Electronic Inventory Operator role (and not Electronic Inventory Operator Extended) could delete an electronic collection. This was fixed.
- **July 2019 Resource Management SF: 00500875**

Searching for publishing profiles was case-sensitive. It is now case-insensitive.

- **July 2019 Resource Management SF: 00644997 00656861**  
For a UNIMARC record, 011\$\$a and \$\$f did not appear properly and was not published as expected to Google Scholar and Primo Central. This was fixed, and now both subfields appear correctly. This fix will appear after the full re-indexing.
- **July 2019 Resource Management SF: 00642533 00659833 00642374 00666727 00669411**  
The Network Publishing job failed in some cases starting with the March release. This was fixed.
- **July 2019 Resource Management SF: 00689279 00687735**  
When using Publishing to Primo with heading enrichment, if the authority heading included subfield zero the subfield was removed. This was fixed.
- **July 2019 Resource Management SF: 00624485**  
The unique titles report in Overlap and Collection Analysis was sometimes missing titles that should have been included. This was fixed.
- **July 2019 Resource Management SF: 00603450**  
The Withdraw Item job did not update the status of the item. This was fixed.
- **July 2019 Administration and Infrastructure SF: 00663795**  
Some searches took a long time. This was fixed.
- **July 2019 Resource Management SF: 00550280**  
Subfield \$9 of local fields (9XX) was not searchable. This was fixed. This fix will appear after the full re-indexing.
- **July 2019 Resource Management SF: 00529724 00614541 00482361**  
In CNMARC records, The order of the field 200 subfields was incorrect in the search results. This was fixed, and now this field is created according to the original cataloging order of the subfields with the appropriate punctuation is added between the subfields. This fix will appear after the full re-indexing.
- **July 2019 Resource Management SF: 00622193**  
Restoring the search Index government\_document\_number did not restore the out-of-the-box value. This was fixed.
- **July 2019 Resource Management SF: 00543414**  
When headings were created from MARC 21 bibliographic fields 222 (Key Title) and 242 (Translation of Title by Cataloging Agency), the non-filing text was not removed (as was done for the main title field, 245), which prevented it from being found when browsing bibliographic headings. This was fixed. Now, for example, if you a record has 222#4 \$a The American Society, this record appears for Title when browsing by American Society. This fix will appear after the full re-indexing.
- **July 2019 Fulfillment SF: 00474157**  
Holdings availability for Primo was slow when there were many holdings. The performance was improved.
- **July 2019 Fulfillment / Collaborative Networks SF: 00573219 00671530**  
The local fines and fees of a linked account users in a Fulfillment Network would sometimes disappear. This was fixed.
- **July 2019 Fulfillment SF: 00507714 00595295**  
The user information pop-up window in the borrowing request page did not display the user details as configured in the Contact Information Popup mapping table. This was fixed.
- **July 2019 Fulfillment SF: 00637649**  
If a work order request destination was a circulation desk, Alma incorrectly required it to have a hold shelf. This was fixed.
- **July 2019 Fulfillment SF: 00474310 00474157**  
The Primo Get-It pane loading time was slow during authentication. The loading time was improved and additional improvements are being worked on.
- **July 2019 Fulfillment SF: 00617285 00659303 00646533**  
Editing an item in the Item Editor page sometimes failed with an Updating DNX Failed error. This was fixed.
- **July 2019 Fulfillment SF: 00430029 00498775 00660096 00633649 00446671**  
On the Manage In Process Items page, the All option was not always first in the filters. This was fixed.
- **July 2019 Fulfillment / Collaborative Networks SF: 00666269**  
When adding or editing a Fulfillment Unit rule with the parameter Location, the drop-down list sometimes showed the locations for the wrong Fulfillment Unit. This was fixed.
- **July 2019 Fulfillment SF: 00657607 00621162**

BCC and CC were not working for Fulfillment letters. This was fixed.

- **July 2019 Fulfillment SF: 00624238**  
When calculating the due date of loans for resource sharing borrowed items, after taking the delivery delay into consideration the due date was sometimes in the past. This was fixed and now the due date is never earlier than the current time.
- **July 2019 Fulfillment SF: 00656410 00662870 00663990 00671515 00652601**  
When close\_paid\_lost\_loan was set to true, it was impossible to return an item in Lost and Paid status after the Anonymization job ran. This was fixed.
- **July 2019 Fulfillment SF: 00666412 00536537**  
When a title level request was fulfilled without an item ID associated with the request before being fulfilled (in other words, the item was never put on the hold shelf, or moved or sent in any way before being checked out), the item ID did not appear in the request history. This was fixed.
- **July 2019 Fulfillment SF: 00655489**  
On the Monitor Requests page, when a request was not yet activated, the material type in the facet was Undefined. This was fixed and the correct material type now appears.
- **July 2019 Fulfillment SF: 00656622**  
A non-preferred remote storage item was given preference over a local item. This was fixed. And now a non-preferred remote storage location is given the lowest priority for selection, even if it is in the same library as the pickup location.
- **July 2019 Fulfillment SF: 00666140**  
When searching for requests by patron identifiers, barcode was not matched when searching All. This was fixed.
- **July 2019 Fulfillment SF: 00549949**  
When creating a booking request, if the selected start time was equal to the library's opening time or the selected end time was equal to the library's closing time, the selected time was automatically changed to the previous or next open time. This was fixed.
- **July 2019 Fulfillment - Resource Sharing SF: 00430105**  
On the Patron Services page, in the Returns tab, in the Owned By Library column, the library was wrong for items that were already returned to the partner. This was fixed.
- **July 2019 Fulfillment - Resource Sharing SF: 00647864**  
When creating a borrowing request owned by an itemless library, if the request was in a digital format and a copyright status was selected an error occurred. This was fixed.
- **July 2019 Fulfillment - Resource Sharing SF: 00531849 00531877**  
The note included with a lending request that was shipped digitally was missing some request information. This was fixed, and the note now includes, the chapter title for book format and the journal title for article format.
- **July 2019 Resource Management SF: 00521032 00525192 00530594 00552218 00610378 00654826 00629308 00557591 00643870 00610510 00559313 00597257 00649215 00575481 00621583 00574800 00635159 00570398 00581054 00617006 00573527 00521788**  
Invalid characters in the XML file caused errors when when creating MARC records. This was fixed and now the invalid characters are removed.
- **July 2019 Resource Management SF: 00669550 00643446**  
When a user edited a holdings record, selected Expand from Template, and selected a template that is a prediction pattern (such as Serial prediction quarterly months), subfield 8 was always 0 but should have been 1. This was fixed.
- **July 2019 Resource Management SF: 00633134**  
In the MD Editor, MARC 21 field 775 (Other Edition Entry) subfields x and z were not indexed in ISSN and ISBN, respectively. In addition, subfields u, x, y, and z were not indexed under Standard Number. This was fixed. This fix will appear after the full re-indexing.
- **July 2019 Resource Management SF: 00632691 00477263**  
When using F3 to correct a MARC21 bibliographic field from an authority record. 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 is not multilingual. This was fixed.
- **July 2019 Resource Management SF: 00574305 00394242 00574305**  
The Suppress from Discovery checkbox in the Metadata Editor was selected even when the record was not suppressed. This was fixed.
- **July 2019 Resource Management SF: 00634794 00669321 00572816**

In the MD Editor, when browsing a UNIMARC heading for a field 225 that contained angle brackets, the text in double angle brackets did not appear. This was fixed.

- **July 2019 Resource Management SF: 00688297 00624748 00693999 00688669 00680714 00688344 00641234**  
Community Zone normalization rules were not accessible in a non-English UI. This was fixed.
- **July 2019 Resource Management SF: 00658381 00633122**  
In the MD Editor, when editing a record using Browse Bibliographic Headings, the navigation pane did not display the record. This was fixed, and now Alma refreshes the pane and adds the edited record to the list.
- **July 2019 Resource Management SF: 00387371 00689391 00450507 00517286 00639019**  
When enabled by Ex Libris, for Browse Shelf Listing > call number sorting, the normalized call number, used for sorting, is now created from the 852 holdings field in the order k, h, i, j, l, m instead of h, i, j, k, l, m (that is, subfield \$k – call number prefix – is first). This change will be applied to all customers who don't request otherwise in the July re-indexing.
- **July 2019 Resource Management / Analytics SF: 00577682**  
Analytics sometimes removed leading 0s for Network Number, which resulted in display and duplication problems. This was fixed.
- **July 2019 Resource Management**  
In the MD Editor, selecting F3 for field 500 included authority records with 075 \$\$b.n (NAMES), which was incorrect. This was fixed.
- **July 2019 Resource Management SF: 00630562**  
When importing UNIMARC bibliographic records using the ISSN match method (exact subfield match), records that had position 6 of the LDR as I - Electronic Resources and position 7 as s - Serial were not matched correctly by the ISSN. This was fixed.
- **July 2019 Resource Management**  
When importing a single record from a file and a match was found, and the profile was configured not to import when a match was found, the resulting message was unclear. This was fixed.
- **July 2019 Resource Management SF: 00625571 00635797**  
When importing records, in the Events report the following message sometimes appeared: Cannot retrieve data for XXX. This message is a transient, internal message, and so is not useful and no longer appears. Instead, more relevant messages appear (when relevant).
- **July 2019 Resource Management / Collaborative Networks SF: 00520109**  
When working with a Network Zone, when importing a new record with Use NZ, the central control number was correct but the local counter increased and was searchable. This was fixed.
- **July 2019 Resource Management SF: 00642889**  
In UNIMARC records, 423 field subfield 1 starting by 001 did not link to the system control number. This was fixed.
- **July 2019 Resource Management**  
Contributing Marca records failed because the TIPO authority element in 810 was AU instead of RE. Also, the Citazione field should have been taken from the \$9 subfield. These issues were fixed.
- **July 2019 Fulfillment SF: 00483394 00509600**  
There was a display issue with the autocomplete options on the Patron Identification page. This was fixed.
- **July 2019 Fulfillment / Administration and Infrastructure SF: 00622216 00623763 00607786 00657219 00658387 00654426 00624457 00630642 00650865 00622715 00621943 00639015**  
In some cases, Alma performed slowly and displayed a blank screen, especially for fulfillment activities. We took several steps to address this (without being able to identify the root cause: 1) These activities now display an error message with information about the event. 2) You can continue with your flow in the meantime.
- **July 2019 Acquisitions SF: 00619804**  
When using split\_values\_in\_display\_license, the license label and content were split into two different labels but had the same name, so they could not be configured separately. This was fixed, and now the first tag is firstRow and the second tag is secondRow.
- **July 2019 Resource Management / Administration and Infrastructure SF: 00665931**  
An HTTP Error 404 was received in several instances, such as the Manage Vendor page, when looking up an electronic collection by title, or managing student users. This was fixed.
- **July 2019 Administration and Infrastructure SF: 00656217 00668227 00648393 00697253 00655322**  
The Exlibris footer sometimes appeared in the middle of the page. This was fixed.

- **July 2019 Resource Management / Collaborative Networks SF: 00574627 00585413**  
In the MD Editor, when selecting Merge Records and Combine Inventory, a user at a member institution could not merge and combine two Network Zone records that were NOT cached (linked) locally to this member institution. This was fixed.
- **July 2019 Administration and Infrastructure SF: 00652302 00690656**  
A letter's Content text area did not resize when configuring the UI font size to be small. This was fixed.
- **July 2019 Administration and Infrastructure SF: 00634501 00690185**  
In the Summary section of the Physical Item Editor, Process type was not translated. This was fixed.
- **July 2019 Resource Management SF: 00435157**  
Australia noted slow upload times in production. This was fixed.
- **July 2019 Administration and Infrastructure**  
On the Manage Recommendations page, if you dismiss an item without selecting a reason, the reason appeared as null. This was fixed.
- **July 2019 DARA SF: 00660791**  
In DARA, SUSHI recommendations were generated when the existing SUSHI account already existed. This was fixed.
- **June 2019 Release Update Resource Management / Collaborative Networks SF: 00547647 00639814 00646859 00650119 00651681 00659886 00663934 00665221 00665299 00676221**  
In collaborative networks and in multi-campus environments, full text service was set to Inactive even when the portfolios existed in the holdings file for Primo Central and Google Scholar. This was fixed.
- **June 2019 Release Update Resource Management / Collaborative Networks SF: 00642533 00670765 00673562 00680782 00691083**  
A few issues have been detected while the Publish bibliographic records from Network Zone to Primo job ran. These were fixed.
- **June 2019 Release Update Fulfillment SF: 00692596**  
Since the June release, when loaning or returning items at the circulation desk with the optical reader device, you had to select OK for the loan or return to execute. This was fixed.
- **June 2019 Release Update Resource Management SF: 00692856 00692871 00692929 00692943**  
Generating an accession number resulted in an error message if one of the cells did not have a prefix. This was fixed.
- **June 2019 Release Update Resource Management SF: 00692959 00693018**  
Since the June release, when an item had process type Missing, the field Toggle Missing Status did not appear when the UI was set to a language other than English. This was fixed.
- **June 2019 Acquisitions SF: 00615961 00630152 00604191 00617370 00599151**  
If pol\_handle\_childless\_bib was enabled, then when canceling a PO line the records was suppressed even if there were other item/s and/or holding/s linked to that record. This was fixed.
- **June 2019 Acquisitions SF: 00568733**  
When creating an invoice from a PO, an error message sometimes appeared. This was fixed.
- **June 2019 Acquisitions SF: 00577717**  
When creating an invoice from a PO, the prepaid amount currency was not taken from the PO by default. This was fixed.
- **June 2019 Acquisitions SF: 00595595**  
The pagination of the History of Resources list in the Inventory tab when editing a resource did not work. This was fixed.
- **June 2019 Acquisitions SF: 00636465**  
The message Preferred email is missing, no mail will be sent was misspelled. This was fixed.
- **June 2019 Acquisitions SF: 00613115**  
An electronic collection URL is limited to 255 characters. It was changed to 1,000 characters.
- **June 2019 Acquisitions SF: 00608069**  
The funding percent rounded to 0.0% after entering a list price value of 0.01 when creating a PO line from a template that already included a fund. This was fixed.
- **June 2019 Acquisitions SF: 00636390 00651410**  
When rolling over ledgers, transaction amounts were not saved. This was fixed.

- **June 2019 Acquisitions SF: 00602234**  
There were encumbrance transactions that were not associated to PO lines. This was fixed by deleting them.
- **June 2019 Acquisitions SF: 00446508 00594825 00633105**  
Selecting Delete for the Rollover Ledgers job crashed the page when there were more than twenty job reports on the page. This was fixed.
- **June 2019 Acquisitions SF: 00628691**  
The connection to the S/FTP server failed when using the Authentication API Key. This was fixed.
- **June 2019 Acquisitions SF: 00573405 00639282 00632986**  
Prediction patterns with combined issues did not work as expected if the combined enumeration level had 3 or more digits. This was fixed.
- **June 2019 Administration and Infrastructure SF: 00524752 00404030 00483197 00628024**  
The Name search on the Profiles List page did not work as expected. This was fixed.
- **June 2019 Administration and Infrastructure SF: 00464630 00408671 00582343**  
After a user was changed from external to internal using the Update/Notify Users job, the user's identifiers could not be edited or deleted. This was fixed.
- **June 2019 Administration and Infrastructure SF: 00546592**  
The Digital Inventory Operator role was not available to select for the Update/Notify Users job. This was fixed.
- **June 2019 Administration and Infrastructure SF: 00567348 00610008 00615348 00650030**  
Several lists and text strings were not translated in the User Details and Patron Services pages. These were fixed.
- **June 2019 Administration and Infrastructure SF: 00511262 00519952 00571274 00525677**  
The search field drop-down in the persistent search had some usability issues. The following changes were made. 1) The contents of the box are now pre-selected when the field is given focus. 2) The field appears with a slightly larger border when in focus. 3) You cannot drag and drop text from the search term field.
- **June 2019 Administration and Infrastructure SF: 00658965**  
When searching in Alma, locally defined index labels in the simple search were not translated. This was fixed.
- **June 2019 Administration and Infrastructure SF: 00481172**  
You could not export the list on the Resource Request Monitoring page to Excel when using the Microsoft Edge browser. This was fixed.
- **June 2019 Administration and Infrastructure SF: 00563469 00539591**  
The persistent search bar appeared but was not functional until all of the home page's widgets were loaded, which sometimes took a while. The search bar is now functional without waiting for the widgets to load.
- **June 2019 Administration and Infrastructure SF: 00601315**  
Padding was displayed within a word when performing a search that included a stop word. This was fixed.
- **June 2019 Administration and Infrastructure SF: 00588714**  
The date range calendar did not appear correctly in the Chinese UI. This was fixed.
- **June 2019 Administration and Infrastructure SF: 00612882**  
Search result highlighting was obscuring some of the text around the highlighting. This was fixed.
- **June 2019 Administration and Infrastructure SF: 00210323 00210326 00568180 00483886 00171118 00365765 00521879 00656895**

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#### Note

A regression issue was found with the following bug fix. It was reverted.

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- The labels List of Items and Process Type in the List of Items screen were not translatable. This was fixed.
  - **June 2019 Administration and Infrastructure SF: 00634501**  
In the Approval Requests List, The contents of the Digitization Type and Warning columns were not translated. This was fixed.
  - **June 2019 Analytics SF: 00624998 00525448**  
If two or more COUNTER reports had the same identifier for different titles, then only one of those titles appeared in

- Alma Analytics Usage Data for that identifier. This was fixed.
- **June 2019 Analytics SF: 00612889**  
The Titles subject area did not included holdings that did not have active physical items. This was fixed.
  - **June 2019 Analytics SF: 00636846**  
In Analytics, a View Display Error occurred when creating a MAX(RCOUNT(1)) column. This was fixed.
  - **June 2019 APIs**  
The Create-Vendor API didn't validate that the EDI code has not been used in the Vendor for this organization unit. It will now validate and return an error in case of a duplicate.
  - **June 2019 APIs SF: 00626639**  
For the GET Item API, inventory\_number and inventory\_price did not return if they had no value. This was fixed, and now they return as empty fields.
  - **June 2019 APIs SF: 00649918**  
The users API was not able to retrieve users by their email-address when the user record's email was in capital letters. This was fixed.
  - **June 2019 Fulfillment**  
Sometimes when paying a fine the currency appeared as null. This was fixed.
  - **June 2019 Fulfillment SF: 00613660 00672831 00530524 00624409 00602267 00648069 00546090 00553349**  
Sometimes a duplicate loan to the same patron appeared. This was fixed
  - **June 2019 Fulfillment SF: 00579745**  
When an item was in a digitization process, it was possible to loan the item to a patron without a block message. This was fixed. Now an Item is Requested block appears.
  - **June 2019 Fulfillment SF: 00651785**  
The SIP2 patron information message did not work when the patron fine limits (Max Cash) included a comma. This was fixed.
  - **June 2019 Fulfillment SF: 00525426**  
In Managing Patron Services, after an item from another institution was scanned, the barcode was not cleared from the text box. This was fixed.
  - **June 2019 Fulfillment SF: 00583569 00634938 00584119 00628711 00618246 00544903 00631207**  
If the auto-renew job encountered a conflict due to a loan being concurrently modified by a different process (for example, a patron renewed a loan manually through Primo at the exact same time that the auto renew job tried to renew the loan), this sometimes caused the job to fail. This was fixed.
  - **June 2019 Fulfillment SF: 00632290**  
Selecting Toggle Missing Status for a physical item did not trigger a recalculation of the fulfillment request. This was fixed.
  - **June 2019 Fulfillment - Resource Sharing SF: 00529918 00551194**  
When updating a borrowing request and changing its title, the title of the fulfillment request attached to the borrowing request was not updated. This was fixed.
  - **June 2019 Fulfillment - Resource Sharing SF: 00544465**  
The Owner drop-down list in the lending request form listed libraries that were not resource sharing libraries. This was fixed.
  - **June 2019 Fulfillment - Resource Sharing SF: 00625289**  
In some cases event names received from BL appeared multiple times in the facet list. This was fixed.
  - **June 2019 Resource Management SF: 00639250**  
In the Physical information tab of search results, in some cases the Items and Holdings links did not appear. This was fixed.
  - **June 2019 Resource Management SF: 00572090**  
Item availability appeared incorrectly when chronology I was enclosed in brackets ([ ]) or in parentheses, for example, [year] or (year). This was fixed.
  - **June 2019 Resource Management**  
When removing the material type from a PO line, the material type of the item reverted to the default value instead of staying empty. This was fixed.
  - **June 2019 Resource Management**

When running the Withdraw Items job with Suppress holdings, suppress bib that has no other holdings from publishing enabled, a bibliographic record that had non-suppressed holdings was mistakenly suppressed. This was fixed.

- **June 2019 Resource Management SF: 00160682 00239387 00562675 00649076**  
A user with the Electronic Inventory Operator role could delete portfolios, but should not have been able to. This was fixed, and now the Electronic Inventory Operator Extended role is required, as expected.
- **June 2019 Resource Management SF: 00644604 00626796 00600825**  
A Community Zone portfolio linked to a local bibliographic record displayed the Network Zone icon instead of the Community Zone. This was fixed.
- **June 2019 Resource Management SF: 00642558**  
The Report to Ex Libris button did not work from the list of portfolios in the Electronic Collection Editor. This was fixed.
- **June 2019 Resource Management SF: 00648026**  
There was an error when trying to link an electronic collection with a long name to the Community Zone. This was fixed.
- **June 2019 Resource Management SF: 00485602 00543059 00640847**  
In Primo publishing, in some cases, the PLK fields were not published due to technical issue. This was fixed.
- **June 2019 Resource Management SF: 00646508**  
Alma has improved the reliability of publishing large files using FTP in the general publishing profile.
- **June 2019 Resource Management SF: 00682648**  
When an FTP publishing profile was configured to Include all records each time file is published, the job ran in incremental mode but the published file included all the records. In this case, the report was confusing, because it mentioned how many records were handled by the job, but not how many records were published to the FTP file. A new counter was added to the report to indicate how many records were published to the file.
- **June 2019 Resource Management SF: 00631100**  
The Save and Re-index job unexpectedly changed the timestamp in the MARC 005 field. This was fixed.
- **June 2019 Resource Management SF: 00575433**  
In the MD Editor, when using F3 and selecting the Headings from bibliographic records tab, the results were not displayed correctly for series fields 800, 810, and 811. The headings that appeared came from other fields (for example, 700). This was fixed.
- **June 2019 Resource Management SF: 00576444**  
When the parameter handle\_773\_8\_relation\_as\_relation was set to true, not all expected relations were created. This was fixed.
- **June 2019 Resource Management SF: 00644316**  
The Delete Bibliographic Records job caused sporadic errors. This was fixed, although note that the average duration of the job is now longer.
- **June 2019 Resource Management SF: 00501388 00387797 00572108 00435632**  
In the MD Editor, when selecting Generate Accession Number, the list of prefixes is not in alphabetic order. This was fixed.
- **June 2019 Resource Management SF: 00574722**  
Subfield 3 was added to the 250 field in the MARC 21 Bibliographic metadata configuration profile.
- **June 2019 Resource Management SF: 00585578**  
The MD Editor did not recognize subfield u in the MARC 21 field 561. This was fixed.
- **June 2019 Resource Management SF: 00578170**  
Subfield p was added to the 542 field in the MARC 21 Bibliographic metadata configuration profile.
- **June 2019 Resource Management SF: 00573843**  
For the 100, 400, 500, and 700 fields, the incorrect first indicator value of 2 was replaced with the correct value of 3 in the MARC 21 Authority metadata configuration profile.
- **June 2019 Resource Management SF: 00637653**  
In the MD Editor, in the Sort Subfield Task, saving a bibliographic normalization corrupted the heading and the link to the authority was lost. This was fixed.
- **June 2019 Resource Management SF: 00653150 00520308**  
A bibliographic heading that linked to the preferred term was not updated when correcting the punctuation (since this runs the Authorities - preferred term correction job). This was fixed, and now the same job makes corrections even if

the heading is linked to the preferred authority heading. Please note that the job runtime is expected to be increased.

- **June 2019 Resource Management SF: 00520308**  
When correcting bibliographic headings from authority records, when the authority headings contained a period as a part of the heading (for example in a person's initials), an additional (duplicate) period was added. This was fixed.
- **June 2019 Resource Management SF: 00620242**  
In the MD Editor, the # sign was missing for positions 8 and 17 in LDR CNMARC. This was added.
- **June 2019 Resource Management**  
In the list report types for the Authority Control Task List, the content of subfield 6 no longer appears in the BIB Heading Before and BIB Heading After columns for the Preferred Term Correction - BIB heading updated report type.
- **June 2019 Resource Management SF: 00629897 00667186 00504073 00500239 00602332**  
An error was reported for a specific case when running the Update Inventory import profile. It was fixed.
- **June 2019 Resource Management SF: 00568222**  
The MARC 21 field 084 did not support subfield q. This was fixed.
- **June 2019 Resource Management SF: 00628224**  
MARC field 384 was incorrectly non-repeatable. This was fixed.
- **June 2019 Resource Management / Collaborative Networks SF: 00655474 00640249 00657521**  
For member institutions implementing a Network Zone, local fields added to a network bibliographic record were reflected mistakenly in Analytics with the prefix Local. This was fixed. The fix will be fully deployed for corrupted fields during the semi-annual indexing planned for July.
- **June 2019 Resource Management / Collaborative Networks SF: 00648287**  
In the MD Editor, copying a Network Zone record to the local catalog sometimes took a long time, and no feedback was provided during the process. This was fixed.
- **June 2019 Resource Management SF: 00547647 00639814 00646859 00650119 00651681 00659886 00663934 00665221 00665299 00676221**  
In collaborative networks and in multi-campus environments, the full-text service was set to Inactive even when the portfolios existed in the holdings file for Primo Central and Google Scholar. This was fixed.
- **June 2019 DARA**  
Recommendations did not appear in the Tasks List to some users due to privilege issues. This was fixed.
- **May 2019 Fulfillment - Course Reserves SF: 00563441**  
(URM-92703) For non-Leganto customers, the Edit Reading List page was not paginated and was slow to load. This was fixed.
- **April 2019 Release Update Fulfillment - Resource Sharing SF: 00659975 00665080**  
The BLDSS update job sometimes failed due to technical issues. This was fixed.
- **April 2019 Release Update Resource Management SF: 00420703**  
In the MD Editor, suggestions with umlauts for 260\$a / 264\$a are not sorted correctly. This was fixed. Now, when a letter with an accent (umlaut) is entered, the suggestions that appear are values that contain the accent. If this behavior is not already enabled for your institution, contact Ex Libris support to enable it.
- **April 2019 Release Update Resource Management SF: 00672643 00672657 00672659 00672662 00672665**  
When editing a bibliographic record in the MD Editor, multiple 880 linking fields were created. This was fixed.
- **April 2019 Release Update Resource Management SF: 00672712**  
Since the April 2019 release, when publishing to Primo, fields 100 and 600 headings enrichment was wrong: \$LY appeared instead of \$9Y, and field 100 was sometimes wrongly enriched with second indicator 7. This was fixed.
- **April 2019 Release Update Analytics SF: 00672623 00672950 00672985 00673076 00673904**  
In Alma Analytics, reports failed when using the Modified By field of bibliographic details. This was fixed.
- **April 2019 Release Update Resource Management SF: 00672928**  
When updating an item that contain an RFID, the message was incorrect. This was fixed.
- **April 2019 Release Update Fulfillment SF: 00673231 00673638**  
Placing an item in a work order using the Scan in Items page (by selecting Work Order from the row actions list after scanning in an item) failed. This was fixed.
- **April 2019 APIs SF: 00528327**  
In the Update Bibliographic Records API, the override\_lock=false parameter did not work. This was fixed.

- **April 2019 Resource Management**  
Titles now appear instead of IDs in feedback messages like the ones you receive when you update an item record and save it.
- **April 2019 APIs / Collaborative Networks SF: 00585377**  
When using an API to create or update records in the Network Zone, local fields are no longer added to the record. Local fields are removed before the record is saved.
- **April 2019 Resource Management SF: 00227289 00402710**  
Linking no longer breaks when you use F3 and select and save an authority record for records that previously had fields that were unable to link to an authority record because of a multimatch (where multiple authority records match on the preferred term without subdivision and the field has subdivision subfields).
- **April 2019 Resource Management SF: 00197425 00202639**  
When using Scan in Items to change a permanent location for a holdings with one remaining item, the Alma internal process for handling this change was updated. Previously, the version history, PO line, and notes were lost/not maintained with the creation of the new holdings record for the location change. Now, instead, the existing holdings record is maintained with these details, and only the location in the holdings record is changed.
- **April 2019 APIs**  
An incorrect error messages appeared for the GET Holdings API when the holdings ID was invalid or related to a deleted record. The message was fixed.
- **April 2019 APIs SF: 00502189**  
The Retrieve Set API did not work well for an itemized set of PO lines. This was fixed.
- **April 2019 APIs SF: 00520209**  
The Update Electronic Collection API did not update the Free field. This was fixed.
- **April 2019 APIs SF: 00617023**  
The GET Locations and GET Location APIs did not return the suppress\_from\_publishing field (true/false). This was fixed. Use this field and the Update Holdings API to change a suppressed holdings in this location to Suppressed.
- **April 2019 APIs SF: 00647367**  
The Create User API returned an error when trying to create a user with a password but without a primary\_id. This was fixed.
- **April 2019 APIs, Fulfillment - Resource Sharing, Collaborative Networks SF:**  
If the API call to one of the fulfillment network members failed, the entire action failed and the institutions list was empty. This was fixed and now Alma ignores the failed institution rather than fail the entire action.
- **April 2019 Acquisitions SF: 00347686**  
All emails sent to the vendor from the Communication tab used the vendor's claim address (address type = Claim). This was fixed.
- **April 2019 Acquisitions SF: 00474875 00474207**  
When searching for PO lines by identifier, the autocomplete field did not work when entering a normalized value, such as an ISBN without dashes. This was fixed, and now you can search by entering either the original or normalized value.
- **April 2019 Acquisitions SF: 00493898**  
When a purchase request with an ISBN was matched to a bibliographic record with other fields indexed as ISBN (776 z for example), the purchase request ISBN was overridden by the record's other ISBN. This was fixed.
- **April 2019 Acquisitions SF: 00503678 00635723 00621431 00625170**  
The interested In letter was sent twice: once when activating a resource using the Update Inventory import profile and again after selecting Done in the resource activation task list. This was fixed, and now the letter is sent only once.
- **April 2019 Acquisitions SF: 00528411 00567133 00501238 00529634 00580404 00539352**  
As a result of migration, the Task List had many Order Lines with Claims whose Expected Receipt Date was in the future. These lines were fixed and they no longer appear in the Task List.
- **April 2019 Acquisitions SF: 00533908**  
When linking an item or a holdings to a physical PO line, the PO line could have items or holdings under a library that did not have an Acquire For relationship with the library that owned the PO line. This was fixed, and now only PO lines that are owned by allowed libraries appear in the drop-down list.
- **April 2019 Acquisitions SF: 00539252 00559607 00575792 00414428**  
On the acquisition jobs configuration page, the option As soon as possible did not work. It was removed.

- **April 2019 Acquisitions SF: 00546361**  
The Update Inventory import profile did not properly implement the advanced mapping policy (such as update barcodes). This was fixed.
- **April 2019 Acquisitions SF: 00564997**  
Changing the Available For field in a ledger caused the Available For of the related funds to be blank. This was fixed.
- **April 2019 Acquisitions SF: 00567746 00168909 00637948 00119929 00515675 00501162 00551227 00552013 00429088**  
When using a template to create a PO line, if the template was created from a different type of inventory (electronic or physical), an error appeared. This was fixed.
- **April 2019 Acquisitions SF: 00573904**  
The fund for Do not prorate in the vendor EDI settings used the previous fiscal period, which resulted in an error. This was fixed, and now the fund with the same code is taken from the current fiscal period.
- **April 2019 Acquisitions SF: 00583318 00528420**  
When adding a local portfolio, and selecting a vendor interface (Interface Name), selecting any page of interfaces always displayed the first page. This was fixed.
- **April 2019 Acquisitions SF: 00587699 00589341 00582168 00595208**  
When attempting to view PO line items from a title search, there was an error. This was fixed.
- **April 2019 Acquisitions SF: 00611329**  
When a vendor manager that did not have permission to view invoices selected the Invoice tab from the vendor page, a failure occurred. This was fixed, and now an error message appears.
- **April 2019 Acquisitions SF: 00613855**  
The Manage License Terms table was not sorted properly. It is now sorted by description in lexicographical order.
- **April 2019 Acquisitions SF: 00619137 00481866 00491980**  
An error occurred when loading MR1 reports using SUSHI harvest. This was fixed.
- **April 2019 Acquisitions SF: 00626515**  
The Cancellation note in the PO Line Cancellation Letter was truncated after the first period. This was fixed.
- **April 2019 Acquisitions SF: 00634341 00632686 00660767**  
When rolling over PO lines, the roll over job failed due to over encumbrance, even when Check Over Encumbrance was not selected. This was fixed, and the job no longer fails in this case.
- **April 2019 Acquisitions SF: 00640692 00612476 00616265 00655983**  
The PO Line - Receive All job sometimes completed with errors or a failure when run on a large number of items. This was fixed.
- **April 2019 Administration and Infrastructure SF: 00040821**  
If the block message which appeared in the Patron Services pages for blocked users did not include a block note, the message ended with two consecutive periods (. .) instead of one. This was fixed.
- **April 2019 Administration and Infrastructure SF: 00452059 00547569**  
Searching for electronic collections and electronic services whose Free setting was not defined did not work properly. This was fixed.
- **April 2019 Administration and Infrastructure SF: 00506372**  
User information did not display properly in the User Information pop-up. This was fixed.
- **April 2019 Administration and Infrastructure SF: 00517580 00550328 00584813**  
For physical item searches, searching by Last Shelf Report Date did not work. This option was removed. Note that you can view the list of items processed in the last shelf report job in the job report.
- **April 2019 Administration and Infrastructure SF: 00529100 00598543 00514355 00597394 00487579**  
Exporting a long list of electronic collections after a search caused Alma to freeze. This was fixed.
- **April 2019 Administration and Infrastructure SF: 00553883 00639619**  
The request type in the facet on the Resources Request Monitoring screen appeared as Undefined in other languages. This was fixed.
- **April 2019 Administration and Infrastructure SF: 00563909**  
Selecting F2 opened the Main Menu but did not put the browser focus on the menu. This was fixed.
- **April 2019 Administration and Infrastructure SF: 00574586**  
Search result thumbnails were broken when the image's alt parameter contained special characters. This was fixed.

- **April 2019 Administration and Infrastructure SF: 00609610**  
A password of 8 spaces was accepted. Passwords are now trimmed of whitespace characters.
- **April 2019 Administration and Infrastructure SF: 00636564**  
Selecting Add and then Close to add an address in User Details screen resulted in an error. This was fixed.
- **April 2019 Administration and Infrastructure SF: 00638547 00642056 00638332 00647279**  
If a barcode was associated with both an active and deleted physical item ID, that physical item record was not added to a set when a set of physical items was created from a barcode list. This was fixed.
- **April 2019 Administration and Infrastructure SF: 00641210**  
When searching in a CJK language, searching for keywords only found records with adjacent terms. This was fixed.
- **April 2019 Administration and Infrastructure SF: 00648137 00647465 00644343**  
Alt + number shortcuts worked only on Google Chrome. The shortcuts now also work on Mozilla Firefox, Microsoft Internet Explorer, and Microsoft Edge.
- **April 2019 Analytics SF: 00601387**  
In Analytics, sometimes dragging a field to a report caused rows to drop. This was fixed.
- **April 2019 Analytics SF: 00622887**  
In Analytics, in the Fulfillment subject area under the Loan Details folder, the Loan Note field contained no data even when the loan had a note. This was fixed.
- **April 2019 Fulfillment SF: 00185168 00523270 00520613**  
When attaching a file and note to a digitization request, the note did not appear in the Digitization Notification letter. This was fixed.
- **April 2019 Fulfillment SF: 00481579**  
The FulPlaceOnHoldShelf notification was not sent. This was fixed.
- **April 2019 Fulfillment SF: 00534521**  
The rejection reason was not properly translated in LenderRejectEmailLetter. This was fixed.
- **April 2019 Fulfillment SF: 00542556**  
When a user had a read-only Fulfillment Administrator role, Copyright Declaration in Digital Fulfillment was not visible, but if the user also has the read-only Acquisitions Administrator role, Copyright Declaration became visible. This was fixed, and visibility depends only on the Fulfillment Administrator role.
- **April 2019 Fulfillment SF: 00556694 00517518 00616313 00593623**  
For some users, the choose location popup did not appear when logging in to Alma when force\_location\_selection\_on\_login was set to true. This was fixed.
- **April 2019 Fulfillment SF: 00563244 00578852 00525692 00576068**  
In Get It, when selecting c.uresolver.getit2.digitize\_different, the form opened with the Partial check box not selected even when uresolver\_partial\_digitization\_default\_value was set to true. This was fixed.
- **April 2019 Fulfillment SF: 00571811**  
Duplicate transactions were created when waiving fines and fees using the purge users job. This was fixed. Also, duplicate transactions added before this fix were removed.
- **April 2019 Fulfillment SF: 00575139**  
The auto-renew loan job report sometimes contained the wrong reason for a loan not being auto-renewed. This was fixed.
- **April 2019 Fulfillment SF: 00576501 00635176 00619961**  
You could not copy text from the On Hold pop-up. This was fixed.
- **April 2019 Fulfillment SF: 00587673**  
A user with the Circulation Desk Operator – Limited role was unable to manage patrons in a fulfillment network. This was fixed.
- **April 2019 Fulfillment SF: 00595150 00581369 00600112**  
Sometimes when circulation desk configurations were changed, when connecting to Alma from a different computer, the new configurations were not reflected. This was fixed.
- **April 2019 Fulfillment SF: 00600887**  
When a requested item was scanned in to the hold shelf, the patron received a Hold Shelf notification each time the item was scanned in. This was fixed and now the letter is sent only once.
- **April 2019 Fulfillment SF: 00604498**

When creating a document delivery request for a located electronic resource lending request, if the resource was owned by the institution, and not a library, institution departments could manage the request but not the resource sharing circulation desk, even if the desk supported digitization. This was fixed, and now the request can be handled by the resource sharing circulation desk as well as institution departments. As before, if the resource is owned by a library, the library departments can also manage the request.

- **April 2019 Fulfillment SF: 00614572 00625804 00613312 00644502 00614321 00608023 00627141 00644850 00630596**  
When viewing the patron's list of loans and sorting by Loan Status, when the Loan Status Name code table was customized, some loans were duplicated or missing. This was fixed.
- **April 2019 Fulfillment SF: 00638087 00633682 00628777**  
The general digitization request option appeared in GetIt even when the user was not logged in. This was fixed.
- **April 2019 Fulfillment SF: 00643461 00643479 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.
- **April 2019 Fulfillment SF: 00647017**  
In the Attachments tab of the User Details page, you could not view attachments of type NOTIFICATION\_SMS. This was fixed.
- **April 2019 Fulfillment - Resource Sharing SF:**  
After a locate job, partners were rejected in the rota even when the locate was successful. This was fixed.
- **April 2019 Fulfillment - Resource Sharing SF: 00531861 00637426**  
Trying to change the status of a completed lending request to Request Completed resulted in an error. This was fixed.
- **April 2019 Fulfillment - Resource Sharing SF: 00591012 00638169**  
For an SLNP resource sharing partner, if a shipped message was delayed and arrived after the material was already physically received, and the temporary ILL item was placed on the hold shelf for the patron, then the item barcode was removed from the borrowing resource sharing request. This was fixed and the barcode is no longer removed.
- **April 2019 Fulfillment - Resource Sharing SF: 00602142**  
When trying to locate a digital or electronic resource and the partner had a holding code, then the locate failed. This was fixed, and now the process does not check the partner's holding code.
- **April 2019 Fulfillment - Resource Sharing SF: 00616988 00619664 00642487**  
When an item was lost on the borrowing request and then later found and returned to the lender scanning the item on the Scan In or Return Item pages caused the request status to be Shipped Physically with multiple barcodes instead of Returned by partner. This was fixed.
- **April 2019 Fulfillment - Resource Sharing SF: 00629860**  
A renewal request sent to an itemless library was not processed correctly. This was fixed.
- **April 2019 Resource Management SF:**  
When creating a new MARC21 bibliographic record and an item using the Quick Cataloging form (Resources > Add Physical Item), the data entered in Series title number was mapped to the obsolete field 440, instead of field 490 (first indicator '0') subfield \$a. This was fixed.
- **April 2019 Resource Management SF:**  
In the MD Editor, clearer visual feedback for fields with errors was added in the following cases: when saving the record, the alert now specifies the field with the error; when removing focus from the field with the error.
- **April 2019 Resource Management SF: 00498835**  
During crosswalk of bibliographic records from UNIMARC to MARC21, UNIMARC field 606 subfields \$z and \$y were converted incorrectly to MARC21 650 field subfields \$z and \$y. 606 \$z was converted to 650 \$z and 606 \$y was converted to 650 \$y. This was fixed, and now 606 \$z is converted to 650 \$z and 606 \$y is converted to 650 \$y.
- **April 2019 Resource Management SF: 00512876**  
When trying to change the bibliographic record, selecting the portfolio list resulted in an error. This link should not have appeared in this case. Now the portfolio list only appears directly from the search page.
- **April 2019 Resource Management SF: 00558618 00549546**  
When trying to delete a normalization rule, if the name of the rule was contained in the name of another rule that was used in a normalization process, the rule could not be deleted. This was fixed.
- **April 2019 Resource Management SF: 00559349 00639573 00584533 00508119**  
In the MD Editor, pressing F9 to add a subfield did not work in the Microsoft Edge browser. This was fixed.

- **April 2019 Resource Management SF: 00564554 00571206**  
In the MD Editor, in the Form Editor for control fields (006,007), the empty form fields were not filled automatically with '#' (– undefined). This was fixed. The # is now added after editing and saving the control field.
- **April 2019 Resource Management SF: 00566966 00560046**  
A tooltip Open in a new window now appears for all links in GetIt and ViewIt that open a new window.
- **April 2019 Resource Management SF: 00571286**  
When moving an item with a loan from one holdings to another, the original holdings could not be deleted in the MD Editor. This was fixed.
- **April 2019 Resource Management SF: 00572254**  
When using the MD Editor in Microsoft Edge, using Ctrl+F (form view) showed a single character in a box that was too small. This was fixed and the box is now larger.
- **April 2019 Resource Management SF: 00572417 00592115**  
Bibliographic records related to database electronic collections incorrectly appeared with an active icon in the Community tab of the search results, even when the bibliographic records were not activated in the Institution tab. This was fixed.
- **April 2019 Resource Management SF: 00574953**  
Duplicate validation MARC21 Holding Other Title did not work sometimes if field 852 contained subfield \$\$k. This was fixed. This fix will take effect after a full inventory indexing is run.
- **April 2019 Resource Management SF: 00578748 00588102 00573705 00574885 00573903 00588104 00575099**  
The bibliographic record resource types Digital File - Audio, Digital File - Data, Digital File - Image, Digital File - Text, and Digital File - Video (based on the MARC21 field 347 subfield \$a) were removed. This change will take effect after a full inventory indexing is run.
- **April 2019 Resource Management SF: 00585407**  
When scanning in an item (using the Scan In or Return Items pages), field 245 subfield c did not appear. This was fixed, and now the title includes subfield c. In addition, for all requests, the title now includes subfield c.
- **April 2019 Resource Management SF: 00586383**  
The title of the links and availability section for electronic resources could not be edited. The label c.uresolver.getit2.pageTitle was added, with default value Home.
- **April 2019 Resource Management SF: 00587841**  
In some cases, the Back button on List of Items page opened the List of Holdings for a different record. This was fixed.
- **April 2019 Resource Management SF: 00588389**  
The block message that appears when a request creation failed due to a user block was created from block type + block description + block note. If the block did not have a note, there was a null at the end of the message. This was fixed.
- **April 2019 Resource Management SF: 00589435**  
When creating a new UNIMARC bibliographic record and then searching external resources to find related resources for the record, the title search field contained : and the creator search field contained ,. This was fixed and now these search fields are empty when the related fields in the UNIMARC record are empty.
- **April 2019 Resource Management SF: 00592440**  
When exporting an electronic package result to Excel, the file contained duplicates columns. This was fixed.
- **April 2019 Resource Management SF: 00603501**  
There was an error when editing a standalone portfolio linked to the Community Zone. This was fixed.
- **April 2019 Resource Management SF: 00607574**  
When an authority record had more than 5,035 \$z entries, the \$z entries in the 6th or greater position were not processed during the Synchronize Changes from CZ job. This was fixed.
- **April 2019 Resource Management SF: 00609292**  
When the user added a duplicate authority, heading enrichment was sometimes incorrectly performed in the 830 field with \$LY instead of \$9Y. This was fixed.
- **April 2019 Resource Management SF: 00610543**  
The Resource Details pop up in an external search profile did not include information about the normalization processes. This was fixed.
- **April 2019 Resource Management SF: 00612523**  
In the MD Editor, the 008 field form editor did not have drop-down menus for positions 22, 23, 26, and 28 when Type of

Record = Computer File. This was fixed, The drop-downs in these positions are now populated in this case.

- **April 2019 Resource Management SF: 00613055**  
Authority Headings Rules did not work for KORMARC records. This was fixed.
- **April 2019 Resource Management SF: 00613840**  
When a Primo Publishing job (single or network) job failed because a previous instance was running, this was considered a failure, but it should not have been. This was fixed.
- **April 2019 Resource Management SF: 00614167**  
The Send Requests to Remote Storage job report now indicates if there is an error with the FTP transfer of the exported file.
- **April 2019 Resource Management SF: 00614304**  
Users could enter free text in the Interface Name drop-down list, which could cause portfolios to not be properly connected to the vendor. This was fixed.
- **April 2019 Resource Management SF: 00615286**  
In the MD Editor, when viewing a multilingual authority record, the last name (instead of the first) appeared in the record title and drafts list. This was fixed, and now the first name appears.
- **April 2019 Resource Management SF: 00618486 00613769 00568754**  
When the bibliographic record linked to the portfolio contained a cancelled ISBN (020\$z) or a cancelled ISSN (022\$z), Alma attempted to find matches in the Community Zone according to these invalid identifiers. This was fixed.
- **April 2019 Resource Management SF: 00621849 00641866**  
Importing UNIMARC records did not import the LDR. This was fixed.
- **April 2019 Resource Management SF: 00622377**  
GES was taking the data of a related record instead of the selected record. This was fixed.
- **April 2019 Resource Management SF: 00624530**  
A normalization rule with a condition referring to a value of a field (for example: when (exists '999.a.true')) did not work. This was fixed.
- **April 2019 Resource Management SF: 00627734 00525803**  
When running the Publishing Platform job with Exclude suppressed records checked in the Physical Holdings Enrichment section of the Data Enrichment tab, holdings records whose locations were suppressed globally were published anyway. This was fixed and now, in this case, holdings records that are suppressed on the individual holdings level, or their location is globally suppressed, are not published.
- **April 2019 Resource Management SF: 00628260 00218239 00630610**  
In the MD Editor when a controlled vocabulary popup appeared and the user wanted to close the popup using the Escape key, the popup did not close. This was fixed.
- **April 2019 Resource Management SF: 00630121**  
Suppressed records (Location = 'Suppress from Discovery' and suppressBibWithSuppressedHol = true) were published as new in FULL Primo Publishing. This was fixed, and these records are published as deleted.
- **April 2019 Resource Management SF: 00649809 00516371**  
UNIMARC field 219 was not mapped when converting records from UNIMARC to MARC21 (importing from external search resources). This was fixed, and now UNIMARC 219 fields are mapped to the MARC21 264 field as follows: Subfields mapping: \$a -> \$a; \$c -> \$b; \$d -> \$c. Indicators: 1,0 -> 1,1; 1,2 -> 1,2; 1,4 -> 1,4.
- **April 2019 Resource Management SF: 00650689 00574960 00507357 00496288 00630893 00520586 00520025 00508663 00526058**  
In some cases, an unclear error message (Failed to retrieve InventoryCacheByPids) appeared in the report of the General Publishing job. The message was clarified.
- **April 2019 Resource Management SF: 00655382 00619998 00655344**  
The Change electronic portfolio information job could not update electronic material type if the portfolio was linked. This was fixed.
- **April 2019 Resource Management, Collaborative Networks SF: 00572799 00555061**  
When using normalization rules that added local fields to records that were linked to a Network Zone record, local fields were added to the Network Zone record and duplicated in the member records. This was fixed.
- **April 2019 Resource Management, Collaborative Networks SF: 00607882**  
Bibliographic records could not be saved to the Network Zone after enhancing the record from happiness. This was fixed.

- **April 2019 Fulfillment - Resource Sharing SF: 00659975 00665080**  
BLDSS updates sometimes failed due to technical issues. This was fixed.
- **April 2019 Resource Management SF: 00585377**  
Normalization sometimes duplicated local fields when changing a field from global to local (add sub field 9.local). This was fixed.
- **March 2019 Release Update Resource Management SF: 00420703**  
In the MD Editor, when editing field 260 \$\$a, the pop-up displayed incorrect information. This was fixed.
- **March 2019 Release Update Analytics / Administration and Infrastructure SF: 00622450**  
In some cases, configuring the Data Sharing Profile page resulted in an error. This was fixed.
- **March 2019 Release Update Resource Management SF: 00615817 00636964**  
The publishing to KERIS publishing profile job sometimes got stuck. This was fixed.
- **March 2019 Release Update Acquisitions SF: 00449574**  
When working with PO lines, selecting Relink did not change the identifier field in the Summary tab and the data in the Description tab. This was fixed.
- **March 2019 Release Update Fulfillment SF: 00642391**  
Payment receipts were sometimes sent to the default printer instead of to the selected printer. This was fixed.
- **March 2019 Release Update Acquisitions**  
The delete interested users job deleted the users before letters were sent to these users. This was fixed, and now the job deletes only users to whom Alma has already sent letters.
- **March 2019 Release Update Acquisitions SF: 00653233 00658712**  
When creating a PO line using a template that does not contain a vendor and a vendor account, the PO line was corrupted. This was fixed.
- **March 2019 Release Update Resource Management SF: 00658767**  
Korean codes were removed from the list for the MD Editor 008 positions 15-17. They were restored.
- **March 2019 Release Update Acquisitions SF: 00658936**  
The PO line packaging list was opened from the tasks list in read only mode. This was fixed.
- **March 2019 Release Update Fulfillment - Resource Sharing SF: 00659603**  
The Update BLDSS job started failing when handling ARTEmail requests. This was fixed.
- **March 2019 Analytics SF: 00406196 00407060 00628068 00389662**  
When **Anonymize item loans** was selected, Alma Analytics reports did not correctly indicate the number of users. This was corrected.
- **March 2019 Analytics SF: 00632251**  
The ARL titles count was incorrect. This was fixed. A new report for electronic titles, **Electronic Titles Count by Library**, was created. The current report was renamed **Physical Titles Count by Library**.
- **March 2019 Analytics SF: 00620126 00622079 00622268 00626477 00646510 00634238 00616394 00613713 00617391 00627647**  
Creating a report from an Analytics set did not work properly. This was fixed.
- **March 2019 Acquisitions SF: 00557743 00587803 00623224 00611482 00574188 00578508 00603711**  
If the library of the job was the same as the library of the PO line's item or holdings record, the job did not change the PO line owner. This was fixed.
- **March 2019 Acquisitions SF: 00604988 00570019 00581363 00598380 00622536 00544297 00607099 00515876 00571443 00544149 00609419**  
Acquisition Administrators could not delete PO line templates that they did not create. This was fixed and now Acquisition Administrators can delete such PO line templates.
- **March 2019 Acquisitions / Administration and Infrastructure SF: 00574149 00449659 00519100 00591822**  
The PO line **Library Cancellation Reason** did not appear in German. This was fixed, and it now appears in all supported languages.
- **March 2019 Acquisitions SF: 00571882 00551515 00642553 00499417**  
The **Back** and **Save** buttons were not working in the **Invoice Lines** tab of the Purchase Order Line Details page. This was fixed.
- **March 2019 Acquisitions SF: 00592156 00566002 00591771**

Purchasing review rules did not work if they contained more than one value in any parameter. This was fixed. The purchasing review rule now works even if there is more than one value in a parameter.

- **March 2019 Acquisitions SF: 00449574**  
The **Relink** button didn't change the **Identifier** field in the **Summary** tab and the data in the **Description** tab. This was fixed.
- **March 2019 Acquisitions SF: 00602345**  
The owner of an invoice created from an Excel file was at the institution level, even though all PO lines associated with invoice were at the library level. Now, when an invoice is created from an Excel file, the owner of the invoice is taken from the PO line and not from the Excel file.
- **March 2019 Acquisitions SF: 00544299 00212350 00389253 00225320 00497817 00177163 00372594**  
Fully invoiced PO lines with closed invoices had a **Waiting for Invoice** status. A data correction will change the fully invoiced PO lines with closed invoices to **Closed**.
- **March 2019 Acquisitions / Administration and Infrastructure SF: 00528526 00507380 00412945 00635253**  
The column type on the **Transactions** tab of a fund was not translated. This was fixed and now the column type is translated to all supported languages.
- **March 2019 Acquisitions SF: 00607817**  
Users with the Acquisition Administrator (read only) and Purchase Operator roles could deactivate vendors. Now when the vendor list is opened in View mode, the activate/deactivate slider is grayed out.
- **March 2019 Acquisitions SF: 00611287 00598204 00630803 00585443 00580012 00564911 00619593 00576003**  
Deleting a file from the files list did not delete all related data and the file could therefore not be loaded again by the harvesting job. This was fixed.
- **March 2019 Acquisitions SF: 00619137 00640173 00616688 00607371 00615770 00616277**  
Unsupported report types were displayed when loading a valid JR5 COUNTER report. This was fixed.
- **March 2019 APIs SF: 00619920 00648232 00617405**  
The GET Item API retrieved the **inventory\_date** field incorrectly, setting the date to one day earlier than the date set in Alma. This was fixed and the **inventory\_date** field is now correctly retrieved.
- **March 2019 APIs SF: 00584311**  
The GET Request Options API did not return the MMS ID in the **request\_url** field. This was fixed.
- **March 2019 APIs / Administration and Infrastructure SF: 00627600**  
The GET Fee API did not show the barcode related to a fee in some cases. This was fixed.
- **March 2019 APIs / Administration and Infrastructure SF: 00522419**  
In the GET Fee API, the user fee status date was different than the date shown in the Alma UI. This was fixed.
- **March 2019 Administration and Infrastructure SF: 00588853**  
The **Force password change on next login** check box in the user record was still selected even though the user changed the password in Primo. This was fixed.
- **March 2019 Administration and Infrastructure SF: 00626385**  
The message that appeared when creating a role profile with the name of a deleted profile was incorrect. This was fixed.
- **March 2019 Administration and Infrastructure SF: 00537167**  
Read-only Administrator roles combined with the Purchasing Manager role could update physical item sort routines. This was fixed and now only the following roles have this ability: General System Administrator, Repository Manager, Purchasing Manager, Purchasing Operator, Physical Inventory Operator
- **March 2019 Administration and Infrastructure SF: 00537158**  
Users with read-only Administrator roles were able to update controlled vocabulary settings in Metadata Configuration. This was fixed and now these users can only view the controlled vocabulary settings and not change them.
- **March 2019 Administration and Infrastructure SF: 00406649 00483234 00210499 00378972 00579596 00592026**  
Values with dots used in mapping tables (for example, statistical category types) were not displayed correctly. This was fixed.
- **March 2019 Administration and Infrastructure SF: 00502442 00538811**  
Viewing files in the **Attachment** tab sometime displayed an error message. This was fixed.
- **March 2019 Administration and Infrastructure SF: 00595623**  
The user title drop-down was sorted incorrectly. Note that for the sort order to be corrected, you must re-sort and

customize the User Titles code table.

- **March 2019 Resource Management SF: 00564392**  
On the Item Edit page, when selecting the PO line pickup field, the **Back** button did not go back to the Purchase Order Line Details page. This was fixed.
- **March 2019 Resource Management SF: 00617241**  
An invalid response was created when the RSS feed returned 0 results. This was fixed.
- **March 2019 Resource Management SF: 00563992**  
The **Max days** option in the RSS publishing profile was ignored by the RSS job. This was fixed.
- **March 2019 Resource Management SF: 00601759**  
For publishing to Primo, heading enrichment information was published incorrectly in some cases. This was fixed.
- **March 2019 Resource Management SF: 00609292**  
Heading enrichment was sometimes performed erroneously in the 830 field with \$LY instead of \$9Y when the user added a duplicate authority. This was fixed.
- **March 2019 Resource Management SF: 00618269**  
For physical item sets, the Change Holdings Information job erroneously used the set criteria of the physical title level. This was fixed.
- **March 2019 Resource Management SF: 00572032**  
An itemized set created from a shelf report job analysis disappeared when creating the next set. This was fixed.
- **March 2019 Resource Management SF: 00634478**  
The Synchronize Changes from CZ and User Audit Purge with Retention jobs could not be run simultaneously. This was fixed.
- **March 2019 Resource Management SF: 00619885**  
The UNIMARC authority field 240 (preferred Name + Title) did not appear in the repository search results. This was fixed.
- **March 2019 Resource Management / Collaborative Networks SF: 00576850 00531571 00576900 00577285 00451838**  
When non-preferred terms of authority records held special characters (this mostly happened in GND authorities), searching for local bibliographic records by the authority non-preferred terms did not retrieve records linked to the Network Zone. This was fixed.
- **March 2019 Resource Management SF: 00584873**  
The **Subject** and **Series** fields were not displayed in the search results for physical, electronic, and digital titles. This was fixed.
- **March 2019 Resource Management /Administration and Infrastructure SF: 00573232 00607020 00601792 00591816**  
Labels for local fields did not appear in the selected language in the repository search. This was fixed.
- **March 2019 Resource Management SF: 00576246**  
The **Is Empty** option was removed from the **Fund Name** list of options in an order lines advanced search since this capability is not supported by the infrastructure.
- **March 2019 Resource Management SF: 00570422 00540971**  
The **Edit Collection** button did not appear for logical sets. This was fixed.
- **March 2019 Resource Management SF: 00579856**  
During preferred term correction, when subfields were updated from the authority record, the subfields from the the bibliographic record heading were retained as well. This caused duplication of these subfields. This has been fixed, and now subfields from the bibliographic record heading are retained only if they are not corrected from the authority record.
- **March 2019 Resource Management SF: 00521032 00525192 00530594 00552218 00610378 00629308 00557591 00643870 00610510 00559313 00597257 00575481 00621583 00574800 00635159 00570398 00581054 00617006 00573527 00521788**  
Invalid characters in an XML caused an error when creating a MARC record. This was fixed and now the invalid characters are removed.
- **March 2019 Resource Management SF: 00649672 00592236 00382670**  
When the MD Editor released a record in split mode and the focus was on the left record, it froze. This was fixed.

- **March 2019 Resource Management SF: 00531438**  
The KORMARC LDR position 6 values in the MD Editor form were fixed. The **y** option was removed. The **w** option, **Rare book**, was added. The **o** option label was changed to **Kit**.
- **March 2019 Resource Management SF: 00625715**  
The drop-down list values were not sorted properly when the location was configured to display the name of the location and not the code. This was fixed.
- **March 2019 Resource Management SF: 00619349 00643529 00633241**  
If field 830 containing subfield \$\$v was linked to an authority using F3 > Select, subfield \$\$v was duplicated. This was fixed.
- **March 2019 Resource Management SF: 00634781**  
Some drop-down lists in the MD Editor were not translated. This was fixed.
- **March 2019 Resource Management / Collaborative Networks SF: 00614734 00576546 00631886**  
When editing a Network Zone record from a member institution, in some cases, local fields were not displayed, or local fields from another member institution were displayed. This was fixed and now only the local fields of the member institution of the user that is editing the record are displayed.
- **March 2019 Resource Management SF: 00420703**  
In the MD Editor when editing field 260 \$\$a, the pop-up displayed incorrect information. This was fixed.
- **March 2019 Resource Management SF: 00142001 00514866 00634644 00607424 00595162 00564992 00543200**  
The months for prediction patterns were only in English although they should be according to the holdings language. This was fixed.
- **March 2019 Resource Management SF: 00628382 00624857**  
When subfield 6 in the authority field was in linkage information format (for example 100-01 or 880-02), it was copied to the bibliographic record field in the correction job. This was fixed.
- **March 2019 Resource Management SF: 00628094 00578799**  
The authority control task list operated slowly. This was fixed.
- **March 2019 Resource Management SF: 00553953**  
The new MARC country codes for Guernsey (gg), Isle of Man (im), and Jersey (je) were not available in the drop-down list for 008 field positions 15-17. This was fixed.
- **March 2019 Resource Management SF: 00597463**  
GND authority record subfields were incorrectly sorted. This was fixed and they are now sorted according to the MMS record order.
- **March 2019 Resource Management / Collaborative Networks SF: 00520109**  
When a new record was imported using an import profile with the **Use NZ Record** option selected, an incorrect control number appeared in the Institution Zone. This issue was fixed.
- **March 2019 Resource Management / Collaborative Networks SF: 00557115 00567331 00599982 00615878 00625683 00638108 00640980**  
The message **RollbackException: Transaction marked as rollbackOnly** will no longer appear in the report for the Network Publishing job. The root cause error was handled.
- **March 2019 Fulfillment SF: 00605006 00619804**  
The **License Terms** label and value were displayed as one HTML tag with a colon as the delimiter. This was fixed. The label and value were separated to two terms, and the delimiter was removed.
- **March 2019 Fulfillment SF: 00458610**  
If an item on loan had a pending personal delivery request, when the item was returned, the print slip sometimes did not print. This was fixed.
- **March 2019 Fulfillment SF: 00548590**  
Sometimes marking an item on the hold shelf as missing caused the item to get stuck on the expired hold shelf. This was fixed.
- **March 2019 Fulfillment SF: 00521245 00555333 00115065 00477836 00222482 00358747 00468606**  
If there was a default value in the User Group configuration table, the user group could not be removed from the **User Group** field on the Overdue and Lost Loan Profile page. This was fixed.
- **March 2019 Fulfillment SF: 00454580 00468698**  
**Missing Title** sometimes appeared when viewing the Full Calendar view for library opening hours. This was fixed.

- **March 2019 Fulfillment SF: 00575332**  
The borrower name on the Loan Audit Trail page did not appear in the Contact Information pop-up window. This was fixed.
- **March 2019 Fulfillment SF: 00604836**  
When placing a title-level request for an item in a temporary location, the request slip did not contain the permanent call number. This was fixed.
- **March 2019 Fulfillment SF: 00564170**  
In some cases, when editing or deleting a requested item, an incorrect warning message was displayed or no warning was displayed at all. This was fixed.
- **March 2019 Fulfillment SF: 00527268 00456559 00524849 00602107 00352482 00128053 00421938**  
When a hold request was canceled for an item in **On Hold Shelf** status, and an item was returned from the Manage Patron Services page instead of the Scan In Items page, the item disappeared from the hold shelf, but the process remained **On Hold**. This was fixed. The item is now moved to the next step.
- **March 2019 Fulfillment SF: 00548932**  
When canceling a borrowing resource sharing request, the cancellation note was not saved properly. This was fixed.
- **March 2019 Fulfillment SF: 00608503 00629540**  
The fields in the **Bookings** tab were not displayed properly. This was fixed.
- **March 2019 Fulfillment - Resource Sharing SF: 00570666**  
When creating a book type borrowing request via the ZFL server, the chapter author and chapter title for SLNP messages were not added to the borrowing request. This was fixed.
- **March 2019 Fulfillment - Resource Sharing SF: 00623051**  
A borrowing request was not sent to a partner in the rota. This was fixed.
- **March 2019 Fulfillment - Resource Sharing SF: 00617489**  
The item-level **Description** drop-down did not always display all available descriptions. This was fixed.
- **March 2019 Fulfillment - Resource Sharing**  
The notification letter for document delivery borrowing requests that contains a link to the file was always sent to the patron, even when this feature was not configured. Now, if the library did not indicate to send the letter directly to the patron, the letter is sent to the borrower's resource sharing library.
- **March 2019 Fulfillment - Resource Sharing SF: 00571299**  
When creating a **Ship physically** request to fulfill a lending request, the **Library destination** drop-down list displayed all resource sharing libraries even if there was no **Supply To** relationship. This was fixed, and the **To** drop-down list now displays only resource sharing libraries that have a **Supply To** relationship.
- **March 2019 Administration and Infrastructure SF: 00536957**  
The out-of-the-box delivery skin CSS file was outdated. This was fixed.
- **March 2019 Administration and Infrastructure SF: 00597986**  
The header text in Alma turned gray when the session timed out. This was fixed.
- **March 2019 Administration and Infrastructure SF: 00514170**  
The dates in the Community Zone Updates Task List were cut off. This was fixed.
- **March 2019 Administration and Infrastructure SF: 00483394**  
Some drop-down lists were blocking data entry in Internet Explorer. This was fixed.
- **March 2019 Administration and Infrastructure / Acquisitions SF: 00595109**  
The PO line type is now translated for all supported languages.
- **March 2019 Administration and Infrastructure / Acquisitions SF: 00505821 00528509 00483886 00505823 00505435**  
The value of the PO line status is now translated for all supported languages.
- **March 2019 Administration and Infrastructure SF: 00367724**  
In the e-activation task list, the **Status** and **Type** values are now translated to all supported languages.
- **March 2019 Administration and Infrastructure SF: 00636626 00635258**  
When using the new Identity Service reset password flow, the message **An email with the reset password link has been sent to your registered email address** always appeared in English instead of the user's preferred language. This was fixed.
- **March 2019 Administration and Infrastructure / Fulfillment SF: 00579288**

The library names on the Fulfillment Units configuration page were not translated. This was fixed.

- **March 2019 Administration and Infrastructure SF: 0055301**  
The Health Check job verified only that standard opening hours existed for the library, but not if they were still valid. This was fixed and now the job also checks whether the opening hours of a library are valid.
- **March 2019 Administration and Infrastructure SF: 00551224 00550566 00609412 00630732**  
The maximum number of records that could be opened in the MD Editor with a catalog set was 100. This was increased to 200.
- **February 2019 Release Update Acquisitions SF: 00648063**  
E-books unexpectedly appeared in the Claims list. This was fixed.
- **February 2019 Release Update Acquisitions SF: 00484486 00487604 00509265 00514744 00528468 00531264 00534889 00537017 00571215 00578559 00590912 00612593 00614341 00618595 00622677 00641163 00644121 00218459 00321147 00359464 00360183 00374537 00376918 00389615 00390296 00409653 00447443**  
Active funds disappeared from Alma due to an indexing issue. This was fixed.
- **February 2019 Release Update Resource Management SF: 00644006**  
The Change Physical Item job erroneously processed deleted items. This was fixed.
- **February 2019 Release Update Resource Management SF: 00639575 00641743 00644898**  
When adding an itemized set for physical items via barcodes, items failed to get added if the Excel had a barcode with uppercase letters, but the item record had the barcode with lowercase letters. This was fixed.
- **February 2019 Release Update Digital Resource Management SF: 00648113**  
PDF files could not be printed from the Alma Viewer. This was fixed.
- **February 2019 Release Update Fulfillment SF: 00648064**  
You could not select the process type for requested/pre-booked items after they were received. This was fixed.
- **February 2019 Release Update Fulfillment SF: 00648983**  
In some cases, when editing a general electronic service, the service was deleted. This was fixed.
- **February 2019 Release Update Fulfillment SF: 00638040 00645428 00646071**  
The **Show License** button did not work. This was fixed.
- **February 2019 Release Update Administration and Infrastructure / Analytics SF: 00647812**  
Analytics was down due to multiple usage tracking report executions from Alma. This was fixed.
- **February 2019 Release Update Administration and Infrastructure SF: 00647936**  
The shelf list widget disappeared from the Alma home page. This was fixed.
- **February 2019 Release Update Administration and Infrastructure SF: 00648654**  
With the February release, the width of several screens in Alma was problematic. This was fixed.
- **February 2019 Acquisitions SF: 00505758**  
When a PO line was opened in view mode, the **Save** button was visible. When selected, the page failed with an exception. This was fixed and now the **Save** and **Save as Template** buttons do not appear on the page when it is opened in view mode.
- **February 2019 Acquisitions SF: 00618218**  
When generating PO lines and assigning inventory numbers automatically, the generated barcode numbers were not consecutive as they should be. This was fixed and the system now generates consecutive barcode numbers in such situations.
- **February 2019 Acquisitions SF: 00515408 00618438 00538434 00423567 00568115**  
When a PO line list was exported to Excel, the **Interested users** field always contained **Has interested users**, even if the PO line did not have any interested users. This was fixed. When the PO line does not have any interested users, the value is now **No interested users found**.
- **February 2019 Acquisitions SF: 00525919 00451631 00547065**  
Alma displayed an error when a user changed the bibliographic record of an order and selected a bibliographic record with special characters in the title (such as %, &, and so forth). This was fixed.
- **February 2019 Acquisitions SF: 00596532 00581413 00639854 00491669 00588703 00588156 00583440 00578036 00591885 00564345 00567056 00577082 00548009 00605416 00537264 00524474 00552225 00564345 00567056 00541728 00588703 00588156 00627464 00591885 00564345**  
Searching for a PO line that included an apostrophe in the standard number caused an error. This was fixed.

- **February 2019 Acquisitions SF: 00578508**  
In some cases, the organization unit of a PO line's inventory could not be fetched, which caused the job to fail. This was fixed. The job now skips records with this issue.
- **February 2019 Acquisitions SF: 00568663 00572927 00580653**  
In some cases, there was no current fiscal period for an invoice. In these cases, the amount paid in the current fiscal period contained all invoices paid in all fiscal periods. This was fixed.
- **February 2019 Acquisitions SF: 00598017 00584197**  
When removing the material type from the PO line, the material type of the item displayed the default value from the material type configuration table. This was fixed, and now, when removing the material type in the PO line, the type displays an empty value in the item editor as well.
- **February 2019 Acquisitions SF: 00532254 00637213 00591927 00540804 00530729 00630429 00558301 00607794 00572939 00581205 00572578 00593985 00553300**  
The Update PO Lines Information job displayed an empty **Tertiary Reporting Code** drop-down. This was fixed.
- **February 2019 Acquisitions SF: 00595795**  
When a PO line linked to a bibliographic record with special characters in the title (such as %, &, <<, >>) the PO line information was corrupted. This was fixed.
- **February 2019 Acquisitions SF: 00571685**  
The Purchase Request Operator/Manager roles had the options to edit and delete a PO in **In Review** status, although attempting to edit or delete caused an error. This was fixed. The edit and delete options are no longer available for the Purchase Request Operator/Manager roles.
- **February 2019 Acquisitions SF: 00512928 00540570 00547965**  
The data correction job did not update invoices. This was corrected.
- **February 2019 Acquisitions SF: 00573847 00567515 00492749 00603230 00597643**  
Searching invoices by vendor account code caused an error. This was fixed.
- **February 2019 Acquisitions SF: 00581050**  
The option to save a license as a template was available only for local licenses. Now it is available for shared licenses as well.
- **February 2019 Acquisitions SF: 00398558**  
Users with the View License privilege could view license attachments for all types of licenses, which was incorrect. This was fixed, and now only users with the License Manager role can view attachments for all types of licenses.
- **February 2019 Acquisitions SF: 00591539 00489055 00525418 00468446 00476434 00503996 00481754 00409613 00473470**  
When a user selected **View** or **Download** on a vendor's attachment, an error appeared. This was fixed.
- **February 2019 Acquisitions SF: 00560260 00537473 00517351 00590707**  
Some vendors had their first name and last name populated instead of only the first name. This was fixed.
- **February 2019 Acquisitions SF: 00543080**  
When loading a JR1a COUNTER report from an Excel file, errors appeared. This was fixed.
- **February 2019 Acquisitions SF: 00540508**  
The Missing Data page from Load Usage Data loaded very slowly. This was fixed.
- **February 2019 Acquisitions / Fulfillment SF: 00582651 00480233 00582720 00403871**  
On the Discovery Interface Labels page, when a deleted license term appeared, selecting **Restore** for that label caused an error. This was fixed. Deleted terms from Manage License Terms that still appear in Discovery are now removed when the license is saved.
- **February 2019 Acquisitions / Resource Management SF: 00595294**  
When working with predicted items in the MD Editor, it was occasionally not possible to add the 863 field. This was fixed.
- **February 2019 Resource Management SF: 00572997**  
When running the Withdraw Items job and selecting **Delete holdings; suppress bibliographic records that have no other holdings from publishing**, the holdings record was deleted but the bibliographic record was not suppressed. This was fixed.
- **February 2019 Resource Management SF: 00560228**  
The count in the extended export of the **All** tab was not the same as the count in the Community Zone Update Task List. This was fixed.

- **February 2019 Resource Management SF: 00231799**  
The shelf report incorrectly showed some records as items on shelf but out of range even though they were within the call number range. This was fixed.
- **February 2019 Resource Management SF: 00586362 00470875 00458291 00573422 00433577 00566347**  
Items were on the shelf, but the shelving report indicated that they were out of range. This was fixed.
- **February 2019 Resource Management SF: 00579073**  
Users were not able to edit the permanent location of a physical item with the Change Item Information job or the Physical Item Editor. This was fixed by adding a new validation severity exception, **Location is a mandatory field**, to the **MARCXML Holding Metadata Edition on Save** profile. This validation prevents the creation of a holdings record without a location. Note that to remove the validation, you can delete this exception.
- **February 2019 Resource Management SF: 00622485 00560627**  
When exporting portfolios with a static URL, the URL was not in the correct column. This was fixed.
- **February 2019 Resource Management SF: 00506536**  
When the bibliographic record that was connected to the portfolio being linked to the Community Zone contained a canceled ISBN (020\$z) or a canceled ISSN (022\$z), Alma attempted to find matches in the Community Zone to these invalid identifiers. This was fixed.
- **February 2019 Resource Management SF: 00626796 00624380**  
When a Community Zone portfolio was linked to local bibliographic records, selecting the Community Zone icon of the portfolio level displayed an error message on the electronic portfolio search page. This was fixed.
- **February 2019 Resource Management SF: 00584889**  
Deactivation of some portfolios did not trigger publishing of the bibliographic record in the General Publishing, Google Scholar, and Primo Central publishing profiles. This was fixed.
- **February 2019 Resource Management SF: 00606794**  
When publishing to Primo with headings enrichment from authority records, the headings were published with the wrong vocabulary code (in the subfield \$2). This caused the subject browse to appear incorrectly in Primo. This was corrected.
- **February 2019 Resource Management SF: 00617399 00582085 00552316 00550277**  
In the Export URLs job, the IDs were displayed incorrectly in CSV format. This was fixed.
- **February 2019 Resource Management SF: 00582048**  
Searching electronic collections by library name did not work correctly. This search option was disabled.
- **February 2019 Resource Management SF: 00576886**  
In a repository search results, the date of publication was taken from the wrong field. This was fixed.
- **February 2019 Resource Management SF: 00489166**  
In the browse shelf listing, when searching for alternative or temporary call numbers, browsing backwards and then browsing forwards caused inaccurate results to appear. This was fixed.
- **February 2019 Resource Management SF: 00607798**  
When the SRU integration profile was set to **Add Availability**, the AVE field was returned without subfield i. This was fixed.
- **February 2019 Resource Management SF: 00568242 00603525**  
The Request a Different Issue form in the Get It tab opened slowly. This was fixed.
- **February 2019 Resource Management SF: 00611661 00534031**  
The **No Campus** option in the **Pick-up Location** drop-down list on the Get It tab was not customizable. This was fixed.
- **February 2019 Resource Management SF: 00474157**  
Holdings availability for Primo was slow when there were many holdings. The performance was improved.
- **February 2019 Resource Management SF: 00591364**  
The MD Editor > Holdings record > Info tab in the French interface did not lead to the correct place. This was fixed.
- **February 2019 Resource Management SF: 00586324 00595815 00607771 00595916 00568391 00627825 00577342**  
Saving a MARC 21 holdings record without a 008 field added a 008 field with incorrect content. This was fixed, and now the content is taken from the default MARC 21 holdings template.
- **February 2019 Resource Management SF: 00619210**  
In the MD Editor, when a user tried to load a new record into the left pane of the split screen, the record was loaded

into both the left and right panes. This was fixed.

- **February 2019 Resource Management**  
When cataloging a GND authority record that had matches in the Community Zone, an error occurred when selecting **View** and then **Edit**. This was fixed.
- **February 2019 Resource Management SF: 00632516**  
When a bibliographic record was changed by a normalization job, the bibliographic heading in the MD Editor did not indicate that it was modified by the system. This was fixed.
- **February 2019 Resource Management SF: 00618374 00517356 00632516 00513198**  
When using normalization rules during a normalization process, if the record content was not changed, the modification dates of the records were updated but the modified by values were not changed. This was fixed and now both **Modification date** and **Modified by** are updated.
- **February 2019 Resource Management SF: 00594732**  
In the MD Editor, when pressing F3 for an authority record, a user could not select a preferred result that contained non-filing characters (<<>>). This was fixed.
- **February 2019 Resource Management SF: 00227925 00231300 00205343**  
Deleting duplicate authority records deleted both the original and the duplicate record. This was fixed.
- **February 2019 Resource Management SF: 00435184 00059854 00475659 00545875 00108702**  
651 fields were linked correctly, but were not corrected as expected by the Preferred Term Correction job. This was fixed and now the 651 fields are corrected with the value of the corresponding 151 fields.
- **February 2019 Resource Management SF: 00594732 00597615**  
The selected Authority Heading rule for a given Vocabulary + Family (in **Configuration > Resources > Cataloging > Metadata Configuration > Authority Vocabularies**) is now applied to the expanded F3 results for authority records as well as for bibliographic records. When editing a Community Zone authority record in the local institution, the local institution's Authority Heading rule is applied to generate the expanded results.
- **February 2019 Resource Management SF: 00594732**  
In the MD Editor, when using F3 on the 260 field of a GND authority record, incorrect results appeared. This was fixed.
- **February 2019 Resource Management SF: 00594732**  
In the MD Editor, when editing a MARC 21 authority record, using F3 on a 5XX field now removes the following subfields. They are preserved after selecting a result: 5XX subfield i, 500 and 510 subfield e, and 511 subfield j.
- **February 2019 Resource Management**  
When applying punctuation after data correction, the punctuation to add was calculated incorrectly when numeric subfields (0,2,9) existed in the data field. This was fixed and these subfields are now ignored when punctuation is calculated.
- **February 2019 Resource Management SF: 00584148**  
A user had to select **Display related services for monographs** for related records to appear for serials. This was fixed.
- **February 2019 Resource Management SF: 00578243**  
In some cases, two PLK records appeared in Primo for one related record when performing network publishing. This was fixed.
- **February 2019 Resource Management / Collaborative Networks SF: 00607882**  
Bibliographic records could not be saved to the Network Zone after enhancing the record from Happiness. This was fixed.
- **February 2019 Resource Management SF: 00572357**  
The Authority Control Task List was stuck on a specific date range. This was fixed.
- **February 2019 Resource Management SF: 00469974**  
For export job reports (such as Export Electronic Portfolios), the **Records processed** counter was removed from the **Counters** section of the report because it duplicated the same information provided in the job header section of the report.
- **February 2019 Resource Management SF: 00463400 00477263 00477271 00477296 00553905**  
The crosswalk for UNIMARC to MARC 21 authority records was updated in the following manner:
  - The UNIMARC 829 field is now converted to the MARC 21 929 field.
  - The UNIMARC 240, 440, 540, and 740 fields were mapped to the MARC 21 130, 430, 530, and 730 fields. The

UNIMARC 240, 440, 540, and 740 fields are now mapped to the MARC 21 100, 400, 500, and 700 fields.

- When the UNIMARC 210 field has a \$b followed by a \$c, the UNIMARC 210 \$b and \$c are now mapped to the MARC 21 210 \$b (\$b and \$c are concatenated into \$b with a space between them). This is in addition to the existing crosswalk of UNIMARC 210 \$b mapping to the MARC 21 210 \$b when no \$c is present.

• **February 2019 Resource Management SF: 00496244**

The crosswalk for MARC 21 to UNIMARC bibliographic records was updated in the following manner:

- In the LDR position 6, the value a is retained instead of converting to h.
- The 264 \$b is now converted to the 210 \$c.
- The 264 \$c is now converted to the 210 \$d.
- The 336 \$b is now converted to the 181 \$c.
- The 337 \$b is now converted to the 182 \$c.
- The 338 \$b is now converted to the 183 \$a.
- When the MARC 21 700 field has \$4 or \$e, it is converted to the 702. If not, the 700 is converted to the 701.

• **February 2019 Resource Management SF: 00637938 00645526**

The Change Physical Items job failed for sets that contained more than 1000 items belonging to the same holdings record. This was fixed.

• **February 2019 Fulfillment SF: 00557668 00515191**

When a linked user account was refreshed, some information about the user's fine/fee payments (in the target institution), such as the circulation desk which received the payment, was lost. This was fixed.

• **February 2019 Fulfillment SF: 00383182 00533773**

The fine amount for the Overdue Fine policy and the Recalled Overdue Fine policy did not match. This was fixed.

• **February 2019 Fulfillment SF: 00546341 00532005 00481959**

A Circulation Desk Operator - Limited could not edit or delete notes. This was fixed.

• **February 2019 Fulfillment SF: 00582840**

In some non-English interfaces, the Pay button in the Patron Services page appeared even when the balance was zero. This was fixed.

• **February 2019 Fulfillment SF: 00448476 00583737**

Request failure messages that appear in Primo can now be configured in the Labels page in the Discovery Interface Display Logic configuration menu. Additionally, the message format that appears in Primo when a request attempt fails due to a user block was changed from {blockType} - {blockDescription}. {blockNote}. to **Block Type: {blockType} - Block Description: {blockDescription}. Note: {blockNote}**.

• **February 2019 Fulfillment SF: 00617211**

Scanning in an item on the Return Items page did not print slips for active booking requests. This is fixed.

• **February 2019 Fulfillment SF: 00478063 00418672**

The job report for the Loans - Overdue and Lost items job displayed incorrect information. This was fixed.

• **February 2019 Fulfillment SF: 00522643 00517353 00601457 00567136 00463693 00626236 00627307 00510919 00525996 00601950 00632637 00491815 00521310**

Past barcode searches appeared on the Manage Item Returns page. This was fixed.

• **February 2019 Fulfillment - Resource Sharing SF: 00511755 00595568**

If an item was in a resource sharing request process at a temporary location, checking it in at the remote storage location did not put the item in place. This was fixed.

• **February 2019 Fulfillment - Resource Sharing SF: 00604049**

When creating a new borrowing request from Alma, the default value of the Specific Edition Only field was always selected. This was fixed, and now the value of the **rs\_specific\_edition\_only\_default** customer parameter determines whether the field is selected.

• **February 2019 Fulfillment - Resource Sharing SF: 00583785**

If a borrowing institution received an item in a format different from the request, Alma did not warn the user of the change in format. This was fixed.

• **February 2019 Fulfillment - Resource Sharing SF: 00609486**

In the ResourceSharingShippingSlipLetter, the group qualifier was not populated. This was fixed.

- **February 2019 Fulfillment - Resource Sharing SF: 00368153 00388036 00141909**  
When a patron returned a resource sharing item to a library that was not a resource sharing library, and the item was scanned through Return Items, the borrowing request stayed in **Returned by Patron** status until the item was scanned again. This was fixed, and now, only one Return Item activity is necessary for the borrowing request to change to the **Returned to Partner** status.
- **February 2019 Fulfillment - Resource Sharing SF: 00540185**  
The **Failed to process renew** message could not be sent to a borrower when a loan existed on the borrowing side. This was fixed.
- **February 2019 Collaborative Networks SF: 00594812**  
The **Last Publication Date** on the Network Zone tab was incorrect. This was fixed.
- **February 2019 Analytics SF: 00567646 00579731**  
The **Active Course Code** and **Active Course Name** fields were not populated correctly in Analytics. This was fixed.
- **February 2019 Analytics SF: 00530975 00482895 00531095**  
In Alma Analytics, the Users subject area contained the **Default language** field when actually the appropriate field was **Preferred language**. This was fixed.
- **February 2019 Analytics SF: 00586426**  
The **Belongs to the American Library Association (ALA)** field displayed values of both **Yes** and **No**. This was fixed.
- **February 2019 Analytics SF: 00231352**  
When an Alma Analytics report was created with MMS IDs of physical titles, usage statistics appeared for them. This was fixed.
- **February 2019 Administration and Infrastructure SF: 00449559 00501987 00509151 00399457 00526965 00536637 00549534 00497301**  
The filters for **Status** and **Upload Date** in the **Usage Data** tab were not translated correctly. This was fixed.
- **February 2019 Administration and Infrastructure SF: 00637032**  
A security issue was found with the new Identity Provider password reset workflow. This was fixed.
- **February 2019 Administration and Infrastructure SF: 00501649 00526446**  
When importing new roles using the Load Desk Operators job, the newly added role's expiration date did not always match the expiration date provided in the Excel file. This was fixed.
- **February 2019 Administration and Infrastructure SF: 00610895 00632491**  
Alphabetical sorting of locations was incorrect for locations with external names. This was fixed.
- **February 2019 Administration and Infrastructure SF: 00622752**  
The German language information sites for GND fields was not available. This was fixed.
- **February 2019 Administration and Infrastructure SF: 00612300**  
When the language was set to Hebrew, there was an X sign that hid the value in the search bar. The X sign was removed.
- **February 2019 Administration and Infrastructure SF: 00478230**  
The Alma configuration menu header switched to the regular menu header after uploading a letter XML to the test notification template. This was fixed.
- **February 2019 Administration and Infrastructure SF: 00449517**  
Focus and select were added to the persistent search box, so that entering new information removes the text from the last search.
- **February 2019 Administration and Infrastructure SF: 00577329**  
Tooltips did not appear for facets after removing an applied filter or clearing all filters. This was fixed.
- **February 2019 Administration and Infrastructure SF: 00359496 00528360**  
System notes on user blocks were not translatable. This was fixed.
- **February 2019 Administration and Infrastructure SF: 00595113**  
The **Import Profile > Match Profile > Match Actions** could not be translated. This was fixed.
- **February 2019 APIs SF: 00516628 00617235 00598550**  
When updating an e-collection proxy using the API, the proxy enabled option in the Alma UI became blank, with no selection. This was fixed.
- **January 2019 Release Update Resource Management SF:00638698**

- Saving a record in Arabic displayed the title incorrectly. This was fixed.
- **January 2019 Release Update Resource Management SF:00637902 00637977 00638227 00638254 00638412 00639084**  
The links between holdings and items disappeared for records that had related links. This was fixed.
  - **January 2019 Release Update Resource Management SF:00638156**  
Titles that contained an ampersand (&) caused an error. This was fixed.
  - **January 2019 Release Update Resource Management SF:00636989 00637996 00638186**  
When searching for electronic collection names the **Public Name (override)** field was not searched. This was fixed.
  - **January 2019 Release Update Resource Management SF:00637781**  
Pressing the arrow keys in the MD Editor when using Firefox added blank spaces but did not move the cursor. This was fixed.
  - **January 2019 Release Update Resource Management SF:00637781**  
Moving between subfields in the MD Editor inserted spaces. This was fixed.
  - **January 2019 Release Update Resource Management SF:00637434 00637473**  
Clicking **Order** for a portfolio for electronic titles or electronic packages produced an error. This was fixed.
  - **January 2019 Release Update Resource Management SF:00637473 00637565 00637577 00637589 00637607 00637628 00637642 00637666 00637756 00637873 00637925 00637939 00637970 00637975 00637979 00637981 00637990 00638107**  
Editing an item with an ampersand on the Received Items page produced an error. This was fixed.
  - **January 2019 Release Update Fulfillment SF:00637819**  
The link to full text disappeared when refreshing the page even though the user was logged in. This was fixed.
  - **January 2019 Release Update Fulfillment - Resource Sharing SF:00637512 00637558 00637615 00637690 00637737 00638099**  
Duplicate resource sharing shipping slip letters were printed. This was fixed.
  - **January 2019 Release Update Administration and Infrastructure SF: 00637675**  
Performing a "contains" search for a term with a hyphen did not work properly. This was fixed.
  - **January 2019 Release Update Administration and Infrastructure SF: 00607712 00609899 00610290 00615550 00624752 00630726**  
An itemized set of users could not be created from an Alma Analytics report. This was fixed.
  - **January 2019 Release Update Administration and Infrastructure SF:00538722 00554139 00562037 00623158**  
The self-check payment system timed out too quickly. This was fixed.
  - **January 2019 Acquisitions**  
Locations of purchase requests were saved even when the user canceled the operation. This was fixed. Now locations are saved only when the user selects **Save**.
  - **January 2019 Acquisitions SF: 00423437 00487599 00545729 00219310 00566729 00563269 00516348 00614607 00371432 00491864**  
When exporting the purchase request to an Excel file, the **Title** field was duplicated and the requester name was not displayed. This was fixed.
  - **January 2019 Acquisitions SF: 00574310 00603785 00512156**  
In the electronic portfolio and physical item search results, the PO line link redirected to a search of PO lines by MMS ID, which caused many issues. This was fixed, and now the links on these pages redirect to a search by PO line ID that returns the correct PO lines linked to the specific inventory.
  - **January 2019 Acquisitions SF: 00622071 00609887 00616956 00608585 00630311 00618155 00499219 00597951 00612423 00615561**  
When the list price and the currency were automatically copied from the PO line to the **Inventory Price** field of the physical item, the item could only be saved when the currency was removed from the **Inventory Price** field. This was fixed.
  - **January 2019 Acquisitions SF: 00407521 00359148 00240051**  
Updating the remote access field on a license caused an error. This was fixed.
  - **January 2019 Acquisitions SF: 00552832**  
The **Service unavailable message as of date** was not functioning as described in the documentation. The current date (today) was always used. This was fixed and the message now functions as described.

- **January 2019 Resource Management SF: 00469479 00514446**  
When importing a profile, the **Originating system** field of the existing record was overridden. This was fixed, and the **Originating system** field of the existing record is no longer overridden upon import.
- **January 2019 Resource Management SF: 00528190**  
F3 functionality for the UNIMARC series fields 225/410 incorrectly indexed the subfields \$\$f, \$\$v, \$\$x and \$\$z. This was fixed.
- **January 2019 Resource Management SF: 00571417**  
The message displayed when changing the information of items with requests was changed to clearly indicate that existing requests were deleted.
- **January 2019 Resource Management SF: 00630428 00516759 00575184 00594267 00548433 00523309 00612919 00606787 00516759 00595538**  
The Upload Electronic Holdings Job did not operate properly in some cases. This was fixed.
- **January 2019 Resource Management SF: 00586213 00381020 00423845**  
Holdings records were not displayed in the correct sort order in the repository search. This was corrected.
- **January 2019 Resource Management SF: 00529732 00569066 00532269 00607626**  
Items on loan were erroneously deleted. This was fixed.
- **January 2019 Resource Management SF: 00586311**  
Items shipped for a resource sharing request could be deleted. This was fixed.
- **January 2019 Resource Management SF: 00606674 00583993**  
An error message appeared when relinking an item associated with a closed PO line. This was fixed.
- **January 2019 Resource Management SF: 00426281 00398417 00586342 00558677 00216353 00569196**  
Alma did not operate correctly when activating a portfolio from the Community Zone when there was already a local bibliographic record in Alma. This was fixed.
- **January 2019 Resource Management SF: 00550316 00588322 00554847 00613317 00591088**  
Portfolios could not be moved from one collection to another. This was fixed.
- **January 2019 Resource Management SF: 00588610**  
The **Identifier** column in the Community Zone Updates Task List included only ISSNs from the 776\$x field. This was fixed.
- **January 2019 Resource Management SF: 00603501**  
There was an error when editing a standalone portfolio linked to the Community Zone. This was fixed.
- **January 2019 Resource Management SF: 00582621**  
For some electronic collections, an error appeared when trying to open the Edit Collection > General tab. This was fixed.
- **January 2019 Resource Management SF: 00606787 00516759 00595538**  
Information in serial and monograph collections was switched by the Upload Electronic Holdings job. This was fixed.
- **January 2019 Resource Management SF: 00464293 00126207 00614272 00460533 00539161 00609465**  
An error sometimes appeared when running a publishing profile. This was fixed.
- **January 2019 Resource Management SF: 00555159**  
When publishing to Primo, the \$\$2 GND subfield was erroneously added to some fields. This was fixed.
- **January 2019 Resource Management / Alma-Summon Integration SF: 00568743 00614295**  
A deleted portfolio appeared in a Summon holdings file. This was fixed.
- **January 2019 Resource Management SF: 00581959**  
Sorting community results by contributing institution caused errors. This was fixed.
- **January 2019 Resource Management / Alma-Summon Integration SF: 00615195**  
The Summon publishing job enriched records with See Also headings even though this check box was not selected in the profile. This was fixed.
- **January 2019 Resource Management SF: 00598133 00589521 00527216**  
Alma operated slowly when working on electronic collections. To improve speed, when the customer is working on more than 100 portfolios (instead of the previous 1000), changes are done by a background job.
- **January 2019 Resource Management SF: 00403796**  
Bibliographic records for print serials did not appear in Alma. This was fixed.

- **January 2019 Resource Management SF: 00211332 00236188 00367344**  
In the MD Editor, when using F3 on a MARC 21 bibliographic record in a 7XX field, subfield \$\$i was taken into consideration when doing a search. This was fixed.
- **January 2019 Resource Management SF: 00420703**  
When editing field 260 \$\$a in the MD Editor, the pop-up displayed incorrect information. This was fixed.
- **January 2019 Resource Management SF: 00490915 00526102 00518923 00521871**  
The results for Browse Shelf Listing and Browse Bib Headings were not sorted. This was fixed.
- **January 2019 Resource Management SF: 00629335 00551825 00550263 00559845 00577573 00573395**  
When using the **Resources > Cataloging > Browse Shelf Listing** and the **Library** and **Location** parameters were not specified, the back button (<) occasionally displayed inaccurate results. This was fixed.
- **January 2019 Resource Management SF: 00538842**  
The **Rules** tab in the MD Editor loaded slowly. This was fixed.
- **January 2019 Resource Management SF: 00236188 00373541 00205435 00367344**  
Using F-3 while the field had a subfield i broke the link to the authority record. This was fixed.
- **January 2019 Resource Management SF: 00579381**  
Searching for headings that contained an apostrophe in the Authority Control Task List did not work properly. This was fixed.
- **January 2019 Resource Management SF: 00629579**  
When searching an authority record, bibliographic headings pages did not display properly. This was fixed.
- **January 2019 Resource Management SF: 00598614**  
When a non-existing location was mistakenly saved as the default location in the **Inventory Information** tab of an import profile, the profile did not display correctly. This was fixed.
- **January 2019 Resource Management SF: 00580975**  
The MmsTagSyncNationalCatalog task was labeled incorrectly on the **Task Parameters** tab in the List of Processes. This was fixed.
- **January 2019 Resource Management / Collaborative Networks SF: 00521552 00585377 00565441**  
If a Network Zone member added local fields to a record, but did not release it, the fields were nevertheless visible to other Network Zone members. This was fixed.
- **January 2019 Resource Management SF: 00588392**  
After an import job, the 003 field was deleted incorrectly. This was fixed.
- **January 2019 Resource Management**  
Adding a last name to the customer parameter did not update the author number generated. This was fixed.
- **January 2019 Resource Management SF: 00525613**  
For the USC Shoah Foundation VHA e-collection, the count of portfolios in the Community Zone was not updated after additional portfolios were contributed. This was fixed.
- **January 2019 Resource Management / Collaborative Networks SF: 00457480 00378347 00591318**  
When running an MD import with a **Using NZ** type profile, the 001 field of the cached record was set with the institution's own mms\_id when creating a new cached record. This was fixed.
- **January 2019 Digital Resource Management SF: 00528032**  
Adding a digital collection with an ampersand (&) in the title resulted in an error. This was fixed.
- **January 2019 Digital Resource Management SF: 00558115**  
The login page did not appear when selecting the representation link when the representation had an access right restriction based on user details. This was fixed.
- **January 2019 Fulfillment / Administration and Infrastructure SF: 00553635 00567299 00569481 00379252**  
Fulfillment rule creation was possible only in English. It is now possible in other languages as well. Note that the name and description are the default values of the fields, which are in English only.
- **January 2019 Fulfillment SF: 00601190**  
The status date of a user's fees did not always update when the fees were waived. This was fixed.
- **January 2019 Fulfillment SF: 00396729**  
On the Resource Request Monitoring page, in the **Request/Process Type** facet, library level work order types were shown by work order code for library-level work orders instead of by name. This was fixed.
- **January 2019 Fulfillment / Collaborative Networks SF: 00410952 00504795**

In a fulfillment network, when an item from another institution was returned, the transit slip that was generated for sending the item back to the owning institution was missing the **Title** and **Institution Name** for the destination. This was fixed.

- **January 2019 Fulfillment - Resource Sharing SF: 00581420 00551599 00515489**  
In the Primo Resource Sharing form, the **Willing to pay** and **Accept copyright fields** were marked as mandatory in the Resource Sharing Form Customization, but not validated when the form was submitted. This was fixed.
- **January 2019 Fulfillment - Resource Sharing SF: 00507923**  
The Advanced Policy Configuration page could not display the policies of type **Yearly resource sharing requests limit**. This was fixed.
- **January 2019 Fulfillment - Resource Sharing SF: 00537664**  
On the Primo Resource Sharing form, the values of the fields **Article title**, **Journal title**, and **PMID** disappeared when mandatory validations caused an alert to appear. This was fixed.
- **January 2019 Fulfillment - Resource Sharing SF: 00559687**  
In resource sharing, when an article title was missing, the journal title was automatically copied to the article title. Additionally, the publication date from the journal record was copied to the article. This was fixed.
- **January 2019 Fulfillment - Resource Sharing SF: 00607084**  
Selecting **View Local Resources** and **View Network Resources** did not work properly because Alma erroneously searched the 245 \$c field for the title. This was fixed.
- **January 2019 Analytics**  
The holdings record local fields that could be sent to Analytics needed to have a 9 in them. This was fixed. Bibliographic local fields and holdings local fields can now be any field.
- **January 2019 Analytics**  
UNIMARC bibliographic fields 500 and 501 now link to authorities fields 230 and 245, respectively.
- **January 2019 Analytics SF: 00574509**  
There was an error with Analytics reports that had commas in their names. This was fixed.
- **January 2019 Analytics SF: 00612302**  
In Analytics, adding the **From Another Institution** description field in the Physical Items History Events report produced an error. This was fixed.
- **January 2019 Analytics SF: 00585700**  
A tooltip was added to the **Fund Expenditure > Reporting Code > Reporting Code** field stating that it is the Fund Transaction reporting code.
- **January 2019 Analytics SF: 00569812**  
Analytics did not display the correct language for CNMARC records when there were multiple 101 fields. This was fixed. The complete fix will be seen after a full reindexing.
- **January 2019 Administration and Infrastructure SF: 00557861**  
A user with only the Usage Data Operator role only could not log in to Alma. This was fixed.
- **January 2019 Administration and Infrastructure**  
In the User Details **General Information** tab, the **Preferred Identifier** was mislabeled as the Primary Identifier. This was fixed.
- **January 2019 Administration and Infrastructure SF: 00595277**  
The Update/Notify Users job allowed only five resource sharing libraries. The number of libraries is now unlimited.
- **January 2019 Administration and Infrastructure SF: 00543693 00578601**  
License terms were not translated properly. This was fixed.
- **January 2019 Administration and Infrastructure SF: 00585811**  
The **Open in a New Window** tooltip was not translated properly. This was fixed.
- **January 2019 Administration and Infrastructure SF: 00506372**  
User information did not display properly in the User Information pop-up. This was fixed.
- **January 2019 Administration and Infrastructure SF: 00517010**  
Changing the UI font size did not work properly. This was fixed.
- **January 2019 Administration and Infrastructure SF: 00402051**  
In the **Description** column of the Predicted Items List, month names did not appear in the selected UI language. This was fixed.

- **January 2019 Administration and Infrastructure SF: 00551391**  
When editing library information and selecting **Cancel**, the changes were saved. This was fixed.
- **January 2019 Administration and Infrastructure SF: 00571423**  
Job history did not appear for some integration profiles. This was fixed.
- **January 2019 APIs SF: 00585483**  
The PO line related APIs did not work for PO lines that had a slash in the PO line number. This was fixed.
- **January 2019 APIs**  
The GET e-collection API returned a blank public\_name when the **Public name (override)** field in the UI was empty. This was fixed.
- **January 2019 APIs / Collaborative Networks SF: 00583238**  
In a Network Zone member institution, when using the API to add a local field to a bibliographic record that was linked to a network record, a version was not created. This was fixed.
- **September 2019 Fulfillment - Course Reserves SF: 00723921**  
When searching by full course code, courses were not able to be retrieved. This was fixed.
- **September 2019 Fulfillment - Course Reserves SF: 00636585**  
If a due back date was empty in a reading list associated with multiple courses, it did not always take the last course end date. This was fixed.
- **September 2019 Fulfillment - Course Reserves SF: 00690994**  
In the Reading Lists Task List, an error appeared when assigning multiple reading lists on the second page. This was fixed.
- **September 2019 Fulfillment - Course Reserves SF: 00667289**  
In the Reading Lists Task List, an error appeared when selecting Manage Selected > Delete for a reading list that was not on the first page. This was fixed.
- **September 2019 Fulfillment - Course Reserves / Leganto SF: 00700540**  
Duplicating a list with more than 1000 notes failed. This was fixed.
- **September 2019 Fulfillment - Course Reserves SF: 00708996**  
Changing a citation type, for example from book to book chapter, removed the option to place a digitization request. This was fixed.
- **September 2019 Fulfillment - Course Reserves SF: 00715060 00715170**  
Searching for a course that had hyphens in the name did not always work. This was fixed.
- **September 2019 Fulfillment - Course Reserves SF: 00715531**  
There was an error when trying to open the event License sync failed in the job report. This was fixed.
- **August 2019 Release Update Fulfillment - Course Reserves SF: 00710467 00714278**  
When **On rollover list creation mode** is **Single** and you are rolling over multiple courses, the new course pointed to the old reading list. This was fixed.
- **August 2019 Release Update Fulfillment - Course Reserves SF: 00713977 00715218**  
The section search was modified to fix an issue in the August release that caused the search to fail.
- **August 2019 Fulfillment - Course Reserves SF: 00666597**  
When exporting the Citation Alternate Suggestion job report, the column **Reading List Code** should have been **Reading List Name**. This was fixed for all new job reports. Note that old job reports continue to have this error.
- **August 2019 Fulfillment - Course Reserves SF: 00638955**  
The Edit Citations page was slow to load. This was fixed.
- **August 2019 Fulfillment - Course Reserves SF: 00614085**  
When using the course loading profile to rollover courses, when **On Rollover Overwrite Course Instructors** was selected but there were empty fields in the loader file, instructors were copied to the new course, anyway. This was fixed.
- **August 2019 Fulfillment - Course Reserves SF: 00689829**  
In the citation purchasing rules, the **Item to Student Ratio** parameter did not work correctly. This was fixed.
- **July 2019 Fulfillment - Course Reserves / Analytics SF: 00664513**  
Sometimes the shared folder for Leganto Analytics did not appear. This was fixed.
- **July 2019 Fulfillment - Course Reserves SF: 00639014**

- The copyright rules did not work properly for some citations with characters in their ISBN/ISSN. This was fixed.
- **July 2019 Fulfillment - Course Reserves SF: 00637464 00642155 00637464 00642155**  
In some cases, the reading list facets did not display the correct results after selecting the facet. This was fixed.
  - **July 2019 Fulfillment - Course Reserves SF: 00624215**  
The list configuration feature Select List Size disappeared from the Edit Citations page. It was restored.
  - **July 2019 Fulfillment - Course Reserves SF: 00631493**  
Sometimes when adding a citation in Alma, the Citation Default Copyright Status did not work. This was fixed.
  - **July 2019 Fulfillment - Course Reserves SF: 00642218**  
When using the course loading integration profile to roll over courses to new courses with the same names, other courses were also incorrectly given these courses' names. This was fixed.
  - **July 2019 Fulfillment - Course Reserves SF: 00369728**  
The course end date was sometimes off one day for a course uploaded by the course loading integration profile. This was fixed.
  - **July 2019 Fulfillment - Course Reserves SF: 00595117**  
The Activate/Deactivate Courses job sometimes considered course start/end dates as though they were one day before or after the configured date. This was fixed.
  - **July 2019 Fulfillment - Course Reserves SF: 00548441**  
In the course loading integration profiles, a rollover operation with copyright = Recalculate set Number of Students to the old course's number of participants instead of the new course's number. This was fixed.
  - **July 2019 Fulfillment - Course Reserves / Analytics SF: 00586204**  
Not all citations from a list appeared in Leganto Student Usage Analytics. This was fixed.
  - **July 2019 Fulfillment - Course Reserves / Analytics SF: 00631118**  
Digitized citations did not appear in Analytics. This was fixed.
  - **June 2019 Fulfillment - Course Reserves SF: 00564095**  
Reading list statuses were not translated. This was fixed.
  - **June 2019 Fulfillment - Course Reserves SF: 00569879**  
After selecting **Manage Fulfillment Options** for a citation and performing any action, the **Back** button and back navigation icon did not function correctly. This was fixed.
  - **June 2019 Fulfillment - Course Reserves SF: 00579721 00583566**  
Reading lists export to Excel failed when more than 1000 reading lists existed. This was fixed.
  - **June 2019 Fulfillment - Course Reserves SF: 00642213**  
In the course loading integration profile, the option **On rollover set instructors as owners** did not work. This was fixed.
  - **June 2019 Fulfillment - Course Reserves**  
Citation alerts were not updated immediately in the facets on the Edit Citations page. This was fixed.
  - **June 2019 Fulfillment - Course Reserves SF: 00614329 00639312**  
When associating a citation with the DCS, Alma now splits multiple ISBNs, normalizes them to ISBN-13, and removes meaningless characters.
  - **June 2019 Fulfillment - Course Reserves SF: 00644387**  
If you entered an invalid value for **Resource Total Pages** in the **Copyright Attributes** tab of a citation, the field was only validated if you saved the citation while that tab was active. If you saved the citation while any other tab was active, the field was not validated and an invalid value could be saved. When running the course loading integration profile, an invalid value in this field caused an error. This was fixed: validation is now performed on the field when saving from any tab, and now the course loading integration profile will not fail because the field will not contain an invalid value.
  - **June 2019 Fulfillment - Course Reserves**  
On the Edit Citations or Edit Reading List pages, if you selected a portfolio link in the **Electronic** tab of a citation, and then selected to go back, Alma displayed a null page. The portfolios in this tab are no longer links; to properly view the portfolios, select **Portfolio List** from the row actions list.
  - **June 2019 Fulfillment - Course Reserves SF: 00636665**  
In the Edit Citations and Reading Lists Tasks page, facets did not appear if only one value existed. This was fixed.
  - **April 2019 Analytics / Fulfillment - Course Reserves SF: 00455990 00530296**

Some Analytics data was missing from the Course Reserves Subject Area/Citation Metadata Details for migrated items. This was fixed.

- **April 2019 Analytics / Fulfillment - Course Reserves SF: 00569766**  
The file name of a digital representation did not appear in Analytics. This was fixed, and now Citation Digital Files Name, Citation Digital Files Date Added, and Citation Representation URL are updated when the citation is related to a digital representation.
- **April 2019 Analytics / Fulfillment - Course Reserves SF: 00588748**  
In Analytics, in the Leganto Student Usage subject area, when Usage Level was not equal to Citation, student type displayed ALL in the report. This was fixed, and now when Usage Level is not equal to Citation, student type is empty.
- **April 2019 Fulfillment - Course Reserves SF: 00654258 00629424 00629476 00632808 00634628 00639177 00640305 00642776 00644246 00644718 00646186 00657188 00658738 00663300**  
Assigned reading lists appeared in the Reading Lists - Unassigned task entry. This was fixed.
- **April 2019 Collaborative Networks / Fulfillment - Course Reserves SF: 00630156**  
There was a problem viewing a citation created in a Network Zone. This was fixed.
- **April 2019 Fulfillment - Course Reserves SF: 00659689 00660766 00661031 00661494 00661851 00662494 00663395**  
On the Edit Citations page, some duplicates appeared. This was fixed.
- **March 2019 Analytics / Fulfillment - Course Reserves SF: 00555633**  
For Leganto customers, when adding a new Analytics object, the Leganto folder could not be selected. This was fixed.
- **March 2019 Fulfillment - Course Reserves, Acquisitions SF: 00431571**  
When creating a purchase request from a citation, the request was not prefilled with the bibliographic metadata. This was fixed.
- **March 2019 Fulfillment - Course Reserves SF: 00637464**  
In some cases, the reading list facets did not display the correct results after selecting the facet. This was fixed.
- **March 2019 Fulfillment - Course Reserves SF: 00629136 00634279**  
An error message appeared on the Edit Reading List screen, in some cases, after a rollover. This was fixed.
- **February 2019 Release Update Fulfillment - Course Reserves**  
The course loading integration profile did not update campuses for an existing course. This was fixed.
- **February 2019 Release Update Fulfillment - Course Reserves**  
A DCS request on a book chapter failed with Invalid ISSN. This was fixed.
- **February 2019 Fulfillment - Course Reserves / Collaborative Networks SF: 00534522 00540034 00542508 00598079 00610314 00633268**  
There were several issues regarding adding citations from other members in a Network Zone. These were fixed.
- **February 2019 Fulfillment - Course Reserves SF: 00589127 00590416 00586659**  
When MMS ID appeared as a column on the Edit Reading List page, selecting the citation title opened the incorrect citation. This was fixed.
- **February 2019 Fulfillment - Course Reserves SF: 00608510**  
In some cases, a reading list with Complete status appeared in the Reading Lists Task List page as Ready for Processing. This was fixed.
- **February 2019 Fulfillment - Course Reserves SF: 00618618 00625146**  
Facets did not appear on the Edit Reading List / Edit Citation pages for certain customers. This was fixed.
- **February 2019 Fulfillment - Course Reserves SF: 00565182**  
1) The Reading List Bulk Update job now properly deletes lists, instead of archiving them. 2) The ability to "assign to" when deleting lists with this job was removed. 3) Archive is now an option when changing the list status when using the job.
- **January 2019 Release Update Fulfillment - Course Reserves SF: 00608349**  
Rollover on an existing course failed when **Keep Course Instructors** was selected. This was fixed.
- **January 2019 Fulfillment - Course Reserves SF: 00565466**  
The size for a value of a parameter when adding a digitization and copyright rule was increased to 4,000 characters.
- **January 2019 Fulfillment - Course Reserves SF: 00564803 00624960**  
When rolling over courses using the course loading integration profile, archived and deleted lists were copied to the new course. This was fixed, and now these lists are not copied to the new course.

- **January 2019 Fulfillment - Course Reserves SF: 00608349**  
The course loading integration profile could not roll over to an existing course. This was fixed.
- **January 2019 Fulfillment - Course Reserves SF: 00582597**  
When adding an electronic book to a reading list in Alma, the book title became the citation chapter title and the platform became the citation book title. This was fixed.
- **January 2019 Fulfillment - Course Reserves SF: 00634038**  
The Process and Enrich Citations job failed on certain citations. This was fixed.