Alma 2019 Release Notes

Search for what you need

Search:  

Showing results for:  Main Features:

Additional Enhancements:  

Release:  

Mar 2019 - General Release

Feb 2019 - All

Jan 2019 - All

Resolved Issues:

Download a PDF of the Release Notes and Resolved Issues

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.

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.
**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).

**Next Release Sneak Preview**

View a list of features that are planned for the Alma April 2019 release.

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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

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**Make the Most of February's Release**

<table>
<thead>
<tr>
<th>Action Items</th>
</tr>
</thead>
<tbody>
<tr>
<td>✖️ 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.</td>
</tr>
<tr>
<td>✖️ 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.</td>
</tr>
<tr>
<td>✖️ 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.</td>
</tr>
<tr>
<td>✖️ 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.</td>
</tr>
</tbody>
</table>

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://www.theslstore.com/blog/apple-microsoft-google-disable-tls-1-0-tls-1-1/](https://www.theslstore.com/blog/apple-microsoft-google-disable-tls-1-0-tls-1-1/)

Note

The Content Operations release notes are now located [here](https://www.exlibrisgroup.com/en/release-notes/content-operations).

Download a PDF of the Release Notes and Resolved Issues

Make the Most of January's Release

<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td><strong>Note Field Added to the Primo Purchase Request</strong> – 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.</td>
</tr>
<tr>
<td><strong>Delete Interested Users in Closed PO Lines</strong> – 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.</td>
</tr>
<tr>
<td><strong>Support Streaming Video and Audio for Alma Viewer</strong> – 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.</td>
</tr>
<tr>
<td><strong>Block File Download</strong> – 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.</td>
</tr>
</tbody>
</table>
### 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://www.thessslstore.com/blog/apple-microsoft-google-disable-tls-1-0-tls-1-1/

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**Main Features**

**DARA – Data Analysis Recommendation Assistant**

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).
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 included. For non-predicted continuous orders, the expected received date can be included.

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 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).
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 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):

![Image of Collection Resource Editor]

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

- 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**.

Enter a delimiter in this field to display metadata with the same label separated by the 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](Image)

- In the MD Editor under the File > New menu:
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](#).

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**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

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

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

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 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

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**.

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**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 (based on the request modification date) will have its status changed to **Deleted**. Deleted requests will not appear in the active and completed task lists.

See **Configuring Fulfillment 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.

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**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.

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.

![Image of Ingest Details](#)

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](#).

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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.

<table>
<thead>
<tr>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>• This enhancement applies to Primo. The functionality will be added for Primo VE in an upcoming release.</td>
</tr>
<tr>
<td>• Availability rules will be available in the March 2019 release.</td>
</tr>
</tbody>
</table>

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](#).

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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.

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 Widget](image)

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

Date of Clone from Production
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.

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.
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.

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](image)

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.

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.

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](#).

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### 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](#).

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### 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](#).

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### 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**.
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.


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 the **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.


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=<institutionCode>&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:

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

See [Ex Libris Identity Service](https://www.exlibrisgroup.com).
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).

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).

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.

Additional Enhancements

- **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 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: 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](#).
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 list 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 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](image)

• **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](image)

  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):

<table>
<thead>
<tr>
<th>Letter</th>
<th>Search</th>
<th>Sort</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ñ/n</td>
<td>Searching for Ñ/n does not retrieve results for N/n and the reverse.</td>
<td>Sorted after n.</td>
</tr>
<tr>
<td>Ç/c</td>
<td>Searching for Ç/c does not retrieve results of C/c and the reverse.</td>
<td>Sorted after c.</td>
</tr>
<tr>
<td>L-L/l/l</td>
<td>Searched for as if it were the digraph ll.</td>
<td>Sorted as ll.</td>
</tr>
</tbody>
</table>

**Note**
Alma's handling of special characters is relevant for searching in the institution zone only.

• **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 abknps, 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.

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.

• **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](image)

• **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](#).
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.

You can now delete any alert directly from the Alerts tab on the Edit Reading List or Edit Citations pages.

Resolved Issues

- **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 00616394 00613713 00617391 00627647
  Creating a report from an Analytics set did not work properly. 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 Acquisitions** SF: 00557743 00587803 00623224 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 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 00558002 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: 00553506 00314220
  The PO lines template drop-down list was not sorted in alphabetical order. This was fixed.

- **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 Administration and Infrastructure** 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 Administration and Infrastructure** SF: 00584311
  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: 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: 00627600
  Viewing files in the Attachment tab sometime displayed an error message. This was fixed.

• **March 2019 Administration and Infrastructure** SF: 00502442 00538811
  Values with dots used in mapping tables (for example, statistical categories types) were not displayed correctly. This
  was fixed.

• **March 2019 Administration and Infrastructure** 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 Administration and Infrastructure** SF: 00617241
  An invalid response was created when the RSS feed returned 0 results. This was fixed.

• **March 2019 Administration and Infrastructure** SF: 00563992
  The Max days option in the RSS publishing profile was ignored by the RSS job. This was fixed.

• **March 2019 Administration and Infrastructure** SF: 00601759
  For publishing to Primo, heading enrichment information was published incorrectly in some cases. This was fixed.

Ex Libris, a ProQuest Company
• **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: 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 Fulfillment** SF: 00600506 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, 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 / Acquisitions 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 / Acquisitions SF: 00636626 00635258
  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
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 00568115 00578036 00591885 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: 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: 00595795
  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: 00606794
  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: 00617399 00582048
  Searching electronic collections by library name did not work correctly. This search option was disabled.

• **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
  Ex Libris, a ProQuest Company

• **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** SF: 00618374 00517356 00632516 00513198
  When using normalization rules during a normalization process, if the record content was not changed, the modification was not made. This was fixed.

Ex Libris, a ProQuest Company
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 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 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
In the ResourceSharingShippingSlipLetter, the group qualifier was not populated. This was fixed.

**February 2019 Fulfillment - Resource Sharing** SF: 00583785
If 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: 00538722 00554139 00562037 00623158 00624752 00630726
  An itemized set of users could not be created from an Alma Analytics report. 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.
Holdings records were not displayed in the correct sort order in the repository search. This was corrected.

Items on loan were erroneously deleted. This was fixed.

Items shipped for a resource sharing request could be deleted. This was fixed.

An error message appeared when relinking an item associated with a closed PO line. This was fixed.

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.

Portfolios could not be moved from one collection to another. This was fixed.

The Identifier column in the Community Zone Updates Task List included only ISSNs from the 776$x field. This was fixed.

There was an error when editing a standalone portfolio linked to the Community Zone. This was fixed.

For some electronic collections, an error appeared when trying to open the Edit Collection > General tab. This was fixed.

Information in serial and monograph collections was switched by the Upload Electronic Holdings job. This was fixed.

An error sometimes appeared when running a publishing profile. This was fixed.

When publishing to Primo, the $$2 GND subfield was erroneously added to some fields. This was fixed.

A deleted portfolio appeared in a Summon holdings file. This was fixed.

Sorting community results by contributing institution caused errors. This was fixed.

The Summon publishing job enriched records with See Also headings even though this check box was not selected in the profile. This was fixed.

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.

Bibliographic records for print serials did not appear in Alma. This was fixed.

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.

When editing field 260 $$a in the MD Editor, the pop-up displayed incorrect information. This was fixed.

The results for Browse Shelf Listing and Browse Bib Headings were not sorted. This was fixed.

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.

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** 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.
• **March 2019 Fulfillment - Course Reserves** 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.