
Primo VE 2019 Release Notes



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Note

The May and October releases are maintenance-only releases.

Upcoming Issue to Note

For those institutions that have an additional Alma or Primo VE Premium Sandbox environment that was allocated as part of the transition to the new Premium Sandbox Policy, please note that this additional environment will be deactivated as planned as part the upcoming January 2020 release. Your primary Premium Sandbox environment will remain active and will be refreshed as planned in February 2020 as part of the semi-annual sandbox refresh. For more details see [here](#).

January Sneak Peek

- Voice Search Assistant – Allow researchers to use speech to conduct a search in Primo VE.
- Item Level Support of General Electronic Services – Support General Electronic Services at the item level in the Get It section of the Full Display page.

December Sneak Peek

- Full-text indexing for Alma-D items - Full-text indexing will be enabled automatically for Alma-D items, allowing indexing of PDFs, text files, and OCR images.
- Include Electronic Materials in Virtual Browse – Allows institutions to configure virtual browse based on bibliographic call number or holdings call number.
- Sitemap tool – A new sitemap creation job will allow you to expose institutional materials to Google and other search engines .

November Sneak Peek

- Browse journals by category - Allow users to browse journals according to categories.
- Short Permalinks for Records – Generate shortened permalinks for records to support the use of other tools (such as text messaging and other services).

- Multi-Lingual Support - Support display and facets for multilingual authority and metadata.

September Sneak Peek

- Results Ranking Configuration
- Blank Patron Purchase Request Form
- Discovery in Context: Show More Items from the Same Course or Collection
- Consortia Union View

August Sneak Peek

- Support the normalization of local search and facet fields for UNIMARC records.
- Display reason for non-renewable loans in My Library (NERS 5493).
- Add Online Payment link to My Library Card.

July Sneak Peek

- Support Additional Browse Call Numbers – Allows you to enable the following new call number types: NLM, UDC and Shelving Control Number in Browse Search.
- Test Tool for Normalization Rules – Provides a tool to test the normalization rules of local search and facet fields.
- Configure Loans Display in My Library Card – Allows you to configure the brief and full display fields for loan items in My Library Card.

June Sneak Peek

Because the May release is a maintenance-only release, the next release will be in June.

- Normalization for search and facet – ability to create local facet or search field from any bibliographic field using the drools.
- Consortium – Create Custom Search Scopes for Other Institutions Based on Availability.
- Support Locations Ordering Profile configuration in Get It.

April Sneak Peek

- Add the ability to search inside the collection – Users will be able to navigate and discover items within a collection using a new search option.
- Utilize LDR and MARC Fixed Fields (006, 007, and 008) in Local Resource Type Configuration - Allow the use of regular expressions in local resource type configuration.

- Display item requestability and loan availability – In the resource sharing request form, display an indication if the institution has an available copy of an item that the user can request.

March Sneak Peek

- Enhance Visualization in Collection Discovery – Support the selection of up to four high quality images per collection coming from Alma.
- Reference Entry – Provide Users with an immediate topic overview for short topic searches.
- Merging Locations That Are Associated with a Single Library and Have the Same Name

February Sneak Peek

- Integration with Leganto - Allow users to navigate from the Full Display page in Primo VE to Leganto's reading list.
- Normalization of Display and Local Fields for UNIMARC – Allows you to define normalization rules for UNIMARC records to adjust the display of the out-of-the-box display and local fields.
- Data source facet – The new 'Data source' facet will allow users to filter their results list by a specific external data source.
- Adding a new option to allow users to browse by series.

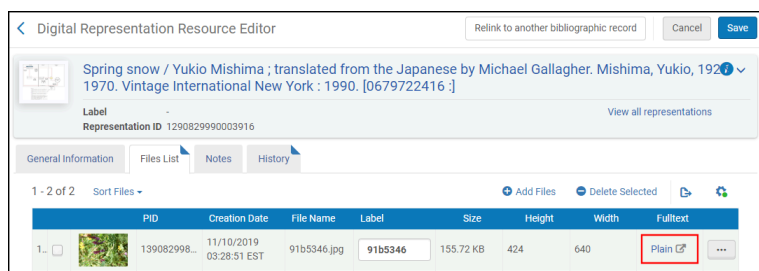
Features

Support Full Text Indexing of Alma Digital Resources

December 2019

This enhancement allows you to index full text that has been added as content to Alma digital representations so that users can find digital records based on this information. Primo VE will index up to 10,000 words, excluding stop words.

For example, if the following record in Alma:



Digital Representation in Alma with Full Text

Contains the following full text:

Spring Snow is a novel by Yukio Mishima, the first in his Sea of Fertility tetralogy. It was published serially in Shinchō from 1965 to 1967, and then in book form in 1969. Mishima did extensive research, including visits to Enshō-ji in Nara, to

prepare for the novel.

Users can perform a search in Primo VE that includes text from the above full text file (such as "Sea of Fertility tetralogy"):

Configuration Options

No configuration is necessary, but changes to full text may take a few minutes to take effect. Primo VE will automatically index full text that has been attached to Alma digital representations.

Support Deep Search of Other Primo VE Institutions

December 2019

This enhancement allows you to create deep search scopes so that users can search the catalogs of other Primo VE institutions that have provided access to your institution. When a remote scope is searched, the local institution will send a query to the remote institution so that its results can be displayed to users as part of their search results.

Note

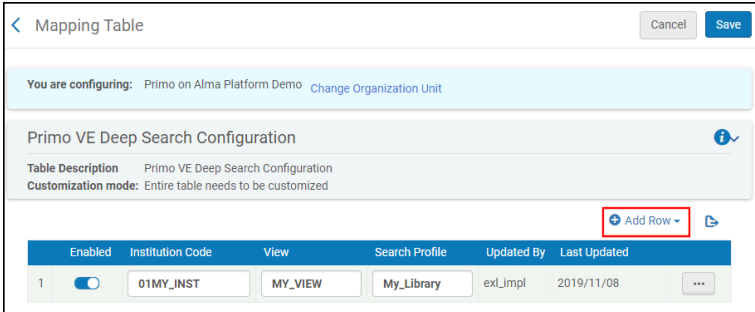
In the first phase of this feature, the information retrieved from the remote institution includes the bibliographic records but does not include the remote institution's availability information. The searching institution will retrieve the records within its own interface and offer its own fulfillment options, such as ILL requests, where relevant. The availability indicator will display as **Check Holdings** in the Brief Results page for records retrieved from remote institutions. When users open the record's full display, the availability and services are calculated for their institution.

Configuration Options

The configuration of this functionality requires set up in both the local and remote institutions.

Remote Environment Configuration

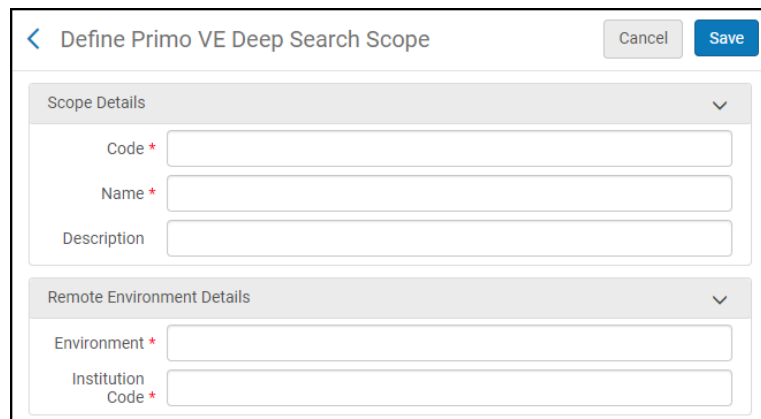
The remote institution must configure access to any institution to which it wants to provide access to its catalog. The new Primo VE Deep Search Configuration mapping table allows you to configure which of your views and search profiles other institutions can search. For more information, see [Configuring Deep Search in a Remote Primo VE Institution](#).



Primo VE Deep Search Configuration

Local Environment Configuration

The new Define Primo VE Deep Search Scope page allows you to add deep search scopes for views and search scopes from other Primo VE institutions. After you have created a deep search scope, you must add it to a search profile or a search profile slot that your view uses. For more information, see [Defining a Scope for a Third-Party Index](#).

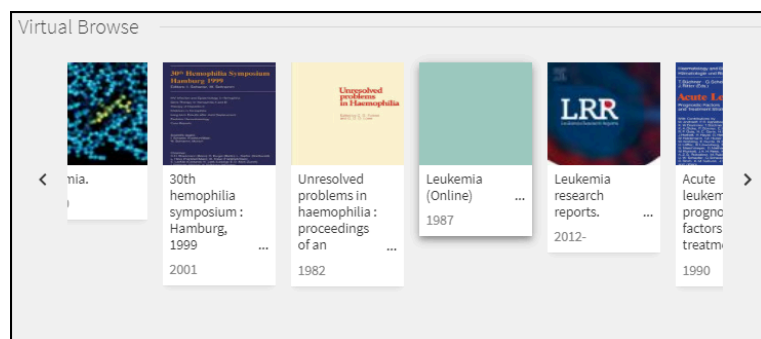


Define Primo VE Deep Search Scope Page

Enhanced Virtual Browse to Include Electronic Materials

December 2019

This enhancement allows you to display electronic material in Virtual Browse, which currently displays physical items that appear together on a virtual bookshelf. To support this functionality, Browse Search will allow you to include call numbers from bibliographic headings, not just holdings.



Virtual Browse in Primo VE

Note

When this functionality is enabled, the Virtual Browse section will also display for electronic records on the Full Display page.

Configuration Options

For existing customers, this functionality is disabled by default. To enable this functionality, select the **Browse Bibliographic Heading** check box in the new Browse Shelf Configuration dialog box, which is accessed from the Full Record Services tab in View Configuration. For more details, see [Configuring the Browse Shelf Service](#).



Browse Shelf Configuration Dialog Box

Note

Both of the above options are new, but the **Browse Shelf Listing** displays only physical items in Virtual Browse.

Sitemap Tool

December 2019

This enhancement allows you to expose your library's unique materials to search engines (such as Google) so that users are directed back your Primo VE interface. Sitemap files allow Web crawling tools (such as Google) to find Primo records that are dynamic (as a result of search queries) and to index them. The Primo Sitemap tool externalizes these links for indexing by generating site map files for each Primo view, which includes one or more of its search scopes. You can define up to three sitemap files that allow you create back links to different views or domain names within your Primo VE environment.

Configuration Options

The following publishing jobs have been added to allow you to generate up to three sitemap files, which allow search engines (such as Google) to index dynamic links to records in a specified view and search profile (For more information, see [Configuring Sitemap Files for Primo VE.](#)):

- Publish Primo VE records to Google – I
- Publish Primo VE records to Google – II
- Publish Primo VE records to Google – III

Publishing Profiles

Institution: Community

1 - 10 of 11

Publishing Profile Type: Built-in Profiles

Active	Name	Description
<input checked="" type="checkbox"/>	Publish bibliographic record (DataSync) to OCLC	Synchronize your local catalog with WorldCat
<input checked="" type="checkbox"/>	Publish bibliographic records to Primo	Setup the parameters for publishing bibliographic records to Primo
<input type="checkbox"/>	Publish electronic records to Central Discovery Index	Publish electronic records to Central Discovery Index
<input checked="" type="checkbox"/>	Publish electronic records to Google Scholar	Publish electronic records to Google Scholar
<input checked="" type="checkbox"/>	Publish electronic record to PubMed	Synchronize electronic records with PubMed
<input checked="" type="checkbox"/>	Publish holdings to Libraries Australia	Upload Holdings to Libraries Australia
<input type="checkbox"/>	Publish Primo VE records to Google - I	Publish Primo VE records to Google - I
<input type="checkbox"/>	Publish Primo VE records to Google - II	Publish Primo VE records to Google - II
<input type="checkbox"/>	Publish Primo VE records to Google - III	Publish Primo VE records to Google - III
<input type="checkbox"/>	Publish researchers profiles to Google	Publish researchers profiles to Google

Publishing Profiles Page

Change RefWorks Icon

December 2019

The icon used for the export to RefWorks action has been modified.



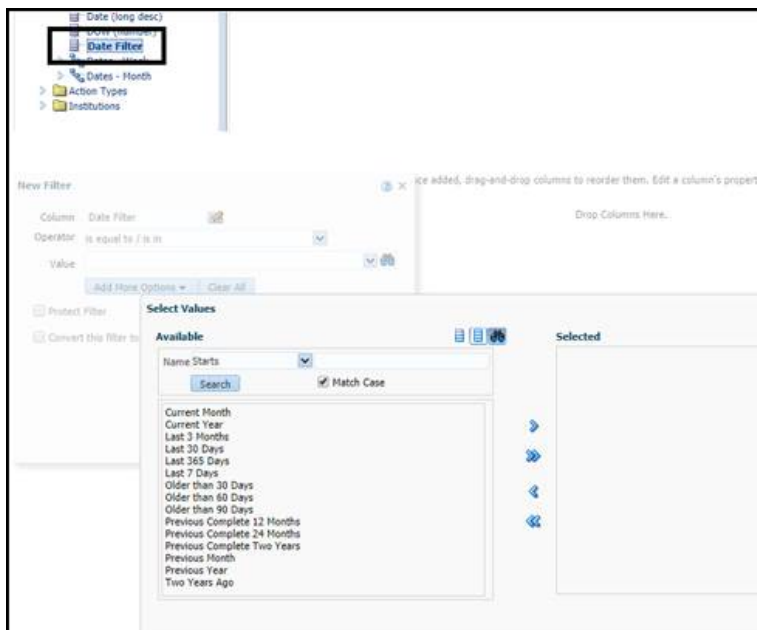
New RefWorks Icon

Ongoing Primo Analytics Improvements (December)

December 2019

As part of our ongoing improvements, the changes were made to Primo VE Analytics:

- Added the ability to see date and time that Primo Analytics data was updated or made available. For more details, see [Adding the Data Availability or Data Updated Timestamp to a Report Header](#).
- Added the **Date Filter** parameter to the Date dimension in all Primo subject areas. This new filter will allow you to see the data from the last <x> number of days, months, or years.



Date Filter

Ongoing Performance Improvements (December)

December 2019

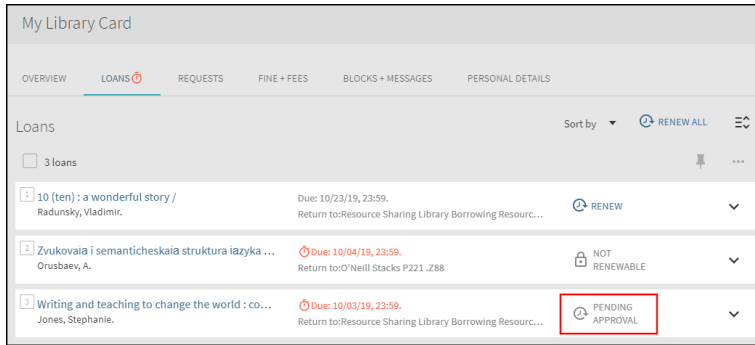
As with previous releases, we continually improve the performance of Primo VE's search response. With this release, we improved the flow of the Services page (as we did with the Full Display page) by displaying the record's relevant metadata before all services have been calculated by Alma so that users do not have to look at a blank Services page while Alma calculates and displays all of the services that are available for the record.

Improved Loan Renewal Messages

December 2019

The following codes were added to the Loans List Labels code table to improve the messages displayed in My Library Card during the Resource Sharing loan renewal process:

- default.loans.renewed.P – The “Pending approval” message appears after selecting the Renew button.
- default.loans.pendingApproval – The “Pending approval” message appears if there are loans pending renewal when the Loans tab is opened.
- default.loans.renew.pendingApproval – The “‘{0}’ renewal is pending approval.” message in the yellow pop-up message when renewing a loan.
- default.loans.renewselected.pending.fetchall – The “Selected loans are pending approval.” message appears in the yellow pop-up message if all selected loans are pending approval.
- default.loans.renewall.pending.fetchall – The “All loans are pending approval.” message appears in the yellow pop-up message if all loans are pending approval.



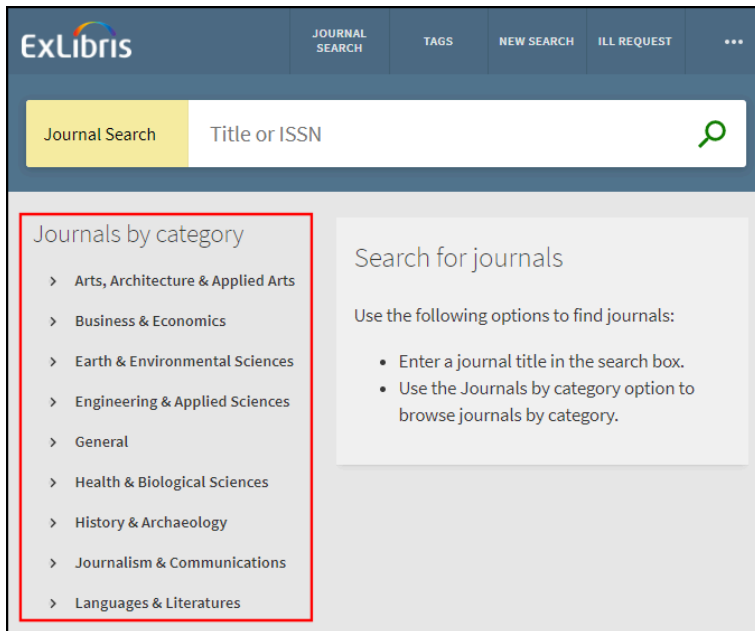
Pending Approval Example

Browse Journals by Category

November 2019

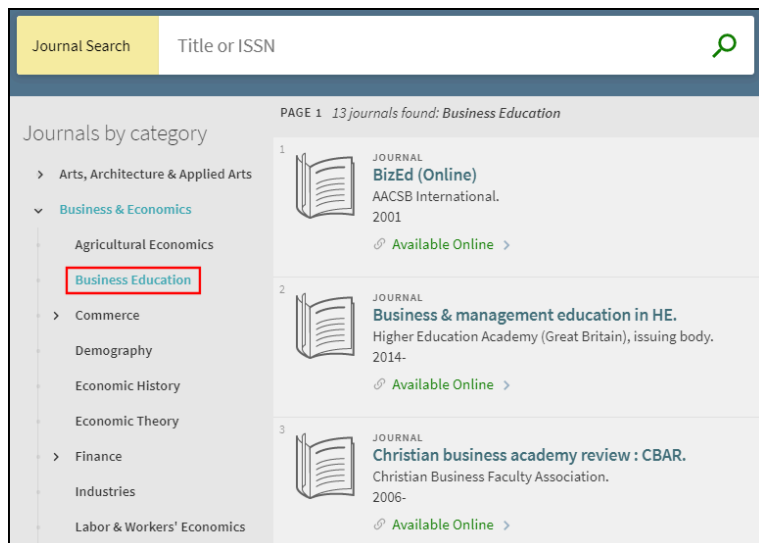
This enhancement allows users to browse for journals by selecting specific categories/subcategories listed in the Journals by Category section of the Journal Search page. The categories are populated using the mapping of the journal LCC numbers to a three-level hierarchy adapted from Columbia's Hierarchical Interface to LC Classification ([HILCC](#)).

The new Creates Journal Categories File job will run daily to update and index the categories for all journals in your institution that have holdings and an LCC number defined in the MARC21 050 \$a field. For example, if a record's LCC number is **QR6**, this job will map the record to the following hierarchical category defined in the HILCC: **Health & Biological Sciences > Biology > Microbiology & Immunology**.



Journals by Category Section in Journal Search

The following example returns 13 journals under the **Business Education** subcategory:



Browse by Category Results

Configuration Options

This functionality is enabled by default, but you can disable it at the view level. The following table lists the settings used to configure this functionality.

Element	Description
View Configuration (Configuration Menu > Discovery > Display Configuration > Configure Views)	(New) Clearing the Display Category Browse check box on the JournalSearch > Edit Menu Link page prevents the categories from appearing on the Journal Search page.
Journal Search Labels code table (Configuration Menu > Discovery > Display Configuration > Labels)	The following codes were added to support the display labels for this functionality: <ul style="list-style-type: none"> <code>nui.journalsearch.category.option3</code>: Use the Journals by category option to browse journals by category. <code>nui.journalsearch.category.title</code>: Journals by category <code>nui.journalsearch.category.result</code>: journals found:
Journal Search Category Labels code table (Configuration Menu > Discovery > Display Configuration > Labels)	(New) This table allows you to customize and translate the display labels for the categories/subcategories in Journal Search. For example, the following code defines the label for the Microbiology & Immunology third-level subcategory: <pre>nui.journalsearch.category.lvl3.Microbiology_Immunology: Microbiology & Immunology</pre>
Monitor Jobs > Scheduled (Admin Menu > Manage Jobs and Sets > Monitor Jobs)	The new Creates Journal Categories File job runs once daily to create/update the categories/subcategories that appear in Journal Search. The system creates a maximum of three category levels. For all journals that have an LCC number in the MARC21 050 \$a field, this job creates the categories/subcategories using Columbia's Hierarchical Interface to LC Classification (HILCC).

Element	Description
	For more details, see https://www1.columbia.edu/sec/cu/libraries/bts/hilcc/ .

Primo VE Analytics Widget on Alma Dashboard

November 2019

This enhancement allows you to create a widget for a Primo VE Analytics report, which can then be added to the Alma home page.

Welcome, Staff, Ex Libris | Tuesday, September 24, 2019

Recent Pages > Analytics Objects List > Design Analytics > Create Invoice

Analytics Analytics Acquisitions

Action usage

Open in a new window

Action Group	Action	Jun 2018	Jul 2018	Aug 2018	Sep 2018	Oct 2018	Nov 2018	Dec 2018	Jan 2019	Feb 2019
Document	Display	102	186	101,435	76,606	59,044	62,099	32,237	31,514	46,976
	full record									
	Click on availability statement	23	39	13,610	28,666	29,719	26,897	16,851	18,251	23,923
	Services Menu	18	11	2,619	4,645	4,443	3,673	1,813	2,897	3,511
	Citation	3	2	468	3,342	5,086	6,259	3,642	803	3,481
	Save to eShelf	7	2	1,077	2,348	2,545	2,989	916	1,291	2,306
	Lateral Linking - Subject	3		565	1,556	1,049	367	243	174	1,606
	Print	2		623	858	776	624	439	646	593
	Display	7	8	1,054	1,349	294	17	12	29	981

Notifications

2011-2012
Welcome to Alma!

Primo VE Analytics Widget on Alma Home Page

Configuration Options

To support this functionality, the **Widget** option has been added to the **Type** field on the Primo Analytics Object page (**Analytics > Analytics Objects > Analytics Objects List > Add New Analytics Object > Add New Primo Analytics Object**). For more information, see [Configuring Analytics Objects](#).

Primo Analytics Object

Cancel Save

Type -

General Information

Title * New Primo Widget

Analytic Folder * Primo/Usage/Reports

Name * Action Usage example

Type * **Widget**

Description Display Action Usage Example

New Widget Type on Primo Analytics Object Page

Applying Actions in Bulk in Brief Results

November 2019

With this enhancement, users can now select multiple items on the Brief Results page and perform the following operations in bulk.

- Apply export actions (such as print, email, and export to RefWorks).
- Save to My Favorites by selecting the Pin icon that appears above the list of records. In addition, signed-in users are permitted to apply a new or existing label to the items.

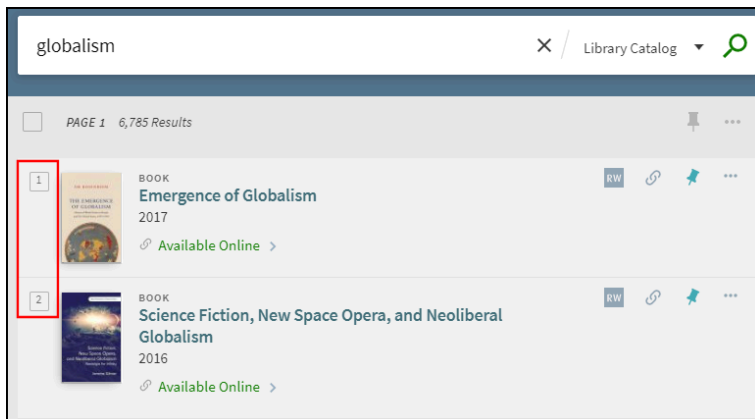
Note

- The number of selections is limited to a maximum of 50 items at a time. If this limit is reached, users are prompted to edit their selections.
- For mobile devices, this feature will be supported in the February release.

Selecting Items

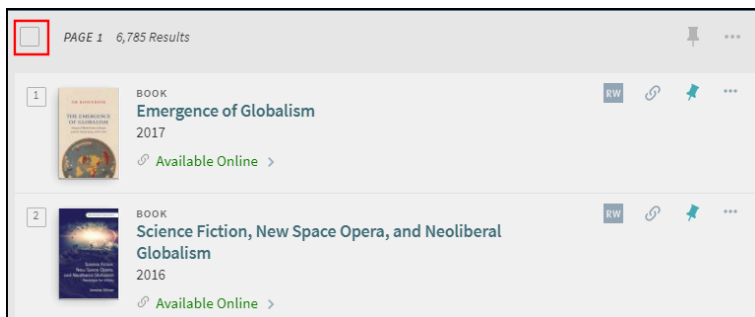
On the Brief Results page, you can use the following methods to select items for bulk application of actions:

- **Individual Selection** – Select the check box that appears next to each item in the list. As records are added to the page, the number of selected records appears above the results. You can load more results to the page to allow the selection of more records.



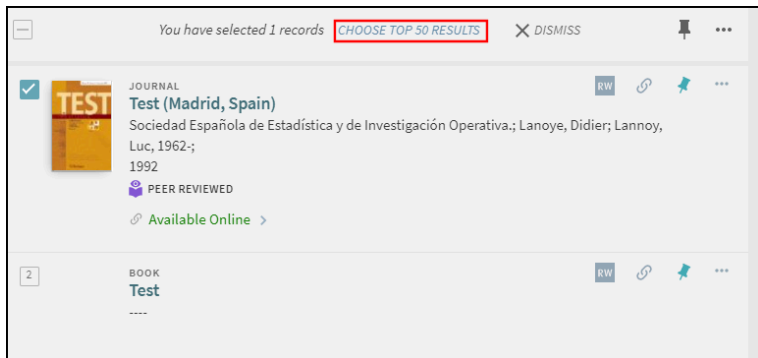
Adding Item Selections Individually

- **Page Selection** – Select the check box that appears above the entire list to select all items on the page. You can load more results to the page to allow the selection of more records.



Select All Check Box

- **Top 50 Selection** – Select an item or all items, and then select **Choose Top 50 Results** to select the first 50 records in the results list.



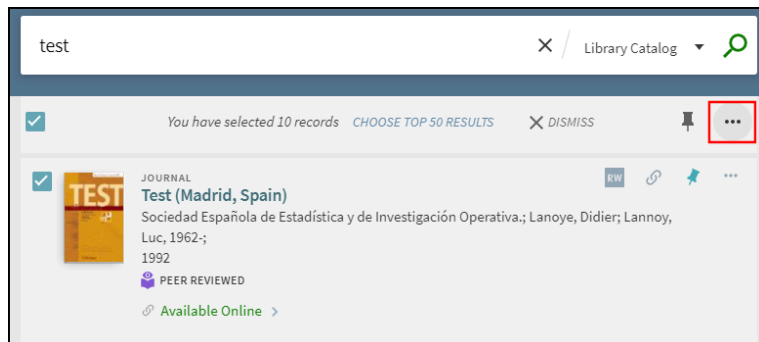
Top 50 Selection

Note

The number of selections is limited to a maximum of 50 items at a time. If this limit is reached, users are prompted to edit their selections.

Applying Actions in Bulk

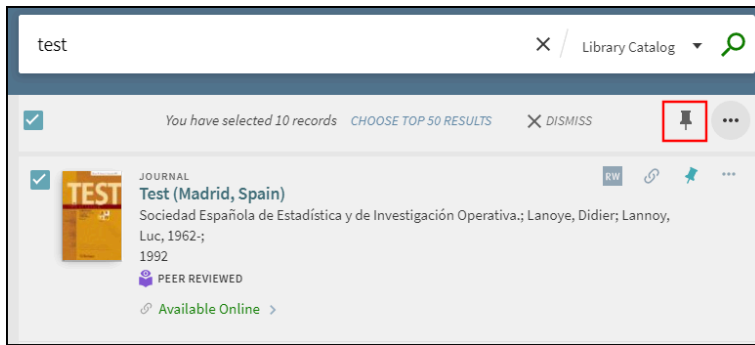
After you have selected one or more items, select the Actions link that appears above the list of results to display the available export actions. Selecting an export action, will apply that action to all selected records.



Display Available Actions

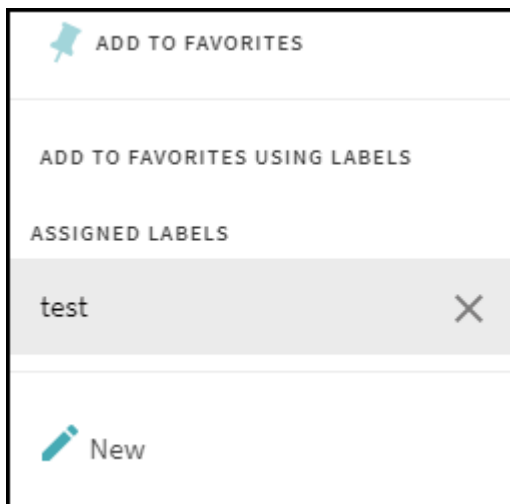
Saving to My Favorites

After you have selected one or more items, select the Pin icon that appears above the list of results to save all selected items to My Favorites.



Save to My Library Card in Bulk

For signed-in users, the Save to My Favorites dialog box will open to users to apply no label, and existing label, or a new label to all selected records.



Save to My Favorites Dialog Box (Signed-in Users Only)

Configuration Options

No configuration is necessary to enable this functionality, but you can customize and translate the associated labels listed in the following table.

Element	Description
Results Tile Labels code table	<p>The following codes were added to support the labels for this functionality:</p> <ul style="list-style-type: none"> nui.brief.bulk.addToFavorites: Add to favorites nui.brief.bulk.chooseTopMaxResults: Choose top {0} results nui.brief.bulk.chooseLimit: Please edit your selection to include no more than 50 records nui.brief.bulk.addToFavoritesUsingLabels: Add to favorites using labels nui.brief.bulk.numberOfSelectedRecords: You have selected {0} records
Aria Labels code table	<p>The following codes were added to support the labels for this functionality:</p>

Element	Description
	<ul style="list-style-type: none"> nui.aria.bulk.addToFavoritesSignedIn: Add to favorites or add to favorites using labels nui.aria.bulk.addToFavoritesSignedInDisabled: Add to favorites or add to favorites using labels - Disabled nui.aria.bulk.topCheckbox: Select all displayed records nui.aria.bulk.unselectAll: Unselect all records nui.aria.bulk.chooseTop: Choose top {{max}} results nui.aria.bulk.pin: Add selected items to Favorites nui.aria.bulk.pinDisabled: Add selected items to Favorites - Disabled

Analytics - Records Bulk

The following actions were added to the Action Usage subject area:

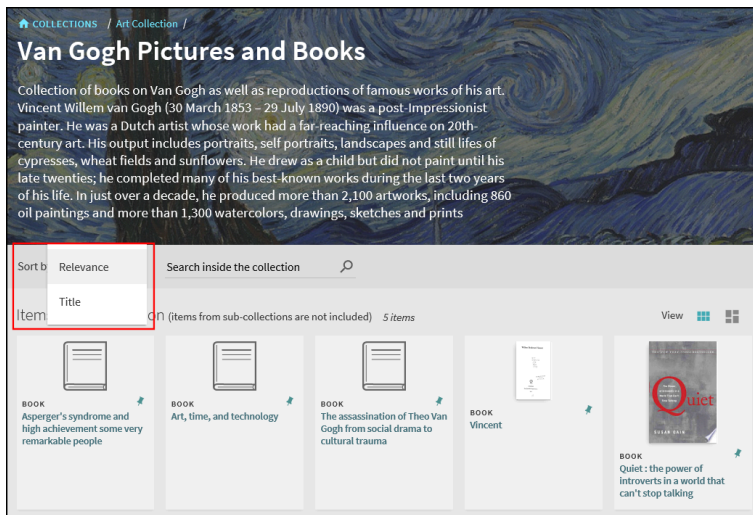
Group	Subgroup	Action	Description
Results List	Records Bulk	Select top records	User clicked on "choose top <max> results"
		Select displayed records	User clicked on the top checkbox to select all displayed records
		Unselect all records	User unselected all records
		Select a single record	User checked a single record
		Unselect a single record	User unchecked a single record
		Add bulk of records to favorites	Clicked on "Add to favorites" for bulk of records (from the top action bar)
		Send bulk of records to Mendeley	User sent bulk of records to Mendeley
		Send bulk of records to Reading List	User sent bulk of records to Reading List
		Export bulk of records to Bibtex	User exported bulk of records to Bibtex

Group	Subgroup	Action	Description
		Export bulk of records to RIS	User exported bulk of records to RIS
		Send bulk of records to Refworks	User sent bulk of records to Refworks
		Send bulk of records to Endnote	User sent bulk of records to Endnote
		Send bulk of records to Easybib	User sent bulk of records to Easybib
		Send bulk of records to Print	User sent bulk of records to Print
		Send bulk of records to Email	User sent bulk of records to Email

Sort in Collection Discovery

November 2019

This enhancement adds the **Sort by** drop-down list to every Collections page to allow users to sort the collection's items by relevance or title. By default, the items are sorted by relevance.



Collections Page - New Sort By Option

Configuration Options

No configuration is necessary to enable this functionality, but you can modify the following codes to customize and translate any associated display labels in the Collection Discovery Labels code table:

- `nui.colldiscovery.sort.relevance`: **Relevance**

- nui.colldiscovery.sort.title: **Title**
- nui.colldiscovery.sortby: **Sort by**

Support Display and Facet for Multilingual Bib Metadata

November 2019

For records that contain multilingual content, this enhancement allows you to display a field's terms based on the user's preferred language. Previously, the system displayed terms for all languages in the facets and the record's details.

For example, if the following Subject fields are defined in the catalog:

650	_ a Molecular Genetics 0 (DE-588)12345
	_ a Génétique moléculaire 0 (RERO)56789
	_ a Genetica molecolare 0 (Sbt)45678
650	_0 a Cytology.
650	_0 a Molecular biology.

Prior to this enhancement, the system displayed all Subjects, regardless of the UI's language setting:

The screenshot shows two side-by-side views of a record for 'Molecular biology of the cell, 5th edition. Extended version' by Bruce Alberts. On the left, the 'French Interface (Details)' shows the subject field with three terms: 'Génétique moléculaire', 'Genetica molecolare', and 'Molecular Genetics'. On the right, the 'German Interface (Facets)' shows a list of subject terms including 'Cytologie', 'Biochemie', 'Biologie', 'Celluläre Biologie', 'Genetica Molecolare', 'Génétique moléculaire', 'Internal Medicine', 'Life Sciences', 'Molecular Biology', and 'Molecular Genetics'.

With the enhancement enabled, the system will display only the relevant Subjects:

The screenshot shows the same record as above but with the enhancement enabled. In the 'French Interface (Details)', only 'Génétique moléculaire' is displayed. In the 'German Interface (Facets)', only 'Molecular Genetics' is displayed, indicating that the system now filters subject terms based on the user's language preference.

Note

Currently, this functionality supports terms for Creator, Contributor, and Subject fields only.

Configuration Options

The Multi-Lingual Configuration page ([Configuration Menu > Discovery > Display Configuration > Multi-Lingual Configuration](#)) has been added to configure the rules needed to mark the terms in the Subject, Creator, and Contributor fields with a language-specific identifier so that Primo VE can display only the terms associated with the user's preferred language. For more details, see [Multi-Lingual Configuration in Primo VE](#).



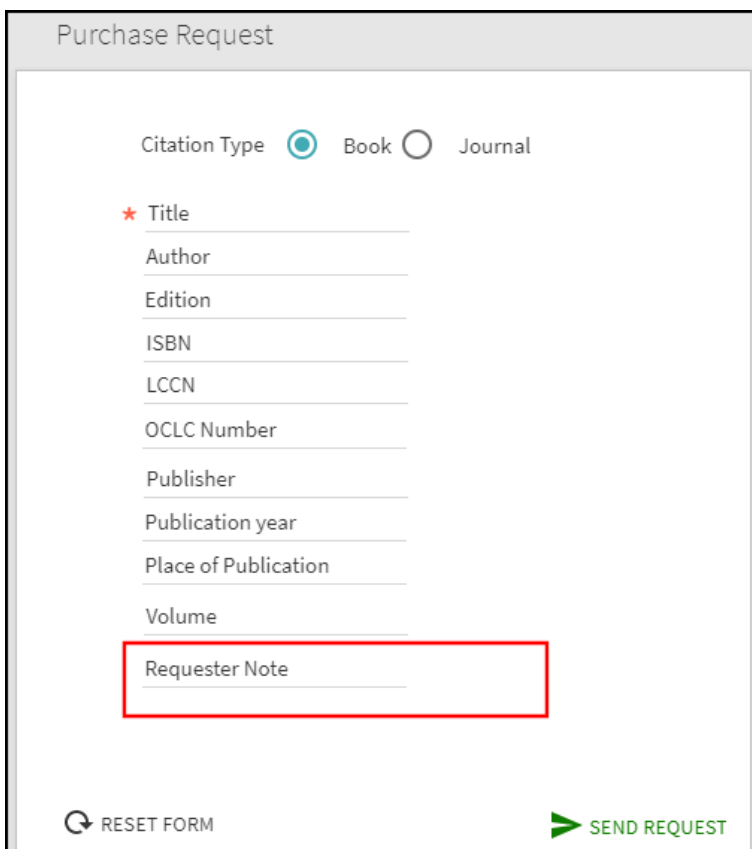
Field	Enable for Display	Enable for Facet	Updated by	Updated date
1 Subject	true	false	admin1	2019/10/11 22:29:23 EDT

Multi-Lingual Configuration Page

New Requester Note Field on Purchase Request Form

November 2019

This enhancement allows you to add a Requester Note field to the Patron Purchase Request form, which will allow the user to specify additional information regarding the requested item.



Purchase Request

Citation Type Book Journal

* Title

Author

Edition

ISBN

LCCN

OCLC Number

Publisher

Publication year

Place of Publication

Volume

Requester Note

RESET FORM

Patron Purchase Request Form

Configuration Options

This field is disabled by default. The following table lists the settings used to configure this functionality.

Element	Description
Purchase Request Optional Parameters mapping table (Configuration Menu > Discovery > GetIt Configuration > Purchase Request)	(New) The RequesterNotes field allows you to enable/disable the field on the form in Primo VE. Select Yes from the Display to Public drop-down list to enable this field.
Purchase Request Labels code table	The following code was added to support the display label for the Requester Note field: almaPurchaseRequest.requesterNotes: Requester Note

Define Metadata Subfields to Translate for Display and Facets

November 2019

The **Use Translations** option on the Define a Local Field page ([Configuration Menu > Discovery > Display Configuration > Manage Display and Local Fields](#)) has been enhanced to allow translations based on specific subfield values instead of the union of all subfield values for local display and facet fields.

Previously, if a source record included the MARC field **541 \$aLAN \$bINT \$cBIO**, all subfield values "LAN INT BIO" were merged and used to match a single value in the Local Field Translate code table. With this enhancement, you can define specific subfield values to use and translate (such as "INT BIO").

Define a Local Field Page

Configuration Options

The enhanced version of the **Use Translations** option requires you to update your drools routines to include the new **append translation** command. In the following example, the union of the values only from subfields \$b and \$c will be compared against the Local Field Translate code table to return a translation:

```
rule "Primo VE - Lds02"
  when
    MARC."541" has any "a,b,c"
  then
    create pnx."display"."lds02" with MARC "541"subfields "a,b,c" append
translation "b,c"
```

end

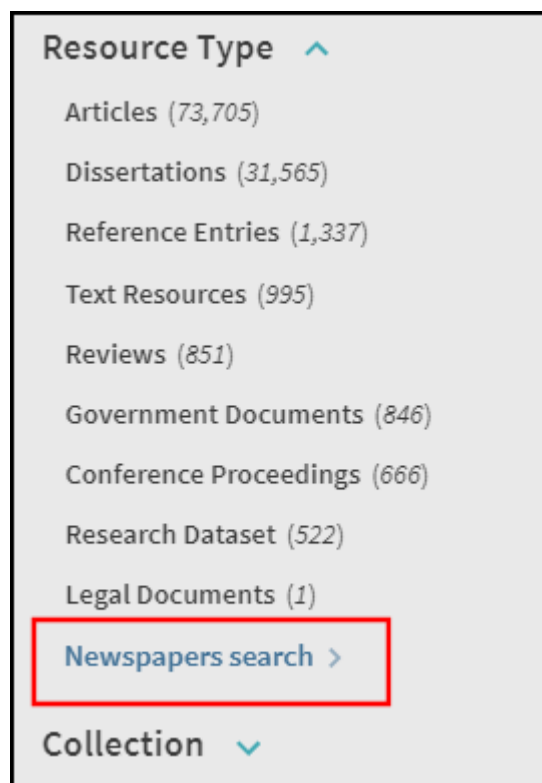
Note

- If the local field does not support drools routines for search/facets (only display), the append translation mapping for display fields will also apply to facets if the **Enable field for facet** field is selected.
- If the local field supports drools routines for both display and search/facets, make sure that you add the **append translation** command to the drools routines for both display and search/facets to enable the enhanced subfield mapping.

Improved Appearance of Newspaper Search Links

November 2019

Per customer feedback, the Newspaper Search link under the Resource Type facet has been moved to the bottom of the list and aligned with the other facet values to improve its appearance and usability:



Newspaper Search Link under Resource Type

Optimized the New Records Facet

November 2019

Performance improvements were made to the facets area by optimizing the calculation of the New Records facet. As part of this optimization, the counters for the New Records facet will no longer display.

In addition, the New Records facet is now supported in consortia environments.

Short Permalinks for Records (NERS 5845)

November 2019

Customers have indicated that our permalinks for records are too lengthy and are not easily sent to users, especially when sending text messages using a service such as Ask Us!. With this feature, the Send To action Permalink, which appears on both the Brief and Full Display pages, will now create a shortened URL that includes the institution code, record ID, and a key:

```
<Primo Domain>/permalink/<institution_code>/<key>/<record_ID>
```

When the shortened URL is entered in a browser, Primo will convert the URL to its full URL and display the record's full details.

- Short format –

```
https://inst.primo.exlibrisgroup.com/permalink/11INST_INST/12345/alma991004075889705106
```

- Long format –

```
https://inst.primo.exlibrisgroup.com/discovery/  
fulldisplay?docid=alma991004075889705106&context=L&vid=11INST_INST:inst&search_scope=MyInstitu
```

Configuration Options

This enhancement is enabled by default. If you would like to revert to the long format, add the following CSS code to your customization package:

```
.__xs prm-permalink .layout-column>.long-permalink, prm-permalink .layout-column>.long-  
permalink {  
    display: inherit; }  
  
.__xs prm-permalink .layout-column>.short-permalink, prm-permalink .layout-  
column>.short-permalink {  
    display: none; }
```

Support Linking to Infobase Video Collections

November 2019

This enhancement allows users to stream video collections from Infobase. To support this functionality, the following parameter has been added to the Customer Discovery Settings page (**Configuration Menu > Discovery > Other > Customer Settings**):

Parameter	Linking Template
infobase_linking	http://avod.infobase.com/PortalPlaylists.aspx?wID=XXXX&xtid={{control/sourcerecordid}}

Parameter	Linking Template
	<hr/> <p>Note</p> <p>Each institution is responsible for populating the XXXX value as assigned for them by the vendor.</p> <hr/>

Transport Layer Security (TLS) Support

November 2019

TLS is a cryptographic protocol that provides authentication and data encryption between different endpoints (for example, the user's desktop and the application server). Various vulnerabilities (such as POODLE and DROWN) have been found in TLS versions 1.0 and 1.1 in recent years.

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

You can find additional information on TLS at:

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

Ongoing Accessibility Enhancements (November)

November 2019

We are continuously working to improve product accessibility to make it comply with the standard of WCAG 2.0 AA level. In this release, we have solved the following issues:

- In the new UI, it is now possible to use Dragon voice recognition software to search, navigate, and access elements (such as headers and drop-down lists) on the page.
- Some images in Virtual Browse were missing ALT values. This has been fixed.
- The term "Multiple Versions Image" was used for all image descriptions, regardless of whether the item was a book, journal, or an item that was actually listed with multiple versions. This has been fixed.
- For Advanced Search, the Date fields were not coded using the FIELDSET element. This has been fixed.
- In the Citation Linker, the text for the Submit button did not adequately describe the function of the button. This has been fixed.
- For Advanced Search, the date fields (day, month, and year) were missing labels or instructions about their behavior and usage. This has been fixed.

- With the Send Email action, the error messages were not included in the LABEL element or associated with the input field. This has been fixed.
- For Collection Discovery, skip links were missing. This has been fixed.
- In My Favorites, the heading element was missing for Search History. This has been fixed.
- For Browse Search, content does not have meaningful sequence. This has been fixed.

For more information, see the updated [Primo Accessibility Report](#).

Ongoing Analytics Enhancements (November)

November 2019

In addition to the Analytics support provided for usage actions in the November features, the following issues have been resolved for analytics:

- The Document > Link usage actions for DataStream, ORCID, and Preservation Link are now supported in Analytics.
- Search errors are no longer reported in the Zero Results Report in Analytics.
- Provided the ability to see date and time that Primo Analytics data has been updated.
- When Expand PC Results option is cleared, it is no longer report to Analytics as selecting the Expand PC Results option.

Ongoing Performance Enhancements (November)

November 2019

We are continually improving the performance of Primo VE. With this release, several improvements regarding results and facets response times were rolled out. Additional improvements will be rolled out in future releases as part of our continuous effort to enhance the performance of Primo VE.

Password Migration Period for IDP

November 2019

As previously announced, the password migration period for the Ex Libris Identity Service ends on December 31, 2019. In January 2020, all internal user passwords will be deleted from Alma, requiring internal users who did not sign in during the migration period to create a new password. For more information, please see [Removal of Passwords from the Alma Database](#).

Results Ranking Configuration

September 2019

This enhancement allows you to configure various aspects of the ranking algorithm to affect the order of local records in the search results:

- **Fields Boosting** – These settings allow you to provide more or less weight to records for which search terms are found in specific fields.
- **Date Boosting** – These settings allow you to provide more or less weight to titles that were created in a specific year

or a range of years. This is useful if you want to give more current titles a boost.

- **Resource Type Boosting** – These settings allow you to provide more or less weight to records of a specific type of resource (such as book).

In comparison to Field boosts, Date and Resource Type boosts have more influence and can significantly alter search results.

Because the system applies changes immediately, you can perform searches to see that a change returns expected results.

Note

Too many ranking changes may adversely affect the out-of-the-box ranking mechanism. It is recommended that you make changes only for specific local needs.

Configuration Options

The Ranking Configuration page ([Configuration Menu > Discovery > Search Configuration > Ranking Configuration](#)) has been added to allow you to modify the out-of-the-box ranking algorithm used to order items in the results list. For more information, see [Configuring the Ranking of Search Results in Primo VE](#).

The screenshot shows the 'Ranking Configuration' page with a 'Cancel' button in the top right. It is divided into three main sections:

- Fields Boosting:** A table with 7 rows. Each row has columns for 'Field', 'Name', 'Boosting Factor', 'Updated By', and 'Last Updated'. The rows are: 1. title (Title, 3.5), 2. creator (Creator, 3.0), 3. sub (Subject, 2.5), 4. toc (TOC, 1.5), 5. isbn (ISBN, 1.0), 6. lang (Language, 1.0), 7. addtitle (Additional title, 0.01). Each row has a three-dot menu icon on the right. Above the table are links for '+ Add New Field', a share icon, and a settings icon.
- Date Boosting:** A section with a '+ Add Year' link and a message 'No records were found.' with a list icon.
- Resource Type Boosting:** A section with a '+ Add Resource Type' link and a message 'No records were found.' with a list icon.

Ranking Configuration Page

Discovery in Context: Show More Items from the Same Course or Collection

September 2019

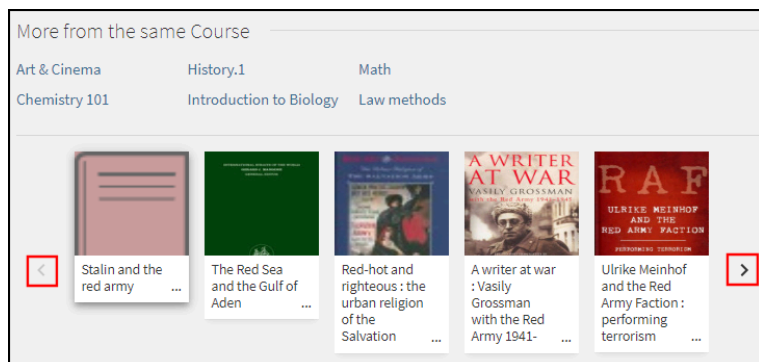
This enhancement allows users to expand the search of the current title to items in additional collections and courses that

also contain the current title. To provide this capability, the following sections may be configured to appear in the Full Display of a record:

- More from the same Course – The top half of this section lists all courses to which this titles belongs. A maximum of six courses display initially. Users can select the **View all courses** icon to view the remaining courses. If the course is associated with Leganto, users can select the course to view its reading list in Leganto.

The bottom half of this section allows users to browse items that belong to the item's related courses. Users can select any of the following:

- the Previous/Next arrows to scroll through the list of items
- an item in the list to open its Full Display.

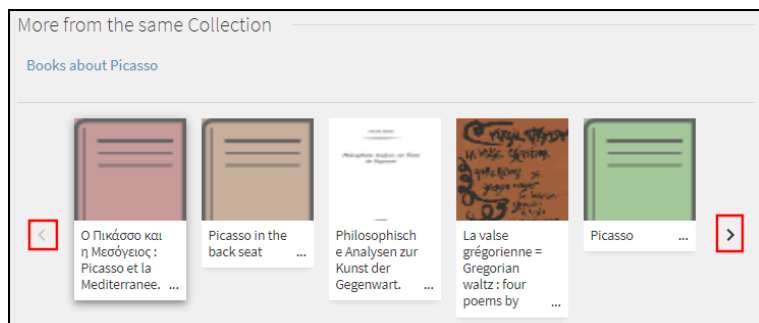


More from the Same Course Section

- More from the same Collection – The top half of this section lists all collections to which this titles belongs. A maximum of six collections display initially. Users can select the **View all collections** icon to view the remaining collections. Users can select a collection to open its Collection page, which allows them to view a collection's items and subcollections.

The bottom half of this section allows users to browse items that belong to the item's related collections. Users can select any of the following:

- the Previous and Next arrows to scroll through the items.
- an item in the list to open its Full Display.



More from the Same Collection Section

Configuration Options

The following table lists the settings used to configure this functionality.

Element	Description
Full Record Services tab in View Configuration	<p>The More from the same option has been added to the Full Record Services tab to allow you to configure the More from the same Course and More from the same Collection services. Select Configure and then select any of the following options in the Edit More from the Same Service dialog box:</p> <ul style="list-style-type: none"> • More from the same Course – When selected, the system enables the More from the same Course section in the Full Display. • More from the same Collection – When selected, the system enables the More from the same Collection section in the Full Display. <p>The above options are enabled by default.</p>
Aria Labels	<p>The following codes were added to support accessibility for this functionality:</p> <ul style="list-style-type: none"> • <code>nui.aria.moreFromTheSame.collection</code>: Go to the item's collection: {{collectionName}} • <code>nui.aria.moreFromTheSame.course</code>: Go to the course reading list in Leganto, opens in a new window • <code>nui.aria.moreFromTheSame.course.tab</code>: Navigate to More From The Same Course • <code>nui.aria.moreFromTheSame.collection.tab</code>: Navigate to More From The Same Collection • <code>nui.aria.moreFromTheSame.previous</code>: click to previous Bulk • <code>nui.aria.moreFromTheSame.next</code>: click to next Bulk • <code>nui.aria.moreFromTheSame.expandCourses</code>: View all courses • <code>nui.aria.moreFromTheSame.expandCollections</code>: View all collections

Analytics - More from the Same

The following actions were added to the Action Usage subject area:

Group	Subgroup	Action	Description
Document	Navigation on menu	Services Menu	User selected the More from the same Course tab.
			User selected the More from the same Collection tab.
	General	Display full record	User selected a record from the More from the same bar.
Exploration	More from the same	Navigate to More From the Same	User selected the More from the same <type> tab, where the valid types are Collection and Course.
		Click on record from More From the Same	User selected a record from the explore bar.

Group	Subgroup	Action	Description
		Click Previous in More From The Same	User selected the Previous arrow from More from the same bar.
		Click Next in More From The Same	User selected the Next arrow on the More from the same bar.
		Go to Collection on Discovery from More From the Same	User selected a title of a collection on the More from the same bar.
		Go to Leganto from More from the Same Course	User selected a course link that navigated to Leganto.

Blank Patron Purchase Request Form

September 2019

This enhancement allows you to add a link to the Main menu that allows signed-in users to fill in a blank Purchase Request Form and request titles missing from the catalog. For guest users, the system will prompt the user to sign in before displaying the request form.

Purchase Request

Citation Type Book Journal

* Title

Author

Edition

ISBN

LCCN

OCLC Number

Publisher

Publication year

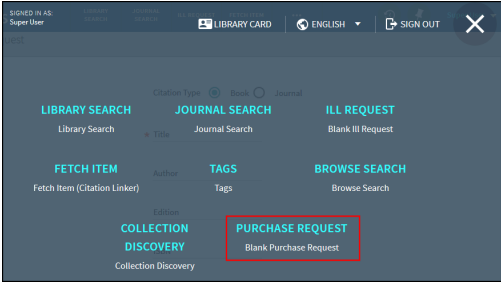
Place of Publication

Volume

Blank Purchase Request Form

Configuration Options

The following table lists the settings used to configure this functionality.

Element	Description
Links Menu tab in View Configuration	<p>The Purchase Request code has been added to the Links Menu tab to enable the Purchase Request link on the Main menu in the UI. To enable the link, simply activate its code. If you want to modify or translate the display label and description, edit the new code.</p>  <p>Purchase Request Link on Main Menu</p>
View Labels code table	<p>The following codes were added to support the configuration of display labels, which can be configured on the Links Menu tab in View Configuration:</p> <ul style="list-style-type: none"> nui.mainmenu.description.PurchaseRequest: Blank Purchase Request mainmenu.label.PurchaseRequest: Purchase Request

Contextual Relationships - New Ways to Discover More

September 2019

Recently, we have started building a graph database as part of our Central Discovery Index project (CDI) that contains relationships between items. This enhancement allows users to explore the following types of relationships easily from a record's full display.

Supported Related Reading Relationships

Relation from	Relation to	Usage
Books (local and PC)	Chapters of the book (PC)	Allows users to view specific chapters from the book.
Books (local and PC)	Reviews of the book (PC)	Allows user to view any related book reviews.
Chapters (PC)	Other chapters in the book (PC)	Allows users to view other chapters from the book.

After displaying a record's full details, one or more links to related reading information may appear for the record:

BACK TO RESULTS LIST

BOOK
Post-bellum, pre-Harlem : African American literature and culture, 1877-1919
 Barbara McCaskill Caroline Gebhard New York : New York University Press c2006
 White Shore Voyager ISBN 0814731678 (cloth : alk. paper); ISBN 0814731686 (pbk. : alk. paper); ISBN 9780814731673; ISBN 9780814731680 Main Library

Available at WSU Main Library Main Collection (NXS12.3.A35 P65 2006) >

Chapters of this book 10 >
 Book reviews 1 >

TOP
 SEND TO
 GET IT Send to _____

Related Reading Links

Note

The number at the end of the link indicates how many relationships exist with the record.

Selecting a related reading link displays the related items on a results page where user can decide which items to view.

Showing chapters for

BOOK
Post-bellum, pre-Harlem : African American literature and culture, 1877-1919
 Barbara McCaskill \$QMcCaskill, Barbara.; Caroline Gebhard \$QGebhard, Caroline.

Please note that this is not necessarily a complete list of chapters X DISMISS

10 Results Personalize

1 BOOK CHAPTER
Jamming with Julius: Charles Chesnutt and the post-bellum, pre-Harlem Blues
 Baker, Barbara A 2006
 Annual Bibliography of English Language and Literature (LION) (ProQuest Chadwyck-Healey)
 ISBN: 0814731678 ; ISBN: 9780814731673
 Full: In (pp. 133-45) McCaskill, p.133
 Full text available >

2 BOOK CHAPTER
A marginal man in Black bohemia: James Weldon Johnson in the New York Tenderloin
 Dowling, Robert M 2006
 Annual Bibliography of English Language and Literature (LION) (ProQuest Chadwyck-Healey)
 ISBN: 0814731678 ; ISBN: 9780814731673
 Full: In (pp. 117-32) McCaskill, p.117
 Full text available >

Chapter Results Page

Configuration Options

Out of the box, this functionality is enabled. The following table describes the configuration options that support this functionality.

Contextual Relationships Configuration

Element	Description
General tab in View Configuration	The Related records display field has been added to the General tab to allow you to enable the related reading links in the Full Display.

Element	Description
Related Items Labels code table (new)	<p>This table defines the labels that are associated with this functionality:</p> <ul style="list-style-type: none"> • <code>nui.results.relatedItems.from_book_info</code>: From book • <code>nui.results.relatedItems.chapter2chapter.link</code>: Other chapters of the same book ({{counter}}) • <code>nui.results.relatedItems.chapter2chapter.title</code>: Showing other chapters of the same book • <code>nui.results.relatedItems.chapter2chapter.note</code>: Please note that this is not necessarily a complete list of chapters • <code>nui.results.relatedItems.book2chapter.note</code>: Please note that this is not necessarily a complete list of chapters • <code>nui.results.relatedItems.book2review.title</code>: Showing book reviews for • <code>nui.results.relatedItems.book2review.note</code>: Please note that this is not necessarily a complete list of reviews. • <code>nui.results.relatedItems.book2chapter.link</code>: Chapters of this book ({{counter}}) • <code>nui.results.relatedItems.book2chapter.title</code>: Showing chapters for • <code>nui.results.relatedItems.book2review.link</code>: Book reviews ({{counter}})

Analytics - Contextual Relationships

The following actions were added to the Action Usage subject area:

Group	Subgroup	Action	Description
Document	Related items	Display Related items - Other chapters of same book	User selected a link to display other chapters of the same book.
		Display Related items - Book chapters	User selected a link to display the book's chapters.
		Display Related items - Book reviews	User selected a link to display the book's reviews.

Exclude External Data Source from Entire Network Search

September 2019

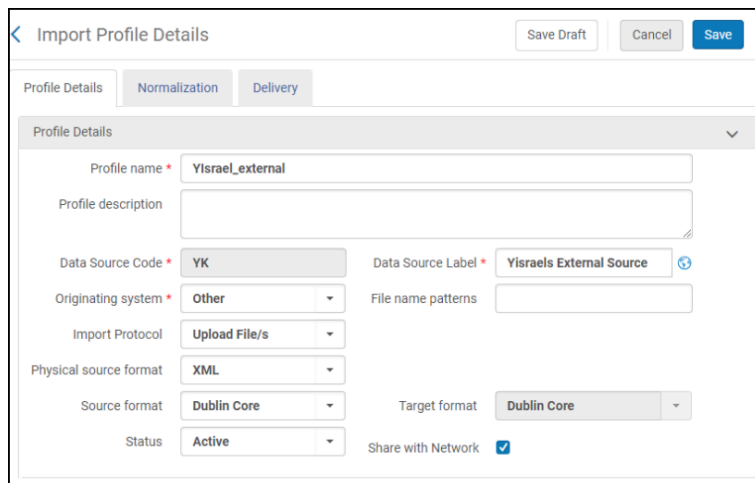
Previously for consortia, external resources were included in the 'Entire network' search scope as part of a member institution's catalog. With this enhancement, member institutions can specify which external data sources to exclude from the 'Entire network' search of other institutions to prevent other member institutions from searching materials from these external data sources. Searches from within the institution that holds the excluded external data sources will still find their records using the 'Entire network' scope.

Note

- The configuration option for this functionality is not visible by default. If you are interested in this functionality, please contact Exlibris Support.
 - Enabling/disabling this feature requires you to republish the external data source.
-

Configuration Options

The **Share with Network** field has been added to the Import Profile Details page ([Configuration Menu > Discovery > Loading External Data Sources > Discovery Import Profiles](#)) to allow institutions to exclude a specific external data source. For more information about import profiles, see [Configuring Import Profiles for Primo VE](#).



The screenshot shows the 'Import Profile Details' page with the following configuration options:

- Profile name: Yisrael_External
- Profile description: (empty text area)
- Data Source Code: YK
- Data Source Label: Yisraels External Source
- Originating system: Other
- File name patterns: (empty text area)
- Import Protocol: Upload File/s
- Physical source format: XML
- Source format: Dublin Core
- Target format: Dublin Core
- Status: Active
- Share with Network:

Import Profile Details Page

Consortium Union View

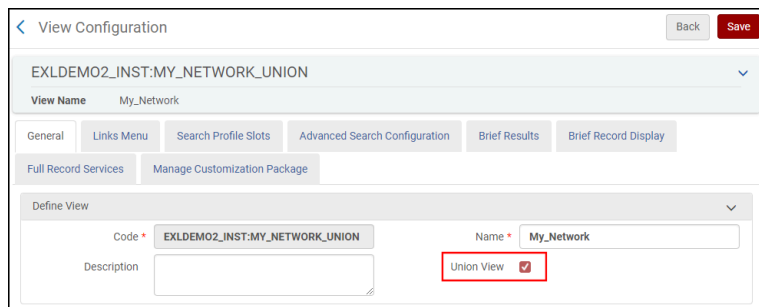
September 2019

This enhancement allows a consortium to create a view that publicizes materials held by all member institutions. For guest users, this view allows users to search the entire network and request services (such as electronic and general electronic services) that are defined at the network level. After signing in to a specific member institution, users can then request services offered by that specific institution.

Configuration Options

The **Union View** check box has been added in the Network Zone institution to the General tab on the View Configuration page ([Configuration Menu > Discovery > Display Configuration > Configure Views](#)) to identify a view as the network's union view. Since this field is active only when creating a new view for the network institution, you cannot modify a view and switch between view and union view.

You may create as many union views as you want. The code for each union view will include the **_UNION** suffix automatically when the view is saved (for example, EXLDEMO2_INST:MY_NETWORK_UNION).

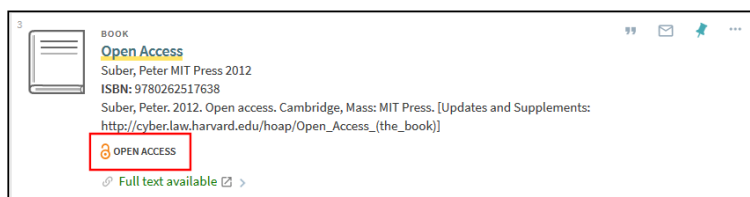


General Tab in View Configuration

Open Access Indication for Dublin Core Records

September 2019

This enhancement allows you to display an Open Access indicator for Dublin Core records. Previously, this functionality was limited to Primo Central records and MARC records. This indication is based on whether the `dcterms.accessRights` parameter contains the following value: **Unrestricted online access**.



Open Access Indication in Brief Results

For more information, see [Open Access Indication in Primo VE](#).

Reshelving Items

September 2019

If the **Time to reshelve (hours)** parameter has been configured in Alma, one of the following messages will appear in Get It for items that have been recently returned. This lets patrons know that an item is available for loan, but it may not be back on the shelf, yet.

- Item in place (awaiting reshelving until {0}) – Some items may need reshelving, but at least one copy is available on the shelf.
- available (awaiting reshelving until {0}) – The title is available, but all of items need reshelving.
- available (awaiting reshelving) – The title is available, but some items need reshelving.

For information regarding this configuration in Alma, see [Editing a Library](#), [Adding a Reshelve Without Transit Rule](#), and [Adding a Circulation Desk](#).

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

Configuration Options

You can use the GetIt Tile Labels code table to configure the item status in Get It.

Code	Description
c.uresolver.getit2.item_list.status.ITEM_AWAITING_RESHELVING	Item in place (awaiting reshelving until {0})
c.uresolver.getit2.item_list.status.ALL_HOLDING_ITEMS_AWAITING_RESHELVING	available (awaiting reshelving until {0})
c.uresolver.getit2.item_list.status.SOME_HOLDING_ITEMS_AWAITING_RESHELVING	available (some items awaiting reshelving)

Show More Locations Option in Get It Service

September 2019

Previously, the Get It service displayed a maximum of 10 holdings on the Full Display page. With this enhancement, users can display additional holdings by selecting the **Show More Locations** link under the list of holdings in Get It on the Full Display page.

The screenshot shows the 'Get It' service interface. At the top, there is a 'LINKS' section with an 'EXPLORE' button. Below this is a yellow banner with the text 'Please sign in to check if there are any request options.' and a 'Sign in' button. The main content area is titled 'LOCATIONS' and contains a list of library holdings. Each holding entry includes the library name, availability status, and location details. At the bottom of the list, there is a red-bordered button labeled 'SHOW MORE LOCATIONS'.

Library	Availability	Location
Main Library	Available	Media Collection ; DVB 6410 (viewing copy)
Graduate Library	May be available	Stacks ; DVB 6410 (viewing copy)
Law Library	May be available	Reference ; DVB 6410 (viewing copy)
Main Library	May be available	Stacks ; tttt
Main Library	May be available	Stacks ; DVB 6410 (viewing copy)
Main Library	May be available	Stacks ; fffff
Main Library	May be available	Stacks ; gggggg
Main Library	May be available	Stacks ; pppp
Main Library	May be available	Stacks ; rrrrrrr
Main Library	May be available	Stacks ; bbbb

Show More Locations Link on Full Display Page

Selecting the link, displays the remaining holdings up to the maximum number of holdings that are configured to display for

your institution.

The screenshot shows a list of library holdings. The top three items are from the 'Main Library' with stacks 'pppp', 'rrrrrrr', and 'bbbb'. The bottom three items are also from the 'Main Library' with stacks 'gggg', 'DVB 6410 (viewing copy)', and 'Science Stacks ; DVB 6410 (viewing copy)'. A red rectangular box highlights the bottom three items.

Main Library May be available, Stacks ; pppp	>
Main Library May be available, Stacks ; rrrrrrr	>
Main Library May be available, Stacks ; bbbb	>
Main Library May be available, Stacks ; gggg	>
Music Library May be available, Stacks ; DVB 6410 (viewing copy)	>
Science Library May be available, Science Stacks ; DVB 6410 (viewing copy)	>

Remaining Holdings Displayed

Configuration Options

Out of the box, the system displays a maximum of 10 holdings. To configure Primo VE to display more than 10 holdings, set the new parameter **max_holding_per_record** to a value greater than 10 on the Discovery Customer Settings page ([Configuration Menu > Discovery > Other > Customer Settings](#)). You can configure a maximum of 100 holdings.

In addition, the following code has been added to the Full Display Labels code table to support the new **Show More Locations** link: **fulldisplay.holdings.showmore**.

View It and OpenURL Response Time Improvements

September 2019

We are continually improving the performance of Primo VE. With this release, several improvements regarding View It and OpenURL response times were rolled out. Additional improvements will be rolled out in future releases as part of our continuous effort to enhance the performance of Primo VE.

UNIMARC Normalization for Local Search and Facet Fields

August 2019

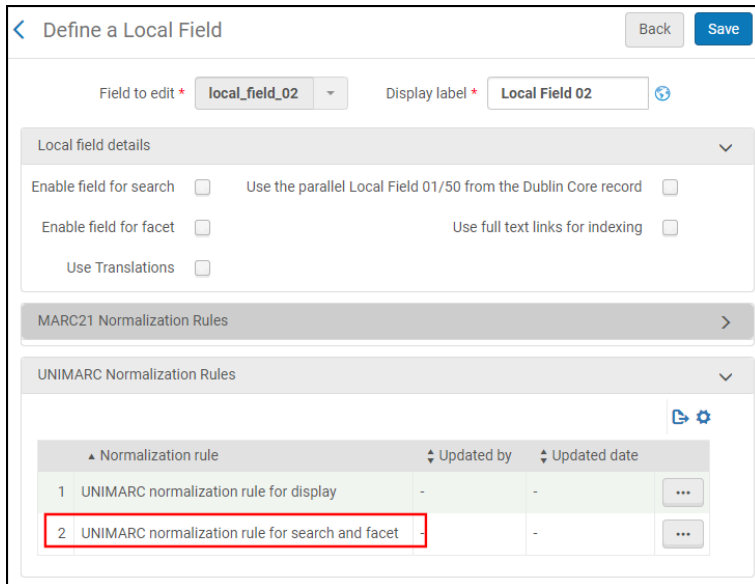
A previous enhancement allowed you to create normalization rules that map any MARC21 field to local search and facet fields (maximum of 10) so that you can extend search queries and facets to additional metadata. With this enhancement, you can now extend this functionality to any UNIMARC field.

Configuration Options

To support this enhancement, the following changes were made to the Define a Local Field page ([Configuration Menu >](#)

Discovery > Display Configuration > Manage display and local fields) for local fields that were added to the Local Fields using Search and Facet Normalization Rules page (see [Configuring Local Search and Facet Fields for Primo VE](#)):

- The **UNIMARC Fields** section is hidden.
- The **UNIMARC normalization rule for search and facet rule** is added under the UNIMARC Normalization Rules section to allow you to create normalization rules for the local search and facet field.



Define a Local Field Page for Local Fields Allowing Custom Search and Facet Normalization Rules

Edit the row to open the normalization rule editor for the local field. Make sure that your conditions specify a subfield.



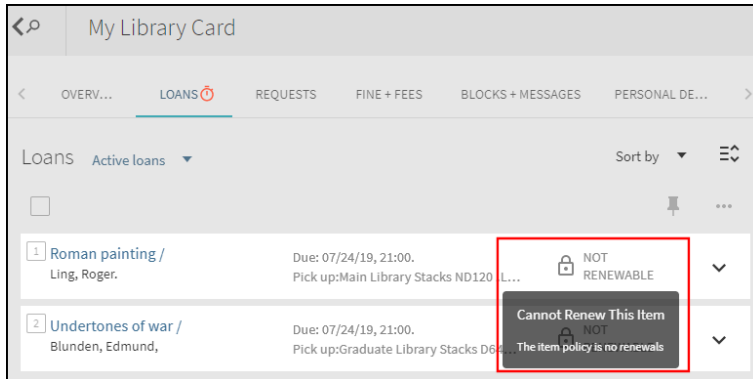
Normalization Rule Editor

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

Display Reasons for Nonrenewable Loans in My Library Card

August 2019

With this enhancement, a Not Renewable indicator will now appear next to items that cannot be renewed on the Loans tab in My Library Card. In addition, users can hover their cursors over a Not Renewable icon to display up to two reasons as to why the item is not renewable (such as a loan policy or block).



Not Renewable Indicator on Loans Tab

Configuration Options

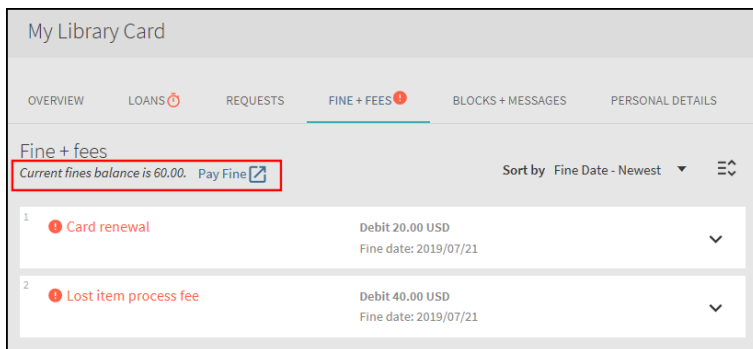
No additional configuration is necessary to enable this functionality. If you want to customize the display labels or provide translations, configure the following codes in the Library Card Labels code table:

- `nui.loans.notRenewable`: Not Renewable
- `nui.loans.cannotRenewThisItem`: Cannot Renew This Item

Add Pay Fine Link to My Account

August 2019

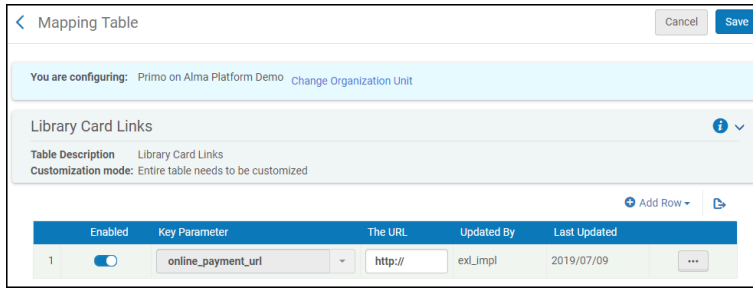
Primo VE currently supports the WPM E-Payment system for which integration is built into Alma and Primo VE. With this enhancement, you can integrate other payment systems with Primo VE to allow users to pay their fines using the Pay Fine link in the Fines and Fees areas in My Library Card.



My Library Card - Fine and Fees Tab

When users select the Pay Fine link, the system passes the user information in an encoded JWT (JSON Web Token) to your Web Service (as indicated by the `online_payment_url`). This JWT, which contains the `user_id` and other relevant parameters, can be used to invoke the [Alma Rest APIs](#).

To support this functionality, the `online_payment_url` parameter was added to the new Library Card Links mapping table (**Configuration Menu > Discovery > Library Card Configurations > Payment Link Configuration**). For more information, see [Configuring the Pay Fine Link for Primo VE](#).

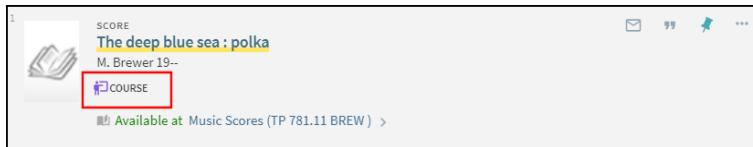


Library Card Links Mapping Table (new)

Improve Glanceability of Course Material in Search Results

August 2019

This enhancement increases the visibility of titles that are part of a course reserve by placing an indicator above the item's availability status in the Brief and Full Displays.



Course Reserve Indicator in the Brief Display

Configuration Options

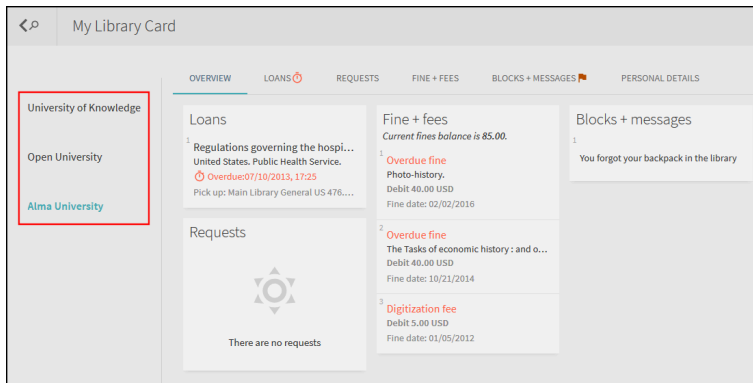
The following changes were made to support the configuration of this enhancement:

Element	Description
Results Tile Labels code table	<p>The following codes were added to support the Course icon:</p> <ul style="list-style-type: none"> nui.results.journalsearch.course: Course nui.results.journalsearch.course.tooltip: Item is part of a course(s)

My Library Card for Fulfillment Networks Across Alma Instances

August 2019

In a fulfillment network, linked users are permitted to view their account information per institution. With this enhancement, users can now see their information in member institutions that are located in other Alma instances.



My Library Card in a Fulfillment Network

Search Response Time Improvements (August)

August 2019

After rolling out several improvements in July, Search and Get It response times have been significantly improved in the production environment. Additional improvements will be rolled out in future releases as part of our continuous effort to enhance performance.

Primo VE Analytics Enhancements (August)

August 2019

In addition to the Analytics support provided for usage actions in the August features, the following table lists the missing usage actions for features that were added in previous releases. In addition, referrer data is now supported in the new UI under the Action Usage table.

Group	Subgroup	Action	Description
Featured Results:			
Exploration	Featured Results	Display All Results from Featured Results	User displayed all results from Featured Results.
		Click on Record from Featured Results	User selected a record from Featured Results.
		Click Previous in Featured Results	User selected the Previous icon in Featured Results.
		Click Next in Featured Results	User selected the Next icon in Featured Results.
Virtual Browse:			

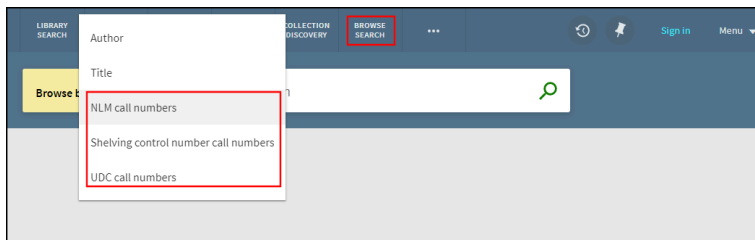
Group	Subgroup	Action	Description
Exploration	Virtual Browse	Navigate to Virtual Browse	User selected the Virtual Browse tab in Full Display.
		Click on Record from Virtual Browse	User selected a record from Virtual Browse.
		Click Previous in Virtual Browse	User selected the Previous icon in Virtual Browse.
		Click Previous in Virtual Browse	User selected the Next icon in Virtual Browse.
Links and Lateral Links:			
Document	Lateral Linking	Lateral Linking - ispartof	User selected an is-part-of link in the record's details.
		Lateral Linking - relation	User selected a relation link in the record's details.
		Lateral Linking - unitle	User selected a unitle link in the record's details.
	Link	Link to source	User selected a link to the source.
Database Search:			
Search	Database search	Database search	User performed a Database Search.
		Click on the AZ list	User selected an A-Z list category.
		Click on a category	User selected a database category.
		Expanding a category	User expanded a database category.
Resource Recommender:			
Exploration	Resource	Click on resource	User selected one of the following recommender types: custom1, custom2,

Group	Subgroup	Action	Description
	Recommender	recommender - <type>	custom3, database, library guide, person, website, or library information.
Sort in My Favorites:			
General	My Account	Sort eShelf by author	User sorted favorites by author.
		Sort eShelf by date	User sorted favorites by date.
		Sort eShelf by title	User sorted favorites by title.

Support Additional Browse Call Number Types

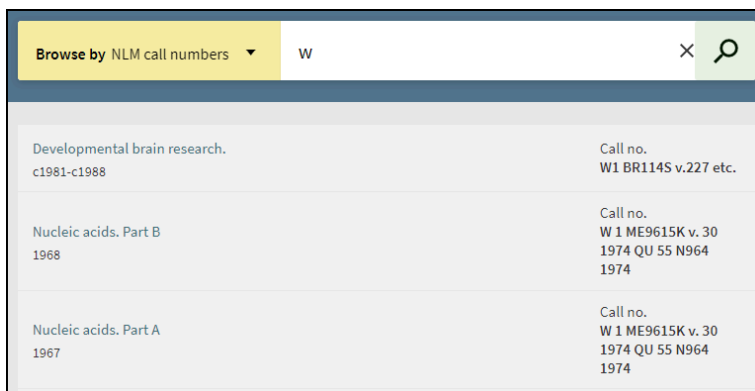
July 2019

In addition to the previously supported call number types, this enhancement allows users to browse and sort shelf listings using the following call number types: UDC, NLM, and shelving control number.



New Call Number Types for Browse Search

The following example is based on the NLM Classification:

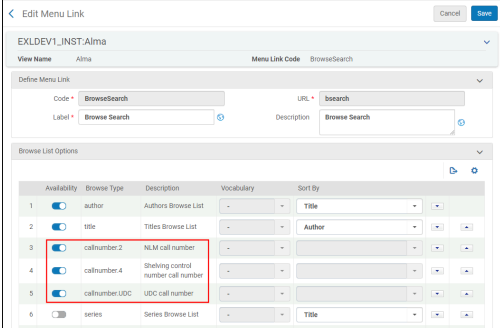


NLM Browse Search

Configuration Options

The following table describes the changes needed to support this functionality.

Browse Configuration

Element	Description
Links Menu tab in View Configuration	You can now specify the following call number types: callnumber.2 (NLM call number), callnumber.4 (Shelving control number), and callnumber.UDC (UDC call number).
<div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 10px;">  </div> <p>Edit Menu Link Page</p>	<p>Defines the display labels that are associated with new browse call number types:</p> <ul style="list-style-type: none"> • <code>nui.browse.callnumber.2</code> - NLM call numbers • <code>nui.browse.callnumber.4</code> - Shelving control number call numbers • <code>nui.browse.callnumber.UDC</code> - UDC call numbers
Browse Search Labels code table	<p>Defines the display labels that are associated with new browse call number types:</p> <ul style="list-style-type: none"> • <code>nui.browse.callnumber.2</code> - NLM call numbers • <code>nui.browse.callnumber.4</code> - Shelving control number call numbers • <code>nui.browse.callnumber.UDC</code> - UDC call numbers

Normalization Rule Test Tool for Local Search and Facet Fields

July 2019

In the previous release, the ability to create normalization rules for local search and facet fields was added for the MARC21 format. This enhancement allows you to test your normalization rules with existing Alma records before applying your changes. To support this functionality, the **Test** action has been added to the **MARC21 normalization rules for search and facet** row under the MARC21 Normalization Rules section on the Define a Local Field page.

Define a Local Field Back Save

Field to edit * Display label *

Local field details

Enable field for search Use the parallel Local Field 01/50 from the Dublin Core record

Enable field for facet Use full text links for indexing

Use Translations

MARC21 Normalization Rules

Normalization rule	Updated by	Updated date	
1 MARC21 normalization rule for display	-	-	...
2 MARC21 normalization rule for search and facet	ex_impl	2019/06/11 04:04:29 EDT	... Edit Test

UNIMARC Normalization Rules >



Test Normalization Rules Action

To test a rule:

1. Edit a local field on the Manage Display and Local Fields page (**Configuration Menu > Discovery > Display Configuration > Manage Display and Local Fields**). The Define a Local Field page opens.
2. Select the **Test** action in the **MARC21 normalization rule for search and facet** row. The Test Normalization Rules dialog box opens.



Test Normalization Rules Dialog Box

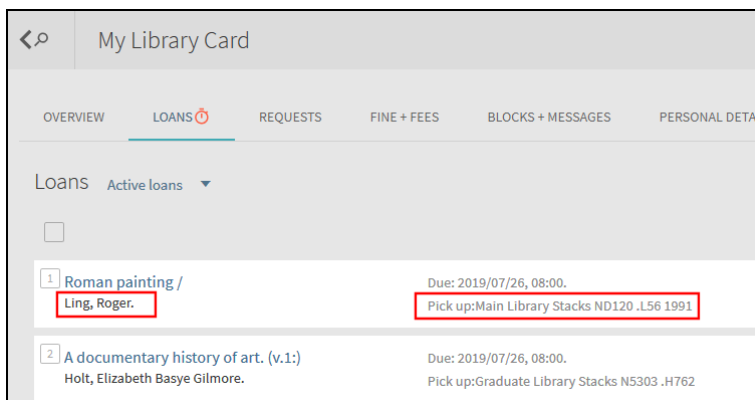
3. In the first field, specify a record's MMS ID, which is entered either by:
 - Selecting the Recent icon

and then selecting a previously entered MMS ID from the list.
 - Selecting the Quick Pick icon

, performing a repository search, and then selecting a record from the results list.
4. After entering an MMS ID, the results appear in the **Normalized Local Field** field.

Support Configuration of Loan Request Fields in My Library Card

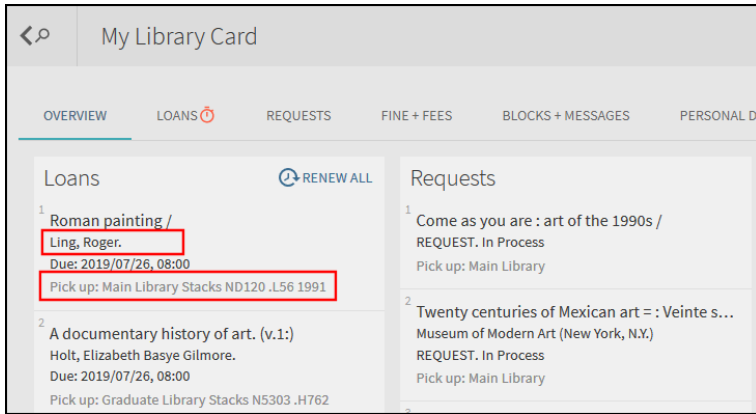
July 2019

This enhancement allows you to configure the following areas in My Library Card:

- **Brief display on the Loans and Overview tabs** – You can configure which fields (up to three fields per line) will appear for the brief display on the Loans Tab and Loans section of the Overview tab. By default, each field per line is separated by a non-breaking space, which can also be configured.

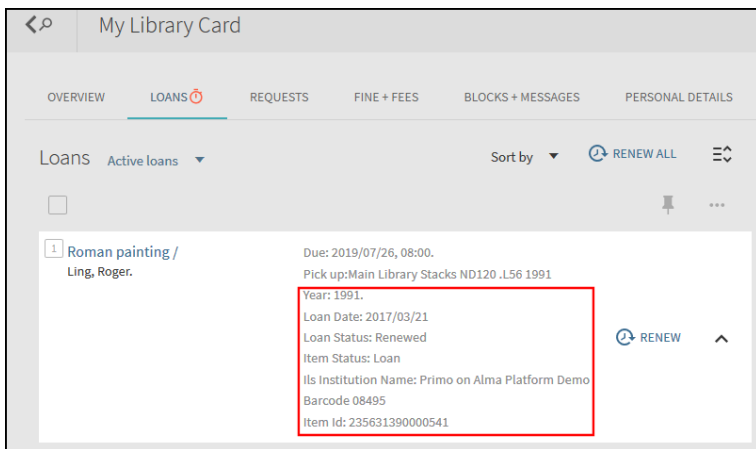


Brief Display on the Loans Tab



Brief Display under Loans Section on the Overview Tab

- **Full display on the Loans tab** – You can specify which fields will appear in the loan's full display.



Full Display on the Loans Tab

Configuration Options

To support this functionality, the following options have been added to the new **Library Card Configurations** submenu under the Discovery configuration menu:

- **Loans Brief Display** – For each of the first two lines in the loan's brief display, this new mapping table allows you to configure a maximum of three fields (such as the author) and the delimiter that separates each word. By default, the delimiter is a non-breaking space (). For more information, see [Configuring the Loans Brief Display for Primo](#) [VE](#).

Enabled	Delimiter	View	Location	Value 1	Value 2	Value 3	Updated By	Last Updated
<input checked="" type="checkbox"/>	 	default	loans.brief.1	author	Select Value	Select Value	-	-
<input checked="" type="checkbox"/>	 	default	loans.brief.2	main_location	secondary_lox	call_number	-	-

Loans Brief Display Mapping Table

- **Loans Detailed Display** – This new mapping table allows you to specify the fields and the order in which they will

appear on the Loans tab. For more information, see [Configuring the Loans Full Display for Primo VE](#).

The screenshot shows a 'Mapping Table' configuration window. At the top, it says 'You are configuring: Primo on Alma Platform Demo' with a 'Change Organization Unit' link. Below that, the title is 'Loans Detailed Display' with an information icon. The table description is 'Loans Detailed Display' and the customization mode is 'Entire table needs to be customized'. The main table has the following columns: Enabled, Field Tag, Field Name, Order, Updated By, and Last Updated. There are 6 rows of data.

	Enabled	Field Tag	Field Name	Order	Updated By	Last Updated
1	<input checked="" type="checkbox"/>	year	year	1	-	-
2	<input checked="" type="checkbox"/>	due_date	due_date	2	-	-
3	<input checked="" type="checkbox"/>	due_hour	due_hour	3	-	-
4	<input checked="" type="checkbox"/>	fine	fine	4	-	-
5	<input checked="" type="checkbox"/>	main_location_name	main_location_name	5	-	-
6	<input type="checkbox"/>	main_location_code	main_location_code	6	-	-

Loans Detailed Display

Search Response Time Improvements (July)

July 2019

Several improvements were rolled out gradually in June and completed in July, and we are seeing significant improvements in the search and Get It response times. One of our recent improvements, which included the splitting of the facets calculation from the initial results calculation, brings search results faster to users. As part of our continuous effort to improve performance, additional improvements will be rolled out in future releases.

Change Primo Shortcut Icon in IOS/Android

July 2019

This enhancement allows you to change the Primo VE shortcut icon that displays on the home pages of IOS and Android devices.

To change the shortcut icon:

1. Create a 150x150 pixel image for the Primo VE shortcut and give it the following name: **home-screen-icon.png**.
2. Edit your customization package and place the new shortcut image file under the **img** folder.
3. Zip and upload your customization package.

Support Usage Information for the Order of Main Menu Links

July 2019

Primo Analytics now tracks the number of times each link position is clicked in the Main Menu. This usage information allows you to determine which links (up to 10 links) are used the most and to set the order of the links accordingly. This Primo Analytics enhancement was originated as an Idea Exchange suggestion. For more information, see [Ordering Main Menu Links](#).

Primo VE Analytics Enhancements (July)

July 2019

In addition to the Analytics support provided for action usage in the July features, this release includes Analytics support for

the following features/actions added in previous releases:

Group	Subgroup	Actions
Next/Previous Result:		
Document group	General	Previous Result Next Result
Contextual Relationships:		
Document	Related Items	Display Related items - Other chapters of same book Display Related items - Book chapters Display Related items - Book reviews
Newspaper Search:		
General	General	Go to Newspaper Search from Main Menu
Results List	General	Go to Newspaper Search from Results List
Search	Search	Newspaper search
Collection Discovery:		
Collection Discovery	Linking to Collection Discovery	Link to Collection Discovery
		Link to Collection from Results List
		Link to collection path from full display
	Collection Discovery	Display a collection
		Display an item
		Add collection to favorites
		Add item to favorites

Group	Subgroup	Actions
		Change view to <type>
My Library Card:		
General group	My Account	Renew Loan Cancel Request
Ordering Main Menu Links:		
General	General	Clicks on Main Menu link positions: Main Menu link 1–Main Menu link 10

Metadata Normalization for Local Search and Facets Fields

June 2019

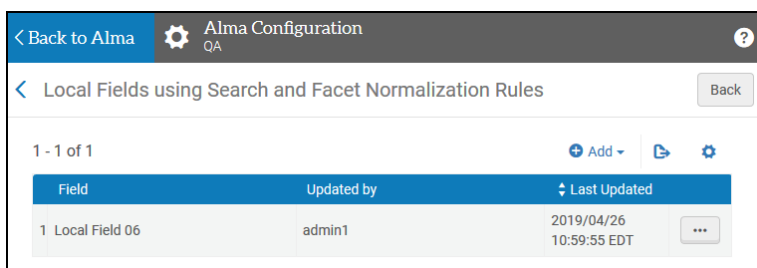
This enhancement allows you to create normalization rules that map any MARC21 fields to local search and facet fields (maximum of 10) so that you can extend search queries and facets to additional metadata. Previously, Primo VE allowed you to map only the following MARC21 fields with out-of-the-box normalization rules to local search and facet fields: 009, 09X, 490, 5XX, 69X, and 9XX.

Note

After normalization rules for local search/facet fields are added, updated, or deleted and then applied in Primo VE, the system will automatically index new and modified records. To apply these normalization rules to existing records, you will need to open a Support ticket to re-index all records or a set of records.

To support this enhancement, the following changes have been made:

- Added the **Local Fields using Search and Facets Normalization Rules** page (**Configuration Menu > Discovery > Other > Local Fields using Search and Facet Normalization Rules**) – This page defines which local fields (maximum of 10) require custom search/facet normalization rules. For more information, see [Configuring Local Search and Facet Fields for Primo VE](#).



Local Fields Using Search and Facets Normalization Rules Page (New)

- The following changes were made to the **Define a Local Field** page (**Configuration Menu > Discovery > Display**

Configuration > Manage display and local fields):

- The **Bibliographic Local Field Mapping** and **Normalization Rules (for display)** tabs were removed and all local field mappings and normalizations rules are now configured on the main page. For more information, see [Adding a Local Field](#).

Define a Local Field

Field to edit: local_field_03 Display label: Special note

Local field details

Enable field for search Use the parallel Local Field 01/50 from the Dublin Core record
Enable field for facet Use full text links for indexing
Use Translations

MARC21 Fields

1 - 2 of 2 Add MARC21 Fields

MARC21 Field	
1 977	...
2 988	...

MARC21 Normalization Rules

Normalization rule	Updated by	Updated date	
1 MARC21 normalization rule for display	-	-	...

UNIMARC Fields >

UNIMARC Normalization Rules >

Define a Local Field Page for Local Fields - No Custom Search and Facet Normalization Rules

- For local fields that were added to the Local Fields using Search and Facet Normalization Rules page, the Define a Local Field page appears as follows:
 - The **MARC21 Fields** section was omitted.
 - The **MARC21 normalization rule for search and facet** rule was added under the MARC21 Normalization Rules section to allow you to create normalization rules for the local search and facet field.

Define a Local Field

Field to edit: local_field_06 Display label: Misc Note

Local field details

Enable field for search Use the parallel Local Field 01/50 from the Dublin Core record
Enable field for facet Use full text links for indexing
Use Translations

MARC21 Normalization Rules

Normalization rule	Updated by	Updated date	
1 MARC21 normalization rule for display	admin1	2019/04/26 11:06:53 EDT	...
2 MARC21 normalization rule for search and facet	admin1	2019/04/26 11:05:13 EDT	...

UNIMARC Normalization Rules >

Define a Local Field Page for Local Fields Allowing Custom Search and Facet Normalization Rules

Edit the row to open the normalization rule editor for the local field. Make sure that your conditions specify a subfield.



Normalization Rule Editor

Note

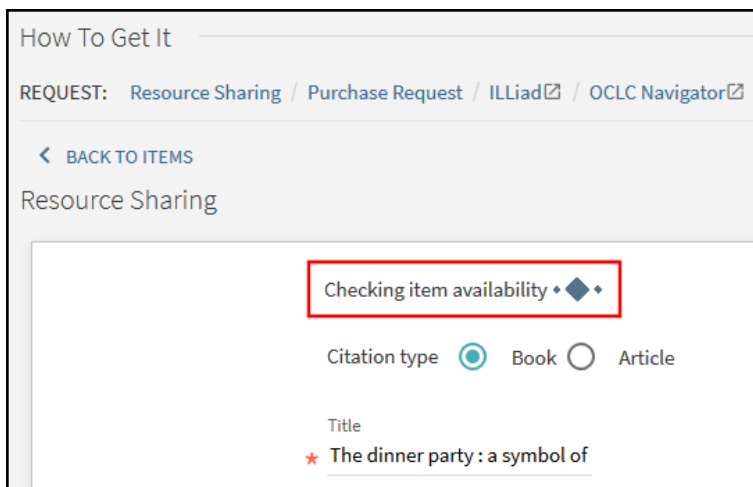
Until the new normalization test tool is available in the July release, you can test your normalization rules by editing and saving records with Alma's Metadata Editor and then searching for the updated records immediately with Primo VE.

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

Real-Time Availability Status on Resource Sharing Request Form

June 2019

This enhancement allows you to display an item's real-time availability status during resource sharing requests. When the new **Item Availability** field is enabled, the system will automatically perform a real-time availability check when a patron opens a Resource Sharing Request form.



Availability Check on Resource Sharing Request Form

After the availability check, the availability indication appears at the top of the Resource Sharing Request form. If users modify any fields on the form, they may select the **Check Availability** button to check for any changes to the item's availability.

The screenshot shows a web form titled "Item Available for Request" (highlighted with a red box). The form includes the following fields and options:

- Citation type:** Radio buttons for "Book" (selected) and "Article".
- Title:** Text input field containing "★ The dinner party : a symbol of".
- Author:** Text input field containing "Chicago, Judy, 1939-".
- Edition:** Text input field containing "1st ed.".
- ISBN:** Text input field containing "0385145675".
- Publisher:** Text input field containing "Anchor Press/Doubleday".
- Publication year:** Text input field containing "1979".
- Pages:** Text input field.
- Format:** Radio buttons for "Physical" (selected), "Digital", and "Photocopy".
- Address:** Dropdown menu.
- Email:** Dropdown menu.
- Preferred Pickup In...:** Dropdown menu containing "Alma University".
- Preferred Local Pickup Locat...:** Dropdown menu containing "Resource Sharing Library".
- Comment:** Text input field.

At the bottom of the form, there are three buttons: "RESET FORM", "CHECK AVAILABILITY" (highlighted with a red box), and "SEND REQUEST".

Availability Indication on the Resource Sharing Request Form

Configuration Options

This feature is disabled by default. Refer to the following table to enable this feature and to customize any associated labels.

Configuration Options

Page	Description
Resource Sharing Form Customization page (see Configuring Request Forms for Primo VE)	In the Book Request section, select the Visibility check box for the new Item Availability field to display the real-time availability status of items on the Resource Sharing Request form.
Get It Service Labels code table (see Configuring Display Labels for Primo VE)	Update the descriptions for the following codes if you want to customize or translate labels on the Resource Sharing Request Form: <ul style="list-style-type: none"> nui.request.checkAvailability.checkButtonText: CHECK AVAILABILITY nui.request.checkAvailability.inProgress: Checking item availability

Page	Description
	<ul style="list-style-type: none"> nui.request.checkAvailability.available: Item Available for Request nui.request.checkAvailability.notAvailable: No Item Available for Request nui.request.checkAvailability.checkFailed: Could not check item availability

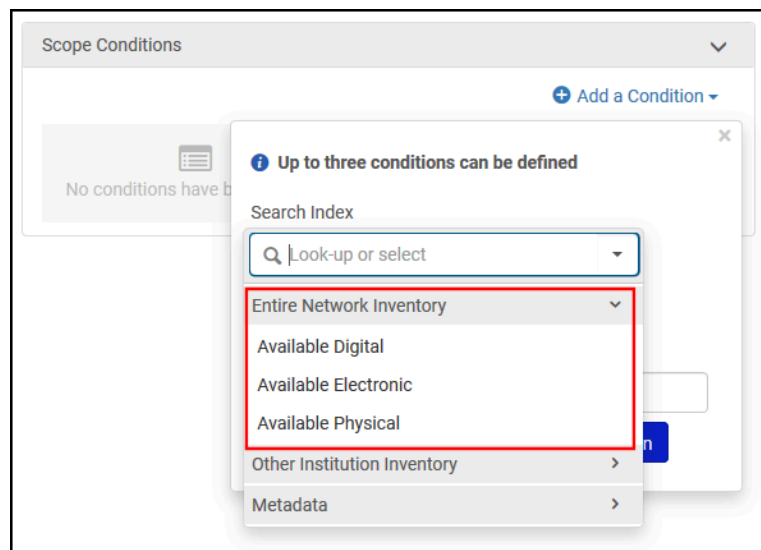
Create Custom Search Scopes for Other Institutions – Based on Availability

June 2019

Previously for consortia, users were permitted to search for inventory based on the metadata of other libraries/locations. This enhancement allows you to configure custom scopes that provide a more granular search of available digital, electronic, and physical inventory from the entire network and other institutions.

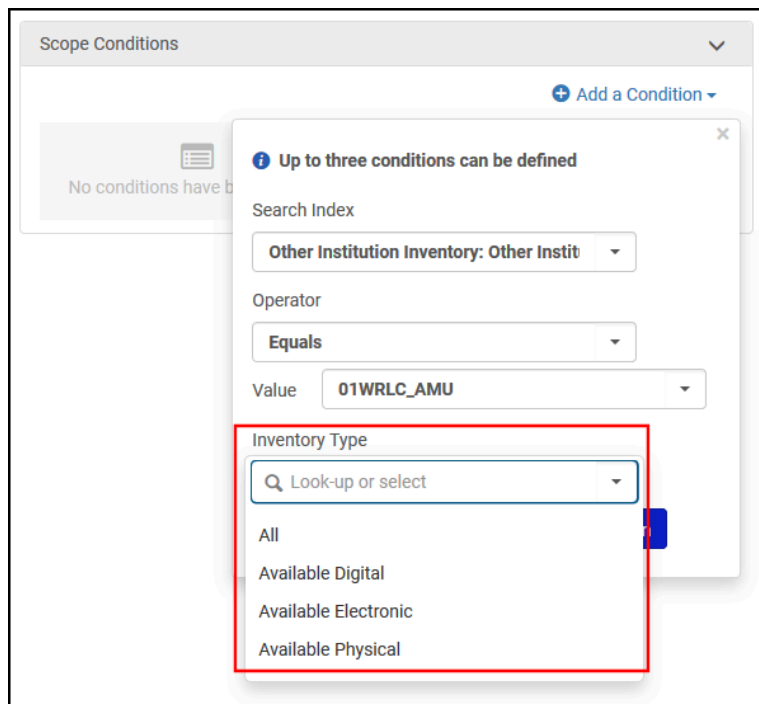
To support this functionality, the following changes have been made to the Define a Custom Scope page when the **Entire Network** option is selected (see [Defining a Local Data Scope](#) for more details):

1. In the Add a Condition dialog box, the Entire Network Inventory scope has been added to allow you to limit searches to available digital, electronic, and physical inventory in the entire network.



Add Inventory Condition - Entire Network

2. The name of the **Network Inventory** search index has been changed to **Other Institution Inventory** in the Add a Condition dialog box.
3. The following inventory options now appear for the **Entire Network Inventory > Other institution** search index in the **Add a Condition** dialog box:
 - **Available Digital** – Allows you to limit searches to another institution's available digital inventory.
 - **Available Electronic** – Allows you to limit searches to another institution's available electronic inventory.
 - **Available Physical** – Allows you to limit searches to another institution's available physical inventory.



Add Inventory Condition - Other Institution

Merge Metadata from all Records in the Dedup Group

June 2019

For records that have been deduped and merged, the system previously displayed the preferred record's metadata and the merged availability status of all group members. This enhancement displays additional information regarding all records in the merged Dedup group:

- On the merged record's Full Display page, the new **Dedup Member IDs** field displays the merged group's member IDs on separate rows in the details.
- On the merged record's Full Display page, the **Course Information** field now displays merged information from all members in the group (not just the preferred record).

Details	
Title	The ghost map : the story of London's most terrifying epidemic--and how it changed science, cities, and the modern world
Creator	Johnson, Steven, 1968- >
Subject	Cholera -- England -- London -- History -- 19th century >
MESH subjects	Cholera -- history -- London > Disease Outbreaks -- history -- London > History, 19th Century -- London >
Description	"An account of the worst cholera outbreak in Victorian London--and an exploration of how Dr. John Snow's solution revolutionized the way we think about disease in cities. In the summer of 1854, a devastating cholera outbreak seized London just as it was emerging as a modern city: more than 2 million people packed into a ten-mile circumference, a hub of travel and commerce, continually pushing the limits of infrastructure that's outdated as soon as it's updated. Author Johnson chronicles Snow's day-by-day efforts as he risked his own life to prove how the epidemic was being spread. When he created the map that traced the pattern of outbreak back to its source, Dr. Snow didn't just solve a pressing medical riddle--he established a precedent for the way modern city-dwellers, city planners, physicians, and public officials think about the spread of disease and the development of the modern urban environment.--From publisher description.--From source other than the Library of Congress
Publisher	New York : Riverhead Books
Creation Date	2006
Format	299 p. : ill., maps ; 24 cm.
Dedup Member Ids	991491780000541
Course Information	CourseBcode: CourseBname; Astronomy CourseAcode: CourseAname; Biology

Details Section on Full Display Page

Configuration Options

This feature is enabled by default. Refer to the following table to display the new Dedup Member Ids field and to customize its associated label.

Configuration Options

Page	Description
Edit Full Display Details page (see Configuring the Details Service)	<p>On the Edit Full Display Details page, add the new Dedup Member Ids field.</p> <hr/> <p>Note</p> <p>If you omit this field, you can still view its information by appending the showPnx=true parameter to the record's full display URL in the browser. For example:</p> <pre>https://sqa-na01.alma.exlibrisgroup.com/discovery/fulldisplay?docid=alma991002342342503896&context=L&vid=MY_INST:MY_VIEW&lang=en&search_scope=MyInstitution&adaptor=Local Search Engine&tab=LibraryCatalog&query=any,contains,991002342342503896&offset=0&showPnx=true</pre> <pre>{ "display" : { "source" : ["Alma"], "crsinfo" : ["\$RPSYC 360\$VPSYC 360: BIO PSYCHOLOGY; SGVobWfFuLVNjaG5pdGVy, SmVzc2ljYQ==", "\$RBIOL 201\$VBIOL 201: PRINCIPLES OF BIOLOGY; T2xzb24=, TG1zYQ==; U2lsdmVpcmE=, TGluZGE=; QXJvbnNvbG==, QmVuamFtaW4="], "type" : ["journal"], "language" : ["eng"], "title" : ["Genes & genetic systems"], "identifier" : ["\$CISSN\$V1341-7568"], "creationdate" : ["2013"], "publisher" : ["Multiple Vendors"], "mms" : ["991002342342503896"], "dedupmemberids" : ["991002342347803896"], "relation" : ["\$Clater_title\$VGenes & genetic systems (Online)\$Z991002344285803896"], "version" : ["1"] }, }</pre>
Full Display Labels code table (see Configuring Display Labels for Primo VE)	<p>Update the description for the following code if you want to customize or translate the Display Member IDs field in the Details section of the record's full display:</p> <ul style="list-style-type: none"> fulldisplay.dedupmemberids: Dedup Member Ids

Support the Ordering of Locations in Get It

June 2019

The following configurations on the Locations Ordering Profile page ([Configuration Menu > Fulfillment > Discovery Interface Display Logic > Locations Ordering Profile](#)) are now supported by Primo VE:

- **Use Alphabetical Sorting Only** – When selected, this option indicates that locations are sorted alphabetically, and the remaining sort options are ignored.
- **Use "IP best location" sorting** – When selected, this option displays the order of locations based on the user's IP address.
- **Prefer Remote Storage** – When selected, remote storage locations are given preference over temporary and permanent locations.

For more details, see [Configuring the Order of Locations in Search Results](#).

Search Response Time Improvements

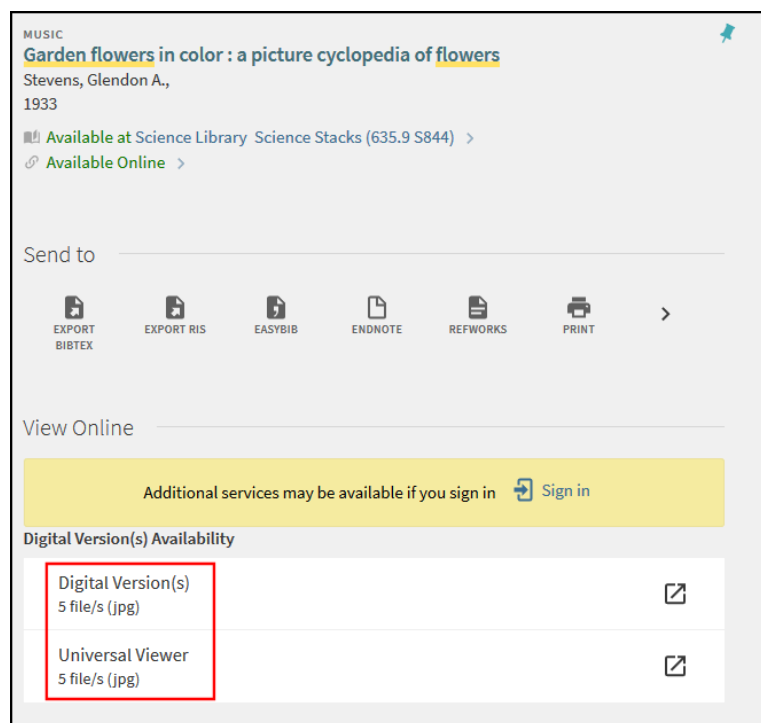
June 2019

As with previous releases, we continually improve the performance of Primo VE. With this release, response time is improved by moving the availability calculation from the Search API to a separate Delivery call. In future releases, we will focus our attention on improving performance in the search and Get It areas.

Additional Services for Digital Items in View It

June 2019

The Viewer Services page in Alma ([Configuration Menu > Fulfillment > Discovery Interface Display Logic > Viewer Services](#)) defines the supported digital content viewers, but Primo VE only supported the Alma Viewer. With this enhancement, Primo VE will support all viewers defined in Alma and display their services under the View Online section in the record's full display. In addition, it will support all related display logic rules ([Configuration Menu > Fulfillment > Discovery Interface Display Logic > Display Logic Rules](#)), which allow you to hide services based on many factors.



Multiple Viewers Options in View Online

Note

No configuration in Primo VE is necessary to display additional viewers.

Improve Performance of Results in My Favorites

June 2019

The **Load more results** button has replaced endless scrolling in My Favorites (Saved Records) to improve the performance of viewing many records in Primo VE.

Support Usage Information for the Order of Main Menu Links

June 2019

Primo Analytics now tracks the number of times each link position is clicked in the Main Menu. This usage information allows you to determine which links (up to 10 links) are used the most and to set the order of the links accordingly. This Primo Analytics enhancement was originated as an Idea Exchange suggestion.

Support String Manipulation in Generic XML Normalization Rules

June 2019

This enhancement allows you to join strings from two child elements into a single element for generic XML normalization rules. To support this functionality, the **concat** action has been added to concatenate two elements. For more information, see [Configuring Normalization Rules for Primo VE](#).

For example:

```
rule "copy creator"
  when
    true
  then
    copy "concat(//person[@pers_role='pau']/name/first/text()), '
', //person[@pers_role='pau']/name/last/text())" to "dc"."creator"
end
```

Support Indexing and Sorting of Spanish Special Characters

June 2019

For customers whose default searching language is Spanish, this enhancement allows the following Spanish special characters to be indexed as is instead of converting them to basic Latin characters (such as n, c, and so forth):

- 00D1 00F1 #Ñ -> ñ
- 00F1 00F1 #ñ -> ñ
- 00C7 00E7 #Ç -> ç
- 00E7 00E7 #ç -> ç

- 0140 0140 #L -> L
- 013F 0140 #L -> L

This conversion allows Spanish special characters to be treated as fully independent letters for search and sort in Primo VE.

Note

To enable this functionality and schedule re-indexing, please open a Support case.

Support Japanese Character Conversion Kana 2 to 2

June 2019

With this enhancement, Primo VE now supports the Japanese character conversion of two Kana characters to two characters. For example:

- きゝ will be converted to: キキ
- かゝ will be converted to: カガ

Searching within a Collection

April 2019

This enhancement adds a dedicated search box to the Collections Page to allow users to search for and filter relevant items and sub-collections that are one level below the collection. This very helpful for collections that contain many items and sub-collections.

Note

Searches within a collection will not return any sub-collection's items and sub-collections.

ExLibris LIBRARY SEARCH JOURNAL SEARCH ILL REQUEST FETCH ITEM Sign in Menu

COLLECTIONS / **Art Collection**

A collection of works of art by two famous painters - Pablo Picasso and Vincent van Gogh. This collection also includes books on art in general.

Search inside the collection

Sub-collections 2 sub-collections

Picasso Collection - books and reproductions

Van Gogh Pictures and Books

Items in this collection (items from sub-collections are not included) 32 items

View

BOOK Benchmarking industry-science relationships.

BOOK Improving water management : recent OECD experience.

BOOK Europe

BOOK Arviragus and Philicia : as it was acted at the Private House in Black-Fryers by his Majesties Servants; the first and second part.

BOOK Application of the logistic function to bio-assay

BOOK Portfolio capital flows : hot or cold?

ARTICLE The art of Hokusai.

BOOK Art and regeneration

JOURNAL Photo-history.

BOOK The (strange, recent but understandable) triumph of liberalism in Australia

LOADMORE

Collection Page

Search queries are matched against any search field (such as title, author, description, and subject) that is mapped from the collection's bibliographic records and may include any of the following search operators to provide a more complex search query: **AND**, **OR**, and **NOT**. In the following example, the search for the phrase **art OR crook, john** returns the following results:

COLLECTIONS / **Art Collection**

A collection of works of art by two famous painters - Pablo Picasso and Vincent van Gogh. This collection also includes books on art in general.

Showing items for **art OR crook, john**

Items in this collection (items from sub-collections are not included) 14 items

View

JOURNAL Art Journal (New York, N.Y. : 1960 - Online)

DATABASE Art education (Kutztown, Pa. : Online)

JOURNAL Art psychotherapy (Online)

JOURNAL Scholastic art (Online)

BOOK Art therapy

BOOK Arviragus and Philicia : as it was acted at the Private House in Black-Fryers by his Majesties Servants; the first and second part.

BOOK Art power

BOOK Art Matters A Critical Commentary on Heidegger's "The Origin of the Work of Art"

BOOK Art and regeneration

ARTICLE The art of Hokusai.

LOADMORE

Matching Search Phrase Found in Search Fields

Configuration Options

The following table describes the configuration options that support this functionality.

Collection Discovery Configuration	
Element	Description
View Configuration - General Tab (existing)	The Enable Collection Discovery Features check box enables collection discovery at the view level.
Collection Discovery Labels code table (modified)	This table defines the labels that are associated with this functionality: <ul style="list-style-type: none">nui.colldiscovery.show: Showing items fornui.colldiscovery.search: Search inside the collection

Local Resource Type Normalization for MARC Leader and Fixed Fields

April 2019

The LDR and fixed fields (00X) are a primary source in MARC records for resource type identification. These identifications can be mapped to Primo VE to create new local resource types, which allow users to filter their search results with the Resource Types facet and to limit advanced searches to specific resource types. This enhancement extends the configuration of local resource types so that you can use regular expressions to normalize the LDR and MARC fixed fields (00X) as well as existing MARC field and subfields.

Configuration Options

To support this functionality, the **Use Regular Expression** check box has been added to the Edit Local Resource Type page ([Configuration Menu > Discovery > Display Configuration > Local Resource Types](#)). For more information, see [Configuring Local Resource Types for Primo VE](#).

The screenshot shows the 'Edit Local Resource Type' interface. It is divided into three main sections: 'General', 'Mapping from MARC records', and 'Mapping from Dublin Core'. In the 'General' section, there are fields for 'Code', 'Display Singular Label', 'RIS type' (set to 'Generic'), 'Metadata format' (set to 'Book'), 'Active' (checkbox), 'Display Plural Label', and 'Genre' (set to 'Unknown'). In the 'Mapping from MARC records' section, 'MARC field and subfield' is set to '008' and 'Value in MARC field' is set to '^.{32}[aoc].*'. A red box highlights the 'Use Regular Expression' checkbox, which is checked. The 'Mapping from Dublin Core' section has fields for 'Dublin Core tag' and 'Value in Dublin Core'.

Edit Local Resource Type

When the **Use Regular Expression** check box is cleared, the fields under the **Mapping from MARC records** section are configured as follows:

- **MARC field and subfield** – Specify the MARC field and subfield in the source record that contains the resource type that you want to map to this local resource type: `<field> $<subfield>`. For example: `999 $a`
- **Value in MARC field** – Specify the specific value of the resource type that you want to map to this local resource type. If the field can hold several matching values, use a semicolon to separate the possible values. For example:
`exa;ex;Examination paper`

When the **Use Regular Expression** check box is selected, the fields under the **Mapping from MARC records** section are configured as follows:

- **MARC field and subfield** – Specify the MARC field in the source record that contains the resource type that you want to map to this local resource type. The valid fields include any MARC field and subfield (`<field> $<subfield>`), or a MARC fixed field (00X), or **LDR**. For example: **999 \$a** or **008** or **LDR**
- **Value in MARC field** – Specify the regular expression used to extract the resource type from the source field.

Indexing Additional MARC 21 880 Fields

April 2019

This enhancement maps the following MARC 21 880 fields to support additional indexing:

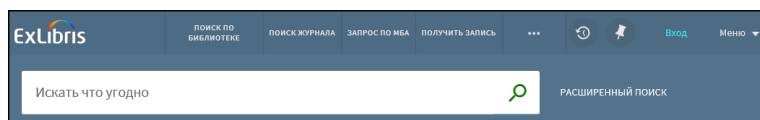
Primo VE Field:	MARC21 fields
Search/ Alttitle	880-210 all subfields 880-246 all subfields
Search/ Addtitle	880-247 all subfields 880-440 all subfields; 880-490 all subfields 880-700 f, k, l, m, n, o, p, r, s, t; 880-710 f, k, l, m, n, o, p, r, s, t; 880-730 a, d, f, k, l, m, n, o, p, r, s; 880-740 a,n,p; 880-760 s, t; 880-765 s, t; 880-770 s, t; 880-772 s, t; 880-774 s, t; 880-775 s, t; 880-776 s, t; 880-777 s, t; 880-780 s, t; 880-785 s, t; and 880-787 s, t 880-800 f, k, l, m, n, o, p; 880-810 f, k, l, m, n, o, p, r, s, t, v; 880-811 f, k, l, n, p, s, t, v; and 880-830 a, d, f, k, l, m, n, o, p, r, s, t, v
Search/ General	880-260 b; 880-264 b
Search/ Toc	880-505 a
Search/ Contributor	880-505 r 880-720 a 880-800 a-e, j, q, u; 880-810 a-e; 880-811 a-d, n

Primo VE Field:	MARC21 fields
Search/Subject	880-600 a-z; 880-610 a-z; 880-611 a-z; 880-630 a-z; 880-650 a-z; 880-651 a-z; 880-653 a-z

Support for Russian Display Language

April 2019

This enhancement adds support for the Russian display language. Users can either set their language per session or configure the default settings to display Russian text by default.



Russian Display Language

Configuration Options

To support this functionality, make sure that the Russian language is enabled for patron viewing in the Institution Languages mapping table. For more information, see [Configuring Institution Languages](#).

UNIMARC Improvements

April 2019

The following improvements have been made to support the discovery of UNIMARC records:

- Allow records to be filtered with the Creator facet.
- Support browse by author and subject for UNIMARC headings.
- Enable hierarchical linking between the parent and child records.
- For Italian customers, permit linking based on the 4XX \$a and \$e subfields instead of the 4XX \$t.

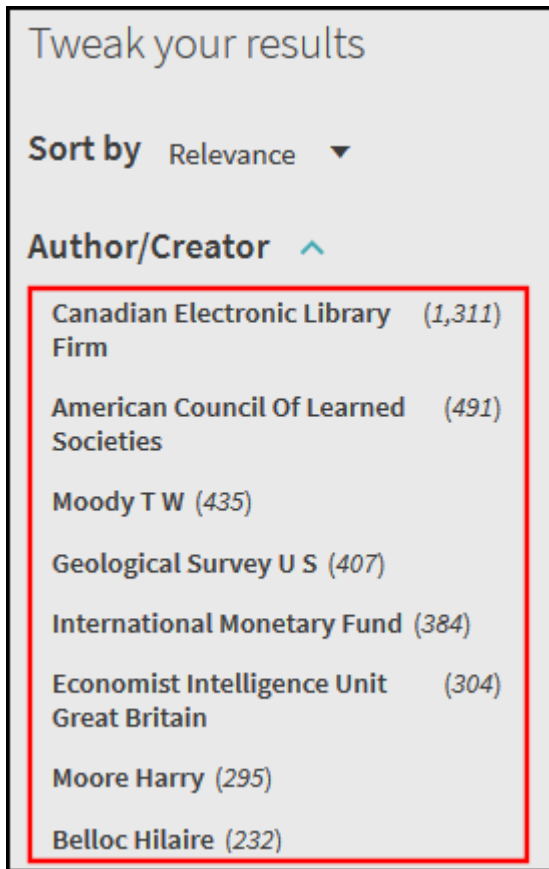
Note

These improvements are applied to new and updated records that are created or updated after April 7. Browse changes will be effective immediately.

Increase Facets to Retrieve up to 50 Values

April 2019

Previously, facets in Primo VE returned up to 20 facet values for local searches and up to 20 more facet values for Primo Central (PC) in blended searches. This enhancement allows you to increase the maximum number of facet values to 50 for local searches only. PC will continue to display a maximum of 20 values in blended searches.



Support for 50 Facet Values

Configuration Options

To support this functionality, the **discovery_facet_limit** parameter has been added to the Discovery Customer Parameters mapping table ([Configuration Menu > Discovery > Other > Customer Settings](#)) to allow you to configure the maximum number of facet values (default = 20) that will display in the Tweak your Results section in the results. The valid values are 20-50. For more information on configuring Customer Parameters, see [Discovery Customer Settings](#).

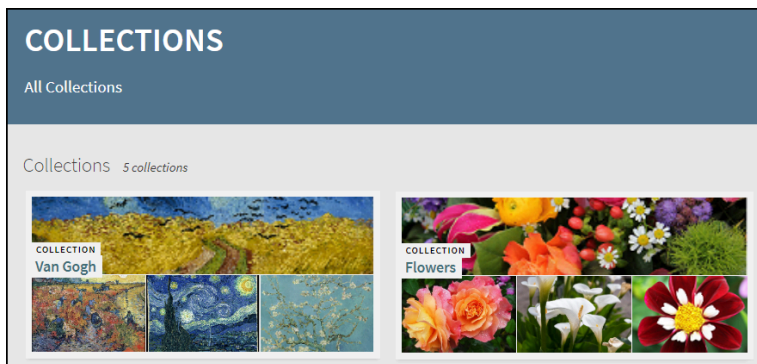
Enhance Visualization in Collection Discovery

March 2019

This enhancement allows you to promote collections by specifying which images appear on each collection's and sub-collection's tile on the Collection Discovery page and in the banner on each collection's page.

Previously, the collection tile displayed up to four images, but used the image that was defined as the collection thumbnail for the first image, and pulled the remaining images from the items associated with the collection. Now, you can use Alma's Collection Resource Editor to manage and select high quality images that you would like to display for the collection or sub-collections. You can specify locally-defined images and images defined within the collection. When images are configured, the following will display per page:

- Collection Lobby - The first four images defined for each collection will display in the collection's tile.

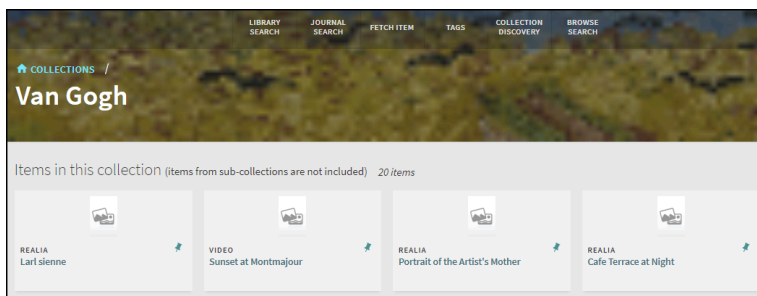


Collection's Tile (Maximum of 4 Images)

Note

- If fewer than four images are configured for a collection, only those images will appear in the tile.
- As in previous releases, the system will display the images from the collection's thumbnails and items if no images are defined for a collection.

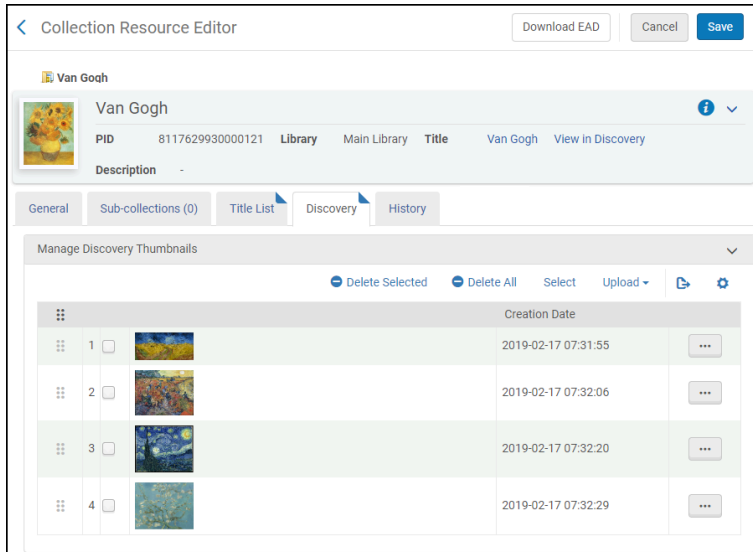
- Collection page - The first image defined for the collection will display in its banner.



Banner on a Collection's Page

Configuration Options

The Discovery tab on the Collection Resource Editor page ([Resources > Manage Inventory > Manage Collections](#)) allows you to add up to 20 image files to the Manage Discovery Thumbnails list. Currently, the system uses only the first four image files in the collection's or sub-collection's tile. There are future plans to enhance the display of collections and to use all the defined images. In addition to selecting image files that are attached to the collection in Alma, you can also add local image files to the list. For more information, see [Managing Images for the Collections Lobby](#).



Discovery Tab

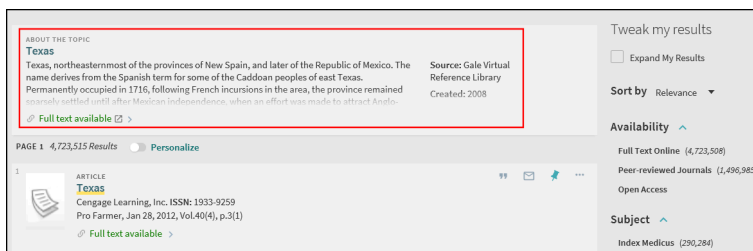
Note

Images must be in .jpg, .jpe, or .png format with a maximum size of 500 KB.

Provide Users with an Immediate Topic Overview for Short Topic Searches

March 2019

Many users start their quest for material with short topic searches, often by looking for keywords to help them to dive deeper into the subject. With this new feature, you can display a short topic overview, which is derived from a reference entry in a collection that you have active, on top of the results list. In the initial release, eligible source collections include the following: Credo, Encyclopedia Britannica, Gale Virtual Reference Library, Worldbook, Netadvance, and Wikipedia. Others will be added in future.



Reference Entry in Results

Configuration Options

This functionality is disabled by default. The following table lists the configuration options that are supported with this functionality.

Configuration Options

Page	Description
View Configuration page (General tab)	Select the Highlight reference entry on top field on the Views Configuration page (Configuration Menu > Discovery > Display Configuration > Configure Views) to enable this feature.
Reference Entry Labels code table	<p>The following codes were added to support the display labels for the reference entry:</p> <ul style="list-style-type: none"> • <code>reference_entry.button.view_more</code> – <code>...View more</code> • <code>reference_entry.mediatype.about_the_topic</code> – <code>About the topic</code> • <code>reference_entry.source</code> – <code>Source:</code> • <code>reference_entry.button.view_less</code> – <code>View less</code>
Calculated Availability Text Labels code table	<p>The following codes were added to support the availability links for the topics:</p> <ul style="list-style-type: none"> • <code>delivery.code.fulltext_topic</code> – <code>Full text available</code> • <code>delivery.class.fulltext_topic</code> – <code>getItGreen</code> • <code>delivery.code.fulltext_linktorsrc_topic</code> – <code>Full text available</code> • <code>delivery.class.fulltext_linktorsrc_topic</code> – <code>getItGreen</code>

Merging Locations within a Single Library That Have the Same External Name

March 2019

A library can have multiple locations with different names, but may have assigned them the same external name in Alma. With this enhancement, Primo VE merges all the locations that have the same external name into a single facet value so that users will now see a single facet entry for all of them.

Note

- This functionality will take effect after the March release without having to reload or recalculate the data. Any change to a location's external name will be applied to the user interface immediately.
- Locations with the same name in other libraries will be listed separately under the Locations facet.

When a facet of this type is selected, the system invokes a facet search that includes all the facets that have the same external name. This is indicated by the existence of multiple **mfacet** parameters in the URL:

```
&mfacet=location_code,include,<Institution ID>-<Library ID>-<Location Code>,1
```

For example:

```
&mfacet=location_code,include,496-13641020000541-biores,1&mfacet=location_code,include,496-13641
```

Display a User Blocks' Expiry Date in My Library Card

March 2019

This enhancement allows you to display the expiration date of user blocks in My Library Card. This can be beneficial for library patrons to view this information and to prevent related inquiries to the library staff.

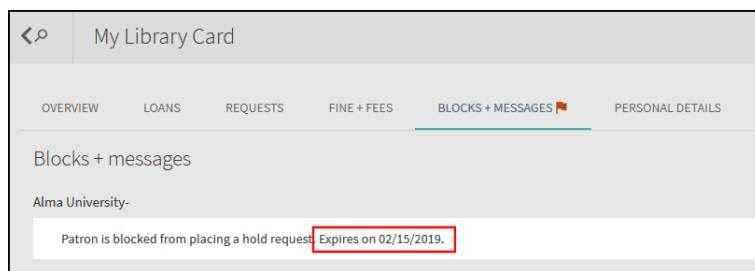
Configuration Options

By default, this option is disabled. To enable this feature, change the following Description of the new **nui.blocks.expiry.date** code in the Library Card Labels code:

```
NOT_DEFINED
```

To something like the following, making sure that description includes the **{0}** placeholder to display the expiration date:

```
Expires on {0}.
```



Expiry Date Enabled in My Library Card

Note

The block and the expiry date fields are separated by a period.

Index Course's Searchable IDs Field

March 2019

In addition to course IDs provided by your CMS (Course Management System), this enhancement enables customers to search for course reserves based on any searchable IDs defined in Alma (see the **Searchable IDs** field in [Managing Course Information](#)).

For information on how to add the **Course Searchable ID** field to Advanced Search, see [Configuring Advanced Searches](#).

Search for: Library Catalog Everything Articles Music Library

Course Searchable ID contains HIST215_Test

Material Type: All items

Language: Any language

Start Date: Day Month

End Date: Day Month

+ ADD A NEW LINE CLEAR

→ Course Searchable ID contains HIST215_Test SEARCH

2 Results

- BOOK

The age of nationalism and reform, 1850-1890 /
Rich, Norman.
c1977

Available at Graduate Library Reference (D359 .R48 1977) >
- BOOK

Modernizing Germany : Karl Biedermann's career in the kingdom of Saxony, 1835-1901 /
Bazillion, Richard J., 1943-
c1990

Available at Main Library Course Reserves (JC263.B544 B39 1990) >

Searching for Course Searchable IDs in Advanced Search

The rules for indexing searchable IDs are applied to all new records that are created or loaded into Alma, as well as any existing records that are modified.

To index searchable IDs in relevant existing records:

- In Alma create a set for all the records that are associated with a course. For more information on how to create an Alma set, see [Managing Search Queries and Sets](#).
 - On the Manage Sets page (**Admin > Manage Jobs and Sets > Manage Sets**), select **Add Set > Logical**.
 - On the Set Details page, specify the following fields and then select **Next**:
 - Set name** – Enter a unique name for the new set.
 - Content Origin** – Select **Discovery** to allow searching of Primo VE metadata.
 - On the second page of the wizard, select **Advanced**.
 - In the Advanced Search box, select **Has Course** and **Exists**, and then select **Search** to perform an Advanced Search.

All titles

Has Course Exists

Clear form Search

All Titles (1 - 20 of 52) 1 2 Cancel Save

Sort by: Rank

- A history of music / by Charles Villiers Stanford and Cecil Forsyth.**

Book (Book - Physical) By Stanford, Charles Villiers, (New York : Macmillan 1930.)
Subject: Music--History and criticism.

Language: English
Record number: KDC01038536
Update Date: 2016/07/08

Physical Electronic Digital Other details

Edit Record Add Reminder

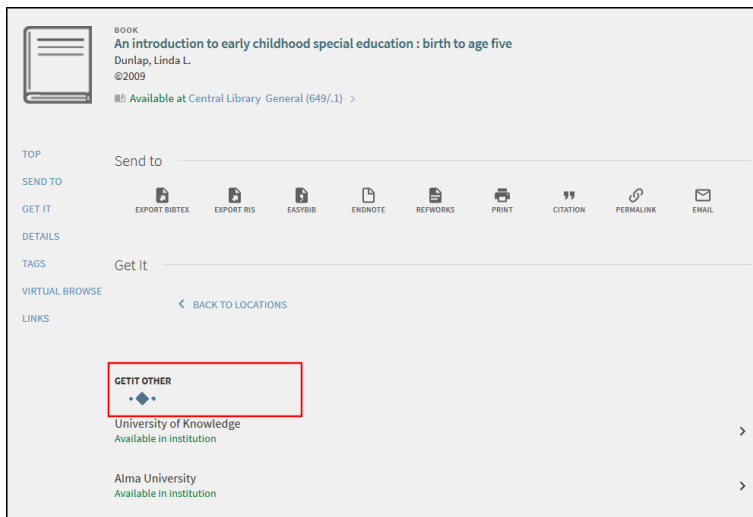
Repository Search

5. Select **Save** to save the new set.
2. Edit the Recalculate Local Resource Types Job (**Admin > Manage Jobs and Sets > Run a Job**) and select the new set.

Adding a Progress Indicator in the Get It Section

March 2019

This enhancement adds the diamonds progress indicator to the Get It section on the Full Display page to inform users that the system is determining whether holdings exist. This indication will appear for consortia in the main Get It and the Get It of other institutions.



Diamonds Progress Indicator in Get It Other Section

Link to Leganto Reading List

February 2019

This enhancement allows users to access their Leganto reading lists by selecting the Course Information link under the Details section of a record's full display.

Details	
Title	People, property, or pets? /
Creator	Hauser, Marc D. > Cushman, Fiery. > Kamen, Matthew. >
Subject	Animals -- Law and legislation -- United States > Animal rights -- United States >
Series	New directions in the human-animal bond >
Publisher	West Lafayette, Ind. : Purdue University Press
Creation Date	c2006
Format	xii, 230 p. ; 24 cm.
Donor note	sg29 2005-05-03 sg29 2005-05-03 sg08 2005-05-04 sg11 2005-05-05 to Dewey aa04 2005-05-13 ps09 2006-08-08 1 copy rec'd., to CIP ver. sg11 2006-08-11 Z-CipVer sg11 2006-08-11 to LL
Source	Library Catalog
Identifier	LC : 2005012734 ISBN : 1557533806 (alk. paper) ISBN : 9781557533807 OCLC : (OCoLC)ocm60375676
Course Information	SOCPEETS: Sociology of Pets; Sociology; Braun, Connie >

Course Information on the Full Display Page

To support this functionality, the <crsinfo> normalization field, which contains all course related information (including the course code), will now store the course code in a new subfield \$\$R. For example:

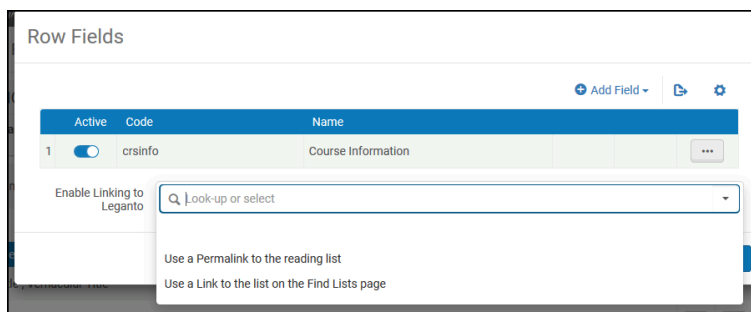
```
<crsinfo>$$RSOCPEETS$$VSOCPEETS: Sociology of Pets; Sociology; Braun, Connie</crsinfo>
```

Configuration Options

Out of the box, the ability to link to Leganto is disabled.

To enable this feature:

1. Open the Views List page (**Configuration Menu > Discovery > Display Configuration > Configure Views**).
2. Edit your view and select the **Full Record Services** tab.
3. Configure the **Details** code, which opens the Edit Full Display Details page.
4. Select **Add Field** to open the Row Fields dialog box.
 1. Add the **Course Information** field.



Row Fields Dialog Box for Course Information Field

2. From the **Enable Linking to Leganto** field select one of the following options to enable linking:
 - **Use a Permalink to the reading list** – This option opens the Leganto My Lists page, which is prefiltered for

this reading list.

- **Use a Link to the list on the Find Lists page** – This option opens the Leganto Find Lists page, which preselects this reading list.

3. Select **Done** to return to the Edit Full Display Details page.

Dedup and FRBR Matching Points Improvements

February 2019

In comparison to Primo, the Dedup and FRBR processes used for Primo VE were much stricter and found fewer matches. This enhancement improves these processes by changing the following match criteria, which determine whether records in Primo VE are the same. For more details, see [Understanding the Dedup and FRBR Processes \(Primo VE\)](#).

Note

These improvements will be applied immediately for any new record added to Alma. For existing records, the system will apply these improvements gradually over the coming weeks.

Process	Field	Description
Dedup	F3 (ISSN)	In addition to field 022 subfields a and e, the ISSN is now also taken from field 776 subfield x.
	F3 (ISBN)	<p>In cases in which a record has more than one ISBN, an F3 key will now be generated for each ISBN. Previously, a key was generated after appending and separating the ISBNs with a semicolon, which prevented matches with records that had a single ISBN.</p> <p>In the following example of an eBook, an F3 key will be generated for each ISBN to allow a match:</p> <ul style="list-style-type: none">• Print record: 020 __ a 9781118850534 (pbk.) : c 32.99• Electronic record: 020 __ a 9781118850541 (e-book) 020 __ a 9781118850534 (pbk.) : 020 __ z 9781118850565 (ePub ebook) : 020 __ z 9781118850541 (PDF ebook)
FRBR	K1 (Author)	<p>No longer check for subfield d (date) in all fields:</p> <p>100 a, b, c, q or 110 a, b, c, q or 111 a, b, c, n, q</p> <p>OR (in case no 100, 110 and 111 exist):</p> <p>700 a, b, c, q 710 a, b, c, q</p>

Process	Field	Description
		711 a, b, c, n, q For UNIMARC, no longer check for subfield f (date) in the following fields: 700, 710, 720, 701, 711, 721.
	K2 (Uniform Title)	No longer check for subfield s (version): 130 a, d, m, n, p, r For UNIMARC, no longer check for subfield q (version) in field 500.
	K3 (Title)	No longer check for subfield s (version) in field 240: 240 a, d, m, n, p, r 245 a, b, e, f, g, n, p 242 a, b, f, g, n, p 246 a, b, f, g, n, p 247 a, b, f, g, n, p 740 a, b, f, g, n, p

Support Dedup and FRBR for DC Records

February 2019

As is done for MARC21 and UNIMARC records, this enhancement applies the Dedup/FRBR processes to Dublin Core (DC) records to reduce the display of duplicate records in search results. For more details, see [Understanding the Dedup and FRBR Processes \(Primo VE\)](#).

Enable Dedup and FRBR Suppression Based on a Library

February 2019

This enhancement allows you create FRBR and Dedup rules that suppress records based on a specific library. To support this functionality, the Suppress Dedup/FRBR Rules page (**Configuration Menu > Discovery > Other > Suppress Dedup/FRBR**) has been updated to allow you to create rules based on a specific library's inventory. For more details, see [Suppressing Groups of Records from Dedup/FRBR for Primo VE](#).

The screenshot shows the 'Define a Suppress Rule' configuration page. At the top, there are fields for 'Code', 'Name', and 'Description', along with radio buttons for 'Suppress' options: 'Dedup and FRBR' and 'Dedup'. Below this is the 'Suppress Conditions' section, which is currently empty. A modal window titled 'Up to 2 conditions can be defined' is open, allowing the user to add a new condition. In this modal, the 'Fields' dropdown is set to 'Inventory: Library', the 'Operator' is set to 'Equals', and the 'Value' is set to 'Graduate Library'. An 'Add' button is visible at the bottom right of the modal.

Suppress by Library's Inventory

Extend Normalization for Display to Support UNIMARC

February 2019

This enhancement allows you to create UNIMARC normalization rules, which allow you to alter the presentation of the out-of-the-box display fields and any local display fields that you have created in Primo VE. The normalization rules are applied immediately to the records for discovery.

To support this functionality, the Define a Display Field page ([Configuration Menu > Discovery > Display Configuration > Manage Display Fields](#)) now includes the UNIMARC Normalization Rule section, which allows you to update the normalization rules for specific display fields after selecting it in the **Field to edit** field. For more details, see [Managing Display and Local Fields for Primo VE](#).

The screenshot shows the 'Define a display Field' configuration page. At the top, there is a 'Field to edit' dropdown menu set to 'Edition'. Below this, there are two sections for normalization rules. The first section is 'Marc21 Normalization Rule', which contains a table with one row: '1 Marc21 normalization rule'. The second section is 'Unimarc Normalization Rule', which is highlighted with a red box and also contains a table with one row: '1 Unimarc normalization rule'. Each table has columns for 'Normalization rule', 'Updated by', and 'Updated date'. There are also icons for adding and editing rules.

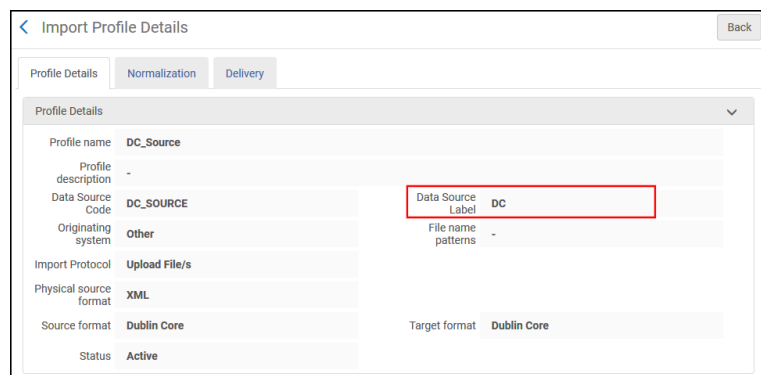
New UNIMARC Normalization Rule Section

When editing a normalization rule for a local display field, Primo VE provides a normalization template to assist in the creation of the field's normalization rule.

Add Data Source Facet for External Data

February 2019

This enhancement adds a new facet called **Data Source**, which allows users to filter search results by an external data source. The data source is based on the Data Source Label field on the Import Profile Details page ([Configuration Menu > Discovery > Loading External Data Sources > Discovery Import Profiles](#)).



The screenshot shows the 'Import Profile Details' page with three tabs: 'Profile Details', 'Normalization', and 'Delivery'. The 'Profile Details' tab is active. The page displays various fields for the profile 'DC_Source'. A red box highlights the 'Data Source Label' field, which contains the value 'DC'. Other fields include 'Profile name', 'Profile description', 'Data Source Code', 'Originating system', 'Import Protocol', 'Physical source format', 'Source format', 'Target format', and 'Status'.

Profile name	DC_Source		
Profile description	-		
Data Source Code	DC_SOURCE	Data Source Label	DC
Originating system	Other	File name patterns	-
Import Protocol	Upload File/s		
Physical source format	XML		
Source format	Dublin Core	Target format	Dublin Core
Status	Active		

Import Profile Details Page

Configuration Options

The new facet is disabled by default.

To ensure that the correct label displays for the data source, you should reload your external data before enabling the new facet.

To enable the Data Source facet:

1. Open the View List page ([Configuration Menu > Discovery > Display Configuration > Configure Views](#)).
2. Edit your view.
3. Select the Brief Results tab.
4. In the Facets section, edit and enable the Data Source facet.

In addition, the following code tables have been updated to support the new facet: **Facet Labels** and **Facets Code Fields Labels**.

Add Execution Logs for Import Profile Process

February 2019

This enhancement allows you to view the execution logs for discovery import profiles so that you can determine where any issues may have occurred during the import. This information is now available on the Events Report page.

To view the execution logs for a discovery import profile:

1. Open the Import Profiles page ([Configuration Menu > Discovery > Loading External Data Sources > Discovery Import Profiles](#)).
2. For the profile that you want to monitor, select **History** to open the Job History page.
3. To view a job's execution logs, select **Events** to open the Events Report page.

Events Report

Job Events

1 - 20 of 133

Filter: All

Event Description	Event Date	Severity	Module	Creator
1 Bulk was finished successfully(BULK_ID=4519890003991, JOB_ID=2456232980003991, F...	08/16/2018 11:30:22 EDT	Information	Discovery	System
2 Bulk was finished successfully(BULK_ID=4519900003991, JOB_ID=2456232980003991, F...	08/16/2018 11:30:22 EDT	Information	Discovery	System
3 Bulk was finished successfully(BULK_ID=4519880003991, JOB_ID=2456232980003991, F...	08/16/2018 11:30:19 EDT	Information	Discovery	System
4 New records added(JOB_ID=2456232980003991, ORIG_SYS_ID=oai:scholar.uct.edu.ebm-s...	08/16/2018 11:30:17 EDT	Information	Discovery	System
5 New records added(JOB_ID=2456232980003991, ORIG_SYS_ID=oai:scholar.uct.edu.ebm-s...	08/16/2018 11:30:17 EDT	Information	Discovery	System
6 New records added(JOB_ID=2456232980003991, ORIG_SYS_ID=oai:scholar.uct.edu.ebm-s...	08/16/2018 11:30:17 EDT	Information	Discovery	System
7 New records added(JOB_ID=2456232980003991, ORIG_SYS_ID=oai:scholar.uct.edu.ebm-s...	08/16/2018 11:30:17 EDT	Information	Discovery	System
8 New records added(JOB_ID=2456232980003991, ORIG_SYS_ID=oai:scholar.uct.edu.ebm-s...	08/16/2018 11:30:17 EDT	Information	Discovery	System

Events Report Page

Enhance Link to Resource Functionality for External Data

February 2019

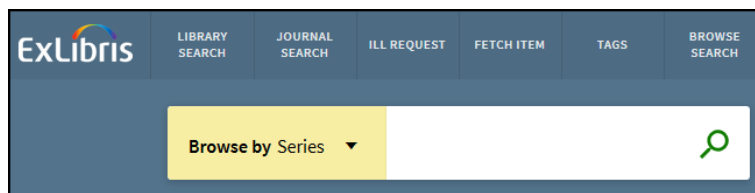
This enhancement improves the handling of MARC 856 fields that are used as link to resources in external records so that the links and their associated labels appear in the View It section of the record's full display. This enhancement includes the following changes:

- Calculation of the link's label – if the link to resource is taken from a MARC 856 subfield u, the y, z, or 3 subfield's value will be used for the link's label. if the 856 field has no y, z, or 3 subfields, the system will use the defined link label. If the link label was not defined, the system will use the default label.
- Display of links – All link to resources from MARC 856 fields that have different calculated labels will appear in the View It section of the record's full display. If multiple links have the same URL and calculated link label, only one of the links will appear in the Links section.

Browse by Series

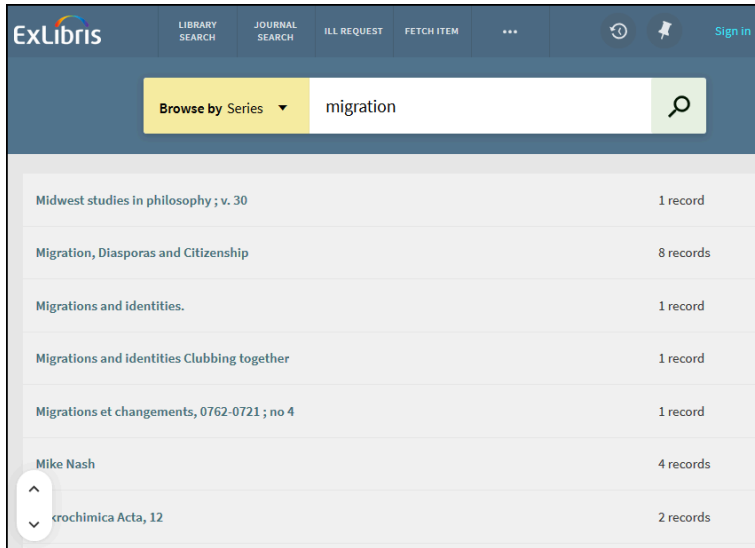
February 2019

This is an additional enhancement to the browse functionality, which now includes the ability to browse for records by series in Primo VE. A Series browse search returns an alphabetical list of headings. Each item in the results list returns a list of related records that can be sorted by title, author, date oldest, or date newest.



Browse Page in Primo VE

The following figure shows an example of the alphabetical list returned from a Series browse. Users can then click one of the items in the list to display the brief results for the item.



Browse by Series Example

Configuration Options

The following table describes the configuration that supports this functionality.

Series Browse Configuration

Element	Description
Links Menu tab in View Configuration	Enables/Disables the Browse link that displays on the Main menu in Primo VE. To configure the Browse by Series option on the Browse Search page, edit the BrowseSearch code and then enable/disable the series option under the Browse List Options section.
Browse Search Labels code table	The following codes define the display labels that are associated with Browse by Series: <ul style="list-style-type: none"> <code>nui.browse.series:</code> Series <code>nui.browse.back.to.series:</code> Back to series from browse list

Accessibility Ongoing Improvements

February 2019

We are continuously working to improve product accessibility to make it comply with the standard of WCAG 2.0 AA level. In this release, we have solved the remaining accessibility issues that were received from an external audit and customer cases. Some of these fixes include the following:

- Search fields now have a programmatically determinable label.
- Fixed the **Skip to Search** link in Advanced or Browse Searches.

For JAWS users:

- Login options are now labeled.

- The arrow keys are now enabled to allow users to navigate between page selector links in the Brief Results.
- Ctrl+ENTER and Ctrl+left click were enabled on various pages in the new UI to allow links to be opened in a new window.
- For screen reader users, added titles and labels to Resource Recommender page.
- Removed unnecessary elements such as the "Show more filters" at the end of Tweak My Result section.
- Added "search results" to the number followed by the facet value to make clearer for screen readers.
- Changed the labels of the search scope drop-down control to make them clearer.
- Fixed the aria-labels in the User area menu.
- In various places in the new UI (such as brief results and full display), patrons cannot right-click links and open them in a new tab. This has been fixed.

We will soon publish the accessibility alignment plan for 2019, which is based on our accessibility audit and customer cases and reports that were communicated to the working group.

Improve Availability Status and Delivery Options for Electronic Items in Multicampus Configuration

February 2019

This enhancement improves the accuracy of the availability status and proposed delivery services for electronic items in multicampus configurations:

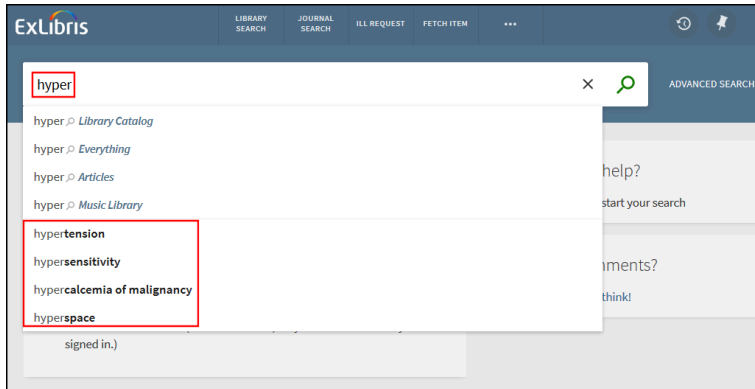
- Availability status – If any of the following conditions are met, the **available online** status will display for items to which the user has access to its full text:
 - A record has been activated for the campus to which the view is affiliated.
 - The user is on campus at any of the campuses for which the record is available.

If none of the conditions are met, the status will display **check for available services**.
- Delivery options – In the View It section of the record's full display, users will see links to which they have access. If there are no available links, the **How to get it** section will appear in the record's full display.

Support Auto Complete for Consortia

February 2019

This enhancement allows member institutions in a consortium to enable the Auto Complete feature for their users. When this feature is enabled for a view, Primo VE requests suggestions from the Auto Complete service as users type in their queries, and then displays the suggestions under the search box. For example:



Auto Complete Example

To enable this functionality, select the **Auto Complete Enabled** field on the General Tab in the View Configuration Wizard. For more details, see [Defining a View](#).

Improve Display of UNIMARC Items

February 2019

This enhancement includes the following changes to the UNIMARC mapping include missing punctuation and subfields:

Display Field	Old Mapping	New Mapping
Creator	700 \$a \$b \$c 701 \$a \$b \$c 710 \$a \$b \$c 711\$a \$b \$c	700 #1 \$a, \$b <\$c> \$d <\$f> 700 #0 \$a <\$c> \$d <\$f> 701 #1 \$a, \$b <\$c> \$d <\$f> 701 #0 \$a <\$c> \$d <\$f> 710 01 \$a <\$c> : \$b 710 02 \$a <\$c> : \$b 710 12 \$a : \$b : <\$c> <\$d>, \$f, \$e 711 01 \$a <\$c> : \$b 711 02 \$a <\$c> : \$b 711 12 \$a : \$b : <\$c> <\$d>, \$f, \$e Example: 700 #1\$aHume \$bDavid \$f1711-1776
Contributor	701 abcf 702 abcf 7110 abcgh	702 #1 \$a, \$b <\$c> \$d <\$f> 702 #0 \$a <\$c> \$d <\$f> 712 01 \$a <\$c> : \$b

Display Field	Old Mapping	New Mapping
	7120 abcgh 7111 a-g 7121 a-g	712 02 \$a <\$c> : \$b 712 12 \$a : \$b : <\$c> <\$d>, \$f, \$e Example: 702 #1\$aSaltel \$bPhilippe \$f1960-.... \$ced. scientifique \$ctrad.
Title	200 \$a,\$e,\$h,\$i	200 \$a,\$b,\$c,\$d,\$e,\$f,\$g,\$h,\$i Punctuation will appear as follows: 200\$a [200\$b]. 200\$c = 200\$d : 200\$e / 200\$f ; 200\$g. 200\$v. 200\$h. 200\$i If multiple \$a subfields exist, they will be separated by a <space><semicolon><space>. For example: 200\$a : 200\$e ; 200\$a [200\$b]. 200\$c = 200\$d : 200\$e / 200\$f ; 200\$g. 200\$v. 200\$h. 200\$i

Support NDC Classification

February 2019

With this enhancement, the following capabilities have been added to support the Nippon Decimal Classification (NDC), which is stored in the MARC 084 field:

- Filtering results with the new **Classification NDC** facet in the brief results.
- Performing advanced searches with the new **Classification NDC** search index.
- Display the NDC in the details section of the record's full display. The NDC classification is mapped to the Identifier field.

To configure this enhancement, enable the new **Classification NDC** fields in the Brief Results and the Advanced Search Configuration tabs on the Views Configuration page. For more information, see [Configuring Discovery Views for Primo VE](#).

Kana to Romaji Transliteration

February 2019

This enhancement allows users to search in Kana (either Hiragana or Katakana) and find results with the matching Romanji value. For Japanese customers, During indexing, documents with Japanese language will be expanded to index the Katakana value based on the Romaji value.

Polish Language Search and Sort Issues

February 2019

This enhancement utilizes the alphabetical order of Polish characters to get proper results upon the following:

- Searches – Searches for letters with diacritics should return matches for diacritics, not the regular letters. Letters with diacritics will not be normalized.

For example:

Search for:	Will search for the phrase:	Will NOT search for:
ławica	ławica	lawica
chłopiec	chłopiec	chlopiec
żrebna	żrebna	zrebna

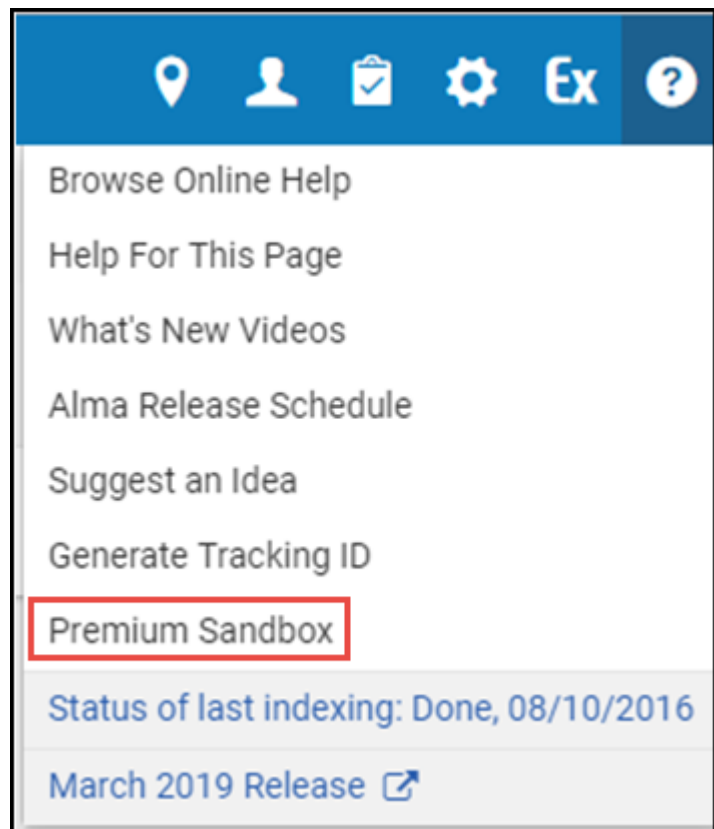
- Sorting – Search results will be sorted in relevance to the Polish Alphabetical order. This means that a character with a diacritic will be sorted after the character that does not have a diacritic.

New Premium Sandbox Policy

February 2019

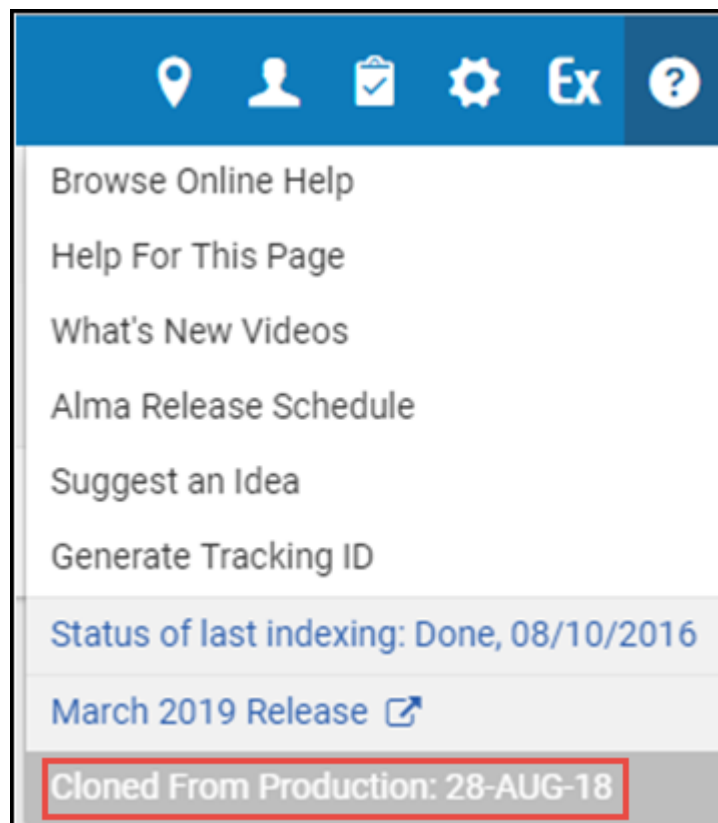
As previously announced, Ex Libris is updating the premium sandbox policy for all of the products that run on the cloud platform (Alma, Primo VE, Leganto, and Esploro) and upgrading the premium sandbox environment's underlying technology. For detailed information on the new policy, see [Ex Libris New 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 were removed. Instead, in your production environment, there is now a link to your premium sandbox from the **Help** menu:



Premium Sandbox Link in Help Menu

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



Date of Last Clone from Production

New Primo Central Activation User Interface

February 2019

The Primo Central Activation user interface has been given a new look and feel and improved performance. The new UI allows users to select collection criteria (such as subscription and access information) and to perform searches on provider and collection names to help manage the activation of your library's collections. In addition, users now have the ability to add notes to collections to provide additional information regarding their activation or deactivation.

Note

The new user interface will be released on January 27, 2019.

Primo Central Collection Activation - Providers List (1 - 10 of 230)

Provider Name Filter

	Provider's Name	# Collections
1	Accessible Archives	16
2	Adam Matthew	91
3	Airtiti Library	2
4	Al Manhal FZ LLC	4
5	Alexander Street Press	145
6	American Council of Learned Societies (ACLS)	1
7	American Economic Association	1
8	American Geosciences Institute	4
9	American Institute of Physics	16
10	American Mathematical Society	1

Items per page: 10 1 - 10 of 230 |< < > >|

Provider List

After selecting a Provider's link in the Provider List, the Collection List opens, allowing you to activate/deactivate collections individually or in bulk. In addition, you can select collection filters and search further on the collection name to narrow your results.

Primo Central Collection Activation - Providers List (1 - 10 of 230)

Provider Name Filter

	Provider's Name	# Collections
1	Accessible Archives	16
2	Adam Matthew	91
3	Airtiti Library	2
4	Al Manhal FZ LLC	4
5	Alexander Street Press	145
6	American Council of Learned Societies (ACLS)	1
7	American Economic Association	1
8	American Geosciences Institute	4
9	American Institute of Physics	16
10	American Mathematical Society	1

Items per page: 10 1 - 10 of 230 |< < > >|

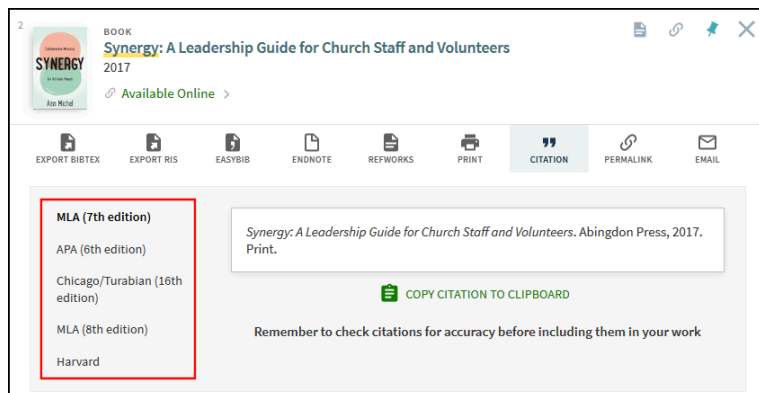
Collection List per Provider

For additional information, see [Primo Central Collection Activation](#).

Support Citation Style Language (CSL)

January 2019

Out of the box, Primo VE supports the following citation styles: APA (6th edition), Chicago/Turabian (16th edition), Harvard, MLA (7th edition) and MLA (8th edition).



Send to Citation Action

With this enhancement, institutions can use the new Citations Styles List page ([Configuration Menu > Discovery > Other > Citations Styles](#)) to manage and include additional citation style languages, which are stored in [GitHub's CSL Style Repository](#).

Code	Label	Order	Enabled
1 modern-language-association-7th-edition	MLA (7th edition)	1	True
2 apa	APA (6th edition)	2	True
3 turabian-fullnote-bibliography	Chicago/Turabian (16th edition)	3	True
4 modern-language-association	MLA (8th edition)	4	True
5 harvard-kings-college-london	Harvard	5	True

Citations Styles List Page (Out-of-the-Box Styles Shown)

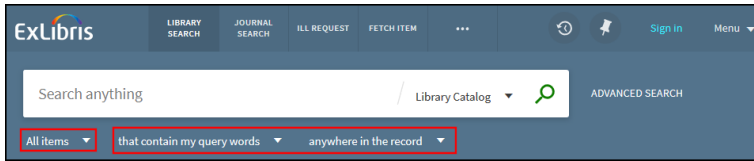
For configuration details, see [Managing Citation Styles for Primo VE](#).

Pre-Filter Search

January 2019

This enhancement allows users to limit their initial search results by selecting the following filters prior to executing a search using Primo VE's basic search:

- **Resource Type** – This filter allows users to narrow their searches to a specific type of resource (such as books or journals). If disabled, searches include all resource types.
- **Search Type** – If filtering by search field is enabled, this filter allows users to select from the following options:
 - **that contain my query words** – The search terms must be found in the selected search field.
 - **with my exact phrase** – The exact phrase must be found in the selected search field.
 - **begins with** – The search terms must be found at the start of the search field.
- **Search Field** – This filter allows users to narrow their searches to a specific search field (such as the author or title) using the operation selected in the Search Type drop-down list. If disabled, searches include all search fields in the record.

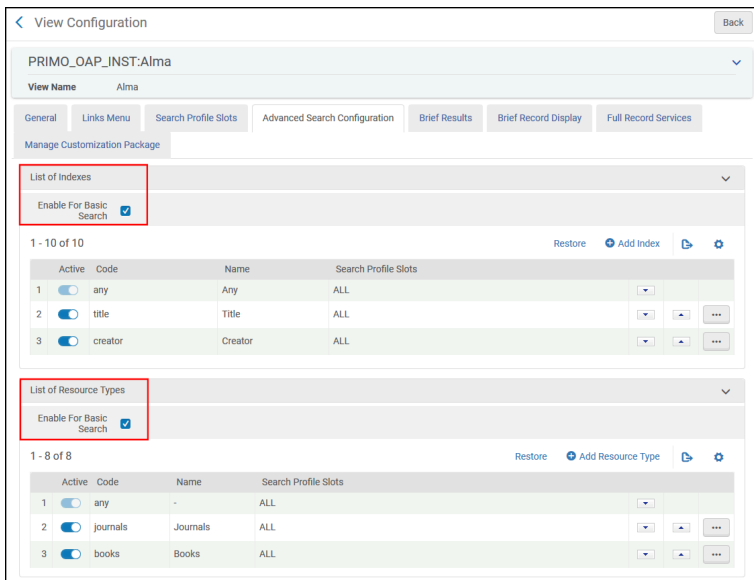


All Pre-Filters Enabled

Configuration Options

To support this functionality, the **Enable for Basic Search** check box has been added to the following sections on the Advanced Search Configuration tab of the View Configuration page.

- **List of Indexes** – When selected, this option displays the Search type and Search Field drop-down lists below the basic search box.
- **List of Resource Types** – When enabled, this option displays the Resource Type drop-down list below the basic search box.



Advanced Search Configuration Tab on View Configuration Page

Labels for the Pre-filter drop-down lists are defined in the Basic Search Pre-Filters Labels code table. For more information, see [Configuring Display Labels for Primo VE](#).

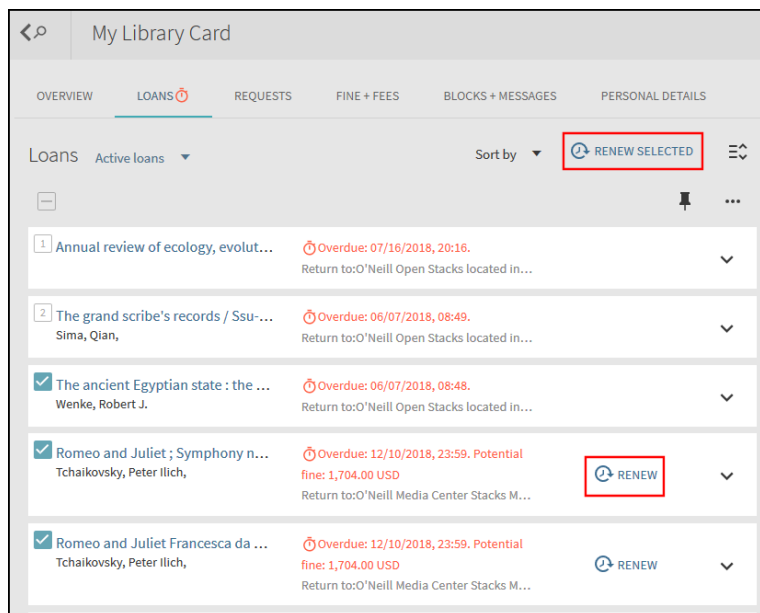
Improve Renew Selected in My Library Card

January 2019

This enhancement adds the ability to renew selected loans from the list with one click in My Library Card. The following renew options are supported in the Loans tab:

- **RENEW SELECTED** (new) - This button appears at the top of the loan list if any but not all loans have been selected in the list. When selected, only the selected loans will be renewed.
- **RENEW ALL** (existing) – This button appears at the top of the loan list when there is a single loan in the list, when no loans are selected in the list, and when all of the loans are selected in the list. When selected, it will attempt to renew all loans in the list.

- **RENEW (existing)** – This button appears for a loan in the list if it can be renewed. When selected, only that loan will be renewed.



Loans Tab in My Library Card

Configuration Options

The following table lists the configurations that are supported with this functionality.

Configuration Options

Page	Description
Library Card Labels code table	The following code was added to define the new Renew Selected button in the Loans tab: <ul style="list-style-type: none"> <code>nui.loans.renewselected</code> – Renew Selected
Loans Lists Labels code table	The following codes were added to define the messages used in the Loans tab: <ul style="list-style-type: none"> <code>nui.loans.renewselected.success.fetchall</code> – The selected loans have been successfully renewed <code>nui.default.loans.renewselected.fail.fetchall</code> – Renew has failed for the selected loans
Aria Labels code table	The following codes were added to define the new renew buttons in the Loans tab: <ul style="list-style-type: none"> <code>nui.aria.account.loans.renew</code> – Renew <code>nui.aria.account.loans.renewall</code> – Renew All <code>nui.aria.account.loans.renewselected</code> – Renew Selected

Increase Visibility of Citation Trail

January 2019

This enhancement allows users to access the Citation Path page from the Brief Results page. Previously, the following citation links were available only on the Full Display page:



– View records that this record cites.



– View records that cite this record.

Now the links also appear on the Brief Results page:



Citation Links in Brief Results (NEW)

Selecting a citation link, opens the Citation Path page, which contains the list of citations and the path to the selected record.



Citation Path Page (Existing)

Configuration Options

The **Citation Trail** option on the Full Record Services Tab of the View Configuration page allows you to activate citation trails in the UI. For more information, see [Configuring the Citations Service](#).

Transport Layer Security (TLS) Support

January 2019

TLS is a cryptographic protocol that provides authentication and data encryption between different endpoints (for example, the user's desktop and the application server). Various vulnerabilities (such as POODLE and DROWN) have been found in TLS versions 1.0 and 1.1 in recent years.

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

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

You can find additional information on TLS at:

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

Resolved Issues

- **December 2019 SF: 00560406, 00587365, 00594319, 00666245, 00701534, 00717921**
Primo resource sharing requests included \$e in the author/creator field and should have included only \$a. This has been fixed.
- **December 2019**
For mobile devices, text in the search box was overwritten on the Journal Search and Database Search pages. This has been fixed.
- **December 2019 SF: 00583241, 00628548, 00706504, 00632201, 00584109, 00587817, 00581789, 00582005, 00655417, 00720060, 00664036, 00590287, 00667911, 00727307, 00711343, 00654591, 00655621, 00582944, 00657931, 00639778, 00591301, 00722754**
In some cases, selecting a title from a Browse Search returned unrelated results. This has been fixed.
- **December 2019 SF: 00712856**
In some cases, the links to component records did not display in the Links section of the host record's full display. This has been fixed.
- **December 2019 SF: 00628586**
The New Records facet was not displayed for results that contained records that were added recently. This has been fixed.
- **December 2019 SF: 00497356**
View It links were disabled when highlighted. This has been fixed.
- **December 2019 SF: 00583737, 00625618**
Some error messages returned on the Full Display page were not translatable or configurable in Primo VE. This has been fixed by adding the following codes to the Request Labels code table:
 - 401136 -> "Failed to save the request: {0}"
 - 401134 -> "Patron has active request for selected item"
 - 401135 -> "Patron has active loan for selected item"
 - 4011350 -> "Patron has an active loan for this title with material type: {0}, loan period policy: {1}. Note that specifying a different material type or a different loan period if possible may enable creating the request."
 - 401150 -> "Physical item requests - Request limit of {0} has been reached. New request cannot be created."
 - 401129 -> "No items can fulfill the submitted request."
 - 400302 -> "Date must be in the future."
- **December 2019 SF: 00625288, 00639077**
When Advanced Searches included restrictions, Boolean operators did not work. This has been fixed.
- **December 2019 SF: 00639070, 00652902, 00678546**
Direct linking for database records was not working. This has been fixed.
- **December 2019 SF: 00646597**

In some cases, requests placed in Primo VE were placed on loaned items instead of items that were available. This has been fixed.

- **December 2019 SF: 00657702**

In some browsers, the second URL entered in a Public Note of Alma did not work in Primo VE. This has been fixed.

- **December 2019 SF: 00700701**

Using Windows 10 with Firefox and the Windows 10's built-in voice input software, it is not possible to interact with all the interface elements on the screen. This has been fixed.

NOTE: All Advanced Search fields and drop-downs are accessible using voice recognition, except the following:

- Publication date > Specific date > Day/Month/Year (both "Start date" & "End date")

- **December 2019 SF: 00723636**

In some cases, a book was treated as if it was a chapter and provided a link to other chapters in a book instead of a link to chapters in the book. This has been fixed.

- **December 2019 SF: 00725177**

When patrons placed a Resource Sharing request in Primo VE, a rota was not being assigned to the requests in Alma. This has been fixed.

- **December 2019 SF: 00687666, 00687698**

Cross-scripting security issue reported in Primo VE. This has been fixed.

- **December 2019 SF: 00711729**

For multi-campus environments, user affiliation was not considered in electronic delivery restrictions. This has been fixed.

- **December 2019 SF: 00736231**

In some cases, the showPnx attribute was not working. This has been fixed.

- **December 2019 SF: 00732144, 00740573, 00740571, 00740638, 00741495, 00741981**

In some cases, resource sharing and fulfillment requests were returning internal server errors. This has been fixed.

- **November 2019 SF: 00696103**

The format of KORMARC source records displayed differently from MARC21 source records in Primo VE. This has been fixed.

- **November 2019 SF: 00706067, 00717189**

The tooltip for the More button on the Main menu could not be translated. This has been fixed by adding the following code to the View Labels code table: nui.mainmenu.description.more.

- **November 2019 SF: 00694751**

Japanese searches containing full-width plus characters (+) in combination with a full-width letter (such as C++) did not return correct results. This has been fixed.

- **November 2019 SF: 00646087, 00700551**

Facet values that included parentheses were missing the right parenthesis. This has been fixed.

- **November 2019 SF: 00669284**

GetIt links not working when 856 subfield u contains URL starting with 'https'. This has been fixed.

- **November 2019 SF: 00674727**

Home page content was not aligned properly after changing zoom percentage in browser. This has been fixed.

- **November 2019 SF: 00660993**

Headings on Full Record display were not visible with screen reader. This has been fixed.

- **November 2019 SF: 00680237**

Swedish translations for the following codes have been fixed in the ViewIt Labels code table:

- c.uresolver.getit2.item_list.status.LOAN.with_expected_date: Utlånad till: {0}

- c.uresolver.getit2.item_list.status.ACQ.with_expected_date: Under beställning till: {0}

- c.uresolver.getit2.item_list.status.OVERDUE.with_expected_date: Till låns - försenad sedan {0}
- c.uresolver.getit.related_title_display: Förteckning över besläktade "{0}" listas nedan

- **November 2019 SF: 00640247**
The 'fetchall' message appears after renewing selected records on Loans tab in My Library Card. This has been fixed.
- **November 2019 SF: 00669842**
Call numbers with Hebrew letters, parenthesis, and numbers were not displayed in order. This has been fixed.
- **November 2019 SF: 00657743**
Could not search external full text in Consortia environments. This has been fixed.
- **November 2019 SF: 00652414**
Course Information in Brief Display was incomplete. This has been fixed.
- **November 2019 SF: 00667456**
In cases of setting up the Primo Resource Recommender while in a non-English Alma interface, the translation to other languages (such as English) did no work correctly. This has been fixed.
- **November 2019 SF: 00647941, 00674335, 00700554**
In some cases, the How to Get It service had a slow response. This has been fixed.
- **November 2019 SF: 00646407**
Digital resource sharing borrowing requests are not including the alternative address and the patron's email address in the request. This has been fixed.
- **November 2019 SF: 00654404**
Kana searching did not work with 245 \$b. This has been fixed.
- **November 2019 SF: 00657682, 00679133**
After refining by creation date facet, the record does not open in a new tab or window. This has been fixed.
- **November 2019 SF: 00637882, 00648327**
Collections activated in NZ do not appear in My Institution. This has been fixed.
- **November 2019 SF: 00568280**
Unexpected Related Titles displayed under Locations for Related Titles on the Full Display page. This has been fixed.
- **November 2019 SF: 00689088**
JAWS could not read search results Chrome/Firefox. This has been fixed.
- **November 2019 SF: 00628072, 00652988, 00674147**
Disabling direct linking for journals did not work in Primo VE. This has been fixed.
- **November 2019 SF: 00589812, 00701417**
The code nui.brief.items.loadMore, which defines the label for the link that displays more items in Collection Discovery, was missing from the Results Tile Labels code table. This has been fixed.
- **November 2019 SF: 00612358, 00620476, 00625973, 00626352, 00627996, 00628291, 00637160, 00641416**
Duplicated views were automatically created with the URLs from original view, such as LibrarySearch (an alternative Main Menu link opens as new browser tab). This has been fixed.
- **November 2019 SF: 00678765, 00691486, 00705261**
In some cases, the MD Editor displayed AVA fields in MARC records. This has been fixed.
- **November 2019 SF: 00614493, 00674618**
Central Index records could not be found unless they had a local record in Alma. This has been fixed.
- **November 2019 SF: 00598609, 00650489, 00683177**
Journal Search retrieved physical journals, but could not retrieve electronic journals. This has been fixed.
- **November 2019 SF: 00585915, 00630401, 00634490, 00661593, 00670696, 00733064**
The success message for resource sharing and purchase requests could not be translated. This has been fixed by adding the **nui.request.success** code to the Request Labels code table.

- **November 2019 SF: 00688819, 00708166**
Selecting the link to display the list of failed records in Saved Search Alert emails returned no results. This has been fixed.
- **November 2019 SF: 00583026, 00612433, 00650402, 00663091, 00667659, 00669968**
The links for General Electronic Services were not ordered correctly in the Full Display. This has been fixed.
- **November 2019 SF: 00598195, 00626800**
The format of the dates in the "Search history" and "Saved search" tabs of My Favorites were not the same. This has been fixed.
- **November 2019 SF: 00579131**
Long queries in Advanced Search overlapped the search buttons. This has been fixed.
- **November 2019 SF: 00551409, 00607468**
Related Reading Links (bX) failed to open with Internet Explorer 11 browsers. This has been fixed.
- **November 2019 SF: 00543824**
When searching for a specific title and sorting by relevance, records with the same title appeared in the middle of the results list. This has been fixed.
- **November 2019 SF: 00538430**
For the iPad, options in the Primo VE login dialog box were cutoff. This has been fixed.
- **November 2019 SF: 00545881, 00618529, 00710789**
No results were returned when limiting by a top-level facet and then by a facet other than a top-level facet. This has been fixed.
- **November 2019 SF: 00505713, 00569611, 00588043, 00609586, 00620046, 00621055, 00624158, 00626306, 00651602, 00700024**
RSS feeds for saved searches were empty after the initial creation of the feeds. This has been fixed.
- **November 2019 SF: 00481312**
Resource Type icons reverted to the generic system default icons. This has been fixed.
- **November 2019 SF: 00511100, 00530555, 00653723, 00614010, 00619955, 00682812, 00688965, 00711440, 00731387**
In Collection Discovery, some of the records appeared twice in the results. This has been fixed.
- **November 2019 SF:**
For Newspaper Search results, the Journal Title facet was limited to 10 facet items. This has been fixed by increasing the limit to 20.
- **November 2019 SF: 00691239, 00691951, 00711245, 00713388, 00717041, 00720962, 00723830, 00727792**
In some cases, the New Records facet did not display or took many page refreshes to get it to display. This has been fixed.
- **September 2019 SF: 00680463**
A typographical error appeared for a French label in the My Account > Requests tab. The label for the following code has been fixed on the Discovery Interface Labels page (**Configuration Menu > Fulfillment > Discovery Interface Display Logic > Labels**): `c.uresolver.getit2.item_list.status.HOLDSHELF.with_expected_date`.
- **September 2019 SF: 00674064**
Hyperlinks in display fields did not work when the link contained highlighted search terms. This has been fixed.
- **September 2019 SF: 00574532**
The label for the Resource Sharing Citation Type was mistakenly used for the Citation Type on the Purchase Request Form. This has been fixed.
- **September 2019 SF: 00556278**
Changing the label for the Syndetics Unbound code in the Results Tile code table did not work. This has been fixed. The following codes are used for Syndetics Unbound:

- Results Tile Labels code table: `brief.results.tabs.syndeticsunbound`
- Aria Labels code table: `nui.aria.fulldisplay.exploreButton`
- **September 2019 SF: 00571288**
"Did You Mean" suggestions did not display when expected. This has been fixed by providing suggestions when results for blended searches (local and PC) contain less than the 15 record threshold for either local records or PC records. Previously, the total results had to be less than 15 records for both sources.
- **September 2019 SF: 00691497**
In some cases, a gray screen appeared on the Full Display page after selecting a record in the search results. This has been fixed.
- **September 2019 SF: 00616275**
Discovery import profile could not import `oai_dc` records with default namespace. This has been fixed.
- **September 2019 SF: 00629798**
In some cases, an availability status for online records appeared when the record contained only physical holdings. This has been fixed.
- **September 2019 SF: 00579953**
Social authentication was not working from Services page in some cases. This has been fixed.
- **September 2019 SF: 00665691**
Advanced search for call number that included Katakana did not return correct record. This has been fixed.
- **September 2019 SF: 00666625, 00694750**
When pinning multiple records from a FRBR group, only one appeared in the Saved Records list. This has been fixed.
- **September 2019 SF: 00627181, 00647452**
When exporting records to BibTex, commas were missing after values in the `.bib` file. This has been fixed.
- **September 2019 SF: 00622270, 00640308**
It was not possible to create a local resource type code that already existed in the system (such as PC resource type: `government_documents`). The system now allows you to create such local resource types for your local data. The new labels will override the existing labels for the local resource type.
- **September 2019 SF: 00637393, 00653139, 00666179**
For the Resource Sharing Request Form, the UI was using a different code for "Issue" than the Resource Sharing Labels code table. This has been fixed by adding the following code: `almaResourceSharing.issue`.
- **September 2019 SF: 00647299, 00690335, 00692091, 00712279**
The Primaws API was returning '400 Bad Request' on the Services page unless `ctx_id` was removed from `openURL`. This has been fixed.
- **September 2019 SF: 00573797, 00666437, 00680468, 00680682, 00695003**
Records from external sources could not be sent by email. This has been fixed.
- **September 2019 SF: 00520552, 00576270, 00628555, 00643094, 00673537, 00696299**
In Resource Recommender, auto-generated link to electronic collection led to a blank page. This has been fixed.
- **September 2019 SF: 00633204, 00670706, 00687802, 00691201, 00694570, 00710745, 00711040, 00619528**
In some cases, searches were failing when records that were removed from an institution's database still existed in the network index. This has been temporarily fixed by replacing each of these records with a dummy record in the UI to prevent the search from failing. With an upcoming fix, the records will be removed from the index completely.
- **August 2019 SF: 00680833**
Browse search could not open full display of records due to missing availability. This has been fixed.
- **August 2019 SF: 00694367, 00696079**
Sign in banner does not appear when silent login is enabled in some cases. This has been fixed.
- **August 2019 SF: 00686065, 00694729**

Custom local data scopes were not working for local fields. This has been fixed.

- **August 2019 SF: 00678772, 00683598, 00683813, 00684073, 00684093, 00684621, 00684993, 00685488, 00686158, 00686175**
The View Online section disappeared after consecutive searches. This has been fixed.
- **August 2019 SF: 00564542, 00667978**
Increasing the discovery_facet_limit parameter to 50 did not affect local fields. This has been fixed.
- **August 2019 SF: 00658931, 00659901, 00662554, 00689295**
Topic Overview (Reference Entry) did not work if the view is configured to include results with no full-text. This has been fixed.
- **August 2019 SF: 00499252**
Digitization request did not work correctly in some cases. This has been fixed.
- **August 2019 SF: 00667208**
Digitization requests at the item level failed. This has been fixed.
- **August 2019 SF: 00654525, 00666249**
Resource types in Full display were not translated. This has been fixed.
- **August 2019 SF: 00653776**
Library name and location under MY Library Card were in English instead of Hebrew. This has been fixed.
- **August 2019 SF: 00631580**
Local fields were not fully searchable when their data included a colon. This has been fixed.
- **August 2019 SF: 00571290**
Direct linking was not working properly for multicampus environments. This has been fixed.
- **August 2019 SF: 00627308**
The User JWT API did not work properly. This has been fixed.
- **August 2019 SF: 00637651**
Lost and Paid status label was incorrect in some environments. This has been fixed.
- **August 2019 SF: 00570574, 00640744, 00645452, 00658842**
Some location names were not translated correctly in availability and facets. This has been fixed.
- **August 2019 SF: 00619046, 00644201**
The Permalink action was not working for Primo Central records that contained special characters. This has been fixed.
- **August 2019 SF: 00579162**
The following message erroneously displayed before availability services were completely loaded: This Item cannot be Requested. This has been fixed.
- **August 2019 SF: 00580375, 00593366, 00594599, 00636693, 00650986, 00675516**
The Open Access facet included records that did not have an Open Access indicator. This has been fixed.
- **August 2019 SF: 00598649, 00614282, 00614655**
Collection Discovery loaded very slowly. This has been fixed.
- **July 2019 SF: 00617082**
In some cases, keyword searches that did not include an AND operator returned redundant records in the results. This has been fixed.
- **July 2019 SF: 00659916**
Pre-filters under simple search does not clear after clicking the logo. This has been fixed.
- **July 2019 SF: 00669501, 00670522**
The label for the item.serviceNotAvailable code was misspelled. This has been fixed.

- **July 2019 SF: 00658568**
Show license - values/content displayed as one HTML tag with a colon as a delimiter. This has been fixed.
- **July 2019 SF: 00664093**
No configuration table for Loan Status Labels in Primo VE. This has been fixed.
- **July 2019 SF: 00659529**
The pickup location name for Home Address was not translated on the Resource Sharing Request Form . This has been fixed.
- **July 2019 SF: 00623372, 00624032, 00628165, 00629385, 00635235**
ILL links were missing metadata. This has been fixed.
- **July 2019 SF: 00606846, 00646878**
Primo Central and manual records added to "My collection" in Leganto did not display in Primo VE. This has been fixed.
- **July 2019 SF: 00515738**
Historic loan records were shown without any information. This has been fixed.
- **July 2019 SF: 00505558**
The top-level facet counts were lower in Primo Analytics after migration to Primo VE. This has been fixed.
- **July 2019 SF: 00659025**
FRBR versions were not displayed when using Korean interface. This has been fixed.
- **July 2019 SF: 00620235**
Users that were explicitly associated with a campus were not able to view Campus resources. This has been fixed.
- **July 2019 SF: 00651090**
Some filters did not work for local scopes. This has been fixed.
- **July 2019 SF: 00587428, 00597470, 00660970, 00683651**
No items could fulfill the submitted request. This has been fixed.
- **July 2019 SF: 00667855**
Incoming OpenURL parameters are changed to 'undefined' when values contained unicode codes. This has been fixed.
- **July 2019 SF: 00604254**
For consortia, the loading of labels on the Login page was very slow. This has been fixed.
- **July 2019 SF: 00526169**
The option to select the vocabulary for Browse search was not working. This has been fixed.
- **July 2019 SF: 00593571**
For Basic searches, journals did not show all locations prior to refresh. This has been fixed.
- **June 2019 SF: 00631015**
Database Search categories appeared for records that had been suppressed in Alma. This has been fixed.
- **June 2019 SF: 00674854, 00675965**
EZproxy did not allow off-campus access of Primo resources. This has been fixed.
- **June 2019 SF: 00670199**
In some cases, title-level requests failed and returned the following message for consortia: `No items can fulfill the submitted request.` This has been fixed.
- **June 2019 SF: 00665683**
Korean searches in Primo VE returned far fewer results than searches in the Alma repository. This has been fixed.
- **June 2019 SF: 00627308**
An issue with user parameters in the Primo User JWT API has been fixed. For more information about the API's

parameters, see [Primo User JWT](#).

- **June 2019 SF: 00445356**
In some cases, the date for saved records in My Favorites displayed null. This has been fixed.
- **June 2019 SF: 00635583, 00664198**
Searches for the author's name in Hebrew did not retrieve any results in basic search. This has been fixed.
- **June 2019 SF: 00619870**
Information that included parentheses in local MARC fields was not displayed correctly in local display fields. This has been fixed.
- **June 2019 SF: 00639838, 00662874**
In some cases, Primo VE searches were taking too long (see [Search Response Time Improvements](#)). This has been fixed.
- **June 2019 SF: 00575235, 00641071, 00575235, 00641071**
In some cases, HTML information appeared in the highlighted portion of the result's snippet. This has been fixed.
- **June 2019 SF: 00630976, 00630977, 00630978**
In some cases, the normalization rules were not applied correctly for Kanji. This has been fixed.
- **June 2019 SF: 00631011**
Sort ranking of Japanese searches has been improved.
- **June 2019 SF: 00631009**
Exact searching in Japanese has been improved.
- **June 2019 SF: 00594829, 00659634**
In some cases, article full text linking failed. This has been fixed.
- **June 2019 SF: 00582886, 00590408, 00607105, 00659972**
In some cases, the following error message appeared when authentication failed: `User is unauthorized in Alma`. This has been fixed.
- **June 2019 SF: 00556581, 00566745, 00608112, 00631442**
The custom label for partial digitization requests did not display. This has been fixed.
- **June 2019 SF: 00526169, 00545911, 00631459**
In some cases, expected author names were missing in results for Author Browse. This has been fixed by allowing you to select which vocabulary to use for Author Browse in View Configuration.
- **April 2019**
If a lateral link (such as **creator** or **is part of**) included a semicolon in the text, the link was broken. This has been fixed.
- **April 2019 SF: 00573383, 00583600, 00597207, 00623084, 00624364, 00630812**
Bibliographic records with only suppressed holdings were appearing in Primo VE when the **SupressBibsWithSupressedHol** customer parameter was set to **true**. This has been fixed.
- **April 2019 SF: 00643458, 00644683, 00645888, 00656444**
The **Loading data** message box stayed open in the MD Editor after selecting **Normalization rules for External Data sources** from the Discovery configuration menu. This has been fixed.
- **April 2019 SF: 00511160**
The following issues with JAWS were corrected:
 1. After reaching the search box with the down arrow, JAWS returns "Search anything", and Enter allows users to type a query.
 2. There is only one sign-in link, and it had a bad aria-label.
- **April 2019**
When using JAWS, **Skip to Advanced Search** did not work for advanced searches. This has been fixed.

- **April 2019 SF: 00601545**
The OpenURL for bX recommendations was not working in Internet Explorer. This has been fixed.
- **April 2019 SF: 00624034**
The Discovery import profile did not delete records with LDR pos. 5='d'. This has been fixed.
- **April 2019 SF: 00642344**
Typographical errors were corrected in the out-of-the-box Spanish labels.
- **April 2019**
Direct Linking was not working properly for PC link to resource records and external data source records. This has been fixed.
- **March 2019 SF: 00631236**
The Database Search label continued to display after switching from Database Search to Journal Search. This has been fixed.
- **March 2019 SF: 00642017**
Unable to import MARC records when the 035 field was missing in the source record. This has been fixed so that the system uses the 001 field when the 035 field is missing.
- **March 2019 SF: 00625319**
The Journal Search label continued to display after switching from Journal Search to Database Search. This has been fixed.
- **March 2019 SF: 00560398, 00570898, 00629891**
Physical records would not display in the results unless the "Held at My Library" facet was selected. This has been fixed.
- **March 2019 SF: 00568280, 00647954, 00648582**
The **display_specific_related_items** parameter was set to **true**, but sometimes Primo VE displayed all items instead of a specific item. This has been fixed.
- **March 2019 SF: 00516756, 00585475, 00586810, 00622673, 00637262**
When commas were included in the Journal Search, expected results were not returned. This has been fixed.
- **March 2019 SF: 00591428**
In some cases, incorrect results were returned after selecting the "available online" and "physical copies available in library" facets. This has been fixed.

This fix is applied to all new records that are created or loaded into Alma, as well as any existing records that are modified.

- **March 2019 SF: 00621480, 00621828, 00622907, 00625732, 00627302, 00628920, 00629395, 00629998, 00630850, 00631467, 00633261, 00635327**
In some cases, the "available online" status changed to no inventory when switching to the record's full details. This has been fixed.
- **February 2019 SF: 00633662**
Korean searches were not working. This has been fixed.
- **February 2019 SF: 00535641, 00582529, 00600845, 00604091**
General electronic services were not displaying for guest users. This has been fixed.
- **February 2019 SF: 00569611, 00620046, 00621055, 00624158, 00626306**
Clicking RSS from saved searches sometimes returned a HTTP 500 error. This has been fixed.
- **February 2019 SF: 00543559, 00565440, 00613156, 00623003, 00624699, 00637715**
Searches for ISSN and ISBNs without hyphens returned no results. This has been fixed.
- **February 2019**

When using the Journal search link from the classic Primo UI, the deep link redirection configuration was not applied and users received a 400 error. This has been fixed.

- **February 2019 SF: 00556880, 00563368, 00582989, 00599192, 00635318**
For 6XX fields, subfield information was displayed in the incorrect order in the record's full details. This has been fixed.
- **February 2019 SF: 00593507**
The full text of an item's public note was not displaying. This has been fixed.
- **February 2019 SF: 00595736**
Searches with Swedish characters that had diacritics returned incorrect results. This has been fixed.
- **February 2019 SF: 00602322**
Consortia were unable to request library items outside of their instances because request was not an option. Fulfillment network request options in Primo VE appeared incorrectly in some of the titles. This has been fixed.
- **February 2019**
For consortia, eJournals were not searchable with Journal Search. This has been fixed.
- **February 2019 SF: 00580522, 00610898, 00611748**
In some cases, the View It section was missing for consortia. This has been fixed.
- **February 2019 SF: 00529209**
For purchase requests, the following issues were fixed:
 - All information was not filled in automatically in the Purchase Request Form.
 - The label for the end page was missing in the **Requester note**.
 - A space was missing between the title and the start page and between the start and end pages in the **Requester note**.
 - The issue number was missing in the **Requester note**.
- **February 2019**
Databases categories were sorting by rank instead of by title. This has been fixed.
- **February 2019 SF: 00622417, 00622903, 00623423, 00623786, 00624602, 00624648, 00624925, 00625005, 00625502, 00625900, 00626101, 00626198, 00627074, 00628203, 00629875, 00632772**
In some cases, links to articles were not returning the correct article. This has been fixed.
- **February 2019 SF: 00584630, 00629448**
Copyright statement was not visible after submitting request. This has been fixed.
- **January 2019 SF: 00512565, 00552108, 00579396, 00610006**
In some cases, the system referred to the address as mandatory field and displayed the **The Field Address line 1 is mandatory** message when users attempted to change their passwords from My Library Card > Personal Details. This has been fixed.
- **January 2019 SF: 00585974, 00588416, 00595254, 00601454, 00607315**
The physical version of an item did not display when there was an electronic version. This has been fixed.
- **January 2019 SF: 00591138**
Exact searches for an author in Advanced Search returned results that did not contain the author. This has been fixed.
- **January 2019 SF: 00590414, 00594332**
In a fulfillment network, users were not able to pick up an item provided by another institution from their own institution. This has been fixed.
- **January 2019 SF: 00607622**
In some cases, the **Available in library** facet did not display when the results contained physical items. This has been fixed.
- **January 2019**
For collaborative networks with no Network Zone, eJournals were not searchable in Journal Search. This has been fixed.

- **January 2019 SF: 00616366,00618295**

For digital resource sharing requests in a fulfillment network, the patron's email address was replaced with the library's email. This has been fixed.