
Primo VE 2023 Release Notes

Additional Information:

- Click [here](#) to view the CDI-related updates at the bottom of this page.
 - Click [here](#) to view the monthly release and maintenance schedules.
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February Sneak Preview

- NERS #8141 – Add configuration to set the display level in the Get IT section to Item level or Location level.
 - Add option to exclude field 561 with indicator 0 (marked as private) from being searchable.
 - NERS #8134 – Allow HTML coding in labels, public notes and collection description.
 - Using the new CDI Subject and Keyword fields.
 - New Primo Showcase Tool - A visual carousel of items tailored to the library's specifications, helping libraries promote their content in other sites.
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November Sneak Preview

- Improve Search Experience when No Results Found.
 - Introduce New Carrousel Widget to Embed Library resources in other sites
 - Add configuration to use Filtered/Expand search for Citation Trail results.
 - Enhancing DEDUP & FRBR Definitions to include Keys based on local fields.
 - Define additional availability statuses when using Discovery Import Profile.
 - Support UNIMARC in Discovery Import Profile.
-

May Sneak Preview

- Add a new Operator “Equals exact phrase” to support the exact and only for Title, Creator and Subject fields (NERS)
- Improving user's session timeout experience – Add new settings for users' notification upon session timeout and option for users to extend future's sessions automatically (NERS)
- Adding the ability to custom the OTB Resource Types rules and conditions (NERS)
- Linked Data (Author Info Card) – enrich the Full Record Display with Info Cards about the creators powered by WIKIDATA

- Introduce new Resource Types filters under the Search Bar – enables users to narrow their search results easily by main resource type
- My Library Card Improvement – enables users to view their fines filtered by Fine Status (Active/Transferred/Closed)

August Sneak Preview

- Linked Data: Person Information Card – Display related persons information card based on linked data.
- Display item policy in Get It.
- FRBR group – Highlight the preferred record on the top of list of versions.
- Enhance DEDUP and FRBR definitions to include keys based on local fields.

Features

Enable Users to Filter or Expand Citation Trail Results

November 2023

Previously, citation trail results were filtered only by availability, which meant that citations were not included if the citations belonged to CDI collections that did not have access to full text. With this enhancement, users can enable/disable the expansion of citation trail results. In addition, you can set the default setting (filter or expand results) for your views. The default setting is to filter out CDI collections that do not have access to full text.



Filter by Availability in Citation Trail Results

Note

This functionality works independently from the Expand My Results option on the main search page.

Analytics - Expand Citation Trail Results

To support this functionality, the following actions have been added to the Action Usage subject area:

Group	Subgroup	Action	Description
Document	Citation Trail	Turn on Expand My Results	The user selected the toggle to expand citation trail results to include collections that do not have access to full text.
		Turn off Expand My Results	The user selected the toggle to filter the citation trail results by availability.

Configuration Options

The ability to filter or expand results is displayed without configuration on the Citation Results page, but you can configure whether to filter or expand citation trail results by default by selecting (default) or clearing the new **Filter by availability** checkbox, which is accessed from the Full Record Services tab on the View Configuration page ([Configuration > Discovery > Display Configuration > Configure Views](#)). When the checkbox is cleared, the results are expanded to include all citations regardless of availability. For more information, see [Configuring the Citations Service](#).

Filter by Availability Option - Edit Citation Service Dialog Box

Preserve the Formatting of Citations Copied from Primo (NERS #8157)

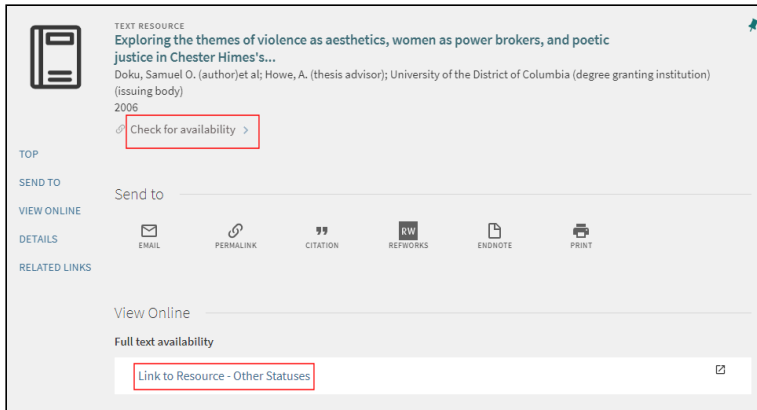
November 2023

Previously, the Citation export action copied citations to the clipboard in plain text format, but the citation's formatting (such as italics) was lost when copying it to a document (such as Word). The Citation export action now saves the citation to the clipboard in Rich Text Format (RTF) and retains the citation's formatting when copied to Word documents. When using a text editor such as Notepad, the text is copied without formatting.

Support Restricted Availability Statuses for External Records

November 2023

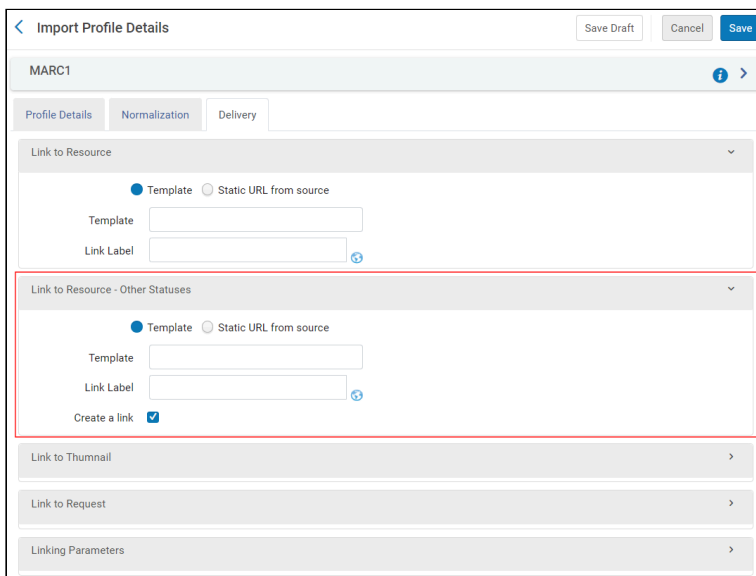
Previously, records loaded into Primo VE from external data sources were considered unrestricted and given the **Available online** availability status and the same label for links to full text in the View Online and Links sections of the record's full display. With this enhancement, you can now display a different availability status for records with restricted or no access to full text. In addition, you have the option to omit the links in the View Online and Links sections of the record's full display if full text is unavailable for the record.



Restricted Access to Full Text in Full Display

Configuration Options

The Link to Resource - Other Statuses section has been added as a delivery option in discovery import profiles ([Configuration > Discovery > Loading External Data Sources > Discovery Import Profiles](#)) to enable restricted availability statuses and links to full text. If both restricted (Link to Resource - Other Statuses) and unrestricted (Link to Resource) sections are enabled, only one option is used based on precedence and conditions. For detailed information, see [Configuring Import Profiles for Primo VE](#).



Discovery Import Profile - Add Other Statuses

In addition, the following codes have been added to the Calculated Availability Text Labels code table to provide labels for availability statuses and links for records with restricted or no access to full text:

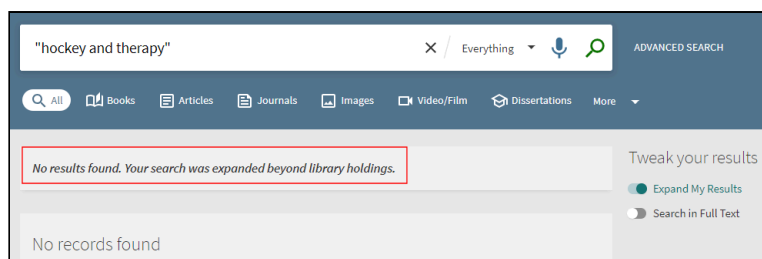
Code	Description
delivery.code.ext_restrictedNoLink	This code displays the following availability status label when there is no access to full text: Not available online

Code	Description
delivery.code.ext_restrictedWithLink	This code displays the following availability status label when there is restricted access to full text: Check for availability
delivery.code.ext_restrictedNoLink_and_physical	This code displays the following availability status label when there is no access to full text, but there may be access to physical inventory: Not available online + Check holdings
delivery.code.ext_restrictedWithLink_and_physical	This code displays the following availability status label when there is restricted access to full text, but there may be access to physical inventory: Check for availability + Check holdings
delivery.code.ext_restrictedNoLabel	This code displays the following label for full text links if no label is configured for restricted resources: Link to external resource

Improve Search Experience for No Results Found (NERS #6729)

November 2023

You now have the ability to set whether searches that return no results will automatically expand the search to include CDI collections that have not been activated in Alma. In addition, users will be notified when their searches have been expanded automatically. When enabled and searches are not already expanded for CDI, the following message appears if a search in CDI first returns no results without expansion:



Expansion Used - No Results Found

Configuration Options

This functionality is disabled by default. Refer to the following table for information on how to enable this functionality and to configure additional settings.

Element	Description
Discovery Customer Settings page (Configuration > Discovery > Other > Customer Settings)	To enable this functionality, set the expand_my_results_when_no_results parameter to true .

Element	Description
	For additional information, see Discovery Customer Settings .
Results Tile Labels code table (Configuration > Discovery > Display Configuration > Labels)	The following code was added to support the customization and translation of the messages display label: nui.results.search.was.expanded – No results found. Your search was expanded beyond library holdings.

Loading Records from External Sources (UNIMARC)

November 2023

You can now import UNIMARC records from external sources into Primo VE for discovery in your local catalog. With the use of existing UNIMARC normalization rules, the records are mapped and normalized into Primo VE for discovery.

To support this functionality, the following changes were made to the Primo VE configuration pages:

- Discovery Import Profile page ([Configuration > Discovery > Loading External Data Sources > Discovery Import Profiles](#)):

The screenshot shows the 'Import Profile Details' form with the following fields and values:

- Profile name: [Empty]
- Profile description: [Empty]
- Data Source Code: [Empty]
- Data Source Label: [Empty]
- Originating system: Other
- File name patterns: [Empty]
- Import Protocol: Upload File/s
- Physical source format: XML
- Source format: UNIMARC Bibliographic (highlighted with a red box)
- Target format: UNIMARC Bibliographic (highlighted with a red box)
- Status: Active

Resource Recommender - Enhanced Search Capability

November 2023

Resource Recommender now supports the following enrichments so that the search query does not have to exactly match the searchable tag to display the matching recommendations:

Type of Enrichment	Search Query	Searchable Tag
Synonyms	FDA	food and drug administration
Inflections (English only)	history	histories
Stop words (English only) are ignored in the search query and searchable tag: a, an, and, are, as, at, be, but, by, if, in, into, is,	harry potter	harry potter and the philosopher's stone

Type of Enrichment	Search Query	Searchable Tag
it, for, of, on, or, no, not, such, that, the, their, then, there, these, they, this, to, was, will, with.	stone	<hr/> <p>Note</p> <p>By default, at least 75 percent of the search terms (not including stop words) must be included in the search query to return a recommendation. In this example, three out of four words match the tag.</p> <hr/>
Words ordered differently from searchable tag	harry potter	potter harry

Note

Upon updating or adding new resource recommendations, tags are indexed immediately like other metadata changes to records.

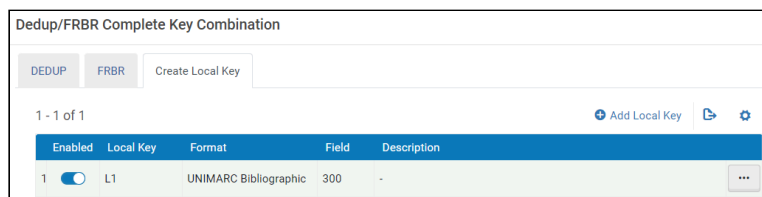
Configuration Options

This functionality is enabled by default. If you do not want to change the default setting of the minimum number of matching search terms, modify the value of the **resource_recommender_tags_min_coverage** parameter on the Discovery Customer Settings page ([Configuration > Discovery > Other > Customer Settings](#)). For more information, see [Discovery Customer Settings](#).

Create Local Keys for FRBR/Dedup Matching

November 2023

To update how records are matched for FRBR and Dedup, you can now create a maximum of 20 local keys (L1 – L20), which can be used to create or update complete keys used for matching. To support the creation of local keys, the Create Local Key tab has been added to the Dedup/FRBR Complete Key Combination page ([Configuration > Discovery > Other > Dedup/FRBR Complete Key Combination](#)). For more details, see [Creating a Local Key](#).



Dedup/FRBR Complete Key Combination Page - Create Local Key Tab

Enable Setting of Personal Delivery Locations from Hold Request Form

November 2023

When this functionality is enabled, users can select a personal delivery location (such as home or work) and either add or modify its details on the Request Form. After placing the request, the location information is updated in the user's account.

In addition to the home and work locations, additional personal delivery locations can be configured and selected from the Request Form.

In the following example, the user selected **Work Address**, but it had not been added to the user's account previously.

Request Type Request Booking

Pickup Location
★ Work Address ▼

Address Line 1 _____

Address Line 2 _____

Address Line 3 _____

Address Line 4 _____

City _____

State/Province _____

Postal Code _____

Add Address for User's Work Location from Request Form

Configuration Options

This functionality is disabled by default. Refer to the following table for information on how to enable this feature and to set other configuration options. For more details, see [Setting Personal Delivery Locations from Hold Request Form](#).

Element	Description
Hold and Booking Request Form page (Configuration Menu > Discovery > GetIt Configuration > Hold and Booking Request)	To enable users to add or modify address information for personal delivery location types, display the following fields on the Request Form: addressLine1 – addressLine4 , city , stateProvince , postalCode .
Request Labels code table (Configuration > Discovery > Display Configuration > Labels)	The following codes enables you to customize and translate the display labels for the address fields on the Request Form:

Element	Description
	<ul style="list-style-type: none"> • almaRequest.addressLine1 – Address Line 1 • almaRequest.addressLine2 – Address Line 2 • almaRequest.addressLine3 – Address Line 3 • almaRequest.addressLine4 – Address Line 4 • almaRequest.city – City • almaRequest.stateProvince – State/Province • almaRequest.postalCode – Postal Code
<p>Additional Personal Delivery Address Types (Configuration > Fulfillment > Patron Configurations > Additional Personal Delivery Address Types)</p>	<p>Other than the standard personal delivery location types for work and home addresses, this table enables you to define 10 additional personal delivery location types to which users can add or modify address information (such as their address and city).</p> <p>You can customize and translate the display values for each type by updating the Description and Translation columns for each of the following codes:</p> <ul style="list-style-type: none"> • P_DELIV_ADDRESS_1 – Personal delivery address type 1 • P_DELIV_ADDRESS_2 – Personal delivery address type 2 • ... • P_DELIV_ADDRESS_10 – Personal delivery address type 10 <p>For more information, see Configuring Additional Personal Delivery Locations.</p>

Primo Analytics - Track Provider for Quicklink Actions

November 2023

With the addition of the following actions to the Customized Values Usage subject area, you can now track the selection of HTML and PDF Quicklinks based on the provider:

Group	Subgroup	Action	Description
Document	Link	Link to HTML fulltext using CDI Quicklink	The user selected a CDI Quicklink to the HTML version of the full text from a specific provider.
		Link to PDF fulltext using CDI Quicklink	The user selected a CDI Quicklink to the PDF version of the full text from a specific provider.

For more information, see [Analytics Subject Areas for Primo VE](#).

Add Customized Values Usage Subject Area to Primo Analytics (NERS #7186)

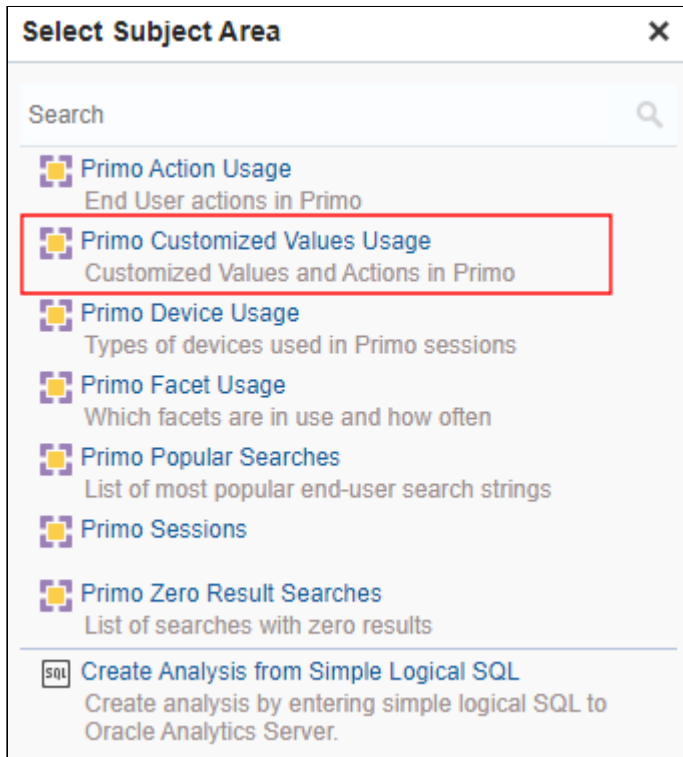
August 2023

The Primo Customized Values Usage subject area has been added to Primo Analytics to report usage actions that require

Primo to send dynamic information such as a collection name or resource type. For more details, see [Primo Customized Values Usage](#).

Note

Although the reporting of this data usage is available with this release, the collection of this data usage started with the May release.



Primo Customized Values Usage Subject Area

The following actions are supported with the Primo Customized Values Usage subject area:

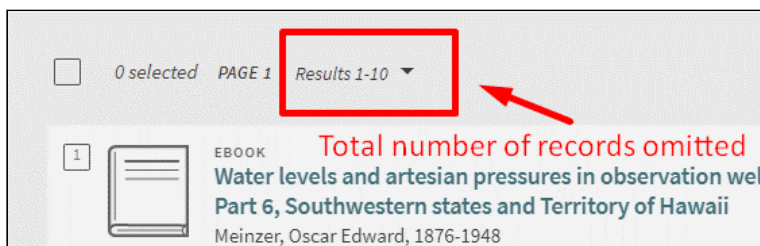
Group	Subgroup	Action	Description
Filters Bar	Filters Bar	Clicking on a resource type filter bar	<p>The user selected All or a resource type in the Resource Type Filter Bar.</p> <p>The resource type name displays in the Customized Value column.</p>
Collection Discovery	Collection Discovery	Display a collection	<p>User selected a specific collection in Collection Discovery.</p> <p>The collection name displays in the Customized Value column.</p>
		Search in a collection or sub collection	<p>User searched within a specific collection/sub-collection in Collection Discovery.</p> <p>The collection name displays in the Customized Value column.</p>
		Link to Collection path from full display	<p>User linked to a specific collection from a record's full details.</p> <p>The collection name displays in the Customized Value column.</p>
		Link to Collection from Results List	<p>User linked to a specific collection from the results list.</p> <p>The collection name displays in the Customized Value column.</p>
		Add collection to favorites	<p>User added a specific collection to My Favorites.</p> <p>The collection name displays in the Customized Value column.</p>

Improve Performance of Browse Search

August 2023 (Updated June 20, 2024)

This functionality improves the response time after selecting an entry with many results in the Browse Search List. When enabled, you may notice the following display differences in Browse Search results:

- Dedup/FRBR is disabled in Browse Search when this functionality is enabled.
- The total number of browse results does not appear next to the page's details.
- Selecting a facet automatically makes the search work in the original (non-paged) mode.



Indication that Performance Enhancements are Enabled

Configuration Options

This functionality is enabled by default and requires assistance from Support to disable it.

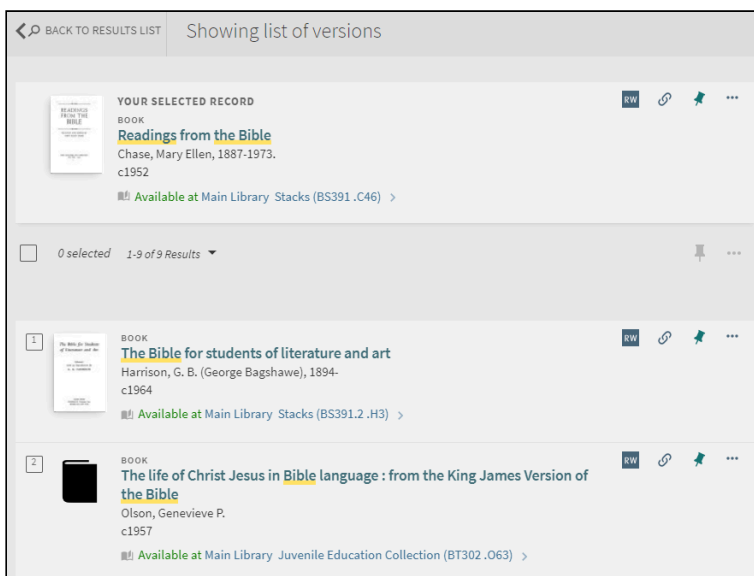
The following code has been added to support the customization and translation of display labels for this functionality:

Code Table	Code	Description
Results Tile Labels	nui.results.title.resultsDisplayedNoTotal	Results {{resultsRange}}

Highlight Selected Record in FRBR Version List (Idea Exchange)

August 2023

When opening the list of FRBR versions for a record in search results, the selected record is usually not the first record in the list. When this functionality is enabled, the selected record appears above the complete list of FRBR versions, starting with the preferred record.

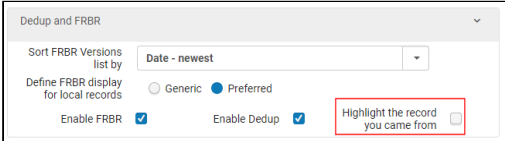


Selected Record in FRBR Preferred List

Configuration Options

This functionality is disabled by default. Refer to the following table for information to enable this feature and to set other configuration options.

Element	Description
Brief Results tab on View Configuration Page (Configuration > Discovery > Display Configuration > Configure Views)	The new Highlight the record you came from field in the Dedup and FRBR section appears when the Preferred and Enable FRBR options are enabled. The checkbox is cleared by default.

Element	Description
	 <p>Dedup and FRBR Section</p>
Results Tile Labels code table (Configuration > Discovery > Display Configuration > Labels)	<p>The following code enables you to customize and translate the display label for the selected record:</p> <ul style="list-style-type: none"> • <code>nui.frbversion.highlightrecord</code> – Your Selected Record

Resource Recommender - Enhanced Search Capability

August 2023

Resource Recommender now supports the following enrichments so that the search query does not have to exactly match the searchable tag to display the matching recommendations:

Note

After a careful review of this enhancement, the suggested results were too broad in some cases and could lead to an unsatisfactory user experience. To address this matter effectively, we have disabled this feature and look to reintroduce this feature in the November release.

Type of Enrichment	Search Query	Searchable Tag
Synonyms	FDA	food and drug administration
Inflections (English only)	history	histories
Stop words (English only) are ignored in the search query and searchable tag: a, an, and, are, as, at, be, but, by, if, in, into, is, it, for, of, on, or, no, not, such, that, the, their, then, there, these, they, this, to, was, will, with.	the history of the united states	history united states
Words ordered differently from searchable tag	harry potter	potter harry

Note

- Upon updating or adding new resource recommender, tags are indexed immediately like other metadata changes to records.
 - For existing resource recommendations, indexing is required. The next full indexing is planned for the beginning of August.
 - This enhancement will become fully available after the indexing of existing recommendations.
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Display Document Attributes for CDI Records

August 2023 (Updated April 4, 2025)

CDI document attributes provide more information about the record's type and complement the existing resource types. When enabled, they display as a flag (Regular and Warning types) in the brief and full displays of the CDI record. In addition, users can select these attributes as additional resource types in facets and search queries. For more information, see [CDI Document Attributes](#).

The following CDI attributes will be fully supported after the Primo VE Production release on August 6. Please note that this feature cannot be tested in Sandbox before this date. Activating this feature before the release date will display sporadic elements that are not intended to be used.

Attribute Name	Type	Source	Definition
Review Article	Regular	PubMed, BMJ, Springer, Elsevier	An article that provides analysis, review or interpretation of a body of primary research on a specific topic. Presents a current state of the research on a particular topic or research area.
Primary Source	Regular	Alexander Street Press	Primary sources provide first-hand testimony or direct evidence concerning a topic under investigation. They contain the actual textual material that is the subject of research. The Library of Congress refers to them as the "raw materials of history — original documents and objects which were created at the time under study.
Preprint	Regular	ArXiv	A preprint is a preliminary version of a scientific manuscripts that researchers share by posting to online platforms known as preprint servers before peer-review and publication in an academic journal. Preprints are typically published in Preprint servers, publicly available online archives that host preprints and their associated data.
Retracted Publication	Warning	PubMed, Crossref	A retraction is the action by which a published paper in an academic journal is removed from the journal because the publication contains such seriously flawed or erroneous data that their findings and conclusions cannot be relied upon. Unreliable data may result from honest error or from research misconduct. Datasets can also be retracted. The original article may have and in most cases a different date from the retraction notice.

Attribute Name	Type	Source	Definition
Retraction Notice	Warning	PubMed, Crossref	A retraction notice typically accompanies the retraction of a scientific publication. It is a short article written by the editors or authors explaining the reason for a retraction.
Publication with Addendum	Warning		A publication that contains an addendum, which is a notification of additional information to an article.
Publication with Corrigendum	Warning		A publication with a correction notice or corrigendum, which is a change to the article that the author may publish at any time after the article acceptance or publication, usually to correct an error.

The following example shows a CDI record with a Retracted Publication warning:

Retracted Publication Warning in CDI Search Results

Configuration Options

This functionality is disabled by default. Refer to the following table for information to enable this feature and to set other configuration options.

Note

It is not possible to enable/disable individual CDI document attributes, but each attribute has a different class so that it is possible to hide specific attributes using your customization package manager ([Configuration > Discovery > Display Configuration > Configure Views > Manage Customization Package tab](#)).

Element	Description
General tab on View Configuration Page (Configuration > Discovery > Display Configuration > Configure Views)	<p>Select the new Display CDI document attributes field to enable the display of CDI document attributes for CDI records. This checkbox is cleared by default.</p> <hr/> <p>Note</p> <p>The CDI document attributes should not be defined as secondary resource types on the Secondary Resource Types page (Configuration > Discovery > Search Configuration ></p>

Element	Description
	<hr/> <p data-bbox="591 281 878 308">Secondary Resource Type).</p> <hr/>
<p data-bbox="128 663 516 751">Facet Resource Type Labels code table (Configuration > Discovery > Display Configuration > Labels)</p>	<p data-bbox="570 415 1435 470">The following codes enable you to customize and translate the display labels for the facet values:</p> <ul data-bbox="583 499 1503 997" style="list-style-type: none"> <li data-bbox="583 499 1154 527">• facets.facet.facet_rtype.review_article – Review Articles <li data-bbox="583 552 1182 579">• facets.facet.facet_rtype.primary_source – Primary Sources <li data-bbox="583 604 1032 632">• facets.facet.facet_rtype.preprint – Preprints <li data-bbox="583 657 1292 684">• facets.facet.facet_rtype.retracted_publication – Retracted Publications <li data-bbox="583 709 1312 737">• facets.facet.facet_rtype.withdrawn_publication – Withdrawn Publications <li data-bbox="583 762 1211 789">• facets.facet.facet_rtype.retraction_notice – Retraction Notices <li data-bbox="583 814 1230 842">• facets.facet.facet_rtype.withdrawal_notice – Withdrawal Notices <li data-bbox="583 867 1503 894">• facets.facet.facet_rtype.publication_exp_concern – Publications with Expression of Concern <li data-bbox="583 919 1365 947">• facets.facet.facet_rtype.publication_addendum – Publications with Addendum <li data-bbox="583 972 1406 999">• facets.facet.facet_rtype.publication_corrigendum – Publications with Corrigendum
<p data-bbox="128 1457 516 1545">Results Tile Labels code table (Configuration > Discovery > Display Configuration > Labels)</p>	<p data-bbox="570 1083 1425 1138">The following code enables you to customize and translate the display labels for the CDI attribute:</p> <ul data-bbox="583 1167 1495 1913" style="list-style-type: none"> <li data-bbox="583 1167 997 1194">• attribute.review_article – Review Article <li data-bbox="583 1220 1484 1308">• attribute.review_article_tooltip – A review article presents the current state of the research on a particular topic or research area via the review of primary research on that specific topic <li data-bbox="583 1333 1024 1360">• attribute.primary_source – Primary Source <li data-bbox="583 1386 1487 1474">• attribute.primary_source_tooltip – A primary source provides first-hand testimony or direct evidence concerning a topic under investigation. It contains the actual textual material that is the subject of research <li data-bbox="583 1499 873 1526">• attribute.preprint – Preprint <li data-bbox="583 1551 1484 1640">• attribute.preprint_tooltip – A preprint is a preliminary version of a scientific manuscript that researchers share by posting to preprint servers before peer-review and publication in an academic journal <li data-bbox="583 1665 1133 1692">• attribute.retracted_publication – Retracted Publication <li data-bbox="583 1717 1487 1806">• attribute.retracted_publication_tooltip – A retracted Publication is a published paper in an academic journal that is removed from the journal because the publication contains flawed or erroneous data <li data-bbox="583 1831 1154 1858">• attribute.withdrawn_publication – Withdrawn Publication <li data-bbox="583 1883 1495 1911">• attribute.withdrawn_publication_tooltip – A withdrawn publication is a paper in an academic

Element	Description
	<p>journal that is removed from the journal before the article is published (before or after peer review, during peer review or just before publication)</p> <ul style="list-style-type: none"> • attribute.retraction_notice – Retraction Notice • attribute.retraction_notice_tooltip – A retraction notice accompanies the retraction of a scientific publication. It is a short article written by the editors or authors explaining the reason for the retraction • attribute.withdrawal_notice – Withdrawal Notice • attribute.withdrawal_notice_tooltip – A withdrawal notice accompanies the withdrawal of a scientific publication. It is a short article written by the editors or authors explaining the reason for the withdrawal • attribute.publication_exp_concern – Publication with Expression of Concern • attribute.publication_exp_concern_tooltip – An editorial expression of concern is a notice issued by a publisher against a particular publication, warning that it may contain errors or be otherwise untrustworthy, without itself constituting a retraction or correction • attribute.publication_addendum – Publication with Addendum • attribute.publication_addendum_tooltip – A publication that contains an addendum, a notification of an addition of information to an article • attribute.publication_corrigendum – Publication with Corrigendum • attribute.publication_corrigendum_tooltip – A publication with a correction notice or corrigendum, a change to the article that the author wishes to publish at any time after the article acceptance or publication, usually to correct an error

Support Additional Resource Types for CDI

August 2023

Primo VE now supports the following new resource types used in CDI:

- **Magazine** – A popular interest periodical usually containing articles on a variety of topics that are written by various authors in a non-scholarly style.
- **Magazine Article** – A self-contained nonfiction prose composition on a fairly narrow topic or subject, which is written by one or more authors and published under a separate title in a magazine.
- **Questionnaire** – A set of printed or written questions with a choice of answers, which is devised for the purpose of a survey or statistical study. It is used for records from the Henrietta Szold collection.

Note

The new resource types **Magazine** and **Magazine Article** will be fully supported after the Primo VE Production release on August 6 .

The new resource type **Questionnaire** will be available by the end of August when the collections Henrietta Szold collection and Brookdale Institute - Research Tools collection has been updated in the CDI index.

Configuration Options

This feature is enabled by default. The following table lists the codes that have been added to support the new resource types:

Code table	Code	Description
Advanced Media Type Labels	search-advanced.mediaType.option.magazines	Magazines
	search-advanced.mediaType.option.magazinearticle	Magazine Articles
	search-advanced.mediaType.option.questionnaires	Questionnaires
Basic Search Pre-Filters Labels	search-simple.mediaType.option.magazines	Magazines
	search-simple.mediaType.option.magazinearticle	Magazine Articles
	search-simple.mediaType.option.questionnaires	Questionnaires
Facet Resource Type Labels	facets.facet.facet_rtype.magazines	Magazines
	facets.facet.facet_rtype.questionnaires	Questionnaires
Icon Codes Labels	mediatype.magazine	Magazine
	mediatype.questionnaire	Questionnaire

Note

Since some of the codes associated with magazine articles already exist, they are not included in the table.

Allow Authentication for Customized List of Institutions - Consortia Only

August 2023

This enhancement enables an institution within a consortium to allow users to access a main view and then authenticate and get services from another institution in the network. Previously, access to services was restricted to your own institution. When enabled, users are prompted to authenticate with an institution that is affiliated with your institution. Depending on your configuration, users are redirected either to the other institution's view or to the same page (such as a record's full view) within the other institution if the following information matches in the other institution:

- Search term
- search scope and tab
- filters, facets
- doc id (when coming from full view)
- lang
- mode
- Collection id (when coming from collection discovery)
- journals (in journal search)
- databases (in database search)

Configuration Options

This functionality is disabled by default. Refer to the following table for information to enable this feature and to set other configuration options.

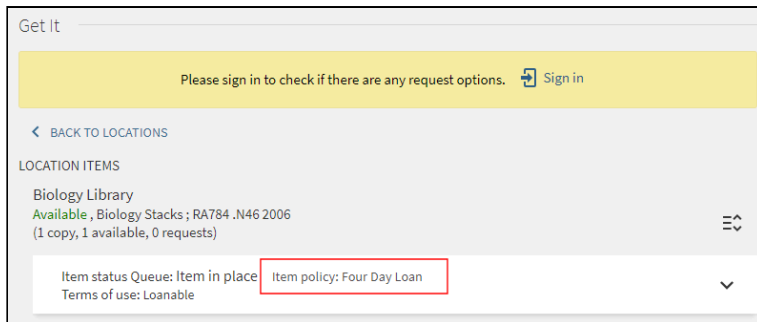
Element	Description
General tab on View Configuration Page (Configuration > Discovery > Display Configuration > Configure Views)	<p>Select the new Allow direct login to other institutions field to enable the configuration of the affiliated institutions.</p> <hr/> <p>Note</p> <p>This parameter displays only for institutions (IZs) that are affiliated with a Network Zone (NZ).</p> <hr/> <p>To create the list of institutions that appear in the Login Menu:</p> <ol style="list-style-type: none"> 1. Select the Allow direct login to other institutions field. 2. Select Edit configuration to open the Direct login to other institutions page, which lists all the affiliated institutions. 3. Select Add configuration and specify the following fields for the institution: <ul style="list-style-type: none"> ◦ Consortia institutions (mandatory) – Select the institution that you want to add to your authentication list. ◦ Institution name label (mandatory) – A unique label for the institution, which displays on the Direct Login Menu for the institution. ◦ Other institution domain (mandatory) – The institution's Primo VE domain to which users are redirected after authentication (pretty URL/standard hostname). ◦ View code (mandatory) – The view code to use with the other institution's domain. 4. Select Save to save the institution and to return to the list of affiliated institutions.
Discovery Customer Settings mapping table (Configuration >)	<p>Set the direct_login_transfer_all_parameters parameter to true if you want to redirect to the other institution and retain context and page settings (such as search terms and filters/facets) from the</p>

Element	Description
Discovery > Other > Customer Settings)	original page. The default setting is false , which redirects to the other institution without transferring page settings from the original page. For more information, see Discovery Customer Settings .
Direct Login Labels code table (Configuration > Discovery > Display Configuration > Labels)	Defines the labels used on the Direct Login Menu. This information is automatically populated with the values configured in the Institution name label field from the view's configuration for this functionality.

Display Item Policy in Get It (Idea Exchange)

August 2023

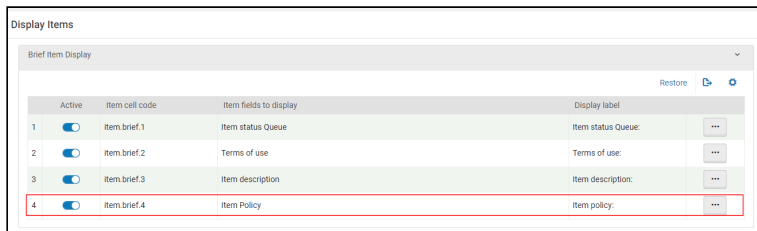
Previously, an item's policy could be seen only in Alma. With this enhancement, you can now display the Item Policy if the field is configured to display in Get It > Location Items (brief and full item displays):



Item Policy Displayed in Get It

Configuration Options

This functionality is disabled by default. If you want to display configured item policies to all users, enable the Item Policy field on the Item Details page ([Configuration > Discovery > GetIt Configuration > Items Display Configuration](#)). For additional information, see [Configuring Item Display for Primo VE](#).



Display Items page - Item Policy Activated

This information displays in Primo VE only if the **Item Policy** field is configured in Alma's Physical Item Editor. For additional information about the Physical Item Editor, see [Alma: Updating Item-Level Information](#).

Item's Loan Policy Configured in Alma

Secondary Resource Type Enhancements

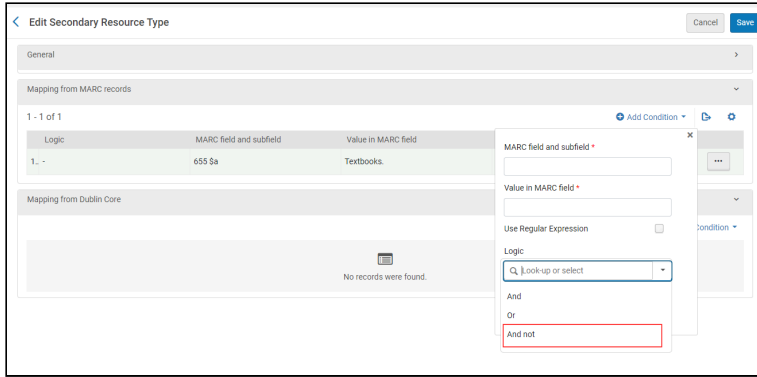
August 2023

The following options are now supported in the configuration of secondary resource types ([Configuration > Discovery > Search Configuration > Secondary Resource Type](#)):

- The Main Resource Type field has been modified to allow you to assign a secondary resource type either to **All** or to one or more main resource types, not just a single resource type:

Edit Secondary Resource Types - Selection of Multiple Resource Types

- When adding multiple conditions, you can specify the new **AND not** logic operator to ensure that specific conditions are not met.



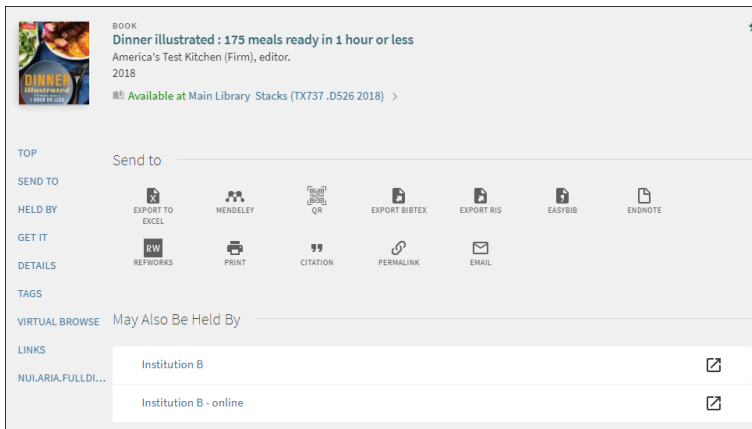
Edit Secondary Resource Types - And not Operator

For more details, see [Configuring Secondary Resource Types for Primo VE](#).

Enhanced "May Also Be Held by" Service

August 2023

This enhancement enables you to display a second label for links in the **May Also Be Held By** section of the record's full display to distinguish between types of links (such as physical or online) for an institution. In addition, you can provide a thumbnail for each institution.



Example Links in May Also Be Held By Section

Configuration Options

This functionality is not enabled by default. Refer to the following table for configuration details. For more details, see [Configuring the "May Also Be Held By" Service in Primo VE](#).

Element	Description
May Also Be Held By page (Configuration > Discovery > GetIt Configuration > May Also Be Held By)	The new Additional Label column indicates which field/subfield contains the second label for the link. The label displays only if the MARC field/subfield is specified in the bib record.
In the following example, Institution B provides an additional display label in the MARC 991 \$\$h field:	

Element	Description
---------	-------------

Enabled	Code	Library Display	Identifier	URL	Additional Label	Updated By	Last Update
<input checked="" type="checkbox"/>	Inst2	Institution B	991 \$u	https://pse01.primo.ezlibrarygroup.co... tab=LibraryCatalogSearch_Locope... (identifier)	991 \$h	enLmpl	2023/01/21
<input checked="" type="checkbox"/>	Inst1	Institution A	001	https://pse01.primo.ezlibrarygroup.co... tab=LibraryCatalogSearch_Locope... (identifier)		enLmpl	2023/02/07

May Also Be Held By Page

Metadata Editor in Alma ([Resources > Cataloging > Open Metadata Editor](#))

You must update your links in the bibliographic record to include the second label in the specified field/subfield.

In the following example, a MARC 991 field is added for each type of link for Institution B:

```

LDR 02953cam#a22003738#4500
001 99221941300496
005 20230720175701.0
008 171213a2018##mau#####001#0#eng##
010 $a #2017055764
020 $a 9781945256301 (paperback)
040 $a DLC $b eng $e rda $c DLC
042 $a pcc
050 0 0 $a TX737 $b D526 2018
082 0 0 $a 641.5/12 $2 23
084 $a CKB101000 $a CKB023000 $a CKB071000 $2 bsaach
245 0 0 $a Dinner illustrated : $b 175 meals ready in 1 hour or less / $c the editors at America's Test Kitchen.
991 $a Inst2 $u 99221941300496 $h online
991 $a Inst2 $u 99221941300233
  
```

Link Fields in Metadata Editor

Links and General Electronic Services Labels code table ([Configuration > Discovery > Display Configuration > Labels](#))

A code is generated for each row on the May Also Be Held By page to enable customization and translation of each location. The following format is used for each code:

```
fulldisplay.mayAlsoBeHeldBy.<Code>
```

Examples:

- fulldisplay.mayAlsoBeHeldBy.Inst1
- fulldisplay.mayAlsoBeHeldBy.Inst2

Manage Customization Pack tab in View Configuration ([Configuration > Discovery > Display Configuration > Configure Views](#))

If you want to include thumbnails for each code on the May Also Be Held By page, edit your customization package and save your thumbnails under the `img` folder. Use the following naming convention:

```
MayAlsoBeHeldBy.<Code>.<format>
```

Examples:

- MayAlsoBeHeldBy.Inst1.png
- MayAlsoBeHeldBy.Inst2.png

My Library Card Improvements

August 2023

When enabled, this enhancement enables users to view all library notices and to choose whether to receive them or not. As with other personal details, users must first select **Edit Details**.

Personal details	
Patron group: Staff	
EDIT DETAILS	
Valid From:	2023/07/16
My email:	nosuchmail@no.such.mail.com
Additional Email Addresses:	
User Roles:	
Circulation Desk Operator	
Biology Library	
<input checked="" type="checkbox"/> Activity Report	<input checked="" type="checkbox"/> Courtesy letter
<input checked="" type="checkbox"/> Overdue Notice	<input checked="" type="checkbox"/> Loan Status letter
<input checked="" type="checkbox"/> Recall letter	<input checked="" type="checkbox"/> Recall Cancellation letter

Personal Details - Library Notices

Configuration Options

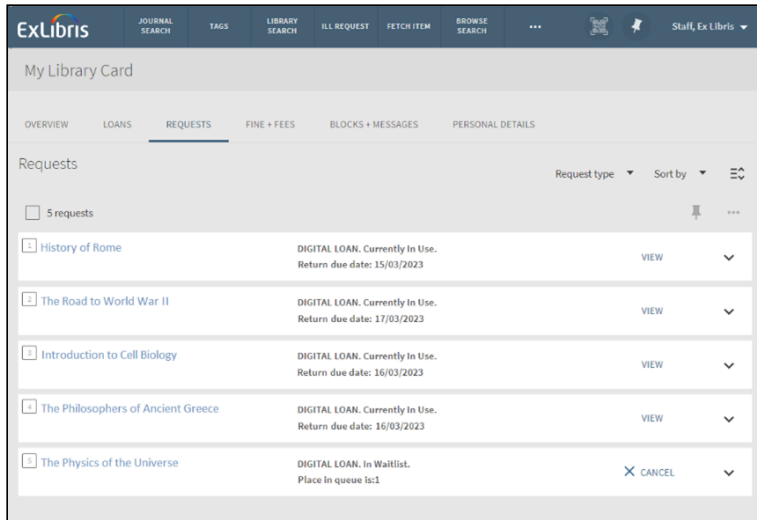
This functionality is disabled by default. To enable the display of the library notices, set the new **display_actions_personal_settings** parameter to **true** in the Discovery Customer Settings mapping table (**Configuration > Discovery > Other > Customer Settings**). For more information, see [Discovery Customer Settings](#).

Long Term Digital Loans - Support Patron Workflow

August 2023

Long term digital loans is a process by which libraries can lend out digital copies (representations) of physical materials to patrons for periods of a day or more. The system imitates the experience of lending physical items by allowing you to limit the number of digital copies being lent concurrently and configuring the time period of the loan. Like with physical items, if the digital copy is on loan, the requester enters a waitlist. Alma keeps track of the patrons who requested the digital representation and notifies the next person in the waitlist when it is available. Users can also indicate the list of physical items that are represented by each digital resource.

Patrons can request these digital items from the View Online section in Primo VE and manage them from the My Library Card > Requests tab. For more details, see [Creating a Long Term Digital Loan Request from Primo VE](#). For example, the patron's viewing requests, both those still in the waitlist and those currently being fulfilled and viewed by the patron, are displayed on the My Library Card > Requests tab:



Library Card Requests Tab

The Requests tab displays relevant information about the request, such as allowed session period and grace period. Patron's can select a title to display a title's full display page, view the resource if it is currently available for them to view, and cancel a request in the waitlist.

Note

If you are not currently using digital lending, open a Support ticket to enable this functionality.

Ongoing Accessibility Improvements (August)

August 2023

Ongoing accessibility improvements were fixed per section to better match Descriptive Labels (2.4.6.b), Errors Identification (3.3.1.b), Context Changes (on Input) (3.2.2.a), Unique IDs (4.1.1.d), Non-Text Contrast - (1.4.11.b), Custom Controls (4.1.2.b), Headings (1.3.1.e).

Support Customization of Resource Type Mapping (NERS #7790)

May 2023

This enhancement enables you to customize the mapping of system resource types in Primo VE. Previously, Primo VE allowed you to create local resource types only. Precedence is given to MARC field/subfield and DC tag mapping conditions in the following order:

1. Local resource types – Note that this is existing functionality.
2. Customized system resource types – With this new option, you can add mapping conditions to system resource types and also reassign mapping conditions from a system resource type to another system resource type. With the next release, you will be given an option to replace a resource type's conditions completely and to change the order of the mapping rules.
3. Out-of-the box system resource types – For mapping details, see [Mapping to the Display, Facets, and Search Sections in the Primo VE Record](#).

For example, if you want to reassign some of the mapping conditions from the **Books** resource type to the **Other** resource

type and the **Special** local resource type, you must perform the following:

- Add the conditions that you want to map to the **Other** resource type.
- Create the **Special** local resource type and include the conditions that you want to map to it.

As a result, Primo VE uses the mapping conditions shown in the Used Conditions column:

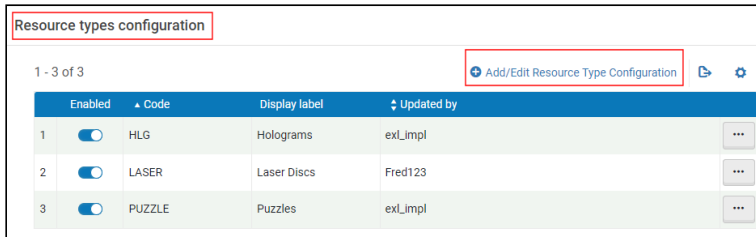
Type of Mapping	Resource Type	Mapping Conditions	Used Conditions
Local resource type mappings	Special	Add mapping condition Leader(06-07) = am: <ul style="list-style-type: none"> • MARC field and subfield: LDR • Regular expression: ^(6)am.* 	Leader(06-07) = am
Customized system mappings	Other	Add mapping condition Leader(06-07) = ac or ad: <ul style="list-style-type: none"> • MARC field and subfield: LDR • Regular expression: ^(6)ac ^.(6)ad.* • Replace existing rules: not selected 	Leader(06-07) = ac or ad <hr/> Note Because the Replace existing rules option is not selected, this condition is added to the following out-of-the-box mapping conditions for the Other resource type: ((Leader(06-07) = ab OR as) AND 008(26) = d w) OR (Leader(06) = m AND 008(26) <> d e h j)
System (Out-of-the-box mappings)	Books	(Leader(06-07) = ac or ad or am) OR (Leader(06-07)= ai as AND 008(21)=m)	(Leader(06-07)= ai as AND 008(21)=m)

Note

Since databases and collections are calculated differently, their mappings cannot be customized.

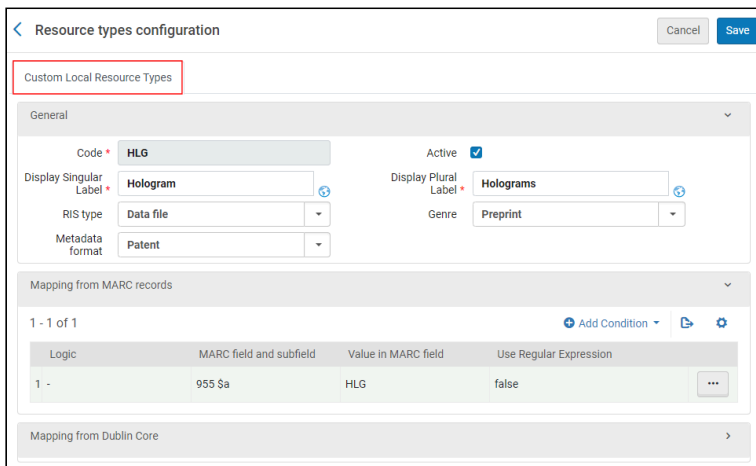
To support this functionality, the following changes were made to the Local Resource Types page ([Configuration > Discovery > Display Configuration > Local Resource Types](#)):

- The name of the **Local Resource Types** page has been changed to **Resource types configuration** ([Configuration > Discovery > Display Configuration > Resource types configuration](#)).



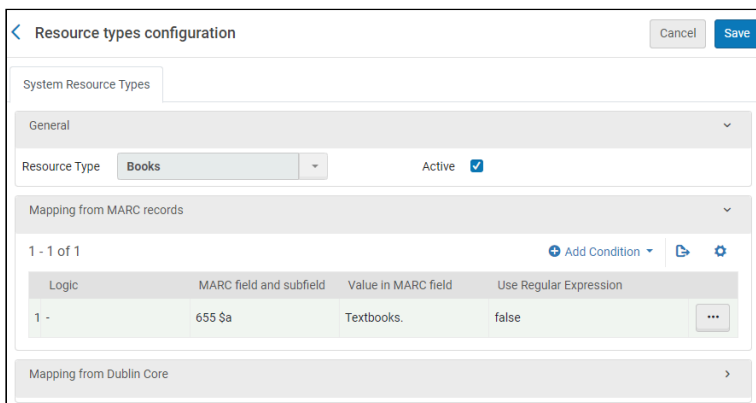
Resource Types Configuration Page

- The name of the **Add Local Resource Type** option has changed to **Add/Edit Resource Type Configuration**.
- The name of the **Edit Local Resource Types** page has changed to **Resource types configuration** and is used for both local and customized system resource types.
- On the Resource types configuration page, the fields used to configure the local resource types have moved to the new **Custom Local Resource Types** tab. For more details, see [Configuring Local Resource Types](#).



Custom Local Resource Types Tab

- The **System Resource Types** tab has been added to the Resource types configuration page. It enables you to customize the mapping conditions of the out-of-the-box system resource types. For more details, see [Customizing System Resource Types](#).



System Resource Types Tab

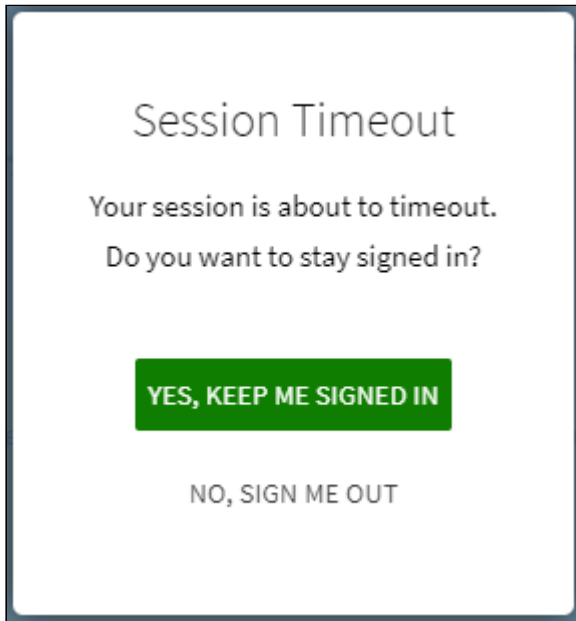
- The maximum number of local resource types that you can configure has increased from 20 to 50.

Improving the User's Session Timeout Experience (NERS #7809)

May 2023

The following options have added to the User Authentication page ([Configuration](#) > [Discovery](#) > [Authentication](#) > [User Authentication](#)) to enable users to extend their sessions in the UI:

- **Enable extending the session** – When selected, users will receive the following warning prompt 60 seconds before timeout, and it will enable them to extend their sessions for another session.

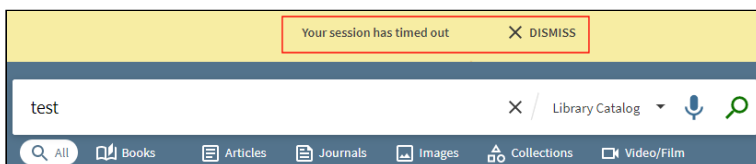


Extend Session Prompt

If users select **Yes, Keep Me Signed In**, their sessions are extended without interruption.

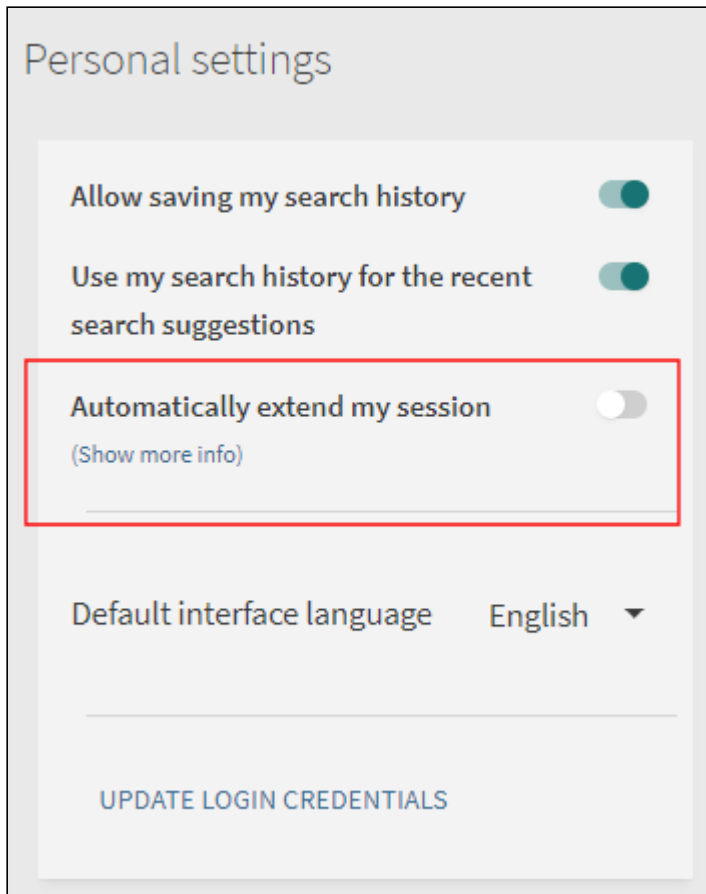
If users select **No, Sign Me Out**, they are signed out, their screens are refreshed, and they are redirected to the configured URL for timeouts.

If users do not respond before timeout, they will receive the following popup message, indicating that their session has timed out:



Session Timed Out

- **Enable extending the session to maximum** – When selected, users will receive a warning prompt 60 seconds before timeout (see messages above), and it will enable them to extend their sessions to the maximum period (which is 7 days and is not configurable). During this time period, users' session will continue until they either sign out or close the browser or the maximum session times out. If users do not want to continue their sessions, the following will occur at timeout: users are signed out, their screens are refreshed, and they are redirected to the configured URL for timeouts.
- **Enable user setting for extending the session** – When selected, this parameter adds the **Automatically extend my session** option to the My Library Card > Personal Details and Settings tab, which enables users to automatically extend their sessions without being prompted to extend their sessions.

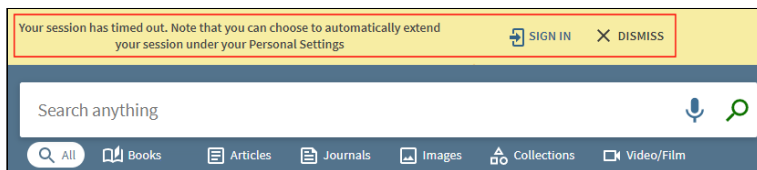


Automatically Extend My Session Option

Note

After enabling/disabling the **Automatically extend my session** option, users must sign out and sign in again to apply the change.

If the session times out while the **Automatically extend my session** option is disabled, users will receive the following popup message and be prompted to either sign in or dismiss the message:



Personal Settings Reminder

Additional Configuration Options

This functionality is not enabled by default. The following table lists additional configuration options associated with this functionality.

Option	Description
<p>User Authentication page (Configuration > Discovery > Authentication > User Authentication)</p>	<p>The following parameters have been added to support the extension of user sessions:</p> <ul style="list-style-type: none"> • Enable extending the session – By default, this field is disabled. • Enable extending the session to maximum – By default, this field is disabled. <hr/> <p>Note</p> <p>If both of the above parameters are enabled, enable extending the session to maximum has precedence.</p> <hr/> <ul style="list-style-type: none"> • Enable user setting for extending the session – By default, this field is disabled. When set to true, the display_user_settings parameter must also be set to true in the Discovery Customer Settings mapping table (Configuration > Discovery > Other > Customer Settings). <p>For more details, see Configuring the Login Links for Primo VE.</p>
<p>User Tile Labels code table (Configuration > Discovery > Display Configuration > Labels)</p>	<p>The following codes were added to support the display functionality for this enhancement:</p> <ul style="list-style-type: none"> • nui.eshelf.signin.timeoutWarningTitle – Session Timeout • nui.eshelf.signin.timeoutWarning – Your session is about to timeout. Do you want to stay signed in? • nui.eshelf.signin.timeoutExtendSession – Yes, keep me signed in • nui.eshelf.signin.timeoutExtendSessionNo – No, sign me out • nui.login.sessionTimedOut – Your session has timed out • nui.login.sessionTimedOutPersonalSettings – Your session has timed out. Note that you can choose to automatically extend your session under your Personal Settings
<p>My preferences Tile Labels (Configuration > Discovery > Display Configuration > Labels)</p>	<p>The following codes were added to support the display functionality for this enhancement:</p> <ul style="list-style-type: none"> • nui.mypref.label.extendMySession – Automatically extend my session • nui.mypref.label.extendMySessionShowMore – (Show more info) • nui.mypref.label.extendMySessionInfo – When enabling this setting, your session will be automatically extended and won't be timed out from any device you are logged in from. In order for this setting to take effect you must log out and login again or refresh the page
<p>Aria Labels code table (Configuration > Discovery > Display Configuration > Labels)</p>	<p>The following codes were added to support accessibility for this enhancement:</p> <ul style="list-style-type: none"> • nui.aria.session.keepMeSignIn – Yes, keep me signed in • nui.aria.session.signMeOut – No, sign me out
<p>Discovery Customer Settings mapping table (Configuration > Discovery > Other > Customer Settings)</p>	<p>As with other options that appear in the My Library Card > Personal Details and Settings tab, the display_user_settings parameter must be set to true to display the Automatically extend my session option.</p>

Analytics - Extend Session Options

To support this functionality, the following action has been added to the Action Usage subject area:

Group	Subgroup	Action	Description
General	General	Enable extending the session automatically for the user	The user enabled the setting to extend the session automatically.
		Disable extending the session automatically for the user	The user disabled the setting to extend the session automatically.
		Click on Show more info for extend my session setting	The user selected (Show more info) to display information about the setting.
		Extend the session	The user selected to extend the session.

Support Exact Phrase Only Searches in Advanced Searches (NERS #6693)

May 2023

Previously, the **Is (Exact)** Advanced Search option for Author, Title, and Subject field searches returned results that included the exact phrase, but it could also contain other words. For example, an author search for **"Williams, John D."** may return records with **Williams, John D.** or **Williams, John, d. 1683** in the Author field.

With this enhancement, the name of the **Is (Exact)** Advanced Search option has been changed to **Contains exact phrase**. In addition, users can now specify the new **Equals exact phrase** Advanced Search option that returns results in which the data in the specified Author, Title, or Subject field contains only the exact phrase. For example, an author search for **"Williams, John D."** returns records that contain only **Williams, John D.** in the Author field.

The screenshot shows the 'SEARCH CRITERIA' section of a library catalog search interface. It features a search bar with radio buttons for 'Library Catalog' (selected), 'Everything', and 'Articles'. Below the search bar are search filters for 'Any field' and 'AND'. A dropdown menu is open over the 'Any field' filter, showing options: 'contains', 'contains exact phrase', 'starts with', and 'equals exact phrase'. The 'equals exact phrase' option is highlighted with a red box. To the right of the filters are dropdown menus for 'Material Type' (set to 'All items'), 'Language' (set to 'Any language'), 'Start Date' (with Day, Month, and Start Year dropdowns), and 'End Date' (with Day, Month, and End Year dropdowns). At the bottom, there is a 'SEARCH' button and a summary of the search criteria: 'Any field contains ___ AND Any field contains ___'.

Equals Exact Phrase Operator for Advanced Searches

The new search option also supports special characters. For example, an exact search for **"Epicum, Sébastien"** also returns results with **Epicum, Sebastien**, and vice versa. In addition, an exact Title search for **"Pet"** also returns records with the title **The Pet**.

Configuration Options

The following table lists the configuration options associated with this functionality.

Option	Description
<p>View Configuration (Configuration > Discovery > Display Configuration > Configure Views)</p>	<p>On the Advanced Search tab, the following changes were made:</p> <ul style="list-style-type: none"> At the bottom of the page, added section Search Operators, which lists all supported operators. From this section, you can now enable/disable operators and customize their display order on the Advanced Search page. For more details, see Configuring Discovery Views for Primo VE. Added the Equals exact phrase operator to the new Search Operators section. <hr/> <p>Note</p> <p>Out of the box, this operator is disabled by default for existing views and enabled by default for new views.</p> <hr/> <ul style="list-style-type: none"> Added the Use "Equals exact phrase" for hypertext linking (for Title, Author and Subject only) option for the new Equals exact phrase operator. When selected, the new search operator is used instead of the configuration in the Hypertext Linking Definitions mapping table (Configuration > Discovery > Display Configuration > Hypertext Linking Definitions) for display fields using the Title, Author and Subject search index in the Details section of each record's full display. For more details, see Changing the Supported Search Profile Slots for Search Operators. <hr/> <p>Note</p> <ul style="list-style-type: none"> The normalization rules were updated for all 6XX subject display fields (and 880-6XX fields) to support the better format of \$Q (search query used when selecting a display field link) when using the new Equals exact phrase operator. These changes will become fully available with the completion of the Repository Semi-annual indexing expected to be run in July. For testing in your sandbox environment, you can manually save relevant records for automatic re-indexing. <hr/>
<p>Hypertext Linking Definitions mapping table (Configuration > Discovery > Display Configuration > Hypertext Linking Definitions)</p>	<p>This table provides the institution-level settings for the hypertext linking definitions, which are used for the links in the Details section of each record's full display. To support the new search operator, the following changes have been made:</p> <ul style="list-style-type: none"> The name of the exact operator has changed to contains exact phrase, and its functionality continues to work as it did previously. If both the Equals exact phrase and Contains exact phrase search operators are disabled in View Configuration, the default search operator contains exact phrase is used from this mapping table unless its definition has been customized. <p>For more information, see Configuring Hypertext Link Definitions for Primo VE.</p>
<p>Search Tile Labels code table (Configuration > Discovery > Display Configuration > Labels)</p>	<p>The following codes were added to support the display functionality for this enhancement:</p> <ul style="list-style-type: none"> search-advanced.precisionOperator.option.equalsPhrase – Equals exact phrase search-advanced.precisionOperator.option.equalsPhraseTitle – This search type is available only for Title,

Option	Description
	<p>Author and Subject fields</p> <ul style="list-style-type: none"> search-advanced.precisionOperator.option.startswithTitle – This search type is available only for Title field <p>The following code was modified to rename the is (exact) option:</p> <ul style="list-style-type: none"> search-advanced.precisionOperator.option.exact – Contains exact phrase
<p>Aria Labels code table (Configuration > Discovery > Display Configuration > Labels)</p>	<p>The following codes were added to support accessibility for this enhancement:</p> <ul style="list-style-type: none"> nui.aria.search.contains – Contains nui.aria.search.containsExact – Contains exact phrase nui.aria.search.startswithAria – This search type is available only for Title field nui.aria.search.equalsPhraseAria – This search type is available only for Title, Author and Subject fields

Resource Type Filter Bar

May 2023

You can enable a new resource type filter ribbon that appears under the basic search box to allow users to filter their results by resource type. For each search profile slot, only enabled resources (maximum of 10) appear for basic searches, and their appearance is not dependent on whether the search results contain items matching that resource type. The first six resource types appear in the ribbon, while the remaining four items are selectable from the **More** drop-down list.



Resource Type Ribbon

Note

- Due to variances in queries and indexing, results from selecting Facet resource types may differ from selecting the same type with the new Resource Type Filter Bar. In an upcoming release, these variances will be aligned to provide the same results for both.
- This filter bar cannot be enabled when either the basic search pre-filter for resource types or indexes is enabled on the Advanced Search tab ([Configuration > Discovery > Display Configuration > Configure Views](#)).
- For information regarding the customization of resource type icons, see [Customizing SVG Icons](#).

Analytics - Filter Bar

To support this functionality, the following actions have been added to the Action Usage subject area:

Group	Subgroup	Action	Description
Search	Search	Clicking on a resource type filter bar - <1-11>	The user selected All (position 1) or a resource type (position 2-11) in the Resource Type Filter Bar.
		Clicking on More on the filters bar	The user selected More in the Resource Type Filter Bar.

Configuration Options

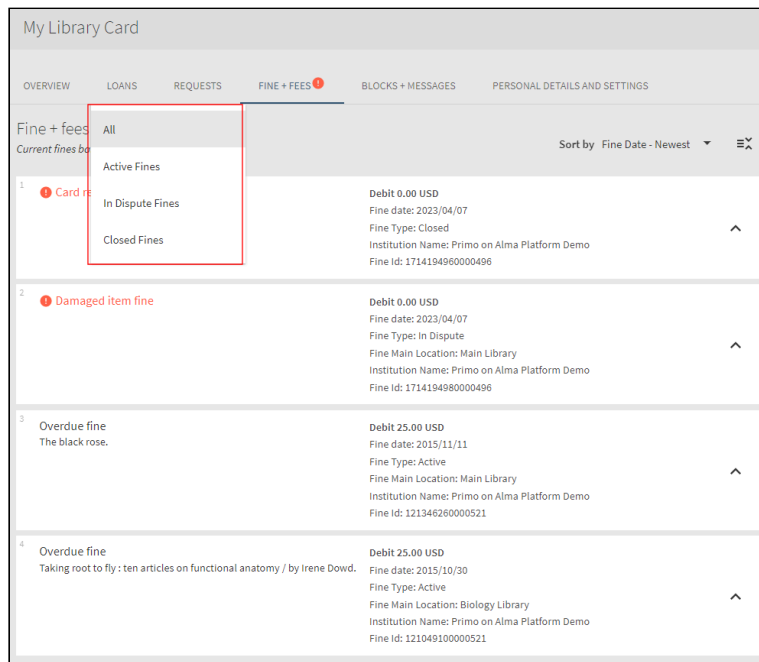
The following table lists the configuration options associated with this functionality.

Option	Description
View Configuration (Configuration > Discovery > Display Configuration > Configure Views)	<p>On the Brief Results tab, the following changes were made:</p> <ul style="list-style-type: none"> At the bottom of the page, added section Resource Types Filters Bar, which lists all supported resource types. From this section, you can now enable up to 10 resource types and customize their display order on the Brief Results page. The More drop-down list appears if you enable more than 6 resource types. Added the Enable Filters Bar option above the list of resource types in the new Resource Types Filters Bar section, which enables this functionality in the view. Out of the box, this option is disabled. <p>For more details, see Configuring the Resource Type Filter Bar.</p>
Results Tile Labels code table (Configuration > Discovery > Display Configuration > Labels)	<p>The following codes were added to support accessibility for this enhancement:</p> <ul style="list-style-type: none"> nui.results.resourcesFiltersBar.All – All nui.results.resourcesFiltersBar.More – More
Aria Labels code table (Configuration > Discovery > Display Configuration > Labels)	<p>The following codes were added to support accessibility for this enhancement:</p> <ul style="list-style-type: none"> nui.aria.resourcesFiltersBar.All – View all results retrieved nui.aria.resourcesFiltersBar.filter – Click to filter the results to {{filter_name}} nui.aria.resourcesFiltersBar.More – Click to see more available filters for your search
Advanced Media Type Labels code table (Configuration > Discovery > Display Configuration > Labels)	<p>There is no change to this table, but it configures the display label for Primo VE resource types.</p>

My Library Card - Filter Fines by Type

May 2023

The new Fine Type filter in My Library Card allows users to filter fines based on the following fine types: **Active**, **All**, **Closed**, **In Dispute**, and **Transferred**. The filter does not include all possible fine types, only those that are relevant to the user's current fines and fees. Previously, the Fines and Fees page displayed only the active fines and did not allow users to display fines and fees of other types.



Fines Filtered by All Types of Fines/Fees

The Fines Type filter takes the name of the selected fine type and defaults to **Active Fines**. If there are only active fines, the Fines Type filter does not appear.

Analytics - Filter Fines

To support this functionality, the following actions have been added to the Action Usage subject area:

Group	Subgroup	Action	Description
General	My Account	Fines and Fees - Active fines	The user selected the Active Fines filter in My Library Card > Fines & Fees.
		Fines and Fees - Closed fines	The user selected the Closed Fines filter in My Library Card > Fines & Fees.
		Fines and Fees - Transferred fines	The user selected the Transferred Fines filter in My Library Card > Fines & Fees.
		Fines and Fees - In dispute fines	The user selected the In Dispute Fines filter in My Library Card > Fines & Fees.

Group	Subgroup	Action	Description
		Fines and Fees - All	The user selected the All filter in My Library Card > Fines & Fees.

Configuration Options

This functionality does not require configuration to enable it. The following table lists the configuration options associated with this functionality.

Option	Description
Library card Labels code table (Configuration > Discovery > Display Configuration > Labels)	<p>The following codes were added to support accessibility for this enhancement:</p> <ul style="list-style-type: none"> nui.fines.active – Active Fines nui.fines.closed – Closed Fines nui.fines.transferred – Transferred Fines nui.fines.indispute – In Dispute Fines <p>The following code is used to display the balance that appears under the active fines when users do not have have active fines, but they do have transferred fines that are reported in the total balance:</p> <ul style="list-style-type: none"> nui.fines.noActiveWithBalance – Note: additional fines are located under "{0}"
Aria Labels code table (Configuration > Discovery > Display Configuration > Labels)	<p>The following codes were added to support accessibility for this enhancement:</p> <ul style="list-style-type: none"> nui.aria.account.fines.types – Select fine type
Alma's Fulfillment Customer Parameters mapping table (Configuration > Fulfillment > General > Other Settings)	When the existing allow_activity_on_transferred_finesfees parameter is set to true , all active Transferred fines and fees are also included in each user's balance in My Library Card.

Ongoing Accessibility Improvements (May)

May 2023

As part of our continuous effort to comply with Web Content Accessibility Guidelines 2.1 Level AA, we have fixed the following color contrast issues for this release:

Issue ID	Description
1110223	Pickup location in Request section – The contrast ratio between text and its background was not at least 4.5:1. This has been fixed by adjusting the text and/or background to increase the contrast to at least 4.5 to 1.

Issue ID	Description
1113855	Available in institution in Full Display – The contrast ratio between link or button text and its background was not at least 4.5:1 on hover and/or on focus. This has been fixed by adjusting the color of the hovered or focused link or button text and/or background to increase the contrast to at least 4.5 to 1.
1114142	Error messages in Request and Resource Sharing section – The contrast ratio between text and its background is not at least 4.5:1. This has been fixed by adjusting the text and/or background to increase the contrast to at least 4.5 to 1.
1123820	Links in How to Get It! section – The contrast ratio between link or button text and its background was not at least 4.5:1 on hover and/or on focus. This has been fixed by adjusting the color of the hovered or focused link or button text and/or background to increase the contrast to at least 4.5 to 1.
1102713	Elements did not have sufficient color contrast. This has been fixed by adjusting the color contrast to at least 4.5 to 1.
1108274	Fully adheres to international copyright laws in Resource Sharing section – The contrast ratio between text and its background is not at least 4.5:1. This has been fixed by adjusting the text and/or background to increase the contrast to at least 4.5 to 1.
1113759	Apply Filter button in Tweak you Results section – The contrast ratio between link or button text and its background is not at least 4.5:1 on hover and/or on focus. This has been fixed by adjusting the color of the hovered or focused link or button text and/or background to increase the contrast to at least 4.5 to 1.
1124195	bX image in the Related reading section – All or portions of text over an image do not meet the minimum 4.5:1 contrast requirement. This has been fixed by adjusting the text and/or background to increase the contrast to at least 4.5 to 1.
1099610	Elements did not have sufficient color contrast – This has been fixed by adjusting the color contrast to at least 4.5 to 1.

Support "Starts With" Option for Call Number Searches - NERS #7986

February 2023

For advanced searches, users can now use the Starts With option to search for holdings call numbers. Previously, this option was enabled only for title searches.

The screenshot shows a search criteria form with the following elements:

- SEARCH CRITERIA** (header)
- Search for:**
 - Library Catalog
 - Online Access Materials
 - Everything
 - Articles
 - Course_Reserve
- Search filters:**
 - Holding Call Number starts with 2001 (highlighted with a red box)
 - AND Any field contains Enter a search term
 - + ADD A NEW LINE
 - CLEAR
- Material Type:** All items
- Language:** Any language
- Start Date:** Day Month Start Year
- End Date:** Day Month End Year

Note

If you are testing this functionality in your Sandbox environment, it is necessary to re-index the records that you are testing. For your Production environment, the semi-annual re-indexing of your records will be completed by February.

Configuration Options

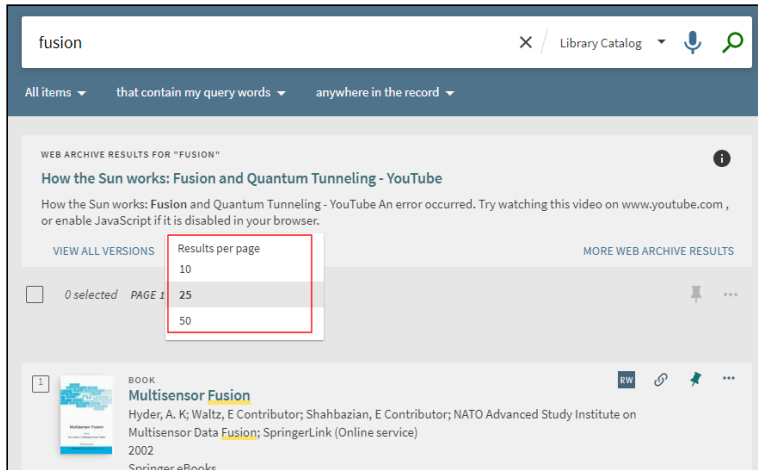
This functionality is disabled by default. The following table lists the configuration options associated with this functionality.

Element	Description
Discovery Customer Settings mapping table (Configuration > Discovery > Other > Customer Settings)	When set to true , the new parameter allow_start_with_for_call_number enables users to search for holdings call numbers that start with a specified value in Advanced Search. The default setting is false , which disables this functionality.
View Configuration page (Configuration > Discovery > Display Configuration > Configure Views)	In the Advanced Search Configuration tab, enable the Holding Call Number search index to display this search field in Advanced Search.
Aria Labels code table (Configuration > Discovery > Display Configuration > Labels)	When this functionality is enabled, the following code should be customized to include the call number: <ul style="list-style-type: none">nui.aria.search.startswithAria – This search type is available only for Title field
Search Tile Labels code table (Configuration > Discovery > Display Configuration > Labels)	When this functionality is enabled, the following code should be customized to include the call number: <ul style="list-style-type: none">search-advanced.precisionOperator.option.startswithTitle – This search type is available only for Title field

UX Improvements - Changing Number of Titles per Page - NERS #7700

February 2023

Previously, users had to scroll to the bottom of the page to set the maximum number of results per page. With this enhancement, users can now set the number of page results by also clicking the expand icon next to the total results count that appears at the top of the page. For signed-in users Primo VE now saves this setting between sessions, and for guests this setting is kept only for the current session.



Setting the Maximum Number of Results per Page - Top of Page

Note

The following issues are known for this functionality:

- Currently, the new drop-down is not appearing for Database and Journal searches when clicking a category from the category tree. This will be fixed for the March 2023 release.
- In browse search, when opening a FRBR record with several versions, the new drop-down doesn't appear. This will be fixed for March 2023 release.

Configuration Options

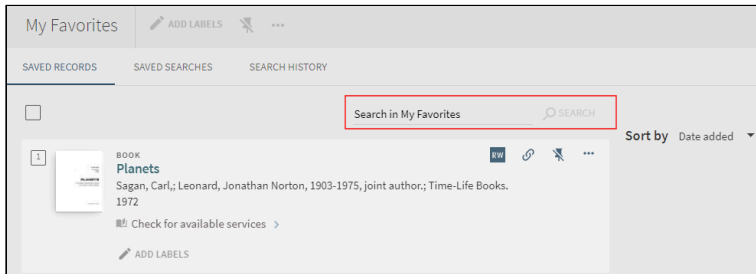
No configuration is necessary to enable this functionality. Refer to the following table for additional configurations associated with this functionality.

Element	Description
Results Tile Labels code table (Configuration > Discovery > Display Configuration > Labels)	<p>The following codes were added to support this functionality:</p> <ul style="list-style-type: none"> • <code>nui.results.resultsPerPageTop</code> – Results per page • <code>nui.results.title.resultsDisplayed</code> – {{resultsRange}} of {{totalNumberOfResults}}
Aria Labels code table (Configuration > Discovery > Display Configuration > Labels)	<p>The following codes were added to provide accessibility for this functionality.</p> <ul style="list-style-type: none"> • <code>nui.aria.results.resultsPerPageTop</code> – {{numberOfResults}} results • <code>nui.aria.results.resultsPerPageTop</code> – Choose the number of results to display per page

Support Search in My Favorites

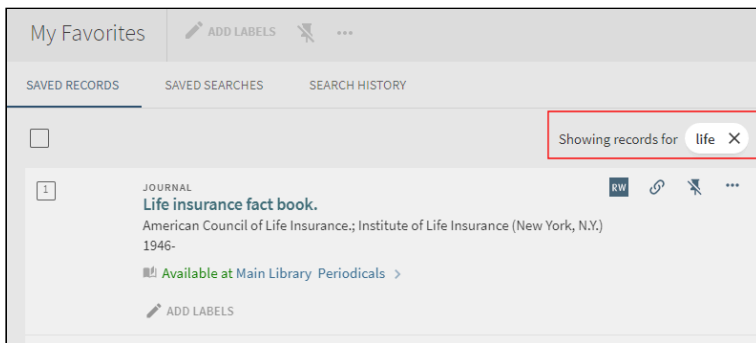
February 2023

Signed-in users can now search My Favorites > Saved Records to find items more quickly in long lists. The search is performed on the Title, Author and labels fields.



My Favorites Search Box

After performing a search, the search box is replaced with the search term. Users can quickly return to the complete list by selecting X next to the term or perform an action on one or more records that match the search terms.



Search Performed in My Favorites

Note

This is a simple search that treats the search terms as an exact phrase. For example, a search for **history world** will not find saved records that include **history of the world** in the Title, Author, or Label fields.

Analytics - Search My Favorites

To support this functionality, the following action has been added to the Action Usage subject area:

Group	Subgroup	Action	Description
General	My Account	Search in My Saved Records	The user has performed a search in My Favorites > Saved Record.

Configuration Options

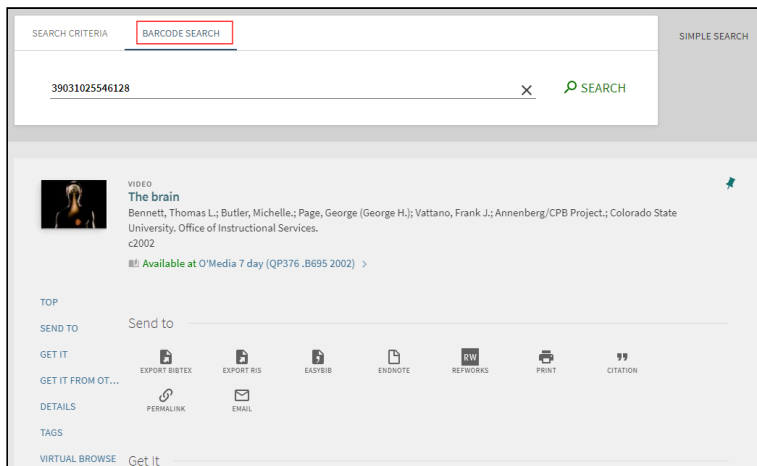
This functionality is enabled by default. The following table lists additional configuration options associated with the display of this functionality.

Element	Description
Favorites Labels code table (Configuration > Discovery > Display Configuration > Labels)	<p>The following codes were added to support the display of this functionality:</p> <ul style="list-style-type: none"> nui.favorites.records.search – Search in My Favorites nui.favorites.records.showingRecordsFor – Showing records for nui.favorites.searchButton – Search
Aria Labels code table (Configuration > Discovery > Display Configuration > Labels)	<p>The following codes were added to support accessibility for this functionality:</p> <ul style="list-style-type: none"> nui.aria.favorites.close – Remove search term {{searchTerm}} nui.aria.favorites.tooltip.showingRecordsFor – Showing records for {{searchTerm}} nui.aria.favorites.searchButton – Search in My Favorites

Add Barcode Search - NERS #7859

February 2023

With advanced searches, users can now search by barcode so that users can locate specific physical items on the shelves more easily. To support this type of search, the Barcode Search tab has been added to Advanced Search.



Barcode Search Tab in Advanced Search

In addition, you can use permalinks to open a pre-populated Bar Code tab using the following format:

```
<Primo_VE_domain>/discovery/  
search?vid=MY_VIEW&mode=advanced&searchType=barcode&barcode=<search term>
```

Users must select **Search** to return the results.

Note

- In addition to the new Barcode Search tab, the expand/collapse icon has moved to the right side of the pane and appears only when the Search Criteria tab is selected.
 - You cannot perform barcode searches in a Union catalog.
-

Analytics - Barcode Search

To support this functionality, the following action has been added to the Action Usage subject area:

Group	Subgroup	Action	Description
Search	Search	Barcode search	The user has performed a barcode search on the Advanced Search page.

Configuration Options

This functionality is disabled by default for advanced searches. The following table lists the configuration options associated with this functionality.

Element	Description
View Configuration (Configuration > Discovery > Display Configuration > Configure Views)	The Enable Barcode Search field has been added to the General tab to enable this functionality for your view.
Search Tile Labels code table (Configuration > Discovery > Display Configuration > Labels)	The following codes were added to support the display and translation of labels for this functionality: <ul style="list-style-type: none">• <code>nui.search-barcode.barcodeSearch</code> – Barcode Search• <code>nui.search-barcode.barcodeSearchButton</code> – Search• <code>nui.search-barcode.noResults</code> – No records found for {{searchTerm}}• <code>nui.search-barcode.noResultsText</code> – Try to refine your search term• <code>nui.search-barcode.searchTerm</code> – Enter a barcode
Aria Labels code table (Configuration > Discovery > Display Configuration > Labels)	The following code was added to support accessibility for this functionality: <ul style="list-style-type: none">• <code>nui.aria.search.barcodeSearch</code> – Search by Barcode

UNIMARC Format Support

February 2023

The following changes have been made to improve UNIMARC mapping for display, facets, and search.

Note

For existing records, a re-index is required to support the new mappings. Customers can either wait for the upcoming semi-annual indexing in February, re-save a set of records with this data to trigger indexing, or open a Support ticket to request re-indexing.

PNX Section	PNX Field	Old Mapping	New Mapping
Display	Creator	<p>The following entries include the output delimiters/ characters between subfields:</p> <pre>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</pre> <p>Example:</p> <p>The following UNIMARC entry in Alma:</p> <pre>700 #1 \$\$a Corti \$\$b Laura \$\$c testc \$\$d testd \$\$f testf</pre> <p>Returns the following output for the Creator in Primo VE:</p> <pre>Corti, Laura <testc> testd <testf></pre>	<p>The following entries include the output delimiters/ characters between subfields:</p> <pre>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 716 ## \$\$a <\$\$c>, \$\$f 720 ## \$\$a <\$\$c> <\$\$d>, \$\$f 721 ## \$\$a <\$\$c> <\$\$d>, \$\$f</pre> <p>Example:</p> <p>The following UNIMARC entry in Alma:</p> <pre>700 #1 \$\$a Corti \$\$b Laura \$\$c testc \$\$d testd \$\$f testf</pre> <p>Returns the following output for the Creator in Primo VE:</p> <pre>Corti, Laura <testc> testd <testf></pre>
	Dissertation	328 a	328 a 328 #0 b,c,e,d
	Genre	600 j 6010 j 6011 j 605 j 606 j 607 j 608 a 608 j 616 j	600 j 6010 j 6011 j 605 j 606 j 607 j 608 a,x,y,z 616 j
	Publisher	328 a-z	210 a,c

PNX Section	PNX Field	Old Mapping	New Mapping
		210 a, c 214 a, c 207 a, z If you want to omit publication notes (which are taken from the MARC 207 field), customize the Publisher display field and replace the following highlighted text in the out-of-the-box normalization rules with the "N/A" string. <pre>rule "Primo VE - publisher notes 207" when MARC."207" has any "a,z" then create pnx."display"."publisher_notes" with MARC."207" sub without sort "a,z" end</pre>	214 b,c,r,s 207 a,z If you want to omit publication notes (which are taken from the MARC 207 field), customize the Publisher display field and replace the following highlighted text in the out-of-the-box normalization rules with the "N/A" string. <pre>rule "Primo VE - publisher notes 207" when MARC."207" has any "a,z" then create pnx."display"."publisher_notes" with MARC."207" sub without sort "a,z" end</pre>
Search	Title	200 a,c,e,h,i 500 a,h-n,q-s 410 t 410 1	200 a,c,e,h,i 500 a,h-n,q-s
	Series	225 a,e,i,v	225 a,e,i,v 410 a,e,i,1,t
	Additional Title	510 a,e 512 a,e 513 a,e 514 a,e 515 a,e 516 a,e 517 a,e 520 a,e	412 a,e,t 423 a,e,t 451 a,e,t 452 a,e,t 454 a,e,t 461 a,e,t 463 a,e,t 464 a,e,t 470 a,e,t 481 a,e,t 482 a,e,t 488 a,e,t,o
	Alternate Title	500 a,h-n,q-s 531 a 510 a,e 512 a,e 513 a,e 514 a,e 515 a,e 516 a,e 517 a,e	412 a,e,t 423 a,e,t 451 t 452 a,e,t 454 a,e,t 461 a,e,t 463 a,e,t 464 a,e,t 470 a,e 481 a,e 482 a,e

PNX Section	PNX Field	Old Mapping	New Mapping
			488 a,e
	Creator	700 a,b,c 701 a,b,c,f 710 a,b,c 711 a,b,c,g,h (ind1=0) 711 a-g (ind1=1) 720 a,f 721 a,f	700 a,b,c,d 701 a,b,c,d 710 a,b,c,d,g,h 711 a,b,c,d,g,h 716 a,c 720 a 721 a
	Contributor	702 a,b,c,f 712 a,b,c,g,h (ind1=0) 712 a-g (ind1=1) 722 a,f	702 a,b,c,d 712 a,b,c,d,g,h 722 a 723 a
	Genre	600 j 601 j 602 j 605 j 606 j 607 j 608 a,j 616 j	600 j 601 j 602 j 605 j 606 j 607 j 608 a,j,x,y,z 616 j
	General	210 c 214 c 219 c 328 a-z 306 a 333 a 620 a-c 324 a 334 a 017 a,z 015 a,z 071 a 200 b	210 c,r,s 214 b,c,r,s 219 c 328 a-z 306 a 333 a 620 a-d 324 a 334 a 017 a,z 015 a,z 071 a 200 b 035 a 012 a
Facets	Creator & Contributor	700 (ind2=1) a,b,c,d,f 700 (ind2=0) a,c,d,f 701 (ind2=1) a,b,c,d,f 701 (ind2=0) a,c,d,f 702 (ind2=1) a,b,c,d,f 702 (ind2=0) a,b,c,d,f 710 (ind1=0) a,b,c, 710 a,b,c,d,e,f	700 (ind2=1) a,b,c,d,f 700 (ind2=0) a,c,d,f 701 (ind2=1) a,b,c,d,f 701 (ind2=0) a,c,d,f 702 (ind2=1) a,b,c,d,f 702 (ind2=0) a,b,c,d,f 710 (ind1=0) a,b,c,g,h 710 a,b,c,d,e,f,g,h

PNX Section	PNX Field	Old Mapping	New Mapping
		711 (ind1=0) a,b,c,g,h 711 (ind1=1) a-g 711 (ind1=0) a,b,c 711 a,b,c,d,e,f 712 (ind1=0) a,b,c,g,h 712 a,b,c,d,f,e	711 (ind1=0) a,b,c,g,h 711 (ind1=1) a-h 711 (ind1=0) a,b,c, g,h 711 a,b,c,d,e,f, g,h 712 (ind1=0) a,b,c,g,h 712 a,b,c,d,f,e, g,h 716 a, c, f 720 a, c, f 721 a, c, f 722 a, c, f
	Genre	600 j 601 j 602 j 605 j 606 j 607 j 608 a,j 616 j	600 j 601 j 602 j 605 j 606 j 607 j 608 a,j,x,y,z 616 j

For more information regarding mapping, see [Mapping to the Display, Facets, and Search Sections in the Primo VE Record](#).

Support Country Field in My Library Card

February 2023

Users are now able to view and modify their country code in My Library Card > Personal Details.

The screenshot shows the 'My Library Card' interface with the 'PERSONAL DETAILS AND SETTINGS' tab selected. Under 'Personal details', the 'Patron group' is 'Staff'. There are 'DISCARD' and 'SAVE CHANGES' buttons. The form includes fields for Address, City, State, Valid From (2023/01/14), and Zip. A new 'Country' dropdown menu is highlighted with a red box, indicating its addition to the form.

New Country Code Field in Personal Details

Configuration Options

This functionality is configured by default. The following table lists related configuration options.

Element	Description
Alma's CountryCodes code table (Configuration > General > General Configuration > Country Names)	This table enables you to configure the supported country codes.
Personal Settings Labels code table (Configuration > Discovery > Display Configuration > Labels)	The following code allows you customize and translate the display label for this field in My Library Card: <ul style="list-style-type: none"> contact.country – Country:

Additional Enhancements

- December 2023**
Sort Improvements – To sort by date, MARC 264.c now includes 2nd ind = 2,3,4, which matches the RDA cataloging rules.
- December 2023 SF: 06705374**
Improve Accessibility for Resource Recommender Banner images – For Banner resource recommendations, the Main Title now displays as alt-text when the user hovers the mouse over the Banner image.
- December 2023**
New Linking Templates for CDI Content – The following templates have been updated on the Custom linking for Central Index databases page ([Configuration Menu > Discovery > Other > Custom linking for Central Index databases](#)) to support Moazine and Toyo Keizai content:

Provider	Parameter Key	Description
Moazine	moazine_magazine_linking	To configure the template, replace [XXX] with the library ID that is provided by Moazine: https://dl.moazine.com/lib/main.asp?dl=[XXX]&p_a=magazine&s_t=&m_id={{control/addsrcrecordid}}
	moazine_magazine_linking	To configure the template, replace [XXX] with the library ID that is provided by Moazine: https://dl.moazine.com/lib/main.asp?dl=[XXX]&p_a=magazine&s_t=&m_id={{control/addsrcrecordid}}
Toyo Keizai	toyo_keizai_statistics_linking	To configure this template, replace %clientID% and %clientPassword% with the authentication key provided by Toyo Keizai: https://dcl.toyokeyizai.net/ap/cert/%clientID%/clientPassword/?u=dcl/{{control/addsrcrecordid}}/{{control/sourcerecordid}} For example: https://dcl.toyokeyizai.net/ap/cert/ UNT/UNT123 /u=dcl/{{control/addsrcrecordid}}/{{control/sourcerecordid}}

- November 2023**

Resource Type Filter Bar Improvement – Previously, you could activate a maximum of 10 resource types. With this enhancement, you can now activate a maximum of 10 resource types for each search profile slot. If you attempt to add more than 10 for any search profile slot, you will receive the following message:

Only 10 active filter bar resource types are allowed per scope

- **November 2023**

Normalization Improvements – Added the words **intro** and **introduction** to the English synonym files: `en_systemSynonyms` and `en_systemSynonymsAnalyzed`.

- **November 2023**

My Account Improvements – The message that returns when a user attempts to download/view a digital item too many times from My Account > My Requests can now be customized and translated by updating the following code in the Library Card Labels code table:

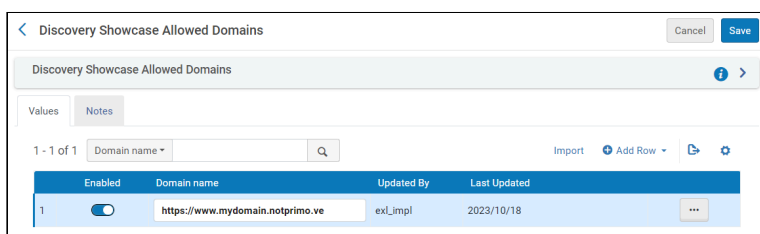
Code	Description
310044	Maximum number of views exceeded

- **November 2023**

Hebrew Search Improvements – Previously, when a Melingo expansion was done on a Subject search query, not all subject fields in the index were searched with the expanded words, but only those fields meeting the limitation of 4 X {# of words in query} = index distance. This distance limitation has been cancelled to align with Primo.

- **November 2023**

Enable the Use of Discovery Showcase Widgets in External Domains – This enhancement provides external domains permission to embed Discovery Showcase widgets in their website to display specific queries, collections, and new books. In this phase, institutions can define which domains are permitted to embed the widgets. The ability to embed the widgets will be released in February. To support the first phase, the Discovery Showcase Allowed Domains page ([Configuration > Discovery > Other > Discovery Showcase Allowed Domains](#)) has been added. For more details, see [Adding Domains for Discovery Showcase](#).



Discovery Showcase Allowed Domains

Note

This enhancement's release has been moved to the December 2023 release.

- **November 2023 (Updated November 30, 2023)**

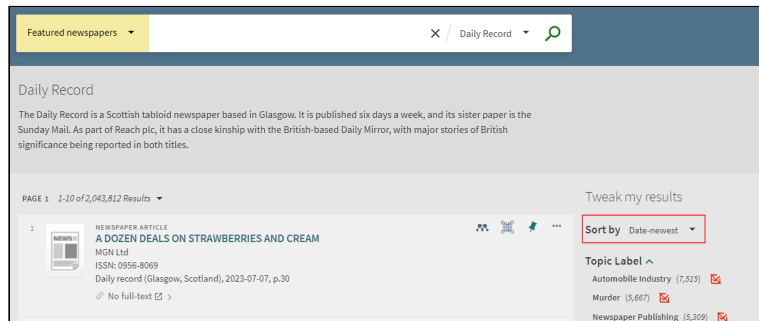
CSL Upgrade – The CSL third-party version has been upgraded to resolve the issue of not being able to generate the first initial of the first author's name when using the APA 7 format. If you were using the workaround CSL style to fix this issue, you can return to the default **apa.csl** style, which is now fixed.

Note

Please verify all other citation formats to ensure that there are no issues after the upgrade.

- **September 2023 (Added September 2, 2023)**

Featured Newspaper Search - Configure the Default Sort – You can now change the default sort for results in Featured Newspapers to sort by **Date-newest** instead of **Relevance**.



Sort by Newest - Featured Newspapers

This functionality is disabled by default and requires you to set the **default_sort_newspaper_by_date_newest** parameter to **true** in the Discovery Customer Settings mapping table ([Configuration > Discovery > Other > Customer Settings](#)).

Note

This functionality applies only to Newspaper Searches that do not include search terms (such as Featured Newspapers).

- **September 2023 (Added August 24, 2023)**

Support UPCs for Syndetics Integrations – Previously, our integration with Syndetics was originally designed to include the record's ISBN/ISSN in the query to Syndetics to retrieve book and journal cover images. With this enhancement, we will also include the record's UPC code (Universal Product Code) to retrieve images for other materials (such as videos).

- **August 2023**

Resource Filter Bar - Search Results match Facets – Searches using the Resource Type Filter Bar now return the same results as selecting the same resource type in the Refine your results section.

- **August 2023**

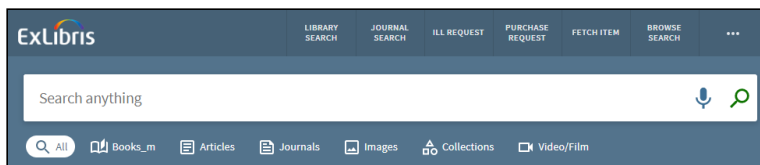
Reload and Delete - Confirmation Message for OAI Import Profile – We have added the harvest date to the end of the confirmation message that displays after executing the “Reload and delete” option when loading an external data source with OAI: Please note that the data will be reloaded starting from `<harvest start date>`.

- **August 2023**

Support Webhook Records from Featured Results – For customers using Search Webhook, you can now use Featured Results to show search results from your Search Webhook scope.

- **July 2023**

Improved Resource Type Filter Bar Alignment – The vertical space above and below the Resource Type Filter Bar was increased to improve visibility and UX consistency.



Improved Spacing for Resource Type Filter Bar

- **July 2023**

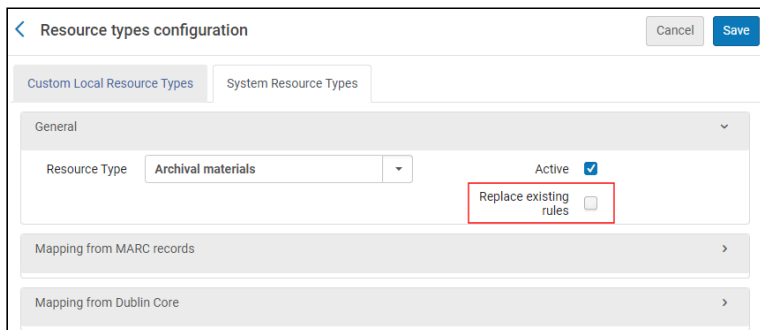
Ongoing Accessibility Improvements (July) – As part of our continuous effort to comply with Web Content Accessibility Guidelines 2.1 Level AA, we have fixed several issues regarding accessible text and buttons.

Issue ID	Description
1100073	<p>Accessible name for the active pagination link (such as 1) did not contain the visible label's text.</p> <p>Code table: Aria Labels</p> <p>(new) Code: nui.aria.currentPage</p> <p>Description: Current Page: {{page}}</p>
1097845	<p>Accessible name for the Personalize button did not contain the visible label's text. It now includes the action to select the personalize button.</p> <p>Code table: Aria Labels</p> <p>Code: nui.pyr.icon.aria.inactive</p> <p>(modified) Description: Click personalize to select your preferred disciplines</p>
1103941	<p>The aria-label attribute for the Download button did not include the button's label and only contained the type of export action (such as Export to Excel). This has been fixed.</p>
1103959, 1103960, 110396	<p>Fixed the following for aria commands in User - Personal Details and Settings:</p> <ul style="list-style-type: none"> ◦ Element did not have text that was visible to screen readers. ◦ aria-label attribute did not exist or was empty. ◦ aria-label reference element was empty. ◦ Element had no title attribute.
1103819, 1103820, 1103821	<p>Fixed the following for aria commands in User - My Loans:</p> <ul style="list-style-type: none"> ◦ Element did not have text that was visible to screen readers. ◦ aria-label attribute did not exist or was empty. ◦ aria-label reference element was empty. ◦ Element had no title attribute.

Issue ID	Description
1103780	Added distinguishable text for buttons in Full Display (Physical Material).

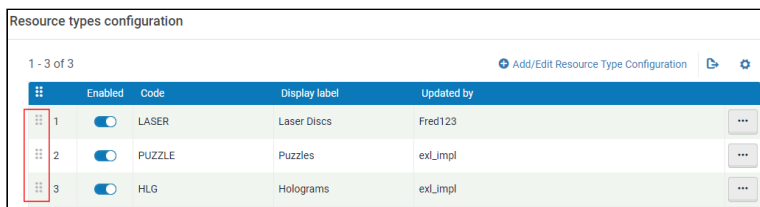
- **June 2023**

Additional Configuration Options for Customizing Resource Types – Previously, you could add or override conditions for system resource types on the System Resource Types tab ([Configuration > Discovery > Display Configuration > Resource types configuration](#)). With this enhancement, you can specify whether the custom definition for a system resource type completely replaces the out-of-the-box configuration of the system resource type (not just specific conditions). For more details, see [Customizing System Resource Types](#).



Replace all Conditions for System Resource Type

In addition, you can now drag and drop configuration definitions on the Resource Types Configuration page ([Configuration > Discovery > Display Configuration > Resource types configuration](#)) to give priority to definitions that have the same mapping conditions.



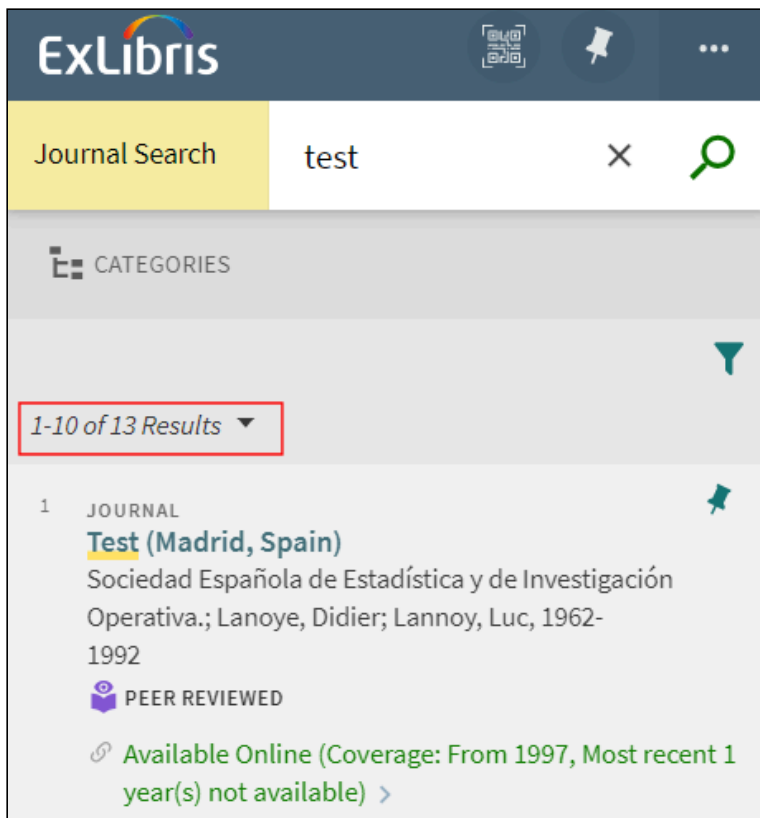
Prioritize Resource Type Definitions

- **June 2023**

Ongoing Accessibility Improvements (June) – As part of our continuous effort to comply with Web Content Accessibility Guidelines 2.1 Level AA, we have fixed several issues regarding missing or incorrect alternative text for various elements in the UI.

- **May 2023 SF: 06733268**

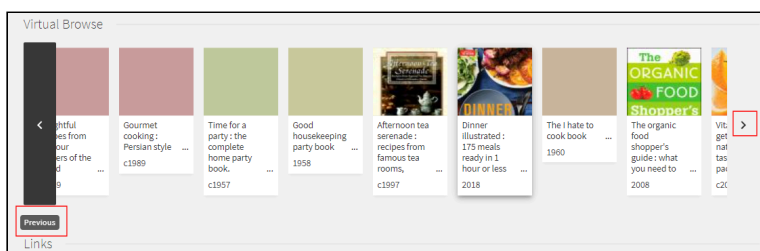
Page Number Realignment in Journal and DB Search Results – For mobile devices, the page number for Journal and Database search results no longer displays next to the record count.



- May 2023 SF: 06396746, 06427160, 06458573, 06486037, 06577004**
Filter by Availability for Newspaper Search – This enhancement enables you to configure whether Newspaper Search can return articles that are not available to the institution. To support this functionality, the **Newspapers Search Filter By Availability** field has been added to the General tab on the View Configuration page (**Configuration > Discovery > Display Configuration > Configure Views**). For more details, see [Configuring Discovery Views for Primo VE](#).
- May 2023**
Support Translation of Navigation Links in Virtual Browse – The following codes have been added to the GetIT! Tab1 Labels code table to translate the mouse over labels for the Previous and Next icons in the Virtual Browse section of the record's full display:

Code	Description
brief.results.tabs.browseshelf.previous	Previous
brief.results.tabs.browseshelf.next	Next

The follow example shows the mouse over label for the Previous icon:

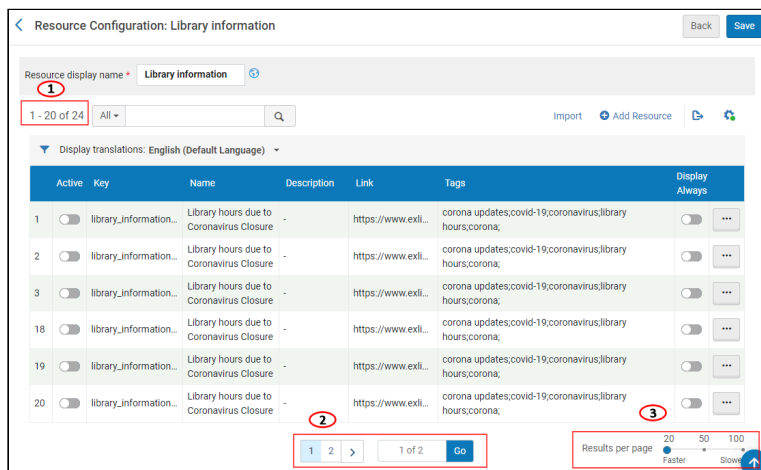


Mouse Over Label for Previous Icon

• **May 2023 SF: 06293589, 06360357, 06584375**

Improve the Usability of Resource Recommender Administrative or Management Pages – The following enhancements have been added to Resource Recommender configuration to improve usability and performance:

- On the Resource Configuration page for each type of resource, pagination is now used to limit the number of recommendations to 20, 50, or 100 per page so that it is not necessary to load all recommendations before performing any action on the page (such as changing the language or searching for a specific recommendation).



Pagination in Resource Recommender

The paging functionality includes the following elements:

1. **Number of recommendations** – Displays the numbers of the currently listed recommendations and the total number of recommendations.
2. **Pagination bar** – This bar displays only when there are more than 20 recommendations, and it enables users to navigate between pages of recommendations.
3. **Results per page** – This slider bar displays only when there are more than 20 recommendations, and it enables users to set whether a page displays a maximum of 20, 50, or 100 recommendations. This setting is saved between sessions for each recommendation type.

- Imports that include more than 500 recommendations will now run in the background. When complete, an email is sent to the user. In addition, you can check the progress of the new **Resource Recommender Import** job on Alma's Monitor Jobs page in the **Running** or **History** tabs (**Admin > Manage Jobs and Sets > Monitor Jobs**).

• **May 2023**

Retrieve Analytics Report – This enhancement allows you to use an API to return a Primo VE Analytics report in XML. For more details, see [Analytics](#) in the Ex Libris Developer Network.

• **April 2023**

Support Series Search with ISSN – The normalization rules were updated to enable Series search by ISSN (using subfield x):

- 440 a,n,p,v,x
- 490 a,v,x

Note

For existing records, a re-index is required to support the new mappings. Customers can either wait for the semi-annual indexing in August, re-save a set of records with this data to trigger indexing, or open a Support ticket to request re-indexing.

- **April 2023**

Change Behavior of Signed in Measurement for Analytics – Previously, the Signed In measurement in the Device Usage subject area in Analytics counted the number of times an action was taken from a signed-in user in a specific device type. With this enhancement, this measurement now counts the number of signed-in users from all sessions that were opened for a specific device type.

- **February 2023**

Separate Form Description for Booking Requests – With this enhancement, you can now display different descriptions for the Requests and Booking Requests forms.

Request

Booking Requests Form

Pickup Location
Main Library

Material Type
Book

Request Type Request Booking

Check availability (to see library open times, please select pickup location first)

Start Date

Pickup Date Hour Minute

End Date

Pickup Date Hour Minute

Comment

RESET FORM

SEND REQUEST

Separate Form Description for Booking Requests

The following code has been added to the Request Labels code table ([Configuration > Discovery > Display Configuration > Labels](#)) to provide a separate description for booking requests:

Code	Description
almaBookingRequest.formDescription	Form Description

As with the other forms, you can include HTML formatting in the Description as long as you prefix the label with `{include_HTML}`. For more details, see [Adding a Description to a Form](#).

- **February 2023**

Align Local Website Resource Type with CDI – To align with CDI, local resources of type **Web Site** now appear as type **Web Resource**, which CDI uses to categorize this type of content. The following changes were made to the code tables to support this functionality:

Code Table	Description
Advanced Media Type Labels (Configuration > Discovery > Display Configuration > Labels)	The code <code>search-advanced.mediaType.option.web_resources</code> (Web Resources) is now used instead of the code <code>search-advanced.mediaType.option.websites</code> (Websites).
Basic Search Pre-Filters Labels (Configuration > Discovery > Display Configuration > Labels)	The code <code>search-simple.mediaType.option.web_resources</code> (Web Resources) is now used instead of the code <code>search-simple.mediaType.option.websites</code> (Web Sites).
Facet Resource Type Labels (Configuration > Discovery > Display Configuration > Labels)	The code <code>facets.facet.facet_rtype.web_resources</code> (Web Resources) is now used instead of the code <code>facets.facet.facet_rtype.website</code> (Web Sites).
Icon Codes Labels (Configuration > Discovery > Display Configuration > Labels)	The code <code>mediatype.web_resource</code> (Web Resources) is now used instead of the code <code>mediatype.website</code> (Website).

For additional information regarding resource types, see [Mapping to the Display, Facets, and Search Sections in the Primo VE Record](#).

- February 2023**
Increase Maximum Number of Conditions for Local Resource Types – This enhancement enables you to define a maximum of five conditions per local resource type instead of four conditions. For more details, see [Configuring Local Resource Types for Primo VE](#).
- February 2023**
Remove Google Bot Statistics from Analytics – Previously, if Google bots attempted to render Primo VE’s full record pages, these attempts were recorded in Primo VE Analytics. With this fix, we added a filter to the UI layer to filter beacon calls that are recognized as Google bots, preventing these actions from being recorded in Primo VE Analytics.
- February 2023**
Collection Discovery Optimization – With this enhancement, users can now view a Collection’s items sooner while its thumbnails are loading separately. This is similar to the experience currently seen in the brief results.
- February 2023**
UX Improvements - Reduce Slide-In Animation while scrolling the Brief Results - NERS #7700 – Previously, users experienced slight alignment issues while scrolling through items that had not fully loaded in the brief results. This has been fixed.
- January 2023 (Added March 1, 2023)**
Deboost Records Retrieved with TOC Titles – The MARC field 505\$t is now included in the title index to allow customers to deboost TOC titles from the records' main titles.

Note

This functionality is immediately supported for new and modified records. For unchanged records, this functionality is not supported until the records are indexed after the next semi-annual indexing, which is planned for August. If you need this functionality sooner, either open a Support ticket for assistance or create a set of records that

include the MARC field 505\$t and then re-index that set with the Recalculate Local Resource Types job.

• **January 2023 (Added January 17, 2023)**

CNMARC Mapping Improvements – The following changes have been made to improve CNMARC mapping for display, facets, and search.

Note

For existing records, a re-index is required to support the new mappings. Customers can either wait for the upcoming semi-annual indexing in February, re-save a set of records with this data to trigger indexing, or open a Support ticket to request re-indexing.

PNX Section	PNX Field	Old Mapping	New Mapping
Display	Creator	200 f,g	200 f 700 a-d,f,4 701 a-d,f,4 710 a-h,4 711 a-h,4 720 a,f,4 721 a,f,4
	Contributor	702 a, b, c, d, f, g, p, 4 712 a, b, c, d, f, g, p, 4 722 a, b, c, d, f, g, p, 4	200 g 702 a-d, f, 4 712 a-h, 4 722 a,f, 4
	Title	200 a, c, d, e, h, i	200 a, c, e, h, i,d
Search	Additional Title	501 a,e,9 503 a,b,i,9 510 a,e,h,i,j,9 512 a,e,9 513 a,e,h,i,9 514 a,e,9 515 a,9 516 a,e,9 517 a,e,9 518 a,9 520 a,e,h,i,9 530 a,b,j,v,9 531 a,b,9 532 a,9 540 a,9 541 a,e,h,i,9 545 a,9 605 a,h,i 4XX a,t	225 a,e,h,i,9,A 520 a,e,h,i,9, A 530 a,b,j,v,9,A 531 a,b,9,A 532 a,9,A 540 a,9,A, 541 a,e,h,i,9,A 545 a,9,A 605 a,h,i 4XX a,t

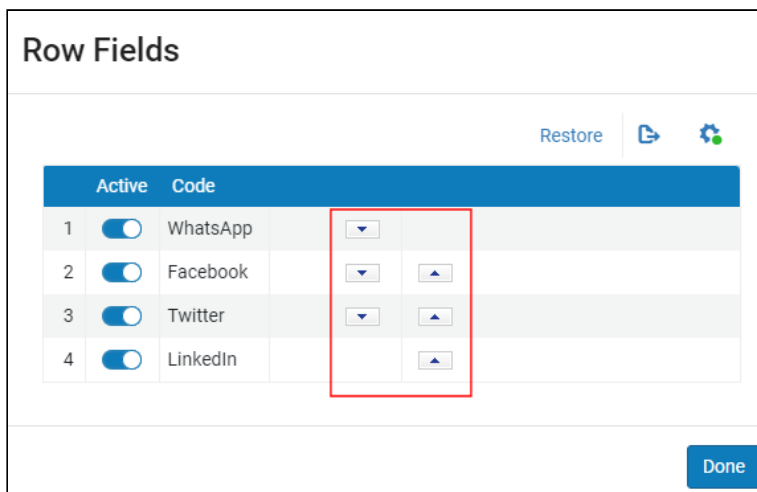
PNX Section	PNX Field	Old Mapping	New Mapping
	Alternative Title	510 a,e,h,i,j,9 512 a,e,9 516 a,e,9 518 a,9 530 a,b,j,v,9 531 a,b,9 532 a,9	500 a,b,h,i,9,A 501 a,e,9,A 503 a,b,i,9,A 510 a,e,h,i,j,9,A 512 a,e,9,A 513 a,e,h,i,9,A 514 a,e,9,A 515 a,9,A 516 a,e,9,A 517 a,e,A9 518 a,9,A
	Creator & Contributor	700 a-d,f,p,9 701 a-d,f,p,9 710 a-h,p,9 711 a-h,p,9 720 a,f 721 a,f,9 702 a-d,f,g,9 712 a-h,p,9 722 a,f,9	700 a-d,f,p,9,A 701 a-d,f,p,9,A 702 a-d,f,g,9,A 710 a-h,p,9,A 711 a-h,p,9,A 7120# a-h,p,9,A 720 a,f,A 721 a,f,9,A 7220# a,f,9,A
	Subject	600 a-d,f,g,j,p,t,x-z 601 a-h,j,t,x-z 602 a,f,j,t,x-z 604 a,j,t,x-z 605 a,h-n,q-s,u,w,x-z 606 a,j,x-z 608 a,j,x-z 610 a	600 a-d,f,g,j,p,t,x-z,9,A 601 a-h,j,t,x-z,9,A 602 a,f,j,t,x-z,9,A 604 a,j,t,x-z,9,A 605 a,h-n,q-s,u,w,x-z,9,A 606 a,j,x-z,9,A 607 a,j,x-z,9,A 608 a,j,x-z,9,A 610 a,9,A
	Title	200 a,c,d,e,h,i,9,A 500 a,b,h,i,9	200 a,c,d,e,h,i,9,A
Facets	Creator & Contributor	200 f,g 702 a,b,c,d,f,g,p 712 a,b,c,d,f,g,p 722 a,b,c,d,f,g,p	700 a,f 701 a,f 702 a,f 710 a,f 711 a,f 712 a,f 720 a,f 721 a,f 722 a,f
	Topic	600 a-d,f,g,j,p,t,x-z 601 a-h,j,t,x-z 602 a,f,j,t,x-z 604 a,j,t,x-z	600 a-d,f,g,j,p,t,x-z 601 a-h,j,t,x-z 602 a,f,j,t,x-z 604 a,j,t,x-z

PNX Section	PNX Field	Old Mapping	New Mapping
		605 a,h-n,q-s,u,w,x-z 606 a,j,x-z 608 a,j,x-z 616 a,f,c,j,x-z 617 a-e,k,m-o 610 a	605 a,h-n,q-s,u,w,x-z 606 a,j,x-z 607 a,j,x-z 608 a,j,x-z 616 a,f,c,j,x-z 617 a-e,k,m-o 610 a
	Date of Publication	100 a positions 09-12 210 d 201 h 207 a	100 a positions 09-12 210 d,h
	Publisher	Facet and rule did not exist.	210 c
	Chinese Library Classification	Facet and rule did not exist.	690 a
Resource Type	Journal	Leader(06-07) = as AND 110a pos 0 = a	Leader(06-07) = as OR 110a pos 0 = a

For more information regarding mapping, see [Mapping to the Display, Facets, and Search Sections in the Primo VE Record](#).

- **January 2023**

Sort Services under the Share Action – This enhancement allows you to sort the supported social media services that are listed under the Share export action. To support this change, up/down arrows were added to the Share configuration on the Brief Record Display tab of the View Configuration page (**Configuration > Discovery > Display Configuration > Configure Views**):



Share Action Configuration - New Sort Option

Resolved Issues

- **December 2023 SF: 6544844, 6500536, 6734936**
When displaying many pages in Primo VE (including the home search page), the browser console returned an error for some images. This has been fixed.
- **December 2023 SF: 6900592**
Journal or Database search followed by Journal or Database category search returned duplicate results in the page number label. This has been fixed.
- **December 2023 SF: 6302895, 6386275, 6899788**
Order of top-level collections in the Collections Lobby did not match the order in Alma. This has been fixed.
- **December 2023 SF: 6344938**
For Digitization requests, the "Partial mandatory field missing" error message was not translated. This has been fixed.
- **December 2023 SF: 6530821, 6597555, 6612867, 6696650, 6759622, 6777070, 6793371, 6845367, 6861680, 6871231, 6933747**
Suppressed records were still available for viewing through direct link. This has been fixed.
- **December 2023 SF: 6037087, 6451141, 6570595, 6789773, 6942714**
NZ records from other IZ collections were displaying in another IZ's collection. This has been fixed.
- **December 2023 SF: 6557664**
No results were returned after choosing 'Other' in the for the year, volume, and description fields in the Get It filter. This has been fixed.
- **December 2023 SF: 6569957, 6637336, 6771678**
The list of items in FRBR group list was inconsistent. This has been fixed.
- **December 2023 SF: 5318883, 6276425, 6530287**
Old and new Kanji characters showed different results in searches for US English customers. This has been fixed.
- **December 2023 SF: 6686608**
OAI test failed for external import profiles. This has been fixed.
- **December 2023 SF: 6715552**
The UNIMARC Creation Date display rule did not work after customization. This has been fixed.
- **December 2023 SF: 6458573, 6758093, 6758890, 6859084, 6861552**
The Expand My Results toggle was not working correctly for Newspaper Search. This has been fixed.
- **December 2023 SF: 6755650, 6785151**
The Source field did not display for UNIMARC records in the Full Display. This has been fixed.
- **December 2023 SF: 6771361**
Some lines in the context_object did not have the openURL information parsed into the openURL field. This has been fixed.
- **December 2023 SF: 6721633, 6811435**
Chapter Title and Chapter Author were not populated in the Alma Item digitization request form. This has been fixed as follows:
The Chapter Title and Chapter Author are populated only when the record's type is Article. In addition, these fields are populated in the general "Digitize Other" request form when the Article option has been selected.
- **December 2023 SF: 6827275**
Some German OTB labels contained NICHT_DEFINIERT instead of NOT_DEFINED. This has been fixed.
- **December 2023 SF: 6854877**
Users could not duplicate views. This has been fixed.
- **December 2023 SF: 6817312**

The Resource Recommender page did not calculate the selected row index correctly when there was more than one page. This has been fixed.

Note that this solution fixes both the "Active" switch and the "Display Always" switch.

- **December 2023 SF: 6352973, 6735944**
In Primo Analytics, Primo Sessions.Actions did not match Action Usage.Actions. This has been fixed.
- **December 2023 SF: 6882577, 6890361, 6891326**
Resource Sharing Label 'specificChapterPages' description was red instead of OTB black. This has been fixed.
- **December 2023 SF: 6843408, 6900334**
Magazine/Magazine Article were missing from the CDI Resource Type list in Search Profile configuration. This has been fixed.
- **November 2023 SF: 6539913, 6547637, 5305150, 5328560, 6023299, 6024573, 6024888, 6024934, 6025191, 6025590, 6025970, 6026245, 6026410, 6027097, 6027772, 6028244, 6034378, 6036125, 6037172, 6040996, 6042520, 6043642, 6043948, 6044300, 6047533, 6050244, 6050413, 6055178, 6058265, 6204767, 6216628, 6217661, 6218688, 6219903, 6222299, 6224683, 6233186, 6236443, 6238235, 6239117, 6246167, 6248160, 6249636, 6251793, 6251983, 6252051, 6257086, 6266476, 6272763, 6283540, 6288394, 6291082, 6291557, 6298016, 6315845, 6316659, 6328438, 6330663, 6346323, 6346498, 6346659, 6349485, 6354513, 6366466, 6373874, 6374040, 6374846, 6387372, 6427271, 6428452, 6433800, 6440623, 6445039, 6455915, 6456290, 6458333, 6460093, 6477920, 6478261, 6498244, 6499541, 6500857, 6505234, 6505420, 6513489, 6525670, 6528353, 6556209, 6569732, 6627568, 6628201, 6629074, 6649808, 6664216, 6666014, 6687550, 6750197, 6780610, 6821510, 6822618, 6863667, 6912789, 6925684**
CSL - APA 7th style is not generating the first initial of the first author. This has been fixed. For more information, see [CSL Upgrade](#).
- **November 2023 SF: 6656725**
The alignment direction of the Authentication note was not displayed correctly for Hebrew. This has been fixed.
- **November 2023 SF: 6471080**
The alignment direction of the fine/fee numbers on the My Account > Fines and Fees page displayed incorrectly for the Hebrew interface. This has been fixed.
- **November 2023 SF: 6467119**
English titles in My Account displayed from their end instead of their beginning in the Hebrew interface. This has been fixed.
- **November 2023 SF: 6467091**
When a viewing a record's PNX with the Hebrew interface, the PNX fields were aligned on the right instead of the left. This has been fixed.
- **November 2023 SF: 6460144**
In Resource Recommender suggestions, space was missing between resources when using the Hebrew interface. This has been fixed.
- **November 2023 SF: 6460134, 6752730**
The My Favorites pin in Collection Discovery was aligned to the left instead of the right when using the Hebrew interface. This has been fixed.
- **November 2023 SF: 06589144, 06718554**
The following actions were not being recorded in Analytics: **Reference Entry - Full text** and **Reference Entry - View More**. This has been fixed.
- **November 2023 SF: 06789711**
The CT Display Constant Labels code table was missing the out-of-the-box label for the following code: `fulldisplay.constants.SUCCEEDS`. This has been fixed.
- **November 2023 SF: 06662937, 06666640, 06685651, 06697468**

When records were held by multiple IZs, records with call numbers that did not start with the specified term were returned in search results. This has been fixed.

- **November 2023 SF: 06537957, 06806535**
Open Access records from CDI were being proxied in the Links section when proxies were disabled for Open Access records. This has been fixed.
- **November 2023 SF: 06428253**
The order of full text items on the record's full display page were not in the correct order and should match what displays in Alma. This has been fixed.
- **November 2023 SF: 6806362**
Primo VE was not allowing users to request items. This has been fixed.
- **November 2023 SF: 6864115, 6877299, 6877696, 6877832, 6877846, 6878522, 6878993, 6879531, 6879700, 6879781, 6881383, 6881506, 6881591, 6908148, 6908696, 6881828, 6882231, 6882390, 6882574, 6882689, 6882769, 6885323, 6885628, 6886883, 6893450, 6895350, 6899333, 6909950, 6917889, 6918113, 6919363, 6920086, 6920211, 6922980**
The description for the **specificChapterPages** code was not displaying its description. This has been fixed and now uses the **almaResourceSharing.specificChapterPages** code in the Resource Sharing Labels code table.
- **November 2023 SF: 6845852**
Display CDI document attributes appeared 'on' without the customer activating it in the DB. This has been fixed.
- **November 2023 SF: 6584248**
Permalink does not work when institution code is masked. This has been fixed.
- **November 2023 SF: 6824281, 6852070, 6862625, 6890497**
Dedup and FRBR Test Utility consistently throwing errors on FRBR test only. This has been fixed.
- **November 2023 SF: 6794146, 6818765**
Suppressed records were still displayed after repeated Barcode search. This has been fixed.
- **November 2023 SF: 6824445**
The Refine My Search section could no be displayed on the right side of the Journal Search page. This has been fixed.
- **November 2023 SF: 6762843, 6805849, 6830952, 6926225**
Links for Web of Science were returning an error. This has been fixed.
- **November 2023 SF: 6744370**
The full display of the related record did not show book chapter links in Alma ebook records. This has been fixed.
- **November 2023 SF: 6807986**
Subject values were not sorted properly in the record's details. This has been fixed.
- **November 2023 SF: 6737664**
View Online section does not appear for guest users for deduped records in Union View. This has been fixed.
- **November 2023 SF: 6623808, 6730422**
For blended searches, the Subject facet record numbers did not match the number of records returned when selected. This has been fixed.
- **November 2023 SF: 6779826**
Fines and fees alert icon appeared for waived fines. This has been fixed.
- **November 2023 SF: 6798949**
Unable to export records from newspaper search to EndNote. This has been fixed.
- **November 2023 SF: 6717788, 6777674**
Spanish or French saved search alert email contained English subject label. This has been fixed.
- **November 2023 SF: 6623502, 6847338**
Some NZ electronic records were excluded/included in the Custom scope that should not include NZ electronic

- records. This has been fixed.
- **November 2023 SF: 6639905**
Email address of external user could not be updated and returned the following error: home type is not valid for user of type Staff. This has been fixed.
 - **November 2023 SF: 6596007**
When using Display Logic Rules to hide digital or electronic services, location and services from institution members were hidden. This has been fixed.
 - **November 2023 SF: 6750878, 6751206**
Search operators in Advanced Search were not readable by JAWS. This has been fixed.
 - **November 2023 SF: 6687454**
The Featured Results Bar was not displaying in Search Profile Slot with Search Webhook. This has been fixed.
 - **November 2023 SF: 6721397**
When filtering by author/creator using the checkbox and applying filters, no results displayed. This has been fixed.
 - **November 2023 SF: 6764204, 6870180**
Slow Create-loan APIs when there is a lot to index for Primo VE following the loan. This has been fixed.
 - **November 2023 SF: 6227389, 6602566, 6651892, 6791531, 6796374, 6881582**
For external data sources, facets were displayed in lowercase. This has been fixed.
 - **November 2023 SF: 6656119**
Collection discovery was very slow or not loading at all. This has been fixed.
 - **November 2023 SF: 6496116, 6625468, 6778633 (Updated November 15, 2023)**
The Resource Sharing Request form should not have populated Author and Article Title fields for Journals. This has been fixed to allow users to specify them.
 - **November 2023 SF: 6632812**
The request form was not reset and displayed error messages (in red). This has been fixed.
 - **November 2023 SF: 6604436**
Thumbnails for external records were not displaying for some cases. This has been fixed.
 - **November 2023 SF: 6357162**
Pickup institution for "request other issue" did not default to the home institution. This has been fixed.
 - **November 2023 SF: 6305668, 06312696 (Updated February 6, 2024)**
Exact subject search with parentheses failed. This fix requires you to set the new parameter **primo_ve_remove_parentheses_from_query** to **true** on the Discovery Customer Settings page ([Configuration > Discovery > Other > Customer Settings](#)).
 - **November 2023 SF: 5317479**
Facet menu was not available when coming from saved search email alert. This has been fixed.
 - **November 2023 SF: 6231054**
Related records were not fully displayed in Get It. This has been fixed.
 - **November 2023 SF: 6291918, 6521654**
Request form should include Roman numeral 'X' for the ISBN field. This has been fixed.
 - **November 2023 SF: 5324790, 6276017, 6286410, 6531215**
Resource Sharing request created with "Not Needed After" date set to current date showed corresponding hold request as "Date Needed By" in the past. This has been fixed.
 - **September 2023 SF: 06517330 (Added October 3, 2023)**
The silent login in the Union View did not work when switching between IZ views. This has been fixed.
 - **September 2023 SF: 06656725**

Authentication note displayed incorrectly in Hebrew. This has been fixed.

- **September 2023 SF: 06471080**
When switching to Hebrew, the fine numbers did not shift to the right side of the My Library Card > Fines and Fees page. This has been fixed.
- **September 2023 SF: 06467119**
While using the Hebrew UI, the end of the English titles were displayed instead of the beginning of the titles. This has been fixed.
- **September 2023 SF: 06467091**
While using the Hebrew UI, the PNX aligned on the left side instead of the right side. This has been fixed.
- **September 2023 SF: 06460134**
While using the Hebrew UI, the My Favorites pin appeared on the left instead of the right in Collection Discovery. This has been fixed.
- **September 2023 SF: 06546820, 05302249, 05318707, 05327039, 06041754**
Sending saved records to email did not include all selected records. This has been fixed.
- **September 2023 SF: 05303541**
Screen readers now announce when a label is added or removed, and associated navigation using arrows is now accessible.
- **September 2023 SF: 6781942**
In some cases, the Resource Type Filter Bar used **Report** instead of **Reports**. This has been fixed.
- **September 2023 SF: 6765357**
The Links section did not appear in the first load. This has been fixed.
- **September 2023 SF: 5315644**
MLA citations with 1 author and 1 contributor incorrectly contained the **et al.** Latin abbreviation. This has been fixed.
- **September 2023 SF: 6742223**
In some Get It request, a non-mandatory field was marked as required and prevented the form from being submitted. This has been fixed.
- **September 2023 SF: 6777953**
When making a duplicate of view, all checked General attributes were not copied. This has been fixed.
- **September 2023 SF: 6309022, 6658612**
The How to Get It section displayed scrolling diamonds when their were suppressed holdings. This has been fixed.
- **September 2023 SF: 6559410 (Updated August 24, 2023)**
In some instances, inconsistencies with Syndetics were found. For details, see [Support UPCs for Syndetics Integrations](#).
- **September 2023 SF: 6587889, 6766846**
Users attempting to login from the Get It section of a record in overlay mode were redirected to the search results instead of the original record. This has been fixed.
- **September 2023 SF: 6605278**
In some cases, the pickup locations on the request forms were not displayed correctly. This has been fixed.
- **September 2023 SF: 6357162**
When requesting another issue, the Pickup institution on the request form did not default to the home institution. This has been fixed.
- **September 2023 SF: 6496663, 6793663, 6824519**
For Fulfillment Networks, the following default Register label was incorrect: **nui.fulldisplay.otherLocations.register**. This has been fixed.
- **September 2023 SF: 6517330**

Silent Login in the Union View did not work between views. This has been fixed.

- **September 2023 SF: 6439205**
The Google thumbnail was not displayed for records when they did not have an ISSN or ISBN. To resolve this issue, the OCLC number is included in the Google thumbnail request.
- **September 2023 SF: 5301451, 6574031, 6678871, 6704783, 6751372, 6787985, 6824267**
Pickup locations for physical item requests were not sorted alphabetically. This has been fixed.
- **September 2023 SF: 6541256, 6269964, 6420795, 6614884, 6657832, 6767189**
The Suppress Dedup/FRBR rule was not applied to recent records. This has been fixed.
- **September 2023 SF: 5302168, 5317395, 5320964, 6411399, 6741758**
PDF QuickLinks were not displayed consistently. This has been fixed.
- **September 2023 SF: 5299911**
My Library Card > Requests did not display more than 200 requests. Please contact Support if more is necessary.
- **September 2023 SF: 5309638, 6579006**
The Bibtex export did not include additional authors. This has been fixed.
- **September 2023**
The **&showPnx=true** parameter was not working for Newspaper Searches. This has been fixed.
- **September 2023**
The following ongoing accessibility improvements were fixed per section:
 - Timing Adjustable (2.2.1.a)
 - Focus Order (2.4.3.a)
- **September 2023 (Added August 24, 2023)**
Local search fields that use normalization rules are not supported when defining conditions for FRBR/ Dedup suppression rules on the Suppress Dedup/FRBR Rules page, but they were included as possible choices. This has been fixed by removing them from the list.
- **August 2023 SF: 06271939 (Added August 9, 2023)**
Searches failed due to long Apache Lucene queries. This has been fixed.
- **August 2023 SF: 06311969 (Added August 9, 2023)**
Advanced search on local field 56 Classifications did not work in IZs. This has been fixed.
- **August 2023 SF: 06617044, 06626000, 06765427, 06774862, 06598780, 06667755, 05323304, 06717110, 06534947, 06842851, 05325761, 06640147, 06745976, 06746898, 06626462, 06765770 (Added August 8, 2023)**
In some cases, matching records were not added to FRBR groups. This fix will be released with the August 13, 2023 Release Update and requires a FRBR recalculation. For more details, see [Recalculate Dedup and FRBR Groups](#).
- **August 2023 SF: 5330204**
Missing/Wrong 'aria-label's for mobile view icons. This has been fixed.
- **August 2023 SF: 5330085, 6352973, 6735944**
Device Usage actions are filtered differently from Action Usage actions. This has been fixed.
- **August 2023 SF: 6316136**
AutoComplete did not accept input with an apostrophe. This has been fixed.
- **August 2023 SF: 6377312**
Accessibility: aria label is missing for the Warning message after "copy citation to clipboard" button in full record. This has been fixed.
- **August 2023 SF: 6611156, 6658198**
The Date was not formatting correctly in Virtual Browse. This has been fixed.
- **August 2023 SF: 6682918**

Accessibility: For No Results Suggestions, heading was not marked up semantically. This has been fixed.

- **August 2023 SF: 06746383, 06746476, 06765370**

When displaying the closed fees, we displayed the “Remaining balance” value rather than the “original amount” value in My Library Card - Closed Fines Filter. This has been fixed.

- **August 2023 SF: 06397071, 06492215, 06496325, 06613445**

(Added the `fulldisplay.constants.complete_edition` code to the Display Constants Labels code for the relation label **Other editions**.

- **August 2023 SF: 06540900**

Aria labels for the My Requests and My Loans links in the User Area Menu could not be configured in the Aria Labels code table. This has been fixed by adding the following codes:

Code	Description
nui.aria.menu.myLoans	My Loans
nui.aria.menu.myRequests	My Requests

- **August 2023 SF: 5301578, 5328388, 6378141**

When 245 \$h was included in Title Starts With search, it was not ignored. This has been fixed.

- **August 2023 SF: 5309031, 5312452, 5330033**

Subject search links from Services page results in broken queries because ampersand was not encoded. This has been fixed.

- **August 2023 SF: 5310195, 6298271, 6530414, 6563152**

CSL: Wrong Editor displayed in citation. This has been fixed.

- **August 2023 SF: 6588831, 6750588**

QR link doesn't lead to the record. This has been fixed.

- **August 2023 SF: 6319322**

After update of CZ authority record, related bib records were not reindexed. This has been fixed.

- **August 2023 SF: 6753453, 6758911, 6775284**

Mismatch between number of results in facets and in the Resource Type Bar. This has been fixed.

- **August 2023 SF: 6462517**

The API Webhook returned less results when not defining the AND operator. This has been fixed.

- **August 2023 SF: 6702357**

Resource Sharing Request form overrode the owner to default if pickup location was different. This has been fixed.

- **August 2023 SF: 6764204**

Slow Create-loan APIs when there was a lot to index for Primo following the loan. This has been fixed.

- **August 2023 SF: 6422090**

Searching with quotation marks and dashes returned blank pages. This has been fixed.

- **August 2023 SF: 6749571**

The Use my search history for the recent search toggle was not visible for users signing in via Network union view. This has been fixed.

- **August 2023 SF: 6750044**

Following the submission of the Citation Linker form, the UI language changed to Italian. This has been fixed.

- **August 2023 SF: 6777255**

BIB records were not fully displayed when opened in the MD Editor and received an alert that the Mandatory field 245 was missing. This has been fixed.

- **August 2023 SF: 6784696, 6798085, 6801574, 6801830, 6801862, 6791514**
Loading problems and intermittent GetIt display with Angular errors in browser console. This has been fixed.
- **August 2023 SF: 6808077, 6811455**
Boolean operator NOT did not function as expected. This has been fixed.
- **July 2023 SF: 6316136**
Auto-Complete did not accept input with an apostrophe. This has been fixed.
- **July 2023 SF: 6746348**
Voice Search languages were not in the correct order on the first try. This has been fixed.
- **July 2023 SF: 5311418, 5325927, 5332141, 5332216**
Auto-Complete index files contained space instead of special characters (quotations, periods, and so forth). This has been fixed.
- **July 2023 SF: 6039263, 6442679, 6459487, 6607413**
Language pre-filter was not working as expected and returned results without the language specified. This has been fixed.
- **July 2023 SF: 6313357**
MARC field 880-505 t was not searchable. This has been fixed by adding MARC field 880-505.t to the TOC search mapping. This fix requires all affected records to be re-indexed.
- **July 2023 SF: 6305668**
Exact subject search with parentheses failed. This has been fixed.
- **July 2023 SF: 6464489**
In addition to the MARC 773.t field, the MARC 880-773.t field was not displayed for the related title in the Get It section. This has been fixed.
- **July 2023 SF: 6527543**
Wrong "Place in queue" number on requests in French UI. This has been fixed.
- **July 2023 SF: 6496663**
The following out-of-the-box Register label was missing: **fulldisplay.otherLocations.register**. This has been fixed.
- **July 2023 SF: 6576520**
Data before a pipe character (|) was not indexed. This has been fixed.
- **July 2023 SF: 6565148**
Removed label **nui.journalsearch.category.option2** from Journal Search Labels Code Table. This has been fixed.
- **July 2023 SF: 6613987**
Search queries with digits 1-9 did not return matching records when the record contained the word for the number (such as nine). This has been fixed by adding the following entries to Primo VE's synonym file:

New Synonyms	New Synonyms
1=one(very high)	nine=9(very high)
2=two(very high)	eight=8(very high)
3=three(very high)	seven=7(very high)
4=four(very high)	six=6(very high)
5=five(very high)	five=5(very high)
6=six(very high)	four=4(very high)
7=seven(very high)	three=3(very high)
8=eight(very high)	two=2(very high)
9=nine(very high)	one=1(very high)

- **July 2023 SF: 6725241**
The following Hebrew label was missing the {{provider}} placeholder: **fulldisplay.Access_content_in**. This has been fixed.
- **July 2023 SF: 6750878**
Search operators in Advanced search were not readable by JAWS. This has been fixed.
- **July 2023 SF: 6544417, 6682929**
Topic Overview used proxy for Wikipedia when it should not have. This has been fixed by adding the OA flag to the Topics PNX field.
- **July 2023 SF: 6611208, 6741421**
Primo VE Analytics API returned a 404 error. This has been fixed.
- **July 2023 SF: 6679535, 6714180, 6716022, 6764272, 6764829, 6765523**
Received an Internal Server Error when placing booking requests. This has been fixed.
- **June 2023 SF: 06242045 (Added June 13, 2023)**
When patrons selected a **Pickup Institution** that had more than one pickup location on the Request form, the **Pickup Institution** field locked. This has been fixed.
- **June 2023 SF: 6687692**
After switching to Advanced Search, the simple search box appeared briefly. This has been fixed.
- **June 2023 SF: 5306913, 6310454, 6353007, 6483345, 6649540, 6658224, 6673254**
For mobile devices, the Locate button disappeared from 'Location items' in the Get It section of the record's full display. This has been fixed.
- **June 2023 SF: 6538220 (Updated August 6, 2023)**
Added the nui.aria.search.searchField code to the Aria Labels code table to provide accessibility in the regular Search box. This has been fixed.
- **June 2023 SF: 6540900**
Added aria labels for My Loans and My Requests menu items. This has been fixed.
- **June 2023 SF: 5318121, 6267937, 6404690, 6490570**
Facets did not appear after performing hyperlinks searches in Primo VE. This has been fixed.
- **June 2023 SF: 5325090, 6230689, 6660882**
Unable to translate linktorsrc title. This has been fixed.
- **June 2023 SF: 6548942, 5298959, 5308857**
Configuration to hide Due Date in Loans was ignored. This has been fixed.
- **June 2023 SF: 6053351, 6401387, 6430497, 6435848**
The Publish records to Google - sitemap - job report had zeroes after sitemap was created. This has been fixed.
- **June 2023 SF: 6242045, 6702357**
In some cases, the "Pickup Institution" selection locked. This has been fixed.
- **June 2023 SF: 6282160**
Restricted Search Group for collections was not working as expected. This has been fixed.
- **June 2023 SF: 5307015**
The Chapters of this book link was only visible after reload. This has been fixed.
- **June 2023 SF: 6262117, 6630087**
Local facet did not appear in blended scope. This has been fixed.
- **June 2023 SF: 6380217**
When the Item data field 'Year' was configured to display in Brief Item Display and Full Item Display in Get It did not appear in some cases. This has been fixed.

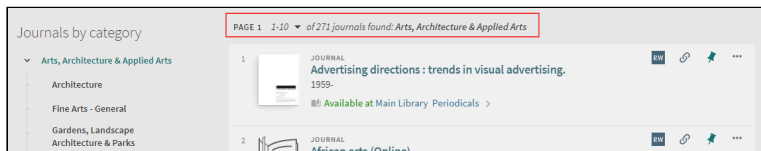
- **June 2023 SF: 6517330**
Silent Login in Primo Union View did not work between views. This has been fixed.
- **June 2023 SF: 6509029, 6535813**
Clicking the Available Online status in full view directed to Get It instead of View It. This has been fixed.
- **June 2023 SF: 6533358**
Longer Chinese search combined with capital English did not return results. This has been fixed.
- **June 2023 SF: 6588637**
Unable to delete duplicate DB category. This has been fixed.
- **June 2023 SF: 6616955**
When expanding the item list, the year filter was ignored. This has been fixed.
- **June 2023 SF: 6632812**
The request form was not reset and displayed error messages (in red). This has been fixed.
- **June 2023 SF: 6611786, 6635757, 6648287 (Updated August 10, 2023)**
When saved records without a label were deleted in My Favorites, the label for the link displayed 0 results. This has been fixed as follows:
The deleted records still appear in My Favorites, but with limited data (title and author) and the following message: **Please note that this record is no longer available in the system.** Users can only unpin deleted records in My Favorites. The `nui.favorites.labels.notAvailable` code has been added to the Favorites Labels code table to allow customization and translation of the new message.
- **June 2023 SF: 6623713**
The ISBN ID in the thumbnail request URL was fixed, and the thumbnail is now displayed correctly. This has been fixed.
- **June 2023 SF: 6633962**
For Discovery imports of multiple source files with exactly 50 records or multipliers did not split all records. This has been fixed.
- **June 2023 SF: 6682716**
Some labels and records added to Saved Records in My Favorites temporarily disappear from the Labels section when selected. This has been fixed.
- **June 2023 SF: 6683389**
Found misspelling in All Journals. This has been fixed.
- **June 2023 SF: 6696442**
Quotation marks in emails ruined the message in Hebrew. This has been fixed.
- **June 2023 SF: 6293336**
The multilingual term to be displayed in 2 UI languages displayed additional comma. This has been fixed.
- **May 2023 SF: 6287334**
The aria-label was missing for the **Add this item** button. This has been fixed.
- **May 2023 SF: 6287354**
The aria-label was missing for the display check boxes button. This has been fixed.
- **May 2023 SF: 6293256**
During Citation exports, adddata/title field was not present for content type patent, audio. This has been fixed.
- **May 2023 SF: 6538249**
External links had role=link instead role=button. This has been fixed.
- **May 2023 SF: 6538263**
Exclude filter button/indication should be 'del' instead of 'strong'. This has been fixed.

- **May 2023 SF: 6247313, 6569462**
External Alma-P records appeared as **available online** instead of **Available in library**. This has been fixed.
- **May 2023 SF: 6288870**
The View management role could not see and edit labels. This has been fixed.
- **May 2023 SF: 6351400 (Updated June 14, 2023)**
The normalization of local facet values was not disabled. This has been fixed, but it requires re-indexing.
- **May 2023 SF: 6330518, 6614468**
View it showed the label code instead of the description. This has been fixed.
- **May 2023 SF: 6348399, 6373989**
The same records with the same MMS ID appeared in the Virtual Browse section of the record's full display. This has been fixed.
- **May 2023 SF: 6456214**
Repeated and duplicated saved search email for the same alert. This has been fixed.
- **May 2023 SF: 6428437**
The last collection item was missing in full display. This has been fixed.
- **May 2023 SF: 6439205**
Google Books thumbnails were not displayed when regular expressions were used. This has been fixed.
- **May 2023 SF: 6534943**
Digital representation thumbnails were not displayed. This has been fixed.
- **May 2023 SF: 6568889**
Primo VE failed to properly build a citation from an OpenURL that included a ")" character. This has been fixed.
- **May 2023 SF: 6597295**
Not all links to resource displayed in Full Display or permalink of Search Webhook record. This has been fixed.
- **May 2023 SF: 6618232**
New Search Profile Slots were not returning results and displayed endless diamonds. This has been fixed.
- **May 2023 SF: 6635757**
When all My Favorites records were deleted, the record count was not zero. This has been fixed.
- **May 2023 SF: 6666047**
Full display links did not work with a Webhook. This has been fixed.
- **May 2023 SF: 6670595**
The Springer Holdings File job failed. This has been fixed.
- **May 2023 SF: 6678087**
Additional dash in the page header in Hebrew. This has been fixed.
- **May 2023 SF: 6679847**
Search results of Search Inside functionality returned the wrong language of UI. This has been fixed.
- **April 2023 SF: 05310150, 05312023, 05333353, 06562265, 06635994**
In some cases, there were display issues with icons in emails returned from the export to Email action. This has been fixed.
- **April 2023 SF: 06352425, 06656629**
See [Support Series Search with ISSN](#).
- **April 2023 SF: 06237198**
See [Change Behavior of Signed in Measurement for Analytics](#).
- **April 2023 SF: 06648660**
For searches in My Favorites, the **X** button did not delete the search term and overlapped with the Search icon for

- RTL languages. This has been fixed.
- **April 2023 SF: 6387111**
In some cases, there was an Issue with MARC 21 Resource Type mapping for Audio resources. This has been fixed.
 - **April 2023 SF: 6587958, 6596007**
Dedup of Alma-P and external record had missing Get It Other or endless How to get it. This has been fixed.
 - **April 2023 SF: 6558701, 6558710, 6559233, 6620758, 6656576, 6665869, 6668218, 6676596**
In some cases, reading lists with items that were physically available took too long to load. This has been fixed.
 - **April 2023 SF: 6545404, 6501714, 6535721, 6595428**
The Services Page was not populating the GES fields correctly from incoming OpenURL requests. This has been fixed.
 - **April 2023 SF: 6474743**
The translation of facet values for local field 62 did not work. This has been fixed.
 - **April 2023 SF: 6266888, 6431923**
The Custom Libraries Order table did not displays all values when they were split over several pages. This has been fixed.
 - **April 2023 SF: 6285033**
The Export to Mendeley action failed due to 008 '19uu' (07-10). This has been fixed.
 - **April 2023 SF: 5324203, 6534964**
The Title and Author values were not populated in the Digitization Request form. This has been fixed.
 - **March 2023 SF: 05309576 (Added March 17, 2023)**
The Active tab was not reported to Primo VE Analytics in the Facet Usage subject area. This has been fixed
 - **March 2023 SF: 05318883, 06276425, 06530287 (Added March 16, 2023)**
For CJK languages, Primo VE was unable to recognize whether one character was equivalent to another character when special characters were indexed. To resolve this issue, the following Unicode characters are now normalized as follows:
 - U+6236 -> U+6238
 - U+6237 -> U+6238
 - U+4E9A -> U+4E9C
 - U+4E9E -> U+4E9C
 - **March 2023 SF: 06538263**
For accessibility, the format of the Exclude filter button/indication is now 'del' instead of 'strong' to distinguish it from the Include filter button/indication.
 - **March 2023 SF: 06538249**
For accessibility, external links now have role=link instead role=button.
 - **March 2023 SF: 06435720**
JAWS users were unable to display the record's terms of use after selecting the **Terms of Use** button in View Online. This has been fixed.
 - **March 2023 SF: 06435717**
JAWS users did not receive an announcement after selecting the **Show License** button in View Online to indicate that content had been displayed. This has been fixed.
 - **March 2023 SF: 06057706**
On the Advanced Search page, the **Clear** and **Simple Search** buttons did not have aria labels to support accessibility. This has been fixed.
 - **March 2023 SF: 06218667**
Users were unable to use the keyboard's arrows to navigate the fields on the Request Form, and the screen reader did

- not announce all the locations in the Locations drop-down field. This has been fixed.
- **March 2023 SF: 5310115, 5319695**
The FRBR group resource type did not match the preferred record. This has been fixed.
 - **March 2023 SF: 5317778, 5332042, 5332185**
Could not set the default language for voice search. This has been fixed.
 - **March 2023 SF: 5314073, 5332150**
Saved search email was not received according to preferred language. This has been fixed.
 - **March 2023 SF: 5326859, 5333316**
When using Mendeley export, only the first subject was sent and repeated occurrences were omitted. This has been fixed.
 - **March 2023 SF: 6539347, 5312658, 6529124**
Times cited links were not proxied in Primo VE. This has been fixed.
 - **March 2023 SF: 5318593, 6308710**
The note appeared in Browse Search despite disabling **nui.browseGap_message**. This has been fixed.
 - **March 2023 SF: 5306677**
Labels were missing for many Language codes included in Alma, causing codes to display in the UI. This has been fixed.
 - **March 2023 SF: 6237737**
Google Scholar cleanup removed Primo VE's sitemaps. This has been fixed.
 - **March 2023 SF: 6338793**
The Market Research resource type code for CDI was missing a letter. This has been fixed.
 - **March 2023 SF: 6386674, 6429892**
While trying to upload a logo, the following error message incorrectly displayed: File width exceeds the 120 pixel limitation. This has been fixed.
 - **March 2023 SF: 6303196**
When the Display Library name was in Location facet, sort did not use it. This has been fixed.
 - **March 2023 SF: 6425153, 6601907, 6635573**
Unable to request a physical item when there were redundant pick-up locations for it. This has been fixed.
 - **March 2023 SF: 6453303**
Group setting changes made via API on the NZ service were not updating the "available_e Indicator" in the SOLR-record. This has been fixed.
 - **March 2023 SF: 6474819**
The preferred Alma-P in dedup was not always respected. This has been fixed.
 - **March 2023 SF: 6457649**
The RTA and GetIt best location availability statuses were contradictory. This has been fixed.
 - **March 2023 SF: 6494175**
Due to special characters, there were display issues in the "More from the Same Course" section. This has been fixed.
 - **March 2023 SF: 6502342, 6611885**
Subjects that started with an accented letter (such as é or É) were not sorted correctly in the record's details. This has been fixed.
 - **March 2023 SF: 6518700**
Custom Libraries Order table shows Add Location instead of Add Library. This has been fixed.
 - **March 2023 SF: 6542919**
In some cases, the export to Citation action created erroneous citation data or returned an error message. This has been fixed.

- **March 2023 SF: 6577911**
The Bibtex export action was not working for IOS and Android. This has been fixed.
- **March 2023 SF: 6609576**
Users were unable to move up/down in Display > Brief Results. This has been fixed.
- **March 2023 SF: 6632206**
The new Results per page drop-down was missing for Database and Journal searches after clicking a category.

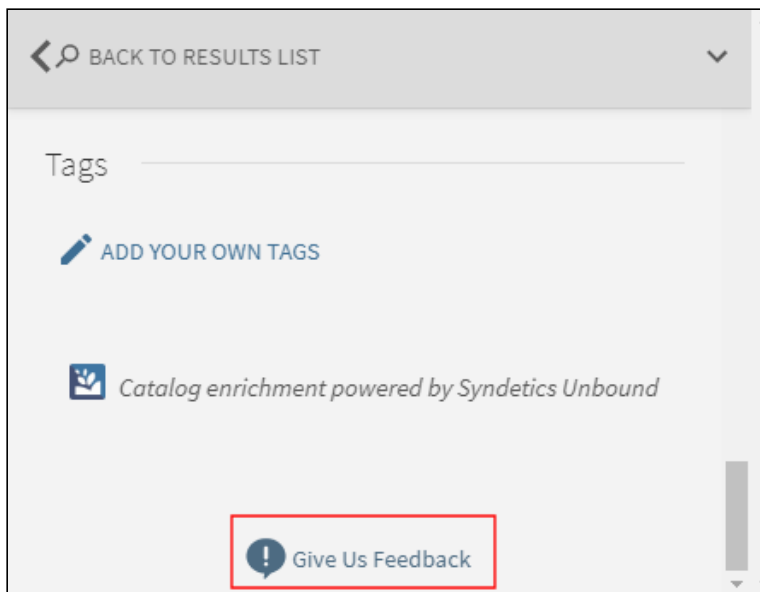


Journal Search Showing New Results per Page Drop-Down Selection

This has been fixed and includes the following new code in the Results Tile Labels code table:

Code	Description
nui.results.title.resultsDisplayedCategories	of

- **March 2023 SF: 6649893**
In My Library Card > Personal Settings, the "Country" field placeholder was not translated. This has been fixed.
- **March 2023 SF: 6527121**
Primo Studio did not display delivery and could not open full display. This has been fixed.
- **February 2023 SF: 6437494**
Changed Google captcha domain to **recaptcha.net**.
- **February 2023 SF: 5300619**
An XSS vulnerability due to a third-part translator was found in Primo VE search. This has been fixed.
- **February 2023 SF: 6545504, 5300530, 5312909, 5316742, 5320938, 6225472, 6231916, 6254902, 6304800, 6308806, 6327989, 6352292, 6359934, 6408578, 6459552, 6460001, 6475572, 6497928, 6510124, 6511609, 6516540, 6531200, 6534690, 6570874, 6582340, 6582855, 6594219, 6604499, 6616415**
Facets overlap results after resize screen (and other actions). This has been fixed.
- **February 2023 SF: 5317732**
Active filters required multiple taps on iOS devices to make filters persistent. This has been fixed.
- **February 2023 SF: 6372768, 6382931**
For mobile devices, the Give Us Feedback menu option was not available in the record's full display since there is no ellipsis to access the menu. This has been fixed by adding a Give Us Feedback link to the bottom of the Full Display page.



- **February 2023 SF: 6312370, 6395584, 6401361, 6444788 (Updated January 24, 2023)**
For Saved search emails, records appeared in the email, but did not appear in Primo VE when the Search in Full Text functionality has been disabled. This has been fixed by including the **&searchInFulltext** parameter in the URL for new saved searches when the ability to search in full text is allowed.
Note: Searches that were saved prior to this fix with the **Search In full Text** toggle set to **ON** will have to be re-saved for this parameter to be included in the URL.
- **February 2023 SF: 6569258, 6571034**
On mobile, Sort by dropdown was not responsive and appeared out of context after closing the Filter page. This has been fixed.
- **February 2023 SF: 5305634, 5330117, 5379079, 5515659, 5889492, 6052518, 6216825, 6241463, 6291791, 6317089, 6553131**
FRBR key "Author+Title" did not match when the title differed on 'and' vs. '&' or punctuation. This has been fixed.
- **February 2023 SF: 5850824**
See [Support Search in My Favorites](#) for details. This has been fixed.
- **February 2023 SF: 5331150, 5331289, 5332430**
See [Increase Maximum Number of Conditions for Local Resource Types](#) for details. This has been fixed.
- **February 2023 SF: 5300428**
The opening of the New Alma Viewer did not use the custom Primo VE Base URL. This has been fixed.
- **February 2023 SF: 5303255, 5303962, 5312527, 5325771, 6056221, 6297930, 6400934, 6401968**
PNX addata/oclcid contained non-OCLC numbers. This has been fixed.
- **February 2023 SF: 5317595**
The Primo VE getit iframe in Leganto displayed the Primo VE footer. This has been fixed.
- **February 2023 SF: 5331289, 6301350, 6301352**
See [Align Local Website Resource Type with CDI](#) for more details. This has been fixed.
- **February 2023 SF: 6308657**
See [UNIMARC Format Support](#) for more details. This has been fixed.
- **February 2023 SF: 6349661, 6370169**
See [Collection Discovery Optimization](#) for more details. This has been fixed.
- **February 2023 SF: 6400066**

An incorrect availability status appeared when only a related item was available. This has been fixed.

- **February 2023 SF: 6375367, 6515836**
Item-level requests were showing as holdings-level requests for Ful Resource Request Letter. This has been fixed.
- **February 2023 SF: 6547620, 6521420, 6535660, 6552530, 6552808, 6553519, 6555075, 6556146, 6556936, 6576970, 6580494**
Alexander Street Theatre in Context Collection (DBID AAHFF) Quicklinks did not proxy. This has been fixed.
- **February 2023 SF: 6493027, 6533434**
The label **nui.request.checkAvailability.pleaseCheckAvailability** was missing for institutions that customized GetitServiceLabels. This has been fixed.
- **February 2023 SF: 6527481**
See [Support Country Field in My Library Card](#) for more details. This has been fixed.
- **February 2023 SF: 6033997, 6533373, 6570605, 6594074, 6600121**
hk regional conversion was not working as expected. This has been fixed.
- **February 2023 SF: 6533408**
For loans, the **nui.loan.brief.1** and **nui.loan.brief.2** labels still displayed (with no data) after disabling the Loans Brief Display. This has been fixed.
- **February 2023 SF: 6580169**
Search profile labels belonging to Union View were not sent to IZs. This has been fixed.
- **February 2023 SF: 6519069, 6569916, 6571218**
Open Access record backlinks were proxied despite having the Do not proxy OA records configuration. This has been fixed.
- **January 2023 SF: 5322408, 6502430 (Added January 12, 2023)**
Changes required in CNMARC mapping. For more information, see [CNMARC Mapping Improvements](#).
- **January 2023 SF: 6359842**
Person clicks in Resource Recommender were not being recorded in Primo VE Analytics. This has been fixed.
- **January 2023 SF: 6237076, 6380863 (Updated March 21, 2023)**
Alma-D record thumbnails in a dedup record were not always displayed. This has been fixed, and the following priority is now used to display thumbnails:
 1. Alma-D
 2. Local thumbnail (template)
 3. Syndetics
 4. Google
- **January 2023 SF: 6233083**
Record content was not displayed after login. This has been fixed.
- **January 2023 SF: 6047856**
Auto complete for Journal search did not include titles with rtype=newspaper. This has been fixed, but it requires a re-indexing.
- **January 2023 SF: 6353094, 6285445, 6413927, 6317417, 6371468, 6389539, 6372143, 5304615, 6281515, 6231109, 6266282, 6273216, 6328937, 6380374**
Allow to de-boost the 505 \$. This has been fixed.
- **January 2023 SF: 6270504, 6352425, 6355728**
While searching by Series ISSN in Series or Title index, no results were found. This has been fixed.
- **January 2023 SF: 6357897, 6382881, 6384774, 6384838, 6385022**
Angle brackets were displayed in an unnormalized creator and subject facet. This has been fixed.

- **January 2023 SF: 5314934, 5331180**
Record unlinked from CZ still displayed also from DN. This has been fixed.
- **January 2023 SF: 6490702**
Users could not see the full view of records from Search Webhook. This has been fixed.
- **January 2023 SF: 6505171**
Editing Import Profiles took too long to load. This has been fixed.
- **January 2023 SF: 6445467**
View Online did not use the Online Services Order configuration. This has been fixed.
- **January 2023 SF: 6517180**
Several labels in the View It section were not translated. This has been fixed.
- **January 2023 SF: 6538194**
Changed the OTB Hebrew label **nui.aria.brief.select**. This has been fixed.
- **January 2023 SF: 6428115**
Quicklinks appeared in the Tags section instead of the Links section. This has been fixed.

CDI-Related Updates

Starting with the November 2021 release of CDI, this section lists the fixes and enhancements associated with CDI by their release date to ensure that Primo/VE customers are aware of the availability of these updates during and between releases of Primo/VE. When available, CDI updates are released on the first Wednesday of the month.

Note

Unless otherwise specified, these updates apply to both Primo and Primo VE environments.

2023 Updates

December 6, 2023

- **SF: 05310194**
When a journal was excluded from the search results using the Journal Title filter, book reviews from the publication were not removed from the results set. This has been fixed so that books reviews are now removed along with articles from the excluded publication.
- **SF: 06829351, 06868341, 06955558**
The document attribute indicator did not appear for some items after the results were refined by document attribute. This has been fixed.
- **SF: 06895572**
Featured Newspaper searches incorrectly returned results from non-featured newspapers. This has been fixed.
- **SF: 06855501, 06939858**
The edition field in the PNX was updated to include the most comprehensive edition information available for the record.

November 1, 2023

- **SF: 06273728, 06450681, 06552502**
The notes field was removed as a default search field in CDI to reduce ranking problems caused by problematic notes metadata in some CDI records.
- **Normalized Subject Terms** – We are offering a new normalized Subject index that is normalized, deduped, and

matched with LCSH, MeSH, and a small subset of Proquest thesaurus terms. Although this functionality cannot be shared with customers until the Primo/VE February 2024 release, you can test it in your November Production environment to compare the old and new normalized Subject index by adding a parameter to your search URLs. For more details, see [Using Normalized Subject Headings from CDI](#).

- **Unpaywall Collection for CDI** – In addition to the other methods of integrating Unpaywall for discovery, Primo/Primo VE customers can activate the Unpaywall for CDI collection in the Alma CZ and SFX KB to ensure the following:
 - The Unpaywall collection appears under the Collection facet in Primo/VE.
 - CDI manages and prioritizes Open Access (OA) full text links for Unpaywall records and displays them with the other Link in Record OA links in Primo/VE.
 - CDI updates the Unpaywall collection weekly.

For more details, see [Integrating Unpaywall for Discovery](#)

September 6, 2023

- **SF: 06579412, 06590326, 06608446, 06805952**
Some "Reference" type records from Gale were incorrectly merged with similar titles, causing linking and availability issues. This has been fixed by adding additional criteria (start and end page) to the matching logic.
- **SF: 06673290**
"Yellow Pad" was added to the CDI overmatch titles list to prevent Business World Online "Yellow Pad Archives" from merging incorrectly.
- **SF: 06402107, 06703417**
addata/jtitle is now returned in the PNX for resource type "Newsletter" and returned as **&rft.jtitle** in the link resolver.
- **SF: 06655481**
The CDI collection facet truncated the collection name to 50 characters. Requests for collections with longer names failed to return results. This has been fixed.
- **SF: 06353537, 06820210**
Page Count is now returned in the PNX display/tpages for all CDI fields mapped to the following Primo monograph types:
 - Book
 - Report
 - Archival Material/Manuscript
 - Text resource
 - Dissertation
 - Score
 - Other

August 2, 2023

- Improved Hebrew searches in CDI by integrating Melingo, which is an external search plug-in that specializes in Hebrew searches.
- **(Added August 23, 2023)** The following resource types are now supported in CDI records:
 - **Questionnaire** – A set of printed or written questions with a choice of answers, devised for the purposes of a survey or statistical study. It will be used for records from the Henrietta Szold collection.
 - **Magazine** – A popular interest periodical that usually contains articles on a variety of topics, which are written by various authors in a non-scholarly style.
 - **Magazine article** – A self-contained nonfiction prose composition on a fairly narrow topic or subject, which are written by one or more authors and published under a separate title in a magazine.

Note

- Prior to this release, magazines were returned by CDI as journals, and magazine articles were returned by CDI as articles. The new more granular resource types will be used instead from the August 2023 release and onwards.
 - The resource type **Questionnaire** will be available by the end of August when the collections Henrietta Szold collection and Brookdale Institute - Research Tools collection have been updated in the CDI index.
 - Codes to fully support the new resource types **Magazine** and **Magazine Article** will be added in the Primo/VE August Production releases.
-

July 12, 2023

- **SF: 06770945**

When used in searches, citations copied from numbered reference lists returned no results if numbered entries started with one or more digits (such as **18. Kumar RD. Leadership in healthcare. Anaesthesia and intensive care medicine. 2013;14(1):39-41**). This has been fixed.

- **SF: 06353537 (Updated July 18, 2023)**

For display in the full record, CDI now includes the page count when the content type is the following:

- Book
 - Report
 - Archival Material/Manuscript
 - Text resource
 - Dissertation
 - Score
-

Note

Page counts may not be available immediately and will added to all records in upcoming CDI releases.

June 14, 2023

- **SF: 05310136**

In some cases, the "From" date in Primo VE's publication date facet failed to include the earliest publication dates in the search results. This has been fixed.

May 3, 2023

- **SF: 05317773, 05434138, 06346738, 06498378, 06578315**

When a record from a collection on the cdi-special-template-dbids list was merged with one or more records that were not on the cdi-special-template-dbids list, linking issues occurred. To resolve this issue, CDI now:

1. Prefers the source associated with the collection on cdi-special-template-dbids.
2. Returns the control/sourceid from special template DBID provider and from the same participant.
3. Returns the sys_external_docid as the control/sourcerecordid
4. Returns the sys_external_product_id as the control/addsrcrecordid.

This update takes precedence over the client provider preference.

- **SF: 06537957**

Backlinks for CDI records appeared in the Links section. This has been fixed by adding the **\$\$Hfree_for_read** parameter to all backlinks in CDI Open Access records to prevent Primo from applying a proxy prefix.

- **SF: 006476151, 06519583, 06601029**

Publication date for newspaper article records in Newspaper Search showed only the year and did not include the

month and day. The PNX has been updated to return the Display/create date for newspaper articles in the YYYY-MM-DD date format.

- **SF: 06344202**
Book reviews appeared before the physical books in the search results. This has been fixed by boosting the ranking of the target book/eBook records.
- **SF: 06649243**
Added the word "**Douglas**" to CDI's stemming exception lists so that the query **Dougla** would not match "**Dougla**".
- CDI records were not highlighted when searching by title and "equals exact phrase" operator. This has been fixed.

April 5, 2023

- **SF: 05331213**
In some cases, Norwegian words were stemmed incorrectly and expected results were not returned. This has been fixed.
- **SF: 06022719, 06675147**
The record's thumbnail displayed the template instead of the desired thumbnail. This has been fixed.

March 1, 2023

- Sometimes metadata for an article from different sources had different dates. This leads to confusion when all dates are searchable but only one is displayed. Because this issue is usually caused by individual participants in a merged record, we have changed how the merged date is determined and used for article type records. We will now prefer the date provided by a majority of data sources and use this single date for facets, display, and rights calculation. In cases where a single date does not hold the majority, we will use the latest date.
- Some sources, specifically catalogs, sometimes provide incorrect language values for monographs. We have identified the majority of those sources and now exclude their language values from CDI so that they will not be used for facets and display. Further improvements are planned for the future.
- **SF: 05323780, 06434636, 06402657 (Updated June 15, 2023)**
Many users search for known items by copying and pasting entire citations from a webpage or a list into a Primo search box. While our search engines already support a majority of these searches, we still had cases where extra information in these searches confused the search engine and prevented items from being found. We now use an Open Source AI tool called Groid to parse the search query so that our search engine can find and return the cited items in search results. Our test results show that this has solved all reported cases where these searches previously failed.

February 1, 2023

- **SF: 05305916**
Removed the **black panther > leopard** mapping in CDI's controlled vocabulary - search query expansion list.
- **SF: 05309434, 06319292, 06320336**
The Topic Overview pane for Wikipedia records did not display the Source. This has been fixed.
- **SF: 06544417, 05323856**
The Topic Overview pane proxied open access records when the **Do not proxy open access records** setting was enabled. This has been fixed by adding an open access indicator to Topic Overview records to ensure that proxies can be disabled for open access records when this setting is enabled.