

# ExLibris MetaLib

## Minor Release No:

4.5.1 (765-779)

Note: Internal fixes have been omitted from the list.

## Highlights:

1. Improved validations in check\_full\_text\_availability program.  
(Defect #761)
2. Improved indexing process (Defect #765)
3. Updated X-server to check user group value according to IP definitions  
used for requests from Primo (Defect #777)

## General Documentation for Service Packs:

Located in the 4.x folder in the Ex Libris Documentation Center



## 4.5.1 Defect Fixes

| Change Number | Description  | Related Documentation | Implementation Notes  | Module   | SI Number    |
|---------------|--|-----------------------|---|----------|--------------|
| 767           | Indexing process improvements.   |                       | In order to resolve indexing related issues, re-index dat01 to re-create corrupted indexes.   | /V       | 16384-286674 |
| 769           | Added shortcut to get to Upgrade Express Kit for oracle 11 directory.  |                       | In order to get to Upgrade Express Kit for the Oracle 11 directory, enter upx11.<br><br>Note: Works if the tcsh command was run at the beginning of the Unix session. | Misc     |              |
| 770           | Creation of new IRD Mechanism was improved to display correct IRD data after saving the new IRD.                         |                       |   | /M       | 16384-294591 |
| 771           | The SMTP host variable length limit was increased to 50 characters.  |                       |   | /V       | 16384-291702 |
| 772           | Search exception errors are now translated according to the www_heading.lng file under vir00/tab.                        |                       |   | /V       | 16384-285014 |
| 773           | The validations in the check_full_text_availability program were improved.   |                       |   | /V       | 16384-306500 |
| 774           | The X-server find function was updated to use more filter attributes.  |                       |   | X-Server | 0            |
| 775           | Allowed the running of p_index_database_91 from any location on the server.  |                       |   | Misc     |              |
| 777           | The X-server was updated to check user group value according to IP definitions used for requests sent from Primo.        |                       |   | X-Server |              |
| 778           | Redirection to source page or external link was fixed to allow correct resolving of URLs that contain unique characters. |                       |   | /V       | 16384-310718 |
| 779           | The check_full_text_availability functionality was changed in order to improve the data buffering process.               |                       |   | /V       |              |

# Previous Defect Fixes 549 - 764

| Change Number | Description  | Related Documentation | Implementation Notes   | Module            | SI Number             |
|---------------|--|-----------------------|--|-------------------|-----------------------|
| 549           | 1) An improvement was made to the cluster and facets memory usage.<br><br>2) Resources that were using the <b>fetch more</b> option had problems with corrupted clusters and facets. This was fixed.   |                       |  | General<br><br>/V | NA<br><br>16384-87820 |
| 550           | In the /M interface and some places in the /V interface, the HTML syntax was changed to support title attributes in a more useful way.   |                       |  | /M<br>(mainly)    |                       |
| 551           | Previously, the <b>Alternative link to native interface</b> field in the IRD was limited to 200 characters.<br><br>The length has been increased to 500 characters.  |                       |  | /M                | 16384-37755           |
| 552           | MetaIndex users that were searching for Japanese phrases would sometimes receive no results when there were relevant matches in the system. This was fixed.  |                       | Copy ./alephm/sql_tab/z91_ctx_preferences_jpn.sql to ./alephm/sql_tab/z91_ctx_preferences.sql and then re-index MetaIndex library. | /V                | 16384-50110           |
| 553           | If you are performing a MetaSearch and the number of databases in the subcategory exceeds the value in the www_v_ird_selected_limit parameter, the databases to search automatically will not be pre-selected even if the number of searchable databases (that is the databases that are not locked) do not exceed the limit.<br><br>The system has been fixed to count only the searchable databases. |                       |  | /V                | 8192-62588            |
| 554           | The IP ranges fields would not allow an IP address that used periods to separate the parts of the IP address.<br><br>The fields were fixed to allow periods to be entered as separators.   |                       |  | /M                |                       |
| 555           | In some deep links, restricted resources could be searched without having the proper authentication. This was fixed.   |                       |  | /M                | 16384-75657           |
| 556           | If a /V user is created with an ID of <b>GUEST</b> , it cannot be managed via the /M interface.<br><br>MetaLib no longer allows you to create a /V user with an ID of <b>GUEST</b> .   |                       |  | /V                | 8192-20716            |
| 557           | In some cases, Search&Link links to results in native interface were truncated. This was fixed.  |                       |  | /V                | 16384-64440           |
| 558           | The length of the <b>Hostname:Port</b> field was limited to 200 characters in the <b>Change Hostname:Port</b> global update option.<br><br>The length has been increased to 2000 characters.   |                       |  | /M                | 16384-17124           |
| 559           | The <b>g</b> parameter that is used in RegExp replaced only the first occurrence of the search string.<br><br>This was fixed to replace all of the occurrences of the search string.   |                       |  | /M                | 16384-52373           |

## Previous Defect Fixes 549 - 764

| Change Number | Description   | Related Documentation | Implementation Notes | Module  | SI Number    |
|---------------|---|-----------------------|----------------------|---------|--------------|
| 560           | For mldadmin users, the <b>Filter by Institution</b> drop-down list on the Find Resource page in the /M interface incorrectly displayed <b>My Group</b> as the chosen item in the list.<br><br>The chosen item has been changed to display the first institution, sorted alphabetically in ascending order. |                       |                      | /M      |              |
| 561           | The XML that MetaLib sends to SFX now includes the IP address, which SFX uses to recognize the customer.  |                       |                      | General |              |
| 562           | When more than one URL is included within descriptive IRD fields, all URLs link to the first URL when they are clicked. This was fixed.   |                       |                      | /M      | 16384-105223 |
| 563           | In some cases, too many alert notifications were being sent. This was fixed.  |                       |                      | /M      | 16384-105367 |
| 564           | Only the first page of the Help menu was printed when trying to print it. This was fixed.   |                       |                      | General | 8192-68853   |
| 565           | With multilingual environments, the Look and Feel Wizard created a problem in the /V interface. This was fixed.   |                       |                      | /M      | 152322       |
| 567           | In SunOS 5.9, the number of QuickSets on the List of QuickSets page displayed incorrectly. This was fixed.  |                       |                      | /M      |              |
| 568           | The system experienced problems if there were a large number QuickSets defined. This was fixed.   |                       |                      | /M      | 16384-95151  |
| 569           | EZPROXY-SSO didn't work properly. This was fixed.   |                       |                      | General | 8192-86700   |
| 571           | Language definitions from remote login systems are overriding user preferences that are defined in MetaLib. This was fixed.   |                       |                      | General | 8192-18591   |
| 572           | In some cases, "expand" option in Global Updates didn't function. This was fixed.   |                       |                      | /M      | 12200        |
| 574           | The Add Language page under the Portal Administration tab did not refresh after the creation of a new language. This was fixed.   |                       |                      | /M      |              |
| 575           | In some resources, it wasn't possible to sort results by year / title in a merged set. This was fixed.  |                       |                      | /V      | 33275        |
| 579           | When performed a query with x service which contained the field "requester_ip" from different IPs within a single range defined in IP ranges, the results were sometimes corrupted. This was fixed.   |                       |                      | /X      | 24884        |
| 580           | There were a problem saving marked records to Internet Explorer 7 and 8 in a specific situation. This was fixed.  |                       |                      | /V      | 24298        |
| 581           | In "Find DataBase" module, the phrase "lat A-Z" appeared when a search was performed. This was stopped.   |                       |                      | /V      | 25981        |
| 582           | In some cases, the find X-Service query returned truncated results when there were a large number of resources. This was fixed.   |                       |                      | /X      |              |
| 586           | In some cases, Internet Explorer was not displaying diacritics properly in SFX messages. This was fixed.  |                       |                      | /V      | 16384-67056  |
| 587           | When using the WORD-FIX table, the system had trouble normalizing characters to Latin letters. This was fixed.  |                       |                      | General | 6425         |

# Previous Defect Fixes 549 - 764

| Change Number | Description   | Related Documentation                                 | Implementation Notes | Module  | SI Number    |
|---------------|---|---|----------------------|---------|--------------|
| 588           | <p>Previously, if you used the "switch" function (parameter Ps) while configuring a RegExp within the Conversion tab and attempted to include different pieces of data in one subfield, multiple identical subfields would be created. This caused problems -- for example, the breaking of newly created links.</p> <p>This problem has now been fixed, and the result of the RegExp operation now appears within one, unified subfield.</p>   |   |                      | General | 23606        |
| 594           | Util O-2-3, "Show Running Oracle Listener," did not run in some environments. This was fixed.   |   |                      | Server  | 8192-73669   |
| 595           | In MetaLib version 4, the IRD pop-up box did not show the resource name when called from the My Databases or Find Database modules. This was fixed.   |   |                      | /V      | 12481        |
| 598           | The display name in the MetaIndex was limited and has now been enlarged to 50 characters.   |   |                      | /M      | 28682        |
| 600           | <p>QuickSets that were assigned to /V users could not be managed via the /M interface. To manage QuickSets on the /M interface for /V users, Primo customers had to create default profiles and then re-define the QuickSets.</p> <p>Util K-6 was added to convert /V users to default profiles while retaining their QuickSets. After the conversion, these users will now be able to manage their QuickSets via the /V and /M interfaces.</p>   | MetaLib System Configuration and Administration Guide |                      | General | 16384-111590 |
| 601           | Fields with multiple occurrences incorrectly displayed the occurrences on the same line in the Full view. This was fixed.   |   |                      | /V      | 28501        |
| 602           | Searches performed in the Safari Books Online resource caused system errors. This was fixed.  |   |                      | General |              |
| 603           | It is now possible to edit e-mail template forms and add non UTF-8 characters. These characters will be converted to UTF-8 by the system. Previously, such characters were displayed incorrectly in e-mails.  |   |                      | /V      | 16384-31409  |
| 604           | <p>Occasionally, searches for resources (Find Resource) in the Management interface that found a very large number of records would result in a timeout. To resolve this problem, the following variable has been added to www_server.conf:</p> <pre>setenv ird_minimal_view 9999</pre> <p>The default setting is 9999, which indicates that there is no limit.</p> <p>If you experience a timeout, you can change this value. If the result from a find-resource query exceeds this number, a minimal results page displays instead of the regular results page. The minimal results page allows the operator to run global_updates and view a specific IRD configuration. The difference is that there is less information displayed on the screen, such as the icons to display specific tabs in the resource are not available.</p> |   |                      | /M      | 16384-38929  |

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| Change Number | Description   | Related Documentation | Implementation Notes | Module  | SI Number                    |
|---------------|---|-----------------------|----------------------|---------|------------------------------|
| 605           | If Search and Link type resources are included in a set, the MetaLib API will no longer attempt to merge results (which is only a link to the results) with results from other resources to prevent an error.   |                       |                      | API     | 8192-84871                   |
| 607           | There was an error in the way the retrieve_quick_sets X-service API worked in terms of locked sets. The API now works as follows:<br><br>Locked set - Defines whether the number of restricted resources is above or below threshold.<br><br>Locked set = N indicates that the set is not locked because the threshold of restricted resources was not exceeded<br>Locked set = Y indicates the set is locked because the threshold was exceeded<br><br>Previously, the system returned N when the set should be locked and Y when it should not be locked. |                       |                      | API     | 8192-103955                  |
| 608           | UTIL A (Manage Oracle tables) attempted to work on all MetaLib tables and indexes even if they did not exist in the active library, resulting in error messages. This has been fixed so that only relevant tables are used by the utility.  |                       |                      | General | 8192-89217                   |
| 609           | The MetaLib Administration user (mladmin) was not able to filter by institution after performing a Browse List of Resources search. This has been fixed.  |                       |                      | /M      |                              |
| 610           | Deduped results can include more than one link to the Native Interface. In some cases, the system did not display the same number of links from the Brief and Table views. This has been fixed so that the system displays all links in both views.   |                       |                      | /V      | 8192-80273                   |
| 611           | Changing the order of a large number of categories and or sub-categories resulted in an error. This has been fixed.   |                       |                      | /M      | 16384-109482,<br>16384-84051 |
| 612           | When the MetaLib Administrator (mladmin) password is changed in the Staff Administration in /M, the system also updates the PDS password. However, when the mladmin password is reset using UTIL T-4 the PDS password is not updated. This has been fixed so that the mladmin and PDS passwords are reset when using UTIL T-4.  |                       |                      | /M      | 16384-114585                 |
| 613           | If a user selects a record for inclusion in the basket, the system will now check to see if the record already exists by comparing the metadata of the records. If the metadata matches, the record will no longer be duplicated in the basket.   |                       |                      | /V      | 8192-68902                   |
| 614           | In very long records, the SFX icon incorrectly displays when the Suppress SFX button is set to Yes. This has been fixed.  |                       |                      | /V      | 16384-89962                  |
| 615           | Internal  |                       |                      |         |                              |
| 616           | The peer-reviewed indicator does not display when MetaLib checked for the peer-review indicator against an SFX instance with RSI full-text service configured. This has been fixed.   |                       |                      | /V      | 16384-136103                 |

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| Change Number | Description  | Related Documentation | Implementation Notes  | Module  | SI Number    |
|---------------|--|-----------------------|---|---------|--------------|
| 618           | Added the sfx_conf parameter to indicate whether your SFX configuration is RSI or JSI.   |                       | According to your SFX configuration, set the sfx_conf parameter to <b>RSI</b> or <b>JSI</b> in the following file:<br>\$metalib_conf/www_server.conf<br><br>The default value is <b>JSI</b> . | V       |              |
| 619           | When searching for a phrase that contains an exclamation mark, the system will no longer ignore it, including the exclamation mark for resources that support this type of search.                               |                       |   | V       | 16384-62998  |
| 620           | The system will no longer return to simple mode after logging in from the advanced mode page in the Quick Search module.   |                       |   | V       | 16384-27762  |
| 621           | There was a problem refining a previous search in some cases. This has been fixed.   |                       |   | V       | 8192-31605   |
| 622           | Corrected the X-Server links to EI Commons.  |                       |   | X       | -            |
| 623           | The Link Provided field on the Deep Linking Generator page in the /M sometimes could not contain all characters of the URL. This has been fixed.   |                       |   | M       | 16384-136356 |
| 624           | There was a problem sending mails from the KB report when a local definition was defined in a different way from the default. This has been fixed.   |                       |   | -       | 16384-135798 |
| 625           | There was a problem translating one message of the system under the e-Shelf. This has been fixed.  |                       |   | V       | 16384-122946 |
| 626           | The font size at the top of the page grew smaller when reading list option was chosen under save in the e-Shelf. This has been fixed.  |                       |   | V       | 16384-120579 |
| 627           | There was a problem saving records with reading list in some cases. This has been fixed.   |                       |   | V       | 16384-118200 |
| 629           | Deep Linking to Find DB, QuickSearch to advanced mode was sometimes run over by simple mode. This has been fixed.  |                       |   | V       | 16384-83221  |
| 633           | There was a problem saving records to EndNote web under some circumstances. This has been fixed.   |                       |   | V       | 16384-118167 |
| 634           | In some cases, the PDS definition in the system (PDS_HOST_IN) was not defined to contain enough characters. This definition was increased.   |                       |   |         | 16384-137802 |
| 638           | tab03.n (possibility to add custom-tailored stop-words tables) functionality is available again. There was a problem in this table's structure that prevented it from being used correctly. This has been fixed. |                       | If you have previously created tab03.n tables, make sure their structure is identical to that of the tab03 table in the vir00/tab directory.  |         | 16384-76712  |
| 639           | When logging in to /M for some roles, there was an incompatibility of the values loaded for the user group list for the relevant institution. This has been fixed.   |                       |   | M       | 16384-128323 |
| 640           | Categories were duplicated in the KB report when resources were assigned to more than one category. This has been fixed.   |                       |   |         | 16384-117580 |
| 642           | When deleting a Portal, there was a problem deleting or re-assigning the self-registered users to another portal. This was fixed.  |                       |   | General | 16384-151273 |
| 643           | "Export Resources" Module was generating a wrong error message when a mandatory field was left empty. This was fixed.  |                       |   | /M      | 16384-70960  |

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| Change Number | Description   | Related Documentation | Implementation Notes   | Module  | SI Number    |
|---------------|---|-----------------------|--|---------|--------------|
| 644           | There was a problem with /M user names after clicking the Save & Exit button for some scenarios. This problem was fixed.  |                       |  | /M      | 16384-63988  |
| 645           | The old export/import script needed an update to work with MetaLib V4.3 and and later releases.   |                       |  | General | 16384-111375 |
| 646           | The KnowledgeBase Report, which is saved in Excel format, was corrupted for non-Latin characters. This was fixed.   |                       |  | General | 16384-131965 |
| 647           | The browse list of resources and find resources processes sometimes returned a different results lists, as a result of a different tourniquet. This was fixed to be consistent.   |                       |  | /M      | 16384-57835  |
| 648           | UTIL X-2 - Cleaning Scratch Directories was improved to clean all old data, not just 7-day-old subdirectories.  |                       |  | General | 8192-47205   |
| 649           | When exporting records with a long abstract using the RIS format, there was length limitation problem. This was fixed.  |                       |  | /V      | 16384-139192 |
| 650           | On the MetaSearch page, sometimes there was a mismatch between the categories and the subcategories after logging in and then changing the portal. This was fixed to display the correct categories and subcategories for the current portal.   |                       |  | /V      | 16384-92926  |
| 651           | When a results page contained more than 10 duplicated items, there was a problem displaying the retrieved results. This was fixed.  |                       |  | /V      | 16384-145629 |
| 652           | For new MetaLib Installations, setenv sfx_conf parameter will be set to RSI.  |                       |  | General |              |
| 653           | There was a problem translating the "Reading List" Headline using the www_const file. This was fixed.   |                       | The following term was added to the www_const table, giving the option to translate them to languages other than English:<br><b>- Reading List</b>   | General | 8192-101107  |
| 654           | Clicking the Push to My e-Journals button on the Find e-Journals page, sometimes displayed the incorrect institution on the login page.<br>A new HTML page has been added to notify the user of the redirection to SFX. Note that the user will not see the redirection page if Javascript is enabled in the browser. |                       | The following terms were added to the www_const table, giving an option to translate them to languages other than English:<br><b>- MetaLib access to SFX</b><br><b>- Redirect MetaLib to</b> | /V      | 16384-10901  |
| 656           | After installing the 4.3.3 SP, there was a problem in the UI when performing advanced searches in some cases. This was fixed.   |                       |  | /V      | 16384-167021 |
| 657           | A low-level security risk was prevented. There was an option to use a code injection in a specific link in the Management Interface (/M). This was fixed.   |                       |  | General | 16384-166604 |
| 658           | There were sometimes connectivity problems while running Monitoring Tool checks #4 and #5 under Util S-4. This was fixed.   |                       |  | General | 16384-160093 |
| 660           | Sometimes errors occurred while performing searches in which search terms included parentheses. This was fixed.   |                       |  | /V      | 16384-1320   |
| 662           | The CKB Update successful e-mail has been modified to be more detailed.   |                       |  | General | 16384-78764  |
| 663           | A software error that prevented some of the release notes entries to be loaded was fixed.   |                       |  |         |              |

## Previous Defect Fixes 549 - 764

| Change Number | Description   | Related Documentation   | Implementation Notes | Module      | SI Number    |
|---------------|---|---|----------------------|-------------|--------------|
| 665           | The PDS version has been updated to PDS 2.0   | Please refer to the <i>Patron Directory Services Upgrade Guide</i> under the Cross-Product Information section in the Ex Libris Documentation Center. |                      | General     |              |
| 666           | New Ajax transmissions were added in the background to improve MetaLib's search performance in Primo Central.   |   |                      | General     |              |
| 667           | A new registration system has been added to support registration and maintenance of MetaLib users in Primo Central.   | Please refer to the <i>Primo Central Configuration Guide</i> in the Ex Libris Documentation Center.   |                      | Enhancement |              |
| 668           | Some resource titles were truncated in the Metalib Search Statistics report. They now display correctly.  |   |                      | Statistics  | 16384-197148 |
| 669           | There was no space between titles and subtitles when saving to a citation linker. This has been fixed.  |   |                      | /V          | 16384-206507 |
| 670           | In some cases, there was a problem reordering categories in the Categories Master section. This has been fixed.   |   |                      | /M          | 16384-158185 |
| 671           | The Resource Categories drop-down list in the KnowledgeBase Report was empty. This has been fixed by setting the default institution to be the first one in the drop-down list.                           |   |                      | /M          | -            |
| 672           | Field 85642 has been customized to hold information in subfield u.  |   |                      | /V          | 16384-138849 |
| 673           | No results appeared when using the Ajax search. The correct number of results is now displayed.   |   |                      | /V          | 16384-216933 |
| 674           | During an Ajax search, the View Retrieved link disappeared. This has been fixed.  |   |                      | /V          | -            |
| 675           | When the M_JUMP_TO_RESULTS parameter was set to N during an Ajax search in the MetaSearch module, the summary screen was broken. This has been fixed.   |   |                      | /V          | 16384-224563 |
| 676           | When there was an attempt to retrieve resources from MetaLib in Primo's Find Database module (using X-server), if there were too many categories, the system occasionally timed out. This has been fixed. |   |                      | X-Server    | 16384-212559 |
| 677           | Internal  |   |                      | Maintenance |              |

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| Change Number | Description   | Related Documentation  | Implementation Notes   | Module      | SI Number    |
|---------------|---|--|--|-------------|--------------|
| 678           | SFX version 4 no longer fails to use the FullText service.  |  |  | /V          |              |
| 679           | The Ajax search occasionally displayed "88888." It now displays the correct message: "Hits were found."   |  |  | /V          |              |
| 680           | The Ajax search occasionally displayed more retrieved documents than found documents. This number is now even.                                    |  |  | /V          |              |
| 681           | There was a problem with the ISSN/ISBN in the dedup function. MetaLib is now set to ignore everything but digits and x.                           |  |  | /V          | 16384-120318 |
| 682           | The PDS version has been updated to PDS 2.0.1. The PDS version is now displayed correctly when using the 'ver' command.                           | Refer to the <i>Patron Directory Services Upgrade Guide</i> under the Cross-Product Information section of the Ex Libris Documentation Center for information on upgrading your PDS. |  | PDS         |              |
| 683           | There were two Shibboleth issues with PDS 2.0. These have both been fixed.  |  |  | PDS         |              |
| 684           | Internal  |  |  | Maintenance |              |
| 685           | Search & link targets in the Ajax search did not display a Jump link to the retrieved results in the search page. This has been fixed.            |  |  | /V          |              |
| 686           | Support of 13-digit ISBNs has been added to the ISSN or ISBN program.   |  |  | /M          | 16384-243117 |
| 687           | Fixed the error that occurred when adding a Database for a new user.  |  |  | /V          | 16384-186471 |
| 688           | The error message that displays when trying to link to a CKB configuration using "Switch to a Different Configuration" was made more informative. | MetaLib Resource Management Guide  |  | /M          | 16384-222724 |
| 689           | Resources that contain the Latin letter 'z with a caron' in lower case can now be searched via /M and /V.   |  |  | /M          | 16384-231024 |
| 690           | Allowing the "Update or Activate Resources" application to export multiple keywords.  |  | After installing the SP, apply perform the following action:<br>If the <b>keywords</b> parameter is assigned to the <b>Selected Fields for Export</b> section, return it to the <b>Additional IRD Fields</b> section and then assign it back to the <b>Selected Fields for Export</b> section. | /M          | 16384-224220 |

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| Change Number | Description  | Related Documentation                                    | Implementation Notes   | Module            | SI Number    |
|---------------|--|--|--|-------------------|--------------|
| 691           | Added the ability to return the UID to all duplicated records when using the X-server.   |  |  | X-Server          | 16384-221834 |
| 692           | Extended the YEAR parameter in the OpenURL to 8 positions.   |  |  | /V                |              |
| 693           | The user's QuickSets and e-journals will be removed after the deletion of the user.  |  |  | /M                | 16384-91298  |
| 694           | The CKB Update procedure was enhanced to make sure that all files in vir_ext and external_conf that may be overwritten are owned by MetaLib. A warning will be sent in the CKB Update email. |  |  | KB Tool           |              |
| 695           | Enhanced the interoperability with Primo by adding a compressed XML option to Primo X-server calls.  | System Configuration and Administration Guide' (page 45) | Set parameter 'setenv compress_data' to Y in the 'www_server.conf' file. If this parameter is set to Y, Primo must be configured to support compressed responses by updating the base URL used for MetaLib. Note tha you must be running Primo v3.1.1 or later.                                  | X-Server          |              |
| 695           | Enhanced the interoperability with Primo by adding a compressed XML option to Primo X-server calls.  | System Configuration and Administration Guide' (page 45) | To implement this option, you must add the following parameter to the 'www_server.conf' file:<br><br>setenv compress_data Y<br><br>If this parameter is set to Y, you must configure the Primo Back Office to support compressed responses. Note that you must be running Primo v3.1.2 or later. | X-Server          |              |
| 697           | The functions "View resources added/changed in CKB update" is now available also for group users.  |  |  | /M                | 16384-189068 |
| 698           | If the '&para' string is included in IRD fields, it will stay the same.  |  |  | /M                |              |
| 699           | Added an option to select an FTP server from util_sp, which defaults to the US FTP server.   |  | The next time you run a SP, the system may ask you to enter your region.   | Master Production |              |
| 700           | A perpetual Vivisimo license has been added.   |  |  | /V                |              |
| 702           | Enabled the option to create longer deep links (up to 30 parameters) that contain force_login=y.   |  |  | /V                | 16384-141357 |
| 703           | Performance of the Manage QuickSets function under /M was improved.  |  |  | /M                | 16384-250537 |
| 704           | Peer reviewed indication for the record mechanism was updated.   |  |  | /V                | 16384-164314 |

## Previous Defect Fixes 549 - 764

| Change Number | Description   | Related Documentation | Implementation Notes   | Module   | SI Number    |
|---------------|---|-----------------------|--|----------|--------------|
| 705           | An option to edit the sender email address for the CKB update email was added.  |                       | Add the following line to the <code>www_server.conf</code> file under <code>\$metalib_conf</code> :<br><br><pre>setenv ckbupdfmail "wanted_sender@domain.com"</pre> Then apply <code>start_w</code> from the command line. | /M       | 16384-231491 |
| 706           | Fixed the display of the <b>HTML hit pattern</b> and <b>ZERO hit pattern</b> fields when they contain the " sign.   |                       |  | /M       | 16384-141357 |
| 707           | Updated the option to save the string <code>&amp;USER</code> in IRDs.   |                       |  | /M       | 16384-220822 |
| 708           | The helptext window on /V now resizes to a full screen when it is resized.  |                       |  | /V       | 16384-245906 |
| 709           | The clustering program was updated to better handle clusters with large numbers of records.   |                       |  | /V       | 16384-199444 |
| 710           | Ajax query was updated to be sent to the /X instance of the calling domain.   |                       |  | /V       | 16384-244131 |
| 711           | A deleted IRD will now be deleted from all quick sets that belong to default profiles of the IRD's institution.   |                       |  | /M       | 16384-251711 |
| 712           | The name of the specific database from which each record is taken is now also presented in the MetaSearch and FindDB search results table view for the Primo Central resource.              |                       |  | /V       | 16384-247264 |
| 713           | The MetaLib program that returns the resource details for Primo's Find Database by Category function was updated to not return resources that were moved to the Inactive status in MetaLib. |                       |  | X-Server | 16384-246710 |
| 714           | When replicating an IRD with the value <b>Free</b> in the Free/Subscription field, some fields were created twice. This problem has been fixed.   |                       |  | /M       | 8192-69459   |

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| Change Number | Description  | Related Documentation | Implementation Notes  | Module      | SI Number    |
|---------------|--|-----------------------|---|-------------|--------------|
| 715           | The horizontal scrollbar no longer appears in the IE MetaSearch  |                       | For all instances and languages, in the ./insNN/www_v_<lng>metalib.css file, change the line from:<br><br>#record_list_metasearch {width:100%;height:259px;overflow:auto;overflow-y:scroll}<br><br>to:<br><br>#record_list_metasearch {width:100%;height:259px;overflow:auto;overflow-y:scroll;overflow-x:hidden} | /V          | 8192-83739   |
| 716           | Internal   |                       |   | X-Server    | 16384-12345  |
| 717           | Ten days before the X-Server license expires, a warning message will be added to the end of the XML reply: "License will expire in less than 10 days".                   |                       |   | X-Server    | 16384-12345  |
| 718           | Buffer initialization failed in some cases when saving exported records.   |                       |   | /V          | 8192-68877   |
| 719           | Updated MetaLib alert functionality to prevent cases in which alerts were incorrectly set to run on the first day of the month.  |                       |   | /V          | 8192-88556   |
| 720           | Internal   |                       |   | X-Server    | 16384-12345  |
| 721           | The proxy prefix is now added to all links defined in the IRD.   |                       |   | /M          | 16384-16036  |
| 722           | After deleting all previous searches in MetaSearch and going to the MetaSearch Results tab, an informative message is now displayed ("You have not performed a search"). |                       |   | /V          | 16384-16501  |
| 723           | The maximum size of the label in www_tab_basket_short.lng was updated to allow up to 20 characters.  |                       |   | /V          | 16384-45648  |
| 724           | When using OpenURL 0.1, the <b>Year</b> field is now transferred to SFX.   |                       |   | /V          | 16384-268349 |
| 725           | Conversion tables unicode_to_8859_2 and 8859_2_to_unicode under tab_unicode were updated   |                       |   | /V          | 16384-46870  |
| 726           | The Z39 search was updated not to limit search terms to 20 characters in a keywords search.  |                       |   | /V          | 16384-28941  |
| 727           | Added the value MetaLib&#174; to www_cont.lng  |                       |   | /V          | 16384-34737  |
| 728           | The e-mail subject is now 64_base encoded when using the UTF-8 charset option.   |                       |   | /V          | 16384-257374 |
| 729           | When adding the field <b>Link to Database Guide</b> to the edit_doc_info.lng file, the link from /V on the find-db-4 page led to a blank page. This has been fixed.      |                       |   | /V          | 16384-238135 |
| 730           | Internal   |                       |   | Maintenance | 12345-6789   |

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| Change Number | Description   | Related Documentation | Implementation Notes   | Module      | SI Number    |
|---------------|---|-----------------------|--|-------------|--------------|
| 731           | PDS 2.1 is supported.   |                       | For customers who use Shibboleth only:<br>The following line should be added to the <code>httpd.conf</code> file (in the <code>apache/conf</code> directory):<br><code>setenv PERL5LIB &lt;PDS_PROGRAM_DIR&gt;</code><br>For example:<br><code>setenv PERL5LIB /exlibris/metalib/m4_1/pds/program</code> | PDS         |              |
| 732           | Updated the /X server to parse URLs correctly for Search&Link resources that contain the & sign right after the ? in the base URL.                  |                       |  | X-Server    | 16384-169784 |
| 733           | Updated the way the X server handles a jump URL of Search&Link resources that contain a constant parameter instead of attribute=value.              |                       |  | X-Server    | 16384-33819  |
| 734           | Improved the ALEPH-X configuration usage of the Subset parameter.   |                       |  | /V          | 16384-244079 |
| 735           | Improved the MERGE_SUB mechanism in the /M conversion tab.  |                       |  | /M          | 16384-134090 |
| 736           | Conversion tab in /M was updated to allow the creation of true control fields.  |                       |  | /M          | 16384-169344 |
| 737           | Updated the Full Text/Peer Review indicators to appear also in table view for resources that use present single module.                             |                       |  | /V          | 16384-247403 |
| 738           | Self-registration mechanism was improved to use different email forms for updated and new users.  |                       |  | /V          | 16384-73889  |
| 739           | Updated the lateral linking mechanism for the Primo Central resource.   |                       |  | /V          | 16384-255953 |
| 740           | The statistics report 'Resource Categories/Resource Locator Usage' was updated to display results better.   |                       |  | /M          | 16384-260134 |
| 741           | QuickSet's display name was updated to support longer values (up to 50 characters), and the truncation bug was fixed.                               |                       |  | /V          | 16384-82011  |
| 742           | Corrected the HTML for file navigation-guest.   |                       |  | /V          | 16384-82490  |
| 743           | The /M program "Update / Activate Resources" was updated to ignore quotation marks surrounding the IRD fields in the tab-delimited file it imports. |                       |  | /M          | 152834       |
| 744           | Self-registration mailing was updated to allow the selection of character encoding.   |                       |  | /V          | 16384-135342 |
| 745           | Fixed unexpected behavior of navigation in the record's full view.  |                       |  | /V          | 8192-29766   |
| 746           | Fixed unexpected behavior when returning from full view to table or brief view in case the number of results per page was set to more than 10.      |                       |  | /V          |              |
| 747           | The staff user's display name length was updated to support up to 20 characters.  |                       |  | /M          | 16384-152235 |
| 748           | The resources brief view under find-DB was updated to display URLs defined in the IRD's description field correctly.                                |                       |  | /V          | 16384-286118 |
| 749           | URLs defined in IRD's description field were updated to be proxied if needed.   |                       |  | /V          |              |
| 750           | The MetaLib monitoring tool was updated to support checking the PDS when it is implemented using an SSL protocol.                                   |                       |  | Maintenance | 16384-270317 |
| 751           | Validations were added to meta-1-check function.  |                       |  | /V          | 16384-279776 |
| 753           | Added an option to add comments to the IP Ranges tab on /M.   |                       |  | /M          | 16384-199275 |

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| Change Number | Description  | Related Documentation                                    | Implementation Notes   | Module    | SI Number    |
|---------------|--|--|--|-----------|--------------|
| 754           | Updated the permissions for Oracle11.  |  |  | MetaIndex |              |
| 755           | Added the Welsh language to language-code-include file.  |  |  | /M        | 16384-34554  |
| 756           | Improved interoperability with Primo by updating the X-server to be IRD selective when adding a proxy prefix to link to native and external link fields. |  |  | X-Server  | 16384-286119 |
| 757           | Improved interoperability with Primo by updating the X-server to discard IP range definitions when receiving an INSTITUTE parameter in the request.      |  |  | X-Server  | 16384-276238 |
| 758           | A handle was added for clusters that have a large number of documents.   |  |  | /V        | 16384-285639 |
| 759           | QuickSearch module was updated not to jump to results for zero hit searches.   |  |  | /V        | 16384-267779 |
| 760           | The MetaLib Redirection mechanism for external links was improved.   |  |  | /V        | 16384-261478 |
| 761           | Enhanced the interoperability with Primo/MetaLibPlus by adding the ability to export MetaLib e-Shelf records.  | System Configuration and Administration Guide' (page 58) | <p>Before you can import the e-Shelf into Primo, you must be running Primo v3.1.2 or later.</p> <p>To export eshelf records, run the following command, where the &lt;institute code in lower case&gt; parameter is optional:</p> <pre>csh -f \$metalib_dev/alephm/proc/export_eshelf_2_primo.csh &lt;institution code in lower case&gt;</pre> <p>If an insitute code is not specified, the e-Shelf records for all of the institutions will be exported. This script will create an XML file for each e-Shelf record under vir00/eshelf_export_&lt;institute code in lower case&gt; directory and a mapping file called ret_eshelf_primo_#DATE# . The directory will be placed in a tar file and gzipped using the following naming conventions and placed in the vir00 directory:</p> <pre>eshelf_export_&lt;institute code in lower case&gt;.tar.gz</pre> | /V        |              |

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| Change Number | Description  | Related Documentation                                    | Implementation Notes   | Module | SI Number |
|---------------|--|--|--|--------|-----------|
| 762           | Internal updates for Oracle 11.2 and Apache 2.2.20 support.  |  | <p>Customers using Shibboleth must verify, prior to installing MetaLib 4.5, that they have the Shibboleth Apache 2.2 module (mod_shib_22.so) installed on the server, next to the Apache 2.0 module. Once the Apache 2.2.20 module is updated, the httpd.conf file should be modified to use mod_shib_22.so instead of mod_shib_20.so.</p> <p>For example, if you added the following line to the httpd.conf file:<br/>           Include /etc/shibboleth/apache2.config</p> <p>It should be changed to the following:<br/>           Include<br/>           /etc/shibboleth/apache22.config</p> | Misc   |           |
| 763           | Each MetaLib institution can now use a different PDS server. | System Configuration and Administration Guide' (page 49) | <p>In order for an institution XXX to use a PDS server YYY other than the one used for your local MetaLib environment:</p> <p>1) Add the following variables to the www_server.conf file under \$metalib_conf directory:</p> <pre>setenv server_pds_XXX "YYY" setenv server_pds_in_XXX "YYY".</pre> <p>2) Use start_w to restart the metalib server.</p>   | /V     |           |
| 764           | Added the option to update third-party products via util_sp. |  |  | Misc   |           |