

ExLibris MetaLib

Service Pack No:

4.5.3 (793-804)

Note: Internal fixes have been omitted from the list.

Highlights:

1. It is now possible to search for certain terms containing a plus sign in MetaLib, for example 'c++'. (Defect #796)
2. Native link for Primo Central resource is now available in table, brief and full views. (Defect #801).
3. Metalib is now compatible with PDS 2.1.1.009 release. (Defect #802)
4. MetaLib running on RH6 platform is available starting from this service pack. (Defect #804)

General Documentation for Service Packs:

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



4.5.3 Defect Fixes

Change Number	Description	Related Documentation	Implementation Notes	Module	SI Number
793	The following delete institution scripts in the aleph/proc directory were improved to work on all types of environments: - p_delete_one_institute - p_delete_multiple_inst_except_one			/M	-
794	The check full text X-Server mechanism was updated to prevent multiple errors in the log.			X-Server	-
795	Because of an error in the X-Server parser, some of the 856 subfields that contained values in the source were emptied. This has been fixed.			X-Server	16384-318735
796	It is now possible to search for predefined terms that contain a plus sign (such as c++) in MetaLib.		In order to implement this feature, you must add the allowable search terms (those containing plus signs) to the following file: /exlibris/metalib/m4_x/vir00/tab/terms_with_plus_sign Note: The 'c++' and 'C++' terms have already been added to the above file.	/V	16384-291801
797	The system hung when deep Links were opened in an existing MetaLib session. This has been fixed.			/V	16384-313807
798	In some cases, the new exception handler for 'check_full_text_availability' caused fetching of results via X-Server to fail.			/V	16384-357438
799	Because the X-Server did not consult the proxy definitions of the institution IP Ranges table when a present request was sent, proxy prefixes were added incorrectly. This has been fixed.			X-Server	16384-364322
800	Each time a service pack was installed, the 'start' variable was added to the metalib.conf file. This caused some links that were defined in /M to be created incorrectly. This has been fixed.				16384-359655
801	The native link for the Primo Central resource is now available in the table, brief, and full views.			/V	16384-360190
802	Metalib is now compatible with the PDS 2.1.1.009 release.			PDS	-
804	Starting with this service pack, MetaLib is available on the RH6 platform.			-	-

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Change Number	Description	Related Documentation	Implementation Notes	Module	SI Number
549	<p>1) An improvement was made to the cluster and facets memory usage.</p> <p>2) Resources that were using the fetch more option had problems with corrupted clusters and facets. This was fixed.</p>			General /V	NA 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 (mainly)	
551	<p>Previously, the Alternative link to native interface field in the IRD was limited to 200 characters.</p> <p>The length has been increased to 500 characters.</p>			/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	<p>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.</p> <p>The system has been fixed to count only the searchable databases.</p>			/V	8192-62588
554	<p>The IP ranges fields would not allow an IP address that used periods to separate the parts of the IP address.</p> <p>The fields were fixed to allow periods to be entered as separators.</p>			/M	
555	In some deep links, restricted resources could be searched without having the proper authentication. This was fixed.			/M	16384-75657
556	<p>If a /V user is created with an ID of GUEST, it cannot be managed via the /M interface.</p> <p>MetaLib no longer allows you to create a /V user with an ID of GUEST.</p>			/V	8192-20716
557	In some cases, Search&Link links to results in native interface were truncated. This was fixed.			/V	16384-64440
558	<p>The length of the Hostname:Port field was limited to 200 characters in the Change Hostname:Port global update option.</p> <p>The length has been increased to 2000 characters.</p>			/M	16384-17124

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Change Number	Description	Related Documentation	Implementation Notes	Module	SI Number
559	The g parameter that is used in RegExp replaced only the first occurrence of the search string. This was fixed to replace all of the occurrences of the search string.			/M	16384-52373
560	For mldadmin users, the Filter by Institution drop-down list on the Find Resource page in the /M interface incorrectly displayed My Group as the chosen item in the list. 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

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Change Number	Description	Related Documentation	Implementation Notes	Module	SI Number
587	When using the WORD-FIX table, the system had trouble normalizing characters to Latin letters. This was fixed.			General	6425
588	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. This problem has now been fixed, and the result of the RegExp operation now appears within one, unified subfield.			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	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. 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.	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

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Change Number	Description	Related Documentation	Implementation Notes	Module	SI Number
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
605	<p>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.</p>			API	8192-84871
607	<p>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:</p> <p>Locked set - Defines whether the number of restricted resources is above or below threshold.</p> <p>Locked set = N indicates that the set is not locked because the threshold of restricted resources was not exceeded Locked set = Y indicates the set is locked because the threshold was exceeded</p> <p>Previously, the system returned N when the set should be locked and Y when it should not be locked.</p>			API	8192-103955
608	<p>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.</p>			General	8192-89217
609	<p>The MetaLib Administration user (mladmin) was not able to filter by institution after performing a Browse List of Resources search. This has been fixed.</p>			/M	
610	<p>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.</p>			/V	8192-80273
611	<p>Changing the order of a large number of categories and or sub-categories resulted in an error. This has been fixed.</p>			/M	16384-109482, 16384-84051

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Change Number	Description	Related Documentation	Implementation Notes	Module	SI Number
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
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 RSI or JSI in the following file: \$metalib_conf/www_server.conf The default value is JSI .	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

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Change Number	Description	Related Documentation	Implementation Notes	Module	SI Number
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
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: - Reading List	General	8192-101107

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Change Number	Description	Related Documentation	Implementation Notes	Module	SI Number
654	Clicking the Push to My e-Journals button on the Find e-Journals page, sometimes displayed the incorrect institution on the login page. 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: - MetaLib access to SFX - Redirect MetaLib to	/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.				
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

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Change Number	Description	Related Documentation	Implementation Notes	Module	SI Number
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	
678	SFX version 4 no longer fails to use the FullTxt 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	

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Change Number	Description	Related Documentation	Implementation Notes	Module	SI Number
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: If the keywords parameter is assigned to the Selected Fields for Export section, return it to the Additional IRD Fields section and then assign it back to the Selected Fields for Export section.	/M	16384-224220
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	
697	The functions "View resources added/changed in CKB update" is now available also for group users.			/M	16384-189068
698	If the '¶' 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	

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Change Number	Description	Related Documentation	Implementation Notes	Module	SI Number
700	A perpetual Vivisimo license has been added.			/V	
702	Enabled the option to create longer deep links (up to 30 parameters) that contain <code>force_login=y</code> .			/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
705	An option to edit the sender email address for the CKB update email was added.		<p>Add the following line to the <code>www_server.conf</code> file under <code>\$metalib_conf</code>:</p> <pre>setenv ckbupdFmail "wanted_sender@domain.com"</pre> <p>Then apply <code>start_w</code> from the command line.</p>	/M	16384-231491
706	Fixed the display of the HTML hit pattern and ZERO hit pattern fields when they contain the " sign.			/M	16384-141357
707	Updated the option to save the string <code>&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 Free 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: #record_list_metasearch {width:100%;height:259px;overflow:auto;overflow-y:scroll} to: #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 Year 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® 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 Link to Database Guide 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: The following line should be added to the <code>httpd.conf</code> file (in the <code>apache/conf</code> directory): setenv PERL5LIB <PDS_PROGRAM_DIR> For example: setenv PERL5LIB /exlibris/metalib/m4_1/pds/p rogram	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.			MetalIndex	
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 <institute code in lower case> parameter is optional:</p> <pre>csh -f \$metalib_dev/alephm/proc/export_eshelf_2_primo.csh <institution code in lower case></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_<institute code in lower case> 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_<institute code in lower case>.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: Include /etc/shibboleth/apache2.config</p> <p>It should be changed to the following: Include /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>	/N	
764	Added the option to update third-party products via util_sp.			Misc	
767	Indexing process improvements.		In order to resolve indexing related issues, re-index dat01 process should run to recreate corrupted indexes.	/N	16384-286674

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Change Number	Description	Related Documentation	Implementation Notes	Module	SI Number
769	Shortcut to upgrade express kit for oracle 11 directory is added.		In order to get to upgrade express kit for oracle 11 directory, type: upx11 (works if tcsh command was run in the beginning of the Unix session)	Misc	-
770	Creation of new IRD Mechanism was improved to present correct IRD data right after saving the new IRD.		-	/M	16384-294591
771	SMTP host variable length limit was increased to 50 characters.		-	/V	16384-291702
772	Search exception errors will now be translated according to www_heading.lng under vir00/tab.		-	/V	16384-285014
773	Validations in check_full_text_availability program were improved.		-	/V	16384-306500
774	X-server find function was updated to take more filter attributes into account.		-	X-Server	-
775	Allow running p_index_database_91 from any location on the server.		-	Misc	-
777	X server was updated to check user group value according to IP definitions 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	check_full_text_availability functionality was changed in order to improve data buffering process.		-	/V	-
780	Highliting mechanizm replaced punctuatuion marks with spaces when searching for terms that include punctuation marks. As a result the full view of the record was not despalyed. Now it is fixed.		-	/V	16384-306349
781	The option to run "All Subcategories" process simultaneously by different users is prevented now at cron job level.		-	/M	16384-285494
782	The e-Shelf export to Primo was improved to support the processing of a large amount of files.	See Chapter 2, "Exporting MetaLib E-Shelf Records for Primo," in the MetaLib System Configuration and Administration Guide.	In order to handle a large amount of files, the export process creates a root directory under vir00, where each directory can contain a set of subfolders, allowing 10000 records in each one.		16384-306031
783	The GUEST ON-CAMPUS user can search subscribed resources. Previously there was a problem discovered with this functionality. This has been fixed.		-	X-Server	172386
784	Sometimes Link to native interface opened /V interface incorrectly. This has been fixed.		-	/V	16384-342264
785	Add of proxy prefix to "Link to Native Interface URL" works now the same for X-server and /V calls.		-	X-Server	16384-337590

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Change Number	Description	Related Documentation	Implementation Notes	Module	SI Number
786	Adding proxy prefix to links in the IRD, except for the "Link to Native Interface URL" and "Link to Records in Native Interface", can now be possible by setting the environmental variable "add_proxy_to_all_links". For details please refer to implementation notes.	See Chapter 5, "The Information Resources Database Record (IRD)," in the MetaLib Resource Management Guide.	In order to add a proxy prefix to all the links in the IRD, when "Use proxy server" is defined, the following line should be added to www_server.conf: setenv add_proxy_to_all_links Y (Apply start_w after the above change.)	/V	16384-325729
787	The proxy prefix is now added to the links under PRIMO find-db selected databases.		-	X-Server	16384-310045
788	Alma can now be used as a link resolver for MetaLib. Please refer to "MetaLib System Configuration & Administration Guide" for the detailed explanation.	See the MetaLib System Configuration and Administration Guide.	-	/V	-
789	Now it is possible to define list of up to 50000 IPs for resources IP filtering, using tab_authorize_ip table.	See Chapter 5, "The Information Resources Database Record (IRD)," in the MetaLib Resource Management Guide.	In order to use the long tab_authorize_ip table option, add the following line to www_server.conf: setenv long_auth_ip_tab Y (Apply start_w after the above change.)	X-Server	16384-328096
790	The list of IP's defined per MetaLib resources has been removed from the X-Server response when the calling application is Primo, considerably improving the performance of the Primo Find Databases page for customers who define many IP addresses for resources IP filtering.	-	-	X-Server	
791	Hot fix for eshelf export (make exported records include openUrl field)	-	-	-	-
792	Hot fix for MetaLib to support Alma as a link resolver	-	-	/V	-