

ExLibris

SFX

Release Notes

SFX March 2019 Release

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Applying the Revision

The following packages are released:

sfx-sw-update-4.10.7.run

sfx-extra-update-4.10.7.run

For directions on applying the revision, refer to the **SFX KB Update section** of the *SFX General User's Guide*.

Highlights

This release includes the following SFX Infrastructure Upgrades:

- MariaDB Bi-Yearly update
- Upgrade Java 1.8.0.60 to 11.0.1 JDK
- Upgrade Solr 6.6.5 to 7.5

Additionally, the following enhancements were included:

We added encryption for password and token information in Autoloader configuration. The password and token information will now be encrypted when saving the info (in KBManager) and decrypted when using the actual autoloaders to fetch holdings information.

This development includes a script to encrypt/decrypt existing password and token information for existing Autoloader configurations.

We provided option in ServerAdminUtility delete and/or schedule deletion of IP address information from the stats offline tables.

We provided an option in the Pubmed source configuration to include the NCBI API key for pubmed fetch requests. This API key is needed for customers that expect to send more than three pmid requests to Pubmed per second. Note: This feature was also included in a KBDB release in December 2018.

Info about the API key API can be found here: <https://ncbiinsights.ncbi.nlm.nih.gov/2017/11/02/new-api-keys-for-the-e-utilities/>

The Basic export files were changed for exports for specific institutes to indicate which institution the titles are active for. The change was made to reflect better which activations are inherited in a consortium setup.

SW Changes

Issue Type	Components	Summary	Documentation Required	Changed Files	Case Number	Jira Number
Enhancement	Back Office - AutoLoaders	Added encryption for password and token information in Autoloader configuration. The password and token information will be encrypted when saving the information (from KBManager) and decrypted when using autoloaders to fetch data. This development includes a script to encrypt/decrypt existing password/token information for Autoloader configuration.		lib/Automation/BuisnessLogic/ElsevierSD.p m lib/Automation/BuisnessLogic/Ovid.pm lib/Automation/BuisnessLogic/SpringerBooks.p m lib/Automation/BuisnessLogic/SpringerJournals.p m lib/Automation/Utils/AutoloaderConfigParser.p m templates/css/sfx_admin.css templates/js/admin_tools/e_functions.js templates/sfxctrl/target_service/edit.htm templates/sfxctrl/target_service/view.htm		SFX-7548
Enhancement	Statistics	Provided an option in the ServerAdminUtility to delete/schedule the deletion of IP address information from the stats offline tables.	SFX System Administration Guide	admin/stats/cleanup_ip_from_files.pl admin/stats/cleanup_ip_from_tables.cron admin/stats/cleanup_ip_from_tables.pl admin/server_admin_util admin/stats/scheduler.pl config/central_management.config.cloud config/central_management.config__ lib/Admin/TaskManager/TaskValidatorUtil.p m lib/Admin/TaskManager/UIParams.pm lib/CentralJobManagement/ProblematicJobs.p m lib/LOL/Stats.pm		SFX-7615

Issue Type	Components	Summary	Documentation Required	Changed Files	Case Number	Jira Number
Enhancement	Back Office - Export	Added correct institution information to the Basic Export files. If an export is restricted to one institute, the institute name column will now contain the institute for which the the portfolio was activated, not the institute name of the export input parameter.		lib/DBLayer/TargetService.pm lib/Admin/Tool.pm	230163	SFX-7617
Task	Front End - SFX Menu, SFX Menu - Source Parsers	Provided an option to include the NCBI API key for Pubmed fetch requests. Note: This feature was also included in a KBDB release during December 2018.	SFX Advanced Users Guide	config/source/OpenURL_0_1/pmid.config_ config/source/OpenURL_1_0/pmid.config_ lib/Parsers/SourceParser/OpenURL_0_1/p mid.pm lib/Parsers/SourceParser/OpenURL_1_0/p mid.pm		SFX-7639

Issue Type	Components	Summary	Documentation Required	Changed Files	Case Number	Jira Number
Task	Infrastructure - MariaDB	Upgraded MariaDB with a minor bi-annual update.		revision_maker/applyextra/patch-post-4.10.7-2.pl		SFX-7571
Task	Infrastructure - Java	Upgraded Java 1.8.0.60 to 11.0.1 JDK.		revision_maker/applyextra/extra.conf		SFX-7208

Issue Type	Components	Summary	Documentation Required	Changed Files	Case Number	Jira Number
Task	Infrastructure - Solr	Upgraded Solr 6.6.5 to 7.5		solr/server/resources/log4j2.xml solr/solr/common/conf/schema.xml solr/server/etc/jetty.xml revision_maker/applyextra/patch-post-4.10.7-1.pl revision_maker/applyextra/extra.conf revision_maker/applysw/solr_complete_build.pl		SFX-7505
Defect	Back Office - AutoLoaders	Changed SpringerNature autoloader URL information to support the Springer migration of their auto-holdings to the new librarian platform.		config/springerJournals_api.config__ config/springerBooks_api.config__		SFX-7860

Issue Type	Components	Summary	Documentation Required	Changed Files	Case Number	Jira Number
Defect	Front End - SFX Menu	Fixed the problem with Authentication and General Note information not appearing in the SFX menu for consortium activations.		lib/SFXMenu/Output/HTML.pm		SFX-7855
Defect	Back Office - SFXAdmin - General	Fixed the problem with the "Add additional PC key" option for PCI activations being limited to five PC keys per SFX instance. This limitation has been removed.		sfxadmin/primo_central.cgi templates/sfxctrl/admincenter.html	645728	SFX-7833

Issue Type	Components	Summary	Documentation Required	Changed Files	Case Number	Jira Number
Defect	Back Office - Task Manager	Fixed the problem with the display of cron jobs that were added via the Task Manager (missing a '0' for the hour and minute display) in the ServerAdmin Utility. This problem has been fixed.		lib/Admin/TaskManager/UIParams.pm		SFX-7832
Defect	Back Office - SFXAdmin - General	Fixed the problem with hyphens not being allowed for the PC Key field in Primo Central > Configuration.		templates/js/primo_central/primo_central.js □	636808, 646838	SFX-7824

Issue Type	Components	Summary	Documentation Required	Changed Files	Case Number	Jira Number
Defect	Back Office - General (SFX)	Resolved an issue with XSS vulnerability for autocomplete.		cgi/core/autocomplete_srv.cgi	642484	SFX-7823
Defect	Front End - SFX Menu	Fixed a problem with notes on the target level not being displayed for targets without portfolios after the December 2018 SFX release.		lib/AZLIST/JournalSearch.pm lib/DBLayer/Multilanguage.pm lib/NetWrap/REST/Handler/SFXMenu.pm lib/SFXMenu/Output/HTML.pm lib/SFXMenu/Engine.pm lib/Solr/ExtraInfo.pm	622928, 638981, 643779	SFX-7773

Issue Type	Components	Summary	Documentation Required	Changed Files	Case Number	Jira Number
Defect	Back Office - SFXAdmin - General	Fixed the errors in the apache log when creating new targets without a target service.		lib/Admin/KBManager/Output/Target.pm templates/sfxctrl/target_service/list.htm		SFX-7772
Defect	Infrastructure - MariaDB	To make repairing of large MYSQL tables safer, the parameter "myisam_max_sort_file_size" in my.cnf file was changed to 25G. NOTE: It is important to make sure there is at least 25GB of free space under /Exlibris.		revision_maker/applyextra/patch-pre-4.10.7-1.pl		SFX-7744

Issue Type	Components	Summary	Documentation Required	Changed Files	Case Number	Jira Number
Defect	Front End - SFX Menu	Fixed the problem with the "No full text available for this item" target displaying if there is a full text service from a preferred link target. Note: This feature was also released as part of a hotfix in December 2018.		lib/SFXMenu/Services/DisplayLogic.pm	635254, 637254, 637930, 638387, 639586	SFX-7743
Defect	Revision Update	Due to the dependency of the December release 2018 on the Perl Upgrade Kit, the revision update was changed to not terminate the entire revision update process, but just to skip to the next type (Extra, SW, KBDB, KBSW). If the Perl Upgrade Kit has not yet been applied on the SFX server, it will still be possible to apply the KBDB and KBSW packages.		revision_maker/applysw/applysw.pl revision_maker/applyextra/apply.pl □		SFX-7735

Issue Type	Components	Summary	Documentation Required	Changed Files	Case Number	Jira Number
Defect	Front End - SFX Menu	Fixed the problem with error messages in handling the STAT_OBJECT table if the SFX multi-object window is displayed.		lib/SFXMenu/Services.pm	590862	SFX-7714
Defect	SFX Menu - Report broken link	Fixed the problem with 'Report broken link' email if HTTPS is configured in SFX. The broken link email now contains the correct protocol (HTTP or HTTPS).		lib/ContextObject/Engine/OpenURL.pm	613533	SFX-7693

Issue Type	Components	Summary	Documentation Required	Changed Files	Case Number	Jira Number
Defect	Back Office - SFXAdmin - General	Fixed the problem with the link to the Journal Search in the SFXAdmin configuration section using lower case failing after the September release.		sfxadmin/journalsearch_setup.cgi □	593619	SFX-7687
Defect	Back Office - SFXAdmin - General	Fixed problem with display of IP addresses in SFXAdmin Institute administration. After the Perl upgrade, the template that builds the IP range field in the BO institute lists shows two IP ranges in the same line. Template was changed to work with the new Perl version.		templates/sfxctrl/institute_setup/list.tmpl	593630	SFX-7686

Issue Type	Components	Summary	Documentation Required	Changed Files	Case Number	Jira Number
Defect	Journal Search	Fixed problem with Journal search - "Starts With" starting with capital letters. We removed the capitalize function from CSS files of 'Journal Search' and 'Ebook search'.		templates/css/journalsearch/style.min.css templates/css/journalsearch/style.css <partials> templates/css/journalsearch/src/scss/partial s/_mdl-radio.scss templates/css/journalsearch/src/scss/partial s/_mdl-textfield.scss </partials>	575077	SFX-7622
Defect	Back Office - Login screen	reCaptcha in SFXAdmin was upgraded to v2.		config/sfxctrl.config lib/SFXAdmin/ReCaptcha.pm sfxadmin/sfxctrl.cgi revision_maker/applysw/adjust_sfxctrl_conf g_with_captcha_keys.pl revision_maker/applysw/foreachinstance.pl	568118	SFX-7556

Issue Type	Components	Summary	Documentation Required	Changed Files	Case Number	Jira Number
Defect	General - Other	Updated the outdated paths to pidfile and config in init script sfxd "admin/init_scripts/sfxd" used when starting SFX after server reboot.		admin/init_scripts/sfxd <input type="checkbox"/>	548656	SFX-7547
Defect	Back Office - KBManager	Fixed the Imprint field in the Object Search Results view and edit functions. We removed the semi-colon from the Imprint field if the publisher name or publication place is missing.		templates/sfxctrl/object/view.tpl <input type="checkbox"/>		SFX-7546

Issue Type	Components	Summary	Documentation Required	Changed Files	Case Number	Jira Number
Defect	SFX Menu - SFX Multi object menu	The multi-object configuration tool tip text was changed regarding when to rebuild the RSI index.		templates/sfxctrl/custom/multi_object.tpl		SFX-6200