

# REDCap Flex Upgrade Changelog – June 10, 2025

## Version 15.0.23 LTS to 15.0.26 LTS

No new features, only bug and security fixes.

### Version 15.0.26

- Major security fix: The third-party library named Axios contained a Server-Side Request Forgery (SSRF) vulnerability. The Axios library in REDCap was upgraded to a non-vulnerable version. This can only be exploited by an authenticated user.
- Major bug fix: When using randomization in a longitudinal project with multiple arms, in which a record is deleted after being randomized, the record's allocation in the allocation table would mistakenly not get removed when the record is deleted. Thus, its allocation would not be freed up to be utilized by another record later. Additionally, if a new record was created with the same name as the deleted record, it would show the new record as having been randomized on the data entry form and on the randomization dashboard when in fact that new record had not been randomized. Bug emerged in REDCap 14.7.0. (Ticket #256870)
- Bug fix: Certain drop-downs throughout REDCap (e.g., field drop-downs on the Randomization setup page) might become unwieldy if the drop-down option label is too long. (Ticket #256772)
- Bug fix: In a longitudinal project that has calculations that reference fields on repeating instruments for various events, in which those fields exist on events that do not yet have any data for a given record, the calculation might mistakenly return a blank value rather than the correct value. (Ticket #255308)
- Bug fix: The Control Center would mistakenly display a false positive saying that there are issues with the database structure. This would occur in REDCap installations that have not performed the Unicode Transformation process yet and are using MySQL with the UTFMB3 character set for their REDCap database tables. Bug emerged in the previous version. (Ticket #256653)
- Bug fix: The data search feature on the Add/Edit Records page might return display artifacts and thus will not display correctly if fields contain HTML tags in their data values.
- Bug fix: When syncing data back to the server from the REDCap Mobile App, in certain situations a fatal PHP error might occur that would result in an error message in the mobile app, which would stop the sync process. (Ticket #256175)
- Bug fix: When using Clinical Data Pull in CDIS, in which REDCap is launched from the EHR and tries to fetch patient data, rare lookup failures could result in an unhandled error and abort the launch.
- Bug fix: When using DDP Custom, empty or invalid API responses to the DDP web services would not fail gracefully but would result in a fatal PHP error. They now return an appropriate error message. (Ticket #256604)
- Bug fix: When using certain outgoing email services (e.g., SendGrid), any email sent from REDCap that contains an email address that is duplicated in the To, CC, or BCC address fields would fail to send.
- Bug fix: When using randomization smart variables that do not have a ":n" appended to them (e.g., [rand-time]), server-side logic parsing (e.g., ASIs, Alerts, Survey Queue) would fail to

interpret the logic correctly and might return unexpected results. Bug emerged in REDCap 14.7.0. (Ticket #256543)

- Bug fix: When using the e-Consent Framework with certain types of PDF files as the consent form, there is the possibility that the PDF consent form might be truncated when added to the REDCap-generated PDF that is stored in the File Repository afterward. (Ticket #255741b)
- EM Framework related bug fixes: Fixed API from returning incorrect value to modules. Fixed buttons not working in module settings. Fix for displaying files uploaded to rich text settings. Fixed a bug preventing files without extensions from getting excluded when setting imports and exports.

#### Version 15.0.25

- Major bug fix: When changing the case of an MLM language ID only on the Multi-Language Management setup page, that MLM language would mistakenly get deleted in the project. (Ticket #256331)
- Major bug fix: When performing an Easy Upgrade to REDCap 15.0.23 (LTS), 15.0.24 (LTS), 15.3.3 (Standard), or 15.4.0 (Standard) from a previous version, the upgrade process would fail with an unknown error. (Ticket #256400)
- Bug fix: Data Quality Rule C would mistakenly return false positives for the form status complete field for all repeating instruments that contain data. This bug was supposedly fixed in REDCap 15.0.21 LTS and 15.3.1 Standard, but mistakenly it was not. (Ticket #256184)
- Bug fix: If using a specific "X & Table-based" authentication method that allows Table-based users to have an apostrophe in their username, when creating a new Table-based user with an apostrophe in their username, the user would mistakenly not be able to log in initially to set their password. This would cause the login page to keep redirecting over and over again. (Ticket #256519)
- Bug fix: In some specific situations with calculated fields, such as when using mathematical exponents in the calculation, Data Quality rule H might mistakenly return a result that is not accurate. (Ticket #256467)
- Bug fix: Some action tags would mistakenly not show up on the Online Designer underneath a field utilizing the tag.
- Bug fix: The REDCap::getProjectXML() developer method would fail to output many of metadata/redcap tags in the "GlobalVariables" section of the XML file when the method parameter "returnMetadataOnly" was set to False. (Ticket #255826)
- Bug fix: When a Table-based user is resetting their own password, the process would log the event as the user's "last activity" but not as their "last login", which could be confusing to administrators viewing the user's account history after the fact. It now also logs this as their "last login" since the password reset action does also serve as a login process. (Ticket #255541)
- Bug fix: When creating a new project using a Project XML file, in which the original project contained one or more instruments that each had no fields (excluding the Form Status field), those instruments with no fields would fail to be created in the new project. (Ticket #253898)
- Bug fix: When exiting Draft Mode in a production project, Draft Preview Mode exit was logged even when Draft Preview Mode was never entered.

- Bug fix: When integers are used as MLM language IDs, those languages might not work correctly in all situations.
- Bug fix: When performing the "Re-evaluate Alerts" action on the "Alerts & Notification" page, in which some already-scheduled alerts get unscheduled/removed during the re-evaluation process, the "Re-eval Results" dialog text might mistakenly inflate the number of notifications and records that were affected during the re-eval process. (Ticket #255236)
- Bug fix: When retrieving data in "array" format from the developer method REDCap::getData(), if the "fields" parameter is explicitly provided, in which one or more fields in the "fields" array is from a repeating instrument, the array data returned from the method would mistakenly include the form status complete field of those repeating instruments whose fields were explicitly specified, even when the form status complete field itself was not specified to be returned.
- Bug fix: When sending a survey invitation via the "Survey Options" menu at the top of a data entry form in a multi-arm project, if the current event being viewed does not belong to the first arm in the project, then the "To" email drop-down list would mistakenly not be visible in the dialog. (Ticket #255959)
- Bug fix: When transferring Project XML files between different REDCap versions, in some cases, the MLM setup page would fail to load.
- Bug fix: When using "Shibboleth" or "Shibboleth & Table-based" authentication, in which the "Set user information on each login" option is enabled and the system is set to send notification emails upon new user creation, those emails would mistakenly be sent any time the user information was updated on user login. This fixes that so that those emails are only sent if the user account did not previously exist.
- Bug fix: When using Multi-Language Management, in some cases, piped labels were not translated properly in REDCap-generated PDFs. (Ticket #256369)
- Bug fix: When using the "IP address exceptions" option for the Rate Limiter on the General Configuration page in the Control Center, the exception list might not be respected if the setting contains spaces between the IP address ranges. (Ticket #256029)
- Bug fix: When viewing the Participant List page when thousands or more records exist in the project, the page might be disproportionately slow to load, especially the Compose Survey Invitations dialog, which might not even load at all in certain circumstances. (Ticket #256342)
- CDIS-related bug fixes:
  - When processing FHIR metadata CSVs, empty or malformed lines caused parsing errors. Fixed the parser to safely skip invalid lines.
  - When loading FHIR metadata files, inconsistent formatting caused unreliable parsing. Corrected file contents to ensure consistent structure.
  - When saving CDIS mappings, the logic triggered PHP 8 warnings. Adjusted the code to align with PHP 8 syntax requirements and suppress those warnings.

#### Version 15.0.24

- Bug fix: Custom EM action tags were no longer showing in the Online Designer beneath a field that has the action tag. Bug emerged in the previous version. (Ticket #255946)
- Bug fix: If the "Upload or download DAGs/User-DAG assignments" drop-down menu is opened on the Data Access Groups page, the visible choices in the drop-down list might mistakenly

overlap certain dialogs that are also opened at the same time on the same page. (Ticket #255835)

- Bug fix: In some cases, fields with the DEFAULT action tag would show a red line (indicating a changed value) when they should not have. (Ticket #255624)
- Bug fix: In some rare situations, inline PDFs might get truncated when being displayed inside a REDCap-generated PDF (e.g., e-Consent survey response) due to an improper detection of an alpha channel in some PDFs. (Ticket #255798)
- Bug fix: In some situations, a cron job might be able to be run more than once at the same time, which generally should not cause issues, but now this situation is prevented in order to avoid any possible issues, such as race conditions. (Ticket #252371)
- Bug fix: In some situations, branching logic errors might pop up after the auto-logout has occurred for an authenticated user. (Ticket #255624)
- Bug fix: Some translations might mistakenly cause JavaScript errors on specific pages due to the lack of escaping of apostrophes. (Ticket #255828)
- Bug fix: The built-in Data Quality rules (A through I) might mistakenly not output the redcap\_repeat\_instrument value for a discrepant field on a repeating instrument in a CSV export of the Data Quality rule. (Ticket #255903)
- Bug fix: The default "Shibboleth Link Image URL" value for the REDCap Shibboleth Login page was outdated. (Ticket #255863)
- Bug fix: Under certain specific conditions when using comments, smart variables, and datediff together inside REDCap logic or calculations, incorrect results could get produced. (Ticket #255489)
- Bug fix: When importing ASI settings via a CSV file upload in the Online Designer, an error would occur if certain values in the CSV file are left blank, such as units\_recurrence or num\_recurrence. (Ticket #255603)
- Bug fix: When using Shibboleth authentication (but not Shib & Table-based) with multiple IdPs and with the homepage announcement set, the announcement text would be shown on the login screen even when the option to show on login screen was set to "No". (Ticket #255969)
- Bug fix: When using the MLM setup page, an unnecessary "Changed Items" notification might occur if one has recently upgraded REDCap from a version before v14.8.1 to a later version.
- Bug fix: When using the e-Consent Framework on a survey, and the REDCap-generated inline PDF of the participant's response takes a while to generate at the end of the survey, there is the possibility that the participant might be able to complete the survey without having viewed and certified their response. And if so in some specific cases, it might also cause the PDF stored in the File Repository afterward to be truncated. (Ticket #255741)
- Bug fix: When viewing or exporting a report that has a sort field from a repeating instrument, the report may not get sorted correctly unless that sort field is also listed as a field in the report itself. (Ticket #255578)