NEWSLETTER: REDCap LTS v16.0.54

Hello! This is REDCap's production environment upgrade information. The below information contains details of the BCM REDCap server updates.

As of **Monday, October 5, 2026**, the REDCap application has undergone the following upgrades:

- BCM REDCap Version **16.0.53** LTS to Version **16.0.54** LTS

How does this affect you, as a user?

- Security vulnerabilities patched.
- Bug fixes for known issues.
- External Modules updated.

For more information, please see Change Log below. For questions or REDCap help, please contact our BCM REDCap team at: redcap-support@bcm.edu

Reminder notice - Update of BCM REDCap Login Policy:
Effective **October 15, 2026**, ALL active BCM REDCap users – both Internal (BCM-account holder) and External/Collaborator (non BCM-account holders) users – will be required to log in at least *once every 365 days* to maintain an active account status.

To help users keep their accounts active, a reminder notification will be sent to those who have not logged in within the previous 6 months. Reminders will continue to be sent monthly until the user logs in. Logging in will reset the 365-day activity period and keep the account active.

If you no longer wish to have access to BCM REDCap, you may reach out to us to request deactivation of your BCM REDCap account. You will continue to receive BCM REDCap notifications until your account is deactivated.

For Enhanced E-consent Information:

- E-consent Framework 2.0:
  - Significant changes have been made to the user interface.
  - For a brief overview of the changes, please view the video here: https://redcap.link/econsent2vid
  - The BCM REDCap team has also recorded a Q&A video that discusses the changes further. It can be found here: REDCap 2.0 Q&A Session

REDCap LTS v16.0.54 External Modules List

This is the list of approved implemented External Modules that can now be used for your existing project. If you would like a listed module to be added to your project or would like to inquire about an existing module not yet on this list, please contact redcap-support@bcm.edu

Official External Modules can be found within the External Module Repository: https://redcap.vanderbilt.edu/consortium/modules/

Disclaimer from REDCap: Disclaimer: The modules listed in the REDCap Repo have gone through a process of testing, validation, and curation by the Vanderbilt REDCap Team with help from trusted individuals in the REDCap Consortium. It should not be assumed that all modules are bug-free or perfect, so please be aware that the entire risk as to the quality and performance of the module as it is used in your REDCap installation is borne by the REDCap administrators who download and install the modules.

External Module Name - with version	Description
Auto Complete Form Status Based on Required Fields - v1.7	This external module will set the Form Status 'Complete?' dropdown automatically to 'Complete' when all required fields are entered, and set to 'Incomplete' when not all required fields are entered.
Barcodes - v1.0.1	A REDCap external module that transforms text fields to barcodes on data entry forms and surveys.
CheatBlocker – v2.0.2	This module is used to identify “cheaters” or “gamers” and prevents individuals from completing a study screener multiple times to gain study entrance. It can be used in two ways: 1) at the point of screening to automatically inform potential participants that they are ineligible for the study, or 2) to flag a record as a potential duplicate and then allow study staff to make the final decision to include or exclude the record.
Check for Duplicates Across Multiple Projects/ Cross-Project Check for Duplicate Records - v1.5	Checks for duplicate records (as defined by a certain number of matching fields) across one or more projects. If the field matches across multiple records, a duplicate is reported. (Does not currently work for repeating instruments/events.)
Complete Row - v1.0.0	Colors each row of an instrument - if a value has been provided. This will highlight rows with missing values to improve their visibility.
Copy Data on Save - v1.6.2	Copy data from one place to another when you save a form. You can set up multiple copy

	processes to different projects or even to other fields in the same project.
Cross-Project Piping - v1.5.10	Cross-Project Piping pipes from one field in one project into another field in another project during data entry (not surveys). The projects have to be MATCHED on a third field in both projects. Enable this module in the DESTINATION project and select appropriate fields in the configure panel. **IMPORTANT NOTICE:** This module has completed BCM REDCap's extensive testing for application release. However, this module's support is EOL and module has been released as-is. Information on the EM can be viewed here: https://github.com/vanderbilt-redcap/cross-project-piping-module Disclaimer: EM use is subject to the discretion of the project team, and project team assumes responsibility for their project's data.
Custom Record Auto-numbering - v1.1.2	Allows users to create a custom record auto-numbering schema for their REDCap project. This works during data entry but not in public surveys or API/CSV data import.
Extended Reports - v2.4.6	Extensions to REDCap's built in Data Exports & Reports functionality: • Reshape row-per-record: collapse multiple events and/or instances for records to record-level rows • Reports using SQL queries (administrators only) • Adds live filter options for "All Data" report on report list page • Action tag @REPORT-LABEL='...' for specifying alternative field label for reports and exports Reshaped and SQL reports may be viewed in the browser or downloaded in CSV format, including via the API "report" method.
Flight Tracker for Scholars - v6.23.5	This extensive module tracks a scholarly group's career development by charting publications, grants, and patents over time. Training grants and other scholar communities can benefit from graphical, analytical, and reporting tools, including

	automatically produced drafts of NIH Training Tables. Only US data supported. Flight Tracker Resource site: https://edgeforscholars.vumc.org/additional-resources/flight-tracker/
Inline Descriptive Pop-ups - v1.4.8	Allows users to specify words or phrases on a form/survey to appear as a highlighted link that will display a popup of instructive text when the cursor moves over the word/phrase. The configuration allows multiple words/phrases to be utilized.
Instance Table - v1.13.5	Use the action tag @INSTANCETABLE=form_name in a descriptive text field to include a table showing data from repeat instances of that form. If project is longitudinal, use @INSTANCETABLE=event_name:form_name to specify the event and form (can be a repeating form or a form in a repeating event). Other action tags are available for controlling certain properties of the tables and their contents.
Language Editor - v1.0.2	Allows per project customization of the language.ini settings.
MGB LabArchives – v2.3.9	REDCap users can upload REDCap reports to their own LabArchives notebook by establishing a connection to their LabArchives account.
MGB Random Number ActionTag/Random Number - v1.1.0	External module that adds an action-tag to this project for generating random numbers on text fields.
Module Development Examples - v1.0 *Formerly: "Configuration Example"*	A external module to illustrate many of the configuration options and features of the External Module Framework by Vanderbilt University DataCore Team (Vanderbilt University Medical Center)
Note Taker - v1.0.0	A data entry enhancement for easy note taking inside of a redcap field.
Orca Call List Module - v1.3.3	A configurable, searchable, call list dashboard
Pre-populate instruments - v2.1.5	This module pre-populates one or more instruments with data from a previous event/instance. In a longitudinal project instruments will be pre-populated with data from the most current event data. In a classic project instruments will be pre-

	populated with data from the last instance (if repeating instances for the instruments are enabled).
Public Survey DAG – v1.2.0	Assign a public url for each DAG in a project.
Recalculate – v1.3.13	Compute values for Redcap calculate fields by record, event, field, or any combination of.
REDCap CSS Injector - v2.0.1	Allows administrators to inject CSS into survey pages, data entry pages, and every other project page.
Report Tweaks - v1.2.10	Configurable Display Enhancements for REDCap Reports
Search and Populate Data From Another Project - v0.9.0	Search another project for data to populate data into the current form. This module embeds REDCap's Search Query functionality into a data entry page to allow searches of _another_ project to populate fields in the current data entry page
Survey UI Tweaks - v1.2.4	A collection of UI and quality of life enhancements to make surveys more aesthetically pleasing and user friendly. This module provides end users with the ability to apply certain survey tweaks either globally to all surveys in the project or on a survey-by-survey basis. **NOTE: Survey UI Tweaks has features that is also in-built within REDCap. This EM is released for very specific functions that the in-build feature may not be able to implement. Released only for those very specific instances.**
Yale Second Language extension - v1.1.2	Basic multilanguage support for REDCap forms. **NOTE: Multi-Language Management (MLM) has been implemented as an in-build feature in REDCap as of v12.0.0. This EM is kept for to preserve projects who already have implemented this module.**

REDCap LTS v16.0.54 Change Log

This is a detailed list from REDCap's official Change Log site for STS and LTS for this version release. The LTS Change Log contains bug fixes while STS contains both **New Features** and bug fixes.

For an easy-to-read listing, this is The University of Arizona Health Sciences' website. (Please note that they are on the STS version): https://cb2.uahs.arizona.edu/services/redcap/redcap-version-changes

REDCap's official list of latest updates can also be found here: https://redcap.link/newstuff

NEW FEATURES NOTE: New features for LTS are derived from STS **v16.0.9**

LTS Change Log:

Version 16.0.54 (released on 2026-10-01)

- Medium security fix: The third-party library jQueryUI contained a vulnerability and was updated to the latest non-vulnerable version.

Version 16.0.53 (released on 2026-09-25)

- Major bug fix: Users with External Modules Configuration Permissions for specific EMs in a project might mistakenly not be able to access the EM Project Module Manager page in a project. Bug emerged in the previous version. NOTE: This bug is only included in this version because a security fix in an earlier version caused the issue that is now being fixed here.
- Bug fix: The REDCap upgrade process will automatically fix all legacy image/file download URLs in the system that might be broken as a result of security fixes in REDCap 16.0.50, 17.3.11, and 17.4.5. Such image/file download URLs would have been created when uploading images via the rich text editor (in any context) or when copying a file download link and pasting a static version of it somewhere in REDCap. The only URLs needing to be fixed are those created prior to upgrading to REDCap 15.7.3 or higher. Note: Günther Rezniczek's Legacy URL Fixer EM served as the basis for this fix. All broken URLs will automatically be fixed in the normal upgrade process, so there is nothing for any admin or user to do regarding this fix. NOTE: This bug is only included in this version because a security fix in an earlier version caused the issue that is now being fixed here.

Version 16.0.52 (released on 2026-09-24)

- Major security fix: A Control Center configuration authorization weakness was discovered in settings form processing, where extra POST parameters could allow unintended

redcap_config values to be written by admins with configuration rights but without full superuser (all projects/all data) privileges. In affected scenarios, a user could modify configuration values that were not intended to be editable from that page, such as security-related settings. This vulnerability exists in all versions.

- Major security fix: A privilege escalation weakness was discovered in project rights handling for certain endpoints/URLs, where an undefined SUPER_USER constant could be interpreted in a fail-open manner and result in superuser (all projects/all data) privileges being granted unintentionally. In affected scenarios, unauthenticated or improperly initialized requests could receive a full administrator rights array. This vulnerability exists in all versions.
- Major security fix: A cryptographic weakness was discovered in two-factor authentication secret generation, where new authenticator secrets were created using a non-cryptographic random source. This could make generated secrets more predictable than intended and weaken the protection provided by TOTP-based two-factor authentication. This vulnerability exists in all versions.
- Major security fix: An SQL injection vulnerability was discovered in MyCap announcement editing. In affected scenarios, a user with access to that functionality could potentially alter the SQL executed by the application. This vulnerability exists in REDCap 13.0.0 and prior to this fix.
- Major security fix: An SQL Injection vulnerability was found in a MyCap API endpoint used for retrieving study files, in which a malicious user could potentially exploit it and execute arbitrary SQL commands on the database by manipulating a MyCap API request in a specially crafted way. Additional hardening was added to ensure invalid MyCap API requests are rejected before any action-specific processing occurs. Bug exists in REDCap 13.0.0 and higher.
- Medium security fix: An authorization weakness was discovered in some Data Access Group administration routes, where certain DAG setup actions did not require the expected data_access_groups privilege. In affected scenarios, authenticated users could perform DAG administrative actions without the intended rights. This vulnerability exists in all versions.
- Medium security fix: A CSS injection vulnerability was discovered in HTML filtering, in which CSS inside allowlisted

Version 16.0.51(released on 2026-09-14)

- Bug fix: The Configuration Check page would mistakenly display an error message about the hook functions file. That warning was a false positive, so it will be removed. (Ticket #284144)
- Change/bug fix: Added a new Control Center page "Fix Legacy Image/File URL" to help administrators regenerate secure doc_id_hash values for existing DataEntry/image_view.php

and DataEntry/file_download.php links after the document hash algorithm was updated as part of a security fix in the previous version. The tool validates older or missing hashes and generates updated URLs for supported image/file links, including passthru and versioned download URLs. If a user has a broken image or download link (i.e., from a field label, survey instructions, etc.), they can provide the URL to the local REDCap admin, who can generate a new URL to replace the existing URL that no longer works. Bug emerged in the previous version.

Version 16.0.50 (released on 2026-09-11)

- Major security fix: A weak entropy vulnerability was discovered in project-level cryptographic salt generation, where REDCap created new project salts using a predictable rand()-based derivation. A malicious attacker who could recover or infer related values may have been able to brute-force the project salt and abuse survey-related cryptographic checks, potentially affecting survey integrity and participant data. This vulnerability exists in REDCap versions prior to this fix.
- Major security fix: A cryptographic weakness was discovered in the encryption helper used throughout REDCap, in which AES-CBC encryption reused a deterministic initialization vector derived from the key material. This could make encrypted values more predictable and weaken confidentiality protections for cookies and other encrypted data. This vulnerability exists in REDCap versions prior to this fix.
- Major security fix: A weak randomness vulnerability was discovered in MyCap code generation helpers and in the MyCap API, where unique MyCap strings were produced using rand() instead of a cryptographically secure source. In some scenarios, this could make generated values more predictable and weaken security-sensitive MyCap flows. This vulnerability exists in REDCap versions prior to this fix.
- Major security fix: A data export authorization issue was discovered in the Project XML API export endpoint, where project XML export requests could bypass the expected full data export privilege check. In affected configurations, an authenticated user with limited export rights could potentially export more project data than intended. This vulnerability exists in REDCap versions prior to this fix.
- Major security fix: A document-hash validation weakness was discovered in file download and image preview endpoints, where legacy document hash formats were still accepted in addition to the current hash. In affected scenarios, an attacker who could obtain or guess a document ID and corresponding legacy hash could potentially access files without using the modern validation path. This vulnerability exists in REDCap versions prior to this fix.
- Major security fix: A configuration-driven file inclusion weakness was discovered in the hook loader, where hook_functions_file could be resolved through permissive path handling and

fallback include behavior. In certain deployments, this could allow unintended PHP files to be loaded during page execution, increasing the risk of code execution. This vulnerability exists in REDCap versions prior to this fix.

Version 16.0.49 (released on 2026-09-09)

- Critical security fix: An unauthenticated Remote Code Execution vulnerability was found in the survey passthrough routing, in which a malicious user could potentially exploit it by manipulating HTTP requests to access an unintended endpoint/route from a survey context. If successfully exploited, this could allow the attacker to remotely execute arbitrary code on the REDCap server. The attacker does not have to be authenticated in order to exploit this, but exploitation requires knowledge of a valid survey hash. This vulnerability exists in REDCap 13.3.0 and higher.
- Major security fix: A parameter-tampering vulnerability was discovered on REDCap Control Center configuration pages that update the redcap_config table, in which a malicious authenticated user could potentially manipulate crafted POST requests to modify protected configuration values (e.g., "database_query_tool_enabled") that are not exposed for normal editing unless already enabled by direct querying of the database outside of REDCap. This could allow unauthorized enablement of the Database Query Tool via the web interface, increasing risk of direct database access and sensitive data exposure. This can be exploited only by authenticated REDCap administrators with Control Center configuration privileges. Bug exists in all versions of REDCap prior to this fix.
- Major security fix: A Stored XSS (Cross-site Scripting) vulnerability was discovered on the BioPortal Ontology search feature, in which some HTML and values were not being escaped properly when rendered on the page. This can be exploited only by authenticated REDCap users with Project Setup & Design privileges. Bug exists in REDCap 6.7.0 and higher.

Version 16.0.48 (released on 2026-08-27)

- Medium security fix: A Path Traversal vulnerability was found in a specific endpoint relating to the "Summarize Data" AI feature on reports, in which a malicious user could potentially exploit it by manipulating an HTTP request on a report. This can only be exploited by authenticated users and only if this specific AI feature has been enabled in the system. Bug exists in REDCap versions 15.0.0 and higher.
- Medium security fix: A Reflected XSS (Cross-site Scripting) vulnerability was discovered on the Database Query Tool page, in which a malicious user could potentially exploit it by inserting custom HTML and JavaScript into the SQL Query text box and then clicking the Execute button. This can be exploited only by authenticated REDCap administrators. Bug exists in REDCap 12.3.0 and higher.

Version 16.0.47 (released on 2026-08-13)

- Medium security fix: A Path Traversal vulnerability was found in a specific endpoint relating to the "Summarize Data" AI feature on reports, in which a malicious user could potentially exploit it by manipulating an HTTP request on a report. This can only be exploited by authenticated users and only if this specific AI feature has been enabled in the system. Bug exists in REDCap versions 15.0.0 and higher.

Version 16.0.46 (released on 2026-08-06)

- Medium security fix: An outdated third-party PHP library contained a vulnerability. The library was upgraded to a newer, non-vulnerable version.
- Medium security fix: A Reflected XSS (Cross-site Scripting) vulnerability was discovered on the survey Participant List page, in which a malicious user could potentially exploit it by inserting custom HTML and JavaScript in a specially crafted way into the URL. This can be exploited only by authenticated REDCap users who have Survey Distribution Tools privileges. Bug exists in all versions of REDCap.
- Medium security fix: A Reflected XSS (Cross-site Scripting) vulnerability was discovered on pages related to the REDCap Shared Library import process, in which a malicious user could potentially exploit it by inserting custom HTML and JavaScript in a specially crafted way into the URL. This can be exploited only by authenticated REDCap users who have Project Setup & Design privileges. Bug exists in all versions of REDCap.

Version 16.0.45 (released on 2026-07-30)

- Bug fix: In a MyCap-enabled longitudinal project, if a user creates a schedule using an existing record, it would incorrectly generate a duplicate MyCap participant for the selected record.
- Bug fix: In MyCap-enabled projects, saving a "Repeating" schedule without entering valid conditions under the "End this repeating task" section allows the task setup form to save with blank or invalid values instead of triggering an input validation error.
- Bug fix: In MyCap-enabled projects, when error validation triggers while modifying MyCap task settings, a confusing and repetitive status string (“EnabledDisableDisabledEnable”) appears directly inside the error message for selected events. Additionally, unnecessary console.log statements are present in the underlying code, which can clutter the browser's developer console during user actions.

- Bug fix: In certain cases when a URL parameter named "code" is used in a REDCap URL when using Entra ID or Open ID Connect authentication, it might force the user back to the login screen.
- Bug fix: CDP auto-adjudication could repeatedly search the EHR for the same patient when a record is used repeating instruments and processing failed after the patient lookup, potentially causing the background queue task to exhaust available resources.
- Bug fix: On the Calendar page, Ad Hoc calendar events that are not associated with a record were mistakenly not visible on the page to users who belong to a Data Access Group. (Ticket #281953)
- Bug fix: When navigating into a repeating instrument for an existing record while in Draft Preview Mode, in which no instances exist yet for the repeating instrument for that record, the user would be redirected back to the Record Home Page unexpectedly, which is confusing. It now still redirects them back to the Record Home Page (which is the expected behavior), but now it appropriately displays the error message afterward saying "A new instance was not created. The creation of new records or instances is disabled while Draft Preview Mode is enabled.". (Ticket #281774)

Version 16.0.43 (released on 2026-07-27)

- Major bug fix: In calculations or logic, using various REDCap special functions in certain ways with fields compared to a blank value (e.g., [field1]="") could result in incorrect results. Bug emerged in the previous version. (Ticket #281847)

Version 16.0.42 (released on 2026-07-24)

- Major bug fix: Due to a JavaScript error on the Create Project page, users would mistakenly not be able to create new projects. (Ticket #281784)

Version 16.0.41 (released on 2026-07-23)

- Bug fix: When using the AI auto-translate feature on the MLM setup page, the auto-translation process might fail completely if any text being translated contained a comma.
- Bug fix: Some text related to the AI auto-translate feature on the MLM setup page was not quite accurate, so it has been modified for clarity.
- Bug fix: When attempting to view the "Users and Projects with Non-compliant Rights" reports on the Access Control Groups page, the table would mistakenly always be empty. Bug emerged in the previous version.



- Bug fix: When using certain non-English languages for the REDCap interface, the "title" attribute (i.e., popover text) of several icons on the Online Designer field-view page might not be rendered correctly on the page. (Ticket #281501)
- Bug fix: Clinical Data Pull users can see a Patient FHIR ID offered for import into the project's MRN/record identifier field during adjudication when another REDCap field is mapped to the Patient FHIR ID. (Ticket #280355)
- Bug fix: Newer Open AI models would fail to work for the AI services in REDCap because some API parameters used by REDCap are no longer supported by newer models. (Ticket #281306)
- Bug fix: If a Notes field that does not have the RICHTEXT action tag is being piped on the same page where it is located, if its value contains line breaks at the moment the page is loaded, the piped value on the page will appear without line breaks, that is, until the user puts focus on the field and then leaves the field. (Ticket #280993)
- Bug fix: When attempting to import data for a checkbox field and mistakenly providing a checkbox field's data as a single field rather than multiple fields (one for each checkbox option) in the import file, under certain circumstances it could result in a fatal PHP error instead of more gracefully returning an error message to the user about what is wrong with the upload file.
- Bug fix: For MyCap-enabled projects, when a user clicks "Invite Participant" on the MyCap Participant page, the system would fail to display a warning if the REDCap API was disabled in the Control Center (under Module/Services Configuration). Because the REDCap API must be active for a participant to successfully join a project from the MyCap mobile app, users were sending invitations that would ultimately fail to work.
- Bug fix: When a Clinical Data Pull project using FHIR had no eligible mapped categories during background processing, REDCap could mistakenly perform a full-record fetch across all categories, increasing memory usage and the risk of cron failures.
- Bug fix: Using various REDCap special functions in calculations in certain ways with fields that have a blank value could result in incorrect results. (Ticket #281007b)

Version 16.0.40 (released on 2026-07-16)

- Major bug fix: If projects have branching logic or calculated fields have JavaScript containing a dollar sign character, the branching logic and calculated fields would suddenly no longer work and might display an error on the page. Bug emerged in the previous version. (Ticket #281200)



- Bug fix: The file ExternalModules/composer.json was mistakenly being removed from the resulting REDCap release zip files. That composer.json file is required in order to perform local External Module scanning. The file is now no longer excluded from the release zip files. (Ticket #278620, #281189)
- Bug fix: Newer Open AI models would not work for the AI services in REDCap because the "max_tokens" API parameter is no longer supported with those models. REDCap now uses "max_completion_tokens" in the request to be more compatible. Note: This was mostly fixed in REDCap 16.0.36 LTS and 17.2.0, but was still an issue when using the MLM Auto-Translate feature.
- Bug fix: If a user has an apostrophe in their username, it would not be possible to add the user to Data Access Groups via the DAG Switcher. (Ticket #281190)
- Bug fix: When using a survey theme, the survey's "Return Code Instructions" page and the "Start Over" page would mistakenly not be displayed correctly with the appropriate colors for the survey theme, thus making those pages difficult to read in some cases. (Ticket #280731)
- Bug fix: When using Access Control Groups with hundreds of users and/or projects in the system, the ACG Reports might mistakenly not load but would time out.

Version 16.0.39 (released on 2026-07-14)

- Critical security fix: A Remote Code Execution vulnerability was found in which a malicious user who is logged in could potentially exploit it by manipulating any REDCap logic that is stored in a project (e.g., calculations, branching logic, data quality rule logic, report filter logic). If successfully exploited, this could allow the attacker to remotely execute arbitrary code on the REDCap server. Note: Only authenticated users are able to exploit this. This vulnerability exists in all versions of REDCap.
- Major security fix: An SQL Injection vulnerability was found on a MyCap-related page, in which a malicious user could potentially exploit it and execute arbitrary SQL commands on the database by manipulating an HTTP request in a specially-crafted way. This can only be exploited by authenticated users that have Project Design privileges in a MyCap-enabled project. Bug exists in REDCap 13.0.0 and higher.
- Minor security fix: The MyCap "displayParticipantQrCode" action can be used to enumerate project/study codes without authentication by manipulating an HTTP request in a specially-crafted way. Determining a project's MyCap study code does not reveal anything sensitive in itself but is considered general information leakage that should not occur. Bug exists in REDCap 13.0.0 and higher.



- Bug fix: Using the piping modifier ":field-label" appended to a field variable on a Project Dashboard would mistakenly not pipe the field label for the specified field. (Ticket #280982)
- Bug fix: Using the concat() function in certain ways with fields that have a blank value could result in incorrect results. (Ticket #281007)
- Bug fix: Removed a Windows-only cron job check on the Configuration Check page because it was returning false results a majority of the time and is no longer deemed as helpful. (Ticket #280783)
- Bugfix: When using Alerts with the "Allow pausing of recurrences" option set, upon unpausing, more Alerts than expected might be sent (at one-minute intervals, up to the number that would have been sent as if the Alert was not paused.

Version 16.0.38 (released on 2026-07-09)

- Bug fix: Various fatal PHP errors might occur when using certain features within MyCap or CDIS. (Ticket #280724)
- Bug fix: On data entry forms and surveys, some branching logic related JavaScript code might cause large instruments to react slowly and feel more sluggish than expected when clicking on checkbox choices on the page. (Ticket #279950b)
- Bug fix: On surveys and data entry forms, matrix headers would not float properly (floating should happen when the matrix as a whole extends off the page vertically) if the matrix was previously hidden by branching logic. (Ticket #280662)
- Bug fix: In a MyCap-enabled project, project users might mistakenly receive emails when participants join or rejoin a project from the MyCap app if "Email notification setting" is configured to notify project user(s) upon receiving the message via email.
- Bug fix: The "Also edit Branching Logic for other fields?" prompt, which appears in the Online Designer when a field's branching logic is modified while other fields in the project have the exact same branching logic, would mistakenly report an incorrect number of fields that would be affected by clicking the "Yes" button. It was reporting the number of fields on the same instrument with the same branching logic, whereas it should instead display the number of fields across the whole project, as the text in the dialog implies. (Ticket #251392b)

Version 16.0.37 (released on 2026-07-02)

- Major security fix: A Stored XSS (Cross-site Scripting) vulnerability was discovered in which a malicious user could potentially exploit it by inserting custom HTML and JavaScript in a specially crafted way into any user input that is then output on a page in REDCap (e.g., field labels, survey instructions, survey response data displayed on a report). This vulnerability

can be exploited by authenticated users and also by survey participants entering data. Bug exists in all REDCap versions.

- Medium security fix: An Unauthenticated Open Mail Relay vulnerability was discovered on a specific survey-related page that could be exploited by attackers to send lots of custom emails to any recipient. Bug exists in all REDCap versions.
- Minor security fix: The file upload endpoint utilized on survey pages was mistakenly not checking to ensure that the REDCap field to which a file was being uploaded was indeed a File Upload field. Stronger checks have been implemented to prevent the possible uploading of files to other field types. Bug exists in all REDCap versions.
- Major bug fix: For participants using the MyCap Mobile App who have already joined a project, a recent change introduced a bug that prevents the app from communicating smoothly with the server. Bug emerged in the previous version. Note: For those institutions that have already upgraded to last week's REDCap version but cannot upgrade to this version yet, the only workaround to resolve this issue for MyCap participants is to have them rejoin the MyCap project. But once REDCap has been upgraded to this version, the issue will be automatically resolved, and no action is required by MyCap participants.
- Bug fix: CDP users can see an empty error object at the bottom of the adjudication modal when a foreground EHR fetch fails during large or paginated source data retrieval. (Ticket #279435)
- Bug fix: The CHARLIMIT action tag would mistakenly allow a user to enter one character more than is specified for the action tag, despite the fact that the extra character would get appropriately removed when leaving the field. However, this behavior was confusing to users. It now correctly prevents the user from entering more characters than is specified by the action tag. (Ticket #212988)
- Bug fix: On a survey page or data entry form, if a checkbox field is embedded into a multiple choice option of another field, the embedded checkbox option might not be vertically-aligned correctly with respect to its associated choice label. (Ticket #257427b)
- Bug fix: The External Module Log might mistakenly not work in some cases when using a non-English INI file for the system and/or project. (Ticket #280447)
- Bug fix: If using the ":link" or ":inline" piping modifiers when piping a File Upload field from the same page, the real-time piping would mistakenly not occur whenever the file is uploaded or deleted on the page. Bug emerged in REDCap 16.0.34 LTS and 17.1.3 Standard.
- Bug fix: When viewing the Project Home page on a mobile device, the page navigation drop-down near the top left would mistakenly say "Project Home Project Setup" instead of just "Project Home".

- Bug fix: When a non-Table-based user is logging in to REDCap for the first time, the automatic creation of their REDCap user account would fail to be logged appropriately in the system. (Ticket #279187)
- Bug fix: Under specific conditions when importing data into a project using the REDCap::saveData() method, any backslash+double-quotes that exist in a text value being imported would mistakenly be replaced with just a double-quote in specific conditions.
- Bug fix: If a calculation or branching logic utilizes the datediff() function and contains [survey-date-completed] or [survey-time-completion] as parameter and a MDY-formatted or DMY-formatted date/datetime as the other parameter, a syntactical error message would mistakenly appear on the page, thus preventing the function from fully evaluating. (Ticket #280374)
- Bug fix: For certain versions of MySQL, the upgrade SQL script might mistakenly fail due to an error related to "Illegal mix of collations". (Ticket #280406)

Version 16.0.36 (released on 2026-06-25)

- Minor security fix: An access control vulnerability (participant impersonation via shared signing key) was discovered in REDCap's internally-utilized MyCap API where a malicious user could potentially exploit it by manipulating an HTTP request in a specially crafted way that would allow them to send or read the data of another MyCap participant if they themselves are a MyCap participant in that same project. This vulnerability exists in REDCap 13.0.0 and higher. In preparation for this, a message was added in REDCap 16.0.19 LTS and 16.1.8 Standard to the MyCap Participant Management page to alert project coordinators that all participants need be using MyCap app version 2.6.4 by June 26, 2026. It is recommended that users on MyCap-enabled projects should ensure that all active participants have updated their MyCap app to version 2.6.4 or higher. Participants on older versions will no longer be able to sync or access their MyCap projects.
- Major bug fix: When viewing inline PDFs, the toolbar buttons of the PDF viewer would mistakenly all be disabled, thus preventing users/participants from clicking the zoom controls, paging, print features, etc. Bug emerged in the previous version. (Ticket #280256)
- Bug fix: When attempting to copy projects with one or more records, the record-copying part of the process can be intensive with regard to server memory and/or processing power, thus sometimes causing the process to be slow or to even crash for large data sets. To remedy this, a new checkbox (which is unchecked by default) has been added to the Copy Project page with the label "Log the copying of all records in the new project (may take much longer)" to provide users with a workaround in this case. Leaving the checkbox unchecked will perform the same processes seen in versions prior to v15.5.0 that are less memory/processor intensive. Bug emerged in REDCap 15.5.0. (Ticket #279867)



- Bug fix: When copying a project, some Automated Survey Invitation attributes, specifically those pertaining to repeating ASIs, might not get copied correctly.
- Bug fix: On data entry forms and surveys, some JavaScript code related to branching logic was not optimized, causing the page to load much slower than expected. (Ticket #279950)
- Bug fix: When creating Missing Data Codes on the Project Setup page, it might allow users to enter duplicate codes. It should not allow duplicates, even if in a different case (e.g., Test1 vs test1). It now returns an appropriate error when this is attempted. (Ticket #278441)
- Bug fix: When a data dictionary is downloaded (whether via the user interface or API), the min and max range values of Slider fields would mistakenly be exported as blank values if the min range is "0" and/or the max range is "100", respectively.
- Bug fix: In a MyCap-enabled project, upon adding an MTB-supported PROMs tasks (from Online Designer > Import Active Task > MTB PROMs tab > Import from Shared Library), the "Enable as Survey" button will still appear in the Online Designer for added MTB PROMs. It was fixed in previous releases but stopped working after fixes of some PHP 8 warnings.
- Bug fix: Users without Mapping Helper access could open the Mapping Helper page directly by URL even when the project navigation did not show that option.
- Bug fix: When using the Data Resolution Workflow and deleting a data quality rule, the warning message in the resulting "Delete" dialog was not quite correct. The warning message text has been updated for accuracy and clarity. (Ticket #279096)
- Bug fix: In a longitudinal project when an instrument is set to be a repeating instrument on a given event, but then the instrument is undesignated for that event via the "Designate Instruments for My Events" page, the page would mistakenly still display the repeating instrument icon for that instrument on that event, even when the checkmark icon is no longer displayed. The repeating instrument icon should only be displayed on that page when the instrument is designated for that given event. (Ticket #279834)
- Bug fix: The browser's time did not have a proper year format in the "Other useful info" box on the Control Center main page.
- Bug fix: MLM was mistakenly not fully enabled on the return to survey/start over page. (Ticket #280252)
- Bug fix: Newer Open AI models would not work for the AI services in REDCap because the "max_tokens" API parameter is no longer supported with those models. REDCap now uses "max_completion_tokens" in the request to be more compatible. (Ticket #275569)

Version 16.0.35 (released on 2026-06-18)

- Medium security fix: A Reflected XSS (Cross-site Scripting) vulnerability was discovered on the Database Query Tool page, in which a malicious user could potentially exploit it by inserting custom HTML and JavaScript in a specially crafted way into the URL. This can be exploited only by authenticated REDCap administrators. Bug exists in REDCap 14.3.5 and higher.
- Major bug fix: When data is being imported for fields on a non-repeating instrument that currently has no data (i.e., has a gray form status icon), but all the fields for the instrument have only blank values in the data being imported, the form status field for the instrument would mistakenly receive a value of "0" during the import process when instead it should remain having a blank value. This can also cause gray form status icons to become red status icons for records that are copied when copying a project. (Ticket #279691)
- Major bug fix: When the Bulk Record Delete page is being used to perform partial record deletion on a record that is locked at the record level, the selected forms would mistakenly have their data deleted within the locked record. Locked records should not be editable in any way. (Ticket #279104)
- Bug Fix: This fix ensures that when deleting records using the Bulk Record Delete feature, if the "Delete entire records" option is selected, then records are deleted regardless of locking status of the entire record itself, or of any of the forms and instances within. Partial delete operations will continue to ignore records based on locking status.
- Bug fix: When embedded PDFs (e.g., via :inline piping) contain form elements inside the PDF file, this would cause erroneous "Leave site?" prompts after clicking the “Save” button on a form/survey and might halt the page with a forever spinning "Working..." banner. (Ticket #279016, #279632)
- Bug fix: REDCap users importing project XML files for CDP/DDP projects can see missing or unusable CDP/DDP mappings when the exported project includes DDP mappings.
- Bug fix: CDP/DDP users reviewing fetched EHR values in the adjudication modal can encounter an error when a mapped REDCap target field is a checkbox field.
- Bug fix: CDP/DDP background fetch jobs can fail when processing records with large clinical histories across many mapped categories.
- Bug fix: Text in the Control Center relating to the Standardized Field (CDE) feature was out of date and thus incorrect. (Ticket #278898)

Version 16.0.34 (released on 2026-06-11)



- Bug fix: REDCap administrators and CDIS/CDP projects can experience failed background clinical data pull jobs when multiple scheduled queue or fetch jobs attempt to recover stalled clinical data pull work at the same time. (Ticket #279094)
- Bug fix: CDIS/CDP users reviewing source-system data in the adjudication modal can be unsure why “Fetch more results” appears when REDCap still has mapped FHIR resource types or additional EHR result pages to check.
- Bug fix: CDM users can see FHIR ID fields remain blank when importing Observation-based Data Mart data, such as labs, vital signs, social history, or core characteristics, into a project. (Ticket #278975)
- Bug fix: CDP users can see mapped Patient FHIR ID values missing from available adjudication data after fetching preview data for a mapped patient record. (Ticket #263947)
- Bug fix: CDIS administrators can be unable to save a newly added custom mapping in the CDIS settings Custom Mappings page when optional mapping details are left blank. (Ticket #278872)
- Bug fix: CDIS users can be unable to open the Break the Glass page when an institution's web server requires explicit page file names.
- Bug fix: In a MyCap-enabled project, upon editing MTB-supported PROMs tasks (without any changes), it asks for publishing configuration. Upon publishing the configuration, this task does not work in the MyCap app as expected.
- Bug fix: Project designers can see a survey's Auto Start option appear selected after saving it as unselected in the Online Designer's Survey Queue setup dialog when the Survey Queue is hidden from participants.
- Bug fix: PDF translations governed by MLM might give unintended results when the LANGUAGE-FORCE action tags are used anywhere in the project. (Ticket #279464)
- Bug fix: When data is being piped into Survey Queue custom text, Survey Instructions, Survey Completion Text, or certain survey-related emails, all HTML tags would mistakenly get stripped from the piped text. (Ticket #279377)
- Bug fix: If using the ":link" or ":inline" piping modifiers when piping a File Upload field from the same page, all HTML tags would mistakenly get stripped from the piped values. (Ticket #279549)
- Bug fix: Users are unable to upload data dictionaries or data CSV files that are Shift-JIS encoded because of an incorrect error message being displayed on the page during the upload process. (Ticket #279559)

Version 16.0.33 (released on 2026-05-29)

- Bug fix: Files containing an apostrophe in their file name that are uploaded to the File Repository might have certain things not work for them, such as the file "Share" option. (Ticket #278793)
- Bug fix: CDP users can experience a fatal error in the adjudication dialog when a mapped temporal reference field contains an incomplete timestamp, such as “2025-04-24 0”.
- Bug fix: CDIS users authorizing SMART on FHIR connections can see the authorization process fail with a cURL 60 certificate validation error when REDCap connects to external FHIR endpoints over HTTPS.
- Bug fix: Two missing LOINC codes were added to the CDIS mapping features.
- Bug fix: When using the optional feature that adds primary keys to all REDCap database tables that do not have an explicit primary key column already defined, External Module settings might fail to import when attempting to perform a module settings import.
- Bug fix: Fixed an issue where section break markers could still point to an old field name after a field was renamed, which caused any new field created above the section break to be the first field on the form, and Record ID field moved to the second position. With this fix, when a field name changes, all related section break references, if present, are updated automatically so that any new field creation stays in the correct location. (Ticket #279004)

Version 16.0.32 (released on 2026-05-21)

- Bug fix: When a user is piping a field that contains HTML tags in its data value, in which the field is being piped on the same page where the field itself is located, the piped value might appear on the page with all of its HTML stripped out when the initially page loads. Note: If the piped field is modified on the page, it would then restore all the HTML tags in the piped value. This fix ensures that HTML tags are not removed from the piped value when the page initially loads. (Ticket #278695)
- Bug fix: CDP projects with many records awaiting background review can experience delayed queueing or long-running database activity when the background process checks record eligibility. (Ticket #274282b)
- Bug fix: CDP users using instant adjudication on the Record Status Dashboard can see mismatched or stale pending counts when stored CDP counts differ from current cache, mapping, or record state.
- Bug fix: In some specific contexts, the :hideunderscore piping modifier was not working as expected. (Ticket #278743)



- Bug fix: In a MyCap-enabled longitudinal project (with large number of events enabled for multiple tasks), when using Form Display Logic on multiple instruments enabled for MyCap in multiple Form Display Logic (FDL) conditions, publishing a new MyCap version might mistakenly fail. (Ticket #277656)
- Bug fix: The form status icons in repeating instrument tables displayed on the Record Home Page and other places might not be vertically aligned correctly.

Version 16.0.31 (released on 2026-05-20)

- Major bug fix: If a user is importing data (via API, Data Import Tool, REDCap::saveData) for a form status field, in which the field's stored value is blank/null and the value being imported is also blank/null, the import process would mistakenly leave the form status field with a blank value. The form status field's value should default to "0" in the case that its imported value is blank and its current stored value is also blank. Note: This was partially fixed in the previous release, in which there were still some situations where it could occur and even return an import error in some cases. (Ticket #260194c)
- Major bug fix: When a user assigned to a Data Access Group is making a call to the "Export a Survey Access Code", "Export a Survey Queue Link", or "Export a Survey Return Code" API method, it would return the code/link even if the record does not belong to the API user's DAG. It should instead return an error in this case. (Ticket #277782b)
- Bug fix: When clicking the "Show suspended users" button on the User Rights page (if one or more suspended users exist in the project), the expiration date values in the Expiration table column might appear vertically misaligned. (Ticket #278536)
- Bug fix: In some rare scenarios when branching logic is triggered on a form or survey, an infinite mutual recursion error might occur, thus resulting in the "Branching Logic errors exist" error dialog appearing on the page.
- Bug fix: When renaming the unique form name of an instrument via the Online Designer, it might mistakenly allow one to add capital letters to the form name, which is not allowed. This could cause the instrument to no longer be accessible on a data entry form or in the Online Designer. (Ticket #278528)
- Bug fix: The file ExternalModules/composer.json was mistakenly being removed from the resulting REDCap release zip files. That composer.json file is required in order to perform local External Module scanning. The file is now no longer excluded from the release zip files. (Ticket #278620)

Version 16.0.30 (released on 2026-05-14)



- Major bug fix: Some survey pages might fail unexpectedly with a fatal PHP error.
- Major bug fix: If a user is importing data (via API, Data Import Tool, REDCap::saveData) for a form status field, in which the field's stored value is blank/null and the value being imported is also blank/null, the import process would mistakenly leave the form status field with a blank value. The form status field's value should default to "0" in the case that its imported value is blank and its current stored value is also blank. (Ticket #260194b)
- Bug fix: In projects with more than 5000 records, the record and DAG drop-downs would not be visible on the Data Quality page. (Ticket #278349)

Version 16.0.29 (released on 2026-05-13)

- Minor security fix: In several places where a user can download a CSV file (e.g., Email Users page), it might be possible for a malicious user to perform CSV injection in a CSV file that is downloaded and opened in Microsoft Excel by another user, in which dangerous code could be injected and executed unknowingly by the user on their computer.
- Bug fix: CDP users reviewing adjudication results can see source values omitted from the adjudication modal when a mapped field uses a broad date range and the foreground FHIR search returns more than five pages of source-system results.
- Bug fix: When using the HIDECHOICE action tag on a multiple choice field on a public survey, any hidden choices would be made visible if the value of the field was prepopulated via the survey URL prefill method.
- Bug fix: CDP and Clinical Data Mart users can experience failed FHIR fetches when an EHR returns an absolute next-page link whose URL casing differs from the configured FHIR base URL. (Ticket #276055)
- Bug fix: On multi-page surveys under specific circumstances (e.g., clicking the Previous Page button), all "writing" action tags (DEFAULT, SETVALUE, USERNAME, etc),, might behave in undesired ways.
- Bug fix: CSV uploads of various types (e.g., Data Dictionaries, CSV data via Data Import Tool, User Rights import files) would mistakenly allow some files to be imported when the file's encoding was not correct, such as if the CSV file contains UTF-8 data but the file was not saved as a UTF-8 CSV file. This would cause some imported data to be truncated or not processed correctly when saved. (Ticket #277294)
- Bug fix: If an admin is on the API or API Playground page in a project in which they themselves are not a project user, the "Create API token now" would be displayed and would be clickable, thus giving the false impression that clicking it would create an API token. However, it would not. Going forward, if the admin is not a project user, the button will be

disabled with a note displayed to the right saying that they must first be a project user before they can create an API token in that project. (Ticket #278233)

- Bug fix: Custom DDP users can see an empty adjudication modal when reviewing fields backed only by Custom DDP source data, even when matching source rows are available. (Ticket #275035d)
- Bug fix: CDP users can see repeated, unclear, or secondary technical errors in the adjudication modal when a foreground FHIR fetch has no eligible access token or fails before source data is returned.
- Bug fix: Users with "External Modules API" rights in a project would see the API and API Playground pages visible on the left-hand project menu, even if they did not have "API Export" or "API Import" rights. (Ticket #278277)
- Bug fix: When an admin uses the Auto-fill form/survey feature, text fields that have a field validation type that is not one of the validation types initially enabled when in REDCap is installed would get filled with a random value that might mistakenly fail the validation. Going forward, regardless of the validation type, the Auto-fill feature should fill each text field with a value that will pass the field's validation check. (Ticket #278202)
- Bug fix: When attempting to disable the Survey Login feature in the Online Designer after it has been enabled, it mistakenly would return an error if no login fields are selected in the Survey Login setup dialog. It will now allow you to disable Survey Login without having to have any login fields selected. (Ticket #275668)

Version 16.0.28 (released on 2026-05-07)

- Medium security fix: A JavaScript Injection Sinks vulnerability was found in several JavaScript files that could allow a malicious user to inject dangerous code directly into the client-side JavaScript. These can only be exploited by authenticated users.
- Major bug fix: CDIS projects using CDP background fetches can experience repeated background job crashes when large fetch histories or stale fetch states cause server memory exhaustion.
- Major bug fix: When a user assigned to a Data Access Group is making a call to the "Export a Survey Link" API method, it would return the survey link even if the record does not belong to the API user's DAG. It should instead return an error in this case. (Ticket #277782)
- Major bug fix: When a survey that has the e-Consent Framework enabled also has the option enabled to prevent users from editing e-Consent responses, if a user is on the data entry form at the same time that a respondent is consenting that instrument as a survey, then the user could mistakenly overwrite the respondent's survey results and nullify their consent if

the user submits the page after the respondent does. Important note: This issue only occurs when the user on the data entry form triggers the "Some fields are required" error when they submit the form while leaving some required fields without a value. (Ticket #277758)

- Bug fix: When Missing Data Codes were used together with branched checkbox fields, a branching logic error message was mistakenly shown. (Ticket #277420b)
- Bug fix: When viewing the "Conversation Members and Admins" box for a Messenger conversation while inside a project, the left-hand project menu would mistakenly cover over that box.
- Bug fix: Using escaped quotes or apostrophes inside a quoted text string in REDCap logic might return a syntax error and thus might prevent the logic from functioning correctly in certain contexts, such as when trying to edit a CALCTEXT field's logic. (Ticket #277868)
- Bug fix: CDP/DDP users viewing a data entry form can be missing the visual mapped-field indicator when a field on that form is mapped to source data. (Ticket #275035c)
- Bug fix: If the participant delivery preference in a Twilio/Mosio enabled project is mapped to a multiple choice field, in which the delivery preference field gets hidden by branching logic on a data entry form or survey page, the participant's delivery preference would mistakenly be erased. (Ticket #277726)
- Bug fix: When a user is re-triggering a PDF snapshot via the dialog on a data entry form, the re-triggering would fail if the record name of the record contains a space. (Ticket #277894)
- Bug fix: When using certain iOS devices on a survey page, a JavaScript error might occur that causes parts of the survey page not to function. (Ticket #277378)
- Bug fix: In certain cases when an External Module calls the redcap_module_randomize_record hook, a fatal PHP error could occur.
- Bug fix: When a record's Survey Queue is displaying multiple instances of a repeating survey, under certain conditions a survey that has Complete status might initially appear in the queue as not completed, but if the queue is viewed immediately afterward, that survey then appears with a Complete status. (Ticket #277806)
- Bug fix: CDP users can see inflated or inconsistent new-item counts for FHIR CDP records on the Record Status Dashboard, record home page, adjudication modal, and SMART launch project list when multiple open source rows represent fewer reviewable adjudication items.

Version 16.0.27 (released on 2026-05-01)

- Major bug fix: In very specific cases, some surveys and data entry forms might mistakenly display a branching logic error popup when no real branching logic issues exist. And in some cases, fields that should be hidden by branching logic were not hidden.

Version 16.0.26 (released on 2026-04-30)

- Major bug fix: When creating a project using a Project XML file that contains User Roles, the roles would fail to be created in the new project. Bug emerged in the previous version.
- Bug fix: If upgrading to 16.0.23 or higher, the REDCap upgrade page would say that the REDCap instance would need to be taken offline in order to perform the upgrade, which was incorrect. (Ticket #277309)
- Bug fix: On the User Rights page when Access Control Groups are enabled, assigning a user to a role failed to display noncompliant rights in the alert popup despite the smart variable being included. This has been fixed so the custom ACG alert message correctly shows noncompliant rights.
- Bug fix: When MLM is active, some piping on a survey completion page might not work correctly. This occurred only when the completion page was shown immediately after accessing a survey with a survey access code. (Ticket #273391)
- Bug fix: CDP users can experience a Record Status Dashboard page that never finishes loading when a project uses FHIR mappings that trigger repeated Patient lookups during page load.
- Bug fix: CDP projects can accumulate duplicate cached Patient lookup records when the same MRN is resolved repeatedly for the same EHR connection.
- Bug fix: CDP users can experience long-running or failed FHIR fetches when an EHR returns repeated pagination links.
- Bug fix: CDP users can experience repeated automatic fetch attempts when a prior Patient or FHIR lookup completed without storing cacheable source data.
- Bug fix: CDP users can experience a pending or timed-out instant adjudication request when opening the Record Status Dashboard for records with cached CDP data.
- Bug fix: CDP users can see instant adjudication progress bars stop below 100% when skipped values are included in the run.
- Bug fix: CDP users can see Vue console warnings when the instant adjudication mini-app renders dashboard help and detail modals.

- Bug fix: When a user clicks the "Send test email" link when composing an ASI email, it would simply display "ERROR" if the ASI's "From" email address does not belong to the current user but belongs to another user in the project. It now gives a more informative error message to let the user know that the "Send test email" feature does not allow users to send emails from an email address that do not belong to their own user account. (Ticket #274363)
- Bug fix: CDIS administrators uploading custom mapping CSV files can have text values such as FALSE treated as enabled settings when configuring custom source fields.
- Bug fix: CDIS users reviewing temporal custom lab mappings can see matching lab results fail to appear for review when the source result date is only available in a fallback date field.
- Bug fix: CDP users reviewing temporal custom lab mappings can see a new-item count with no reviewable value when the source lab result has no usable result date.
- Bug fix: CDM users importing custom lab mappings can have lab results omitted or matched inconsistently when the source result date is only available in a fallback date field. (Ticket #275786)
- Bug fix: When Missing Data Codes were used together with branched checkbox fields, a branching logic error message was mistakenly shown. (Ticket #277420)
- Bug fix: When an admin is using the Auto-fill feature on a data entry form, a field validation error might get triggered and might cause the user to get stuck between the validation error dialog and the "Erase the values of fields to be hidden" dialog (i.e., triggered by branching logic) because both are displayed simultaneously. (Ticket #277289)
- Bug fix: Project administrators editing user rights would not see a note explaining how the "Adjudicate Data" privilege affects view/edit privileges for EHR or external source data.
- Bug fix: CDP users adjudicating data could save selections from forms hidden in the adjudication modal when hidden rows retained checked values. (Ticket #275035b)
- Bug fix: If admins were able to perform an Easy Upgrade from v15 to v16 and mistakenly bypass the Unicode Transformation process (due to a bug that has recently been fixed), they would get stuck on the upgrade page when attempting a traditional upgrade to a subsequent version. (Ticket #277500)
- Bug fix: The Survey Settings page refers to the "e-Consent and PDF Snapshots" page, which no longer exists as a single page anymore. The references have been removed. (Ticket #263412)
- Bug fix: Resolved an issue where usernames with capital letters caused group names to be missing in Access Control Groups reports.

- Bug fix: When a user is piping fields that contain certain HTML tags in their data value, in which the field is being piped on the same page where the field itself is located, the piped values might appear duplicated on the page. (Ticket #276012)
- Bug fix: When importing data in a project, in which the Record Limit for Development Projects setting is set, REDCap would mistakenly prevent the import when only existing records are being modified during the import process (i.e., no new records are being added) if the project has already reached the record limit. (Ticket #277213)

Version 16.0.25 (released on 2026-04-23)

- Major security fix: A Reflected XSS (Cross-site Scripting) vulnerability was discovered on the Online Designer field-view page, in which a malicious user could potentially exploit it by inserting custom HTML and JavaScript in a specially crafted way. This can be exploited only by authenticated users with Project Design rights. Bug exists in REDCap 6.0.0 and higher.
- Major security fix: A Reflected XSS (Cross-site Scripting) vulnerability was discovered on the Survey Settings page, in which a malicious user could potentially exploit it by inserting custom HTML and JavaScript in a specially crafted way. This can be exploited only by authenticated users with Survey Distribution Tools rights. Bug exists in all versions of REDCap.
- Major security fix: A Reflected XSS (Cross-site Scripting) vulnerability was discovered on a MyCap settings related page, in which a malicious user could potentially exploit it by inserting custom HTML and JavaScript in a specially crafted way. This can be exploited only by authenticated users with Manage MyCap Participants rights in projects where MyCap is enabled. Bug exists in REDCap 13.0.0 and higher.
- Medium security fix: The Undercore.js third-party library was updated to the latest version due to vulnerabilities in older versions of the library.
- Minor security fix: If Two-Factor Authentication is enabled in REDCap, the 2FA Trust Cookies being used might mistakenly not have their "secure" and "httponly" cookie flags set in certain situations.
- Minor security fix: If the Survey Login feature is enabled in a project, the cookies used to store the survey login session for the participant might mistakenly not have their "secure" and "httponly" cookie flags set in certain situations.
- Major bug fix: Using the Easy Upgrade feature would mistakenly allow admins to bypass the Unicode Transformation process that is required in some cases. Unfortunately, this cannot be fixed in the version in which someone is upgrading from, but if someone mistakenly upgraded to 16.0.0 or higher without doing the Unicode Transformation, the page ControlCenter/fixdb.php has now been restored and is accessible via the Configuration

Check page in order to allow admins to complete the Unicode Transformation after the fact. (Ticket #276631)

- Bug fix: If a project has a public survey with the "Save & Return Later" feature enabled, in which records are created via data entry form rather than via the public survey, if a survey participant attempts to use their return code using the public survey link (rather than their unique survey link associated with their record), an error message would be displayed saying that the return code is not correct. (Ticket #276841)
- Bug fix: In a MyCap-enabled project, when setting up invalid logic for "Participant Display Logic" on the "MyCap Participant Management" page, it mistakenly causes the page to crash with a fatal error, thus not displaying the participants listing page. In this situation, REDCap will now display the error icon near a "Participant Display Logic" button on the page so that an user will be notified of this issue and fix it.
- Bug fix: CDIS users can experience adjudication save failures in the adjudication modal when they click Save in a CDP or DDP project while viewing a form that contains validated date or datetime fields displayed in the project's date format. (Tickets #276020, #276623)
- Bug fix: When performing randomization with radio button strata fields, clicking the radio input element of the field in the randomization dialog on a data entry form would mistakenly not change the value/selection of the strata field value of the underlying version of that same field on the form that is displayed underneath the randomization dialog. Additionally, if the strata field is a drop-down field, changing the value of the field in the randomization dialog would mistakenly not change the value of the field's counterpart underneath the dialog. (Ticket #276060b)
- Bug fix: CDIS users can see a pending field on the Record Status Dashboard and in the instant adjudication summary, but that same field can be skipped when auto-adjudication is run for the record and the destination field is blank. (Ticket #276241)
- Bug fix: CDIS users can have later pending fields remain unprocessed during background auto-adjudication in large projects when a queue spans multiple runs and restarted jobs keep revisiting earlier pending fields.
- Bug fix: When a user selects a named Data Access Group and then chooses "--ALL--" in the "Displaying Data Access Group" drop-down on the Record Status Dashboard, the page can continue displaying records from the previously selected DAG instead of all accessible records. (Tickets #277115, #276906)
- Bug fix: When users explicitly clear a saved dashboard selector choice on the Record Status Dashboard, the page can continue falling back to the previously saved selection instead of honoring the reset action.



- Bug fix: When the REDCap server is reporting Mobile Toolbox related stats for MyCap to the consortium/Vanderbilt, some stats might be sent as blank values due to some MySQL/MariaDB version incompatibilities with a SQL query.
- Bug fix: When viewing the data entry page of a repeating instrument but not viewing instance 1, the left-hand menu might mistakenly not display the correct form status icon for non-repeating surveys that have been partially completed. It would display a red status icon rather than an orange checkbox icon. (Ticket #276673)
- Bug fix: When a project is created via a Project XML file, in which user roles are being created from the XML file but some instruments are somehow not listed in the data viewing or data export rights for a given role in the XML file, the instrument would stay missing in the role's privileges on the User Rights page after the project was created. (Ticket #200514b)
- Bug fix: When importing data in a project, in which the Record Limit for Development Projects setting is set, REDCap would mistakenly count existing records when determining if the record limit would be exceeded during the data import process, and thus would prevent the import from taking place. (Ticket #277213)
- Bug fix: Although the "redcap_log_view_old" database table is no longer used, in certain cases it might mistakenly cause a Control Center warning about database structure issues to be displayed.

Version 16.0.24(released on 2026-04-17)

- Major bug fix: An issue with an upgrade SQL script might cause the upgrade process to fail. Bug emerged in the previous version.

Version 16.0.23 (released on 2026-04-16)

- Major bug fix: If using Access Control Groups, a user uploading a Data Dictionary might experience a fatal PHP error and not be allowed to complete the process. (Ticket #276506)
- Major bug fix: When performing randomization with strata fields, clicking the radio choice label for strata fields in the randomization dialog on a data entry form would mistakenly not change the value/selection of the strata field inside the dialog (whereas clicking the radio button element itself would change the value/selection as expected), and additionally, clicking the choice label in the dialog would change the value of the underlying version of that same field on the form that is displayed underneath the randomization dialog. Thus, the field selection in the dialog might not match up with the same field under the dialog. This behavior could lead to confusion about which strata field values have been selected while performing manual randomization. (Ticket #276060)



- Bug fix: Certain characters, such as French quotation marks, is user-defined text would mistakenly get replaced with other characters unexpectedly, which might cause issues in some cases. (Ticket #276297)
- Bug fix: Users were mistakenly allowed to inject JavaScript into the equations of calc fields and CALCTEXT fields when uploading a data dictionary. Only administrators should be allowed to do so.
- Bug fix: When a new instrument was created in production with Default Instrument-level Data Viewing and Data Export Rights set to “No Access,” some users still received “View/Edit” access depending on their Access Control Group Data Viewing permission level. This issue has now been fixed to ensure permissions are applied correctly.
- Bug fix: On the ACG reports tab in the Control Center, some optional modules that were not enabled for some projects are listed as non-compliant for those projects. This fix ensures that optional modules are not listed as non-compliant on the ACG reports tab when they are disabled in the corresponding projects.
- Bug fix: In longitudinal projects using the Survey Queue, in which a repeating survey is supposed to be displayed in the survey queue based upon the survey completion status of a survey in another event, the survey queue page might mistakenly not display all the completed instances of the repeating survey but only the first instance.
- Bug fix: If a user is viewing a data entry form that has cascading branching logic, in which some fields have branching logic based on other fields being displayed that also have branching logic, if the data for some fields is modified and thus triggers other fields with data to be hidden (due to their branching logic), there were cases where clicking the "Erase" button in the "Erase values?" dialog might not trigger downstream fields to be included in the Erase/Keep All decision, thus causing some fields and their values to remain visible on the form with no prompt to ask the user if they want to erase those field values. (Ticket #275941)
- Bug fix: In projects with many Data Access Groups, the controls at the top of the Data Quality Rules table might mistakenly be flushed to the far right-side of the table, thus requiring horizontal scrolling in order to see them. (Ticket #276461)
- Bug fix: If a calc or CALCTEXT field contains the word "AND" or "OR" (in all caps) inside quoted text, an unexpected value might be returned for the field from server-side calculation methods. (Ticket #275991)
- Bug fix: In a MyCap-enabled project, the MyCap Participant List now contains an "App Version" column that denotes the app version that the participant accessed for the project in the MyCap app. Note: This is considered a bug fix because it helps aid in handling complications caused by a recent security fix in the MyCap app.



- Bug fix: When using the Data Resolution Workflow and the project-level setting "Hide closed/verified data queries from Data Quality results" is not checked, some closed or verified data queries might still be excluded in the DQ results. (Ticket #275977)
- Bug fix: If using NGINX as your web server, the configuration code suggested in the Control Center to make the "temp" directory not accessible via the web was not correct.
- Bug fix: When using the Data Resolution Workflow in a project where a user is exporting the results of a Data Quality rule, the "result-is-excluded" column in the exported CSV file would mistakenly not say "Yes" or "No" as expected based on if the individual result had been excluded (this is regardless of whether the "Hide closed/verified data queries" setting is enabled or not in the project). (Ticket #275977b)
- Bug fix: If Double Data Entry is enabled in a project, in which DDE user 1 or 2 attempts to rename a record via the Record Home Page, it would display a confusing error message, and the user would not be allowed to rename the record. (Ticket #276767)

Version 16.0.22 (released on 2026-04-09)

- Major security fix: An SQL Injection vulnerability was found on a couple MyCap-related pages, in which a malicious user could potentially exploit it and execute arbitrary SQL commands on the database by manipulating an HTTP request in a specially-crafted way. This can only be exploited by authenticated users that have Project Design privileges in a MyCap-enabled project. Bug exists in REDCap 13.0.0 and higher.
- Major security fix: A Stored XSS (Cross-site Scripting) vulnerability was discovered on some MyCap-related pages, in which a malicious user could potentially exploit it by inserting custom HTML and JavaScript in a specially crafted way. This can only be exploited by authenticated users that have "Manage MyCap Participants" user privileges in a MyCap-enabled project. Bug exists in REDCap 13.0.0 and higher.
- Bug fix: When executing rule A through I on the Data Quality page and then clicking "exclude" or "remove exclusion" in the dialog of results, it would mistakenly display the "woops!" error and would not allow the user to exclude the result or remove the exclusion.
- Bug fix: When Edit Mode is enabled on the Access Control Groups “Users Assignments” table, drop-downs only render on the first page and disappear on paginated pages while the button remains active, and exiting Edit Mode resets the table to page 1. This fix preserves drop-downs across pagination and maintains the current page on exit.
- Bug fix: If the Logging page is filtered by "Page Views", the list of events in the table might not be displayed in reverse chronological order. (Ticket #275452)



- Bug fix: In certain rare occasions while being in Draft Preview Mode, the Record Status Dashboard or other pages might mistakenly crash with a fatal PHP error. (Ticket #275970)
- Bug Fix: Access Control Groups reports failed to load when usernames contained apostrophes. This update ensures compatibility with authentication methods (e.g., LDAP + Table-based) that allow such usernames, preventing rendering errors. (Ticket #275234)
- Bug fix: In MyCap-enabled projects, a fatal PHP error might occur for specific servers (i.e., when GD Library version 2 or higher is not installed in PHP) when loading the "Invite Participant" dialog on the MyCap Participant Page.
- Bug fix: Resolved an inconsistency when using the smart variables [user-acg-noncompliant-rights] and [acg-noncompliance-table] in ACG emails for users lacking the User Rights privilege, where one triggered a send error and the other produced an error message in the email. Both variables are now handled consistently for such users. (Ticket #275131)
- Bug fix: CDIS users can encounter PHP warning output when opening the adjudication modal if a temporal mapping still references a REDCap date field that has been removed from the project.
- Bug fix: CDIS users can encounter an invalid date format save error in the adjudication modal when a mapped temporal reference field uses an M-D-Y or D-M-Y date/datetime format on the data entry form and the adjudication save reuses that displayed value. (Ticket #275995 and #276020)
- Bug fix: CDIS users can encounter a fatal save error in the adjudication modal when an external coded value is not a valid choice for the destination REDCap multiple-choice field.
- Bug fix: CDIS users can see blank cached multiple-choice values displayed as malformed coded text in the adjudication modal when the source value is empty.
- Bug fix: CDIS users can see blank-value adjudication items reopen after save when a blank cached value is selected for a REDCap field that already contains data. (Ticket #275974)
- Bug fix: CDIS users running instant adjudication from the Record Status Dashboard can see the pagination in the instant adjudication panel not match the pagination in the Record Status Dashboard. (Ticket #275974)
- Bug fix: CDIS users running instant adjudication from the Record Status Dashboard can see the adjudication panel summarize and process a different field-group scope than the records currently visible in the dashboard, causing the panel counts to diverge from the CDP counts shown in the Record Status Dashboard. (Ticket #275974)
- Bug fix: CDIS users scheduling background instant adjudication or DataMart fetches can misunderstand the completion notification wording as email delivery, so the UI now explicitly refers to secure CDIS messages and explains where to find them. (Ticket #275974)



- Bug fix: CDIS users reviewing source data can mistake the adjudication modal for a history view when the modal wording does not make clear that it shows the current items requiring review rather than previously adjudicated or excluded values. (Ticket #275974)
- Bug fix: When a user is creating a new project via a Project Template or by copying an existing project with users but not copying the project users, in which the "From" address for any Alerts, ASIs, or Survey Confirmation Emails does not belong to current user, that "From" address should have been automatically set to the current user's primary email address when the project is created, but it was not. (Ticket #273177b)
- Bug fix: Certain REDCap endpoints in older version directories were not redirecting properly to the current REDCap version if a user navigated to them while the old version directory still existed on the REDCap web server. It now should redirect and work properly. (Ticket #276029)
- Bug fix: Certain alert configurations would display some red warning text in the "Create new Alert" dialog when a user has chosen certain trigger settings in Step 1 that are not advised. However, that same red warning text would mistakenly not get redisplayed if the alert was opened again later to be edited. It now displays the warning text in both cases now to ensure that the user always sees it. (Ticket #276232)
- Bug fix: When viewing the list of all records to choose from on the Bulk Record Delete page, in which the Custom Record Label is being used, the CRL text might mistakenly overlap itself in the record list, thus making the record names impossible to read. (Ticket #276145)
- Bug fix: The redcap_email hook mistakenly would not fire for EMs on any email sent from a cron job. (Ticket #276229)
- Bug fix: An issue was identified where custom ACG alert messages and email content were not consistently handled based on whether recipients had the required User Rights privileges. This has now been fixed to ensure that both on-screen alerts and email messages are displayed appropriately according to each user’s permissions.

Version 16.0.21 (released on 2026-04-01)

- Bug fix: CDIS users can see validation errors on open data entry forms after manually adjudicating date and datetime fields in the CDP/DDP modal, even though the selected value is saved successfully. (Ticket #275552b)
- Bug fix: If the FORCE-MINMAX action tag is used on the Secondary Unique Field, in which a user enters an out-of-range value and then (while the cursor is still in the SUF text box) immediately clicks on the Save button, the FORCE-MINMAX requirement would be bypassed, thus mistakenly allowing the out-of-range value to be saved. (Ticket #274980)

- Bug fix: On the MyCap Configuration Check page, Test 2 (Check TLS 1.2 Support.) and Test 3 (Check communication with MyCap Central) might mistakenly show warnings when a proxy is being used on the REDCap web server. (Ticket #206097)
- Bug fix: Uploading files of any type into a thread in REDCap Messenger would mistakenly fail and never stop saying "Upload in progress". (Ticket #275219b)

Version 16.0.20 (released on 2026-03-27)

- Major bug fix: If Access Control Groups are enabled, non-admin users would mistakenly not be able to access any projects because each page would fail with a fatal PHP error.
- Bug fix: When using MLM and piping into the "Embed media" box of a descriptive field while other piping existed on the form/survey, that piping was not resolved correctly. (Ticket #275613)
- Bug Fix: The ACG users assignment table was not properly getting refreshed upon updating users' groups using the CSV import feature, thus forcing the users to have to manually refresh the page to see the changes. This fix ensures that the ACG users assignment table automatically refreshes upon successful CSV import.
- Bug fix: In certain situations, the correct survey url was not shown in some survey-related error messages.

Version 16.0.19 (released on 2026-03-26)

- Minor security fix: An access control vulnerability (i.e., participant impersonation via shared signing key) was discovered in the MyCap backend API where a malicious user could potentially exploit it by manipulating an HTTP request in a specially crafted way that would allow them to send data as or read data from another MyCap participant. This vulnerability exists in REDCap 13.0.0 and higher, and it can only be exploited if MyCap is enabled globally and also in a specific project. Note: This vulnerability is extremely difficult to exploit, as it would require someone to intercept encrypted HTTP traffic between the MyCap app and the REDCap server (e.g., a "Man in the Middle" attack) or by having direct access to data stored on the participant's mobile device. Additionally, a notice has been added to the MyCap Participant Management page to alert project users that all participants must be using MyCap app v2.6.4 by June 26, 2026. The message includes an "Acknowledge and Close" button.
- Bug fix: Reports failed to load for Access Control Groups (ACG) whenever there was at least one user added to a project using an external authentication method (i.e. NOT table-based). This fix ensures that ACG reports are always loaded even in the presence of externally-authenticated users which are ignored during reports generation. (Ticket #275027)



- Bug fix: CDP projects can experience background fetch failures when queued pulls run in cron without an active user context, which can block automatic data retrieval. (Ticket #273244)
- Bug fix: CDP administrators can receive generic retry errors when no eligible access token is available for a queued background pull, which can obscure the cause of the failure.
- Bug fix: CDP administrators troubleshooting queued background pull failures can lack enough detail to tell whether the failure occurred during patient lookup or later category retrieval.
- Bug fix: CDP background processing can temporarily show a record as Not Queued in the CDP dashboard while category-level work remains runnable, which can misrepresent the true queue state on the dashboard.
- Bug fix: The correct survey url was not shown in some survey-related error messages. (Ticket #275225)
- Bug fix: There were some minor UI inconsistencies for the Data Resolution Workflow settings in the Additional Customizations popup on the Project Setup page. (Ticket #275205)
- Bug fix: Some specific audio files being used for inline audio on Descriptive fields might not play correctly on mobile devices.
- Bug fix: In certain cases, when using Multi-Language Management, the overrides of user interface translations would fail to save for subscribed languages where that language was the system's base language and thus may not actually have contained any stored strings.
- Bug fix: When creating a project with a Project XML file, in which some field variable names contain double-underscores, it could prevent the project from being created in some specific cases.
- Bug fix: In very rare situations when an autocomplete drop-down field is embedded on a form/survey, clicking anywhere on or inside the field would cause the "Save your changes?" prompt to be immediately displayed on the page.
- Bug fix: CDP/DDP users can see raw custom event label templates such as [vis_dte] in the Active event and Enabled events controls on the forms-based mapping page, where record-level event labels are not available.
- Bug fix: CDP/DDP users reviewing source data in longitudinal projects with repeating events can see blank REDCap Date/Time values and have adjudicated values saved to the wrong event instance in the adjudication workflow. (Ticket #275035)
- Bug fix: Slight correction in the instructional text on the project Multi-Language Management setup page when using the AI-based auto-translate tool.

- Bug fix: If a user opens a survey from a data entry form on a given record and completes the survey in the other tab, then they return to the data entry form (which is still empty) and they ignore the warning message about leaving the page, then they click the Save button, this will overwrite the survey response with blank values (which is expected and is why the warning exists), but the Form Status field might end up in a confusing state where the logging does not match the actual data value. This has been fixed so that when REDCap autocorrects the Form Status value to maintain the response as a completed response, it will also add that to the logging to maintain consistency of the data with the audit trail. (Ticket #275342)
- Bug fix: If the real-time execution setting is enabled for a Data Quality rule, in which a user triggers the rule when saving a data entry form and then clicks the "exclude" link for a rule that was violated, it would result in an error if the user did not have "Data Quality - Execute rules" privileges. The user should be allowed to click the "exclude" link if they have "Execute rules" privileges or if they have form-level data viewing privileges to at least one field referenced in the Data Quality rule's logic. Bug emerged in REDCap 16.0.13 LTS and 16.1.1 Standard.
- Bug fix: The function dayoftheweek() would not return the correct result on forms/surveys when using a DMY-formatted date field in the function in a longitudinal project with repeating instruments/events. Bug emerged in REDCap 15.8.0. (Ticket #275142)
- Bug fix: In a MyCap-enabled project, MyCap participants would mistakenly still be able to access a project and complete tasks in their MyCap app, resulting in sync issues even if a record is deleted from the project.
- Bug fix: Users would be unable to disable the MyCap setting "Additional Setting: Prevent participants from switching languages in MyCap" for projects having MTB tasks in English and Spanish, in which both languages are enabled both on the MLM page.
- Bug fix: If a user/participant uploads a file to a File Upload field, in which the file's extension or MIME type matches a forbidden type listed in the "Restricted file types for uploaded files" setting in the Control Center, the page would correctly display an error message, but file upload dialog would mistakenly appear as if the file is still uploading, even though it failed. (Ticket #275219)
- Bug fix: When viewing the list of discrepancies for a Data Quality rule, in which it returns more than 10K results, the Export button in the dialog might be partially obscured. (Ticket #275438)
- Bug fix: When viewing the API Tokens page in the Control Center, the "Suspended" badge displayed next to suspended users in the "Manage API tokens by Project" table after selecting the "All existing tokens (by project)" option might appear truncated and partially concealed in the table. (Ticket #275224)



- Bug fix: For MyCap-enabled projects, the [survey-link] smart variable used with an [X-instance] smart variable (e.g., [survey-link:survey_1][new-instance]) mistakenly failed to resolve in the field label for fields in MyCap tasks to appear as hyperlinks in the MyCap app.
- Bug fix: On the "MyCap Configuration Check" page in the Control Center, the participant selection drop-down for the selected MyCap-enabled project would mistakenly not be ordered by record name when displaying the record list.
- Bug fix: When copying an alert on the Alerts & Notifications page, the "success" message displayed after performing the action would be displayed in the wrong location on the page.
- Bug fix: In a MyCap-enabled project, when using Form Display Logic on an instrument enabled for MyCap in multiple Form Display Logic (FDL) conditions, FDL is no longer functional for that MyCap task in the MyCap app. (Ticket #275007)
- Bug fix: When exporting a PDF of an instrument where a field is piped into a label in that instrument, in certain cases the piped field would be omitted (i.e., not piped) from the PDF when it should be piped or the field might be piped when it should not be (based on the user's data export privileges regarding the instrument on which the piped field is located). (Ticket #274369)
- Bug fix: In projects where the Access Control Groups (ACGs) feature is enabled, adding a new instrument to the project caused some users to become non-compliant as the default Data Viewing and Data Export rights applied to the new instrument exceeded the maximum allowable rights per the ACG of each of the users. This fix ensures that in ACG-enabled projects, the Data Viewing and Data Export rights set upon new instrument creation never exceed the levels set in the ACG for each of the users in the project. (Ticket #274924)
- Bug fix: CDIS users can experience different import results in the adjudication workflow when they run automatic or instant adjudication instead of manually reviewing the same field, especially when multiple source values are available or when specific date formats are used. (Ticket #275552)
- Bug fix: CDIS users can have values imported or closed unexpectedly in the adjudication workflow when a candidate value is already the same as the current REDCap value, does not meet field requirements, falls outside the allowed range, or belongs to a locked form.
- Bug fix: CDIS users can see duplicate "new items from source system" panels on the Record Home page when they open the adjudication dialog from the View button multiple times.
- Bug fix: CDIS users can see different "new items from source system" counts between the adjudication dialog, Record Home page, and Record Status Dashboard when records include repeating instances or hidden existing values.

- Bug fix: If a data entry form has an auto-complete drop-down field, the page would always display the "Save your changes" prompt when the user attempts to leave the page, even if no data had been modified on the form. Bug emerged in the previous version.
- Bug fix: When the Record Limit for Development Projects setting is enabled, participants taking a multi-page public survey would be stopped prematurely on the second page of the survey if the record that they created via the first page of the survey met (but did not exceed) the record limit. Instead, it should allow the participant to complete the survey without any error message.

Version 16.0.18 (released on 2026-03-19)

- Major bug fix: After renaming records, some functionality related to PDF Snapshots would fail to work. (Ticket #274527)
- Major bug fix: If a user with User Rights privileges is assigned to a Data Access Group in a project and they attempt to modify a user's privileges on the User Rights page, in which the user is also in their DAG and is not in a User Role, simply modifying the user's privileges in any way would mistakenly cause that user being modified to no longer be assigned to any DAG. (Ticket #274917)
- Bug fix: When viewing certain pages that utilize the Rapid Retrieval caching mechanism (e.g., Record Status Dashboard, reports), if the RR's cache was stored when REDCap was on a previous version, in which that previous REDCap version directory has been removed from the web server, there are some edge cases where some images or hyperlinks in the cached content might lead to a 404 "does not exist" error.
- Bug fix: For a descriptive popup link embedded inside an enhanced choice checkbox, clicking on the link appears to select the checkbox when in fact it hasn't been selected. This fix ensures that clicking on a descriptive popup link inside an enhanced choice checkbox actually selects the checkbox; this fix also ensures that the converse operates correctly (i.e. when the enhanced choice checkbox is selected, clicking on the descriptive popup link within it would actually truly deselect the checkbox). (Ticket #273347)
- Bug fix: CDP users can experience unusually long loading times when opening the Record Status Dashboard, record details, or the adjudication modal for records with larger or more complex imported data, delaying review and adjudication workflows. (Ticket #274282)
- Bug fix: When a user is attempting to manually retrigger an eConsent-governed PDF Snapshot while on a data entry form in a longitudinal project, the "Re-trigger" button in the dialog would mistakenly be disabled in some cases if the eConsent survey has been designated for multiple events. (Ticket #274292)

- Bug fix: On the Project Revision History page, when a user is attempting to compare a production revision to a data dictionary snapshot or when comparing two snapshots to each other, the resulting dialog would display a confusing message and would not display the comparison table. Bug emerged in REDCap 16.0.15 LTS and 16.1.4 Standard.
- Bug fix: The REDCap Messenger "Archive" and "Search" dialogs would be obscured by the left-hand project menu. (Ticket #271792)
- Bug fix: When using the "Add Standardized Field (CDE)" feature in the Online Designer to search for fields, it might mistakenly show the result count as "0" even if the search result is non-empty.
- Bug fix: If the SAVE-PROMPT-EXEMPT action tag is used for an auto-complete drop-down field, in which a user selects a choice by typing the whole choice label and then tabbing out (rather than selecting a choice via clicking from the auto-complete drop-down list), the page would mistakenly display the "Save your changes" prompt when the user attempts to leave the page. (Ticket #274734)
- Bug fix: In some edge cases with production projects, if a user attempts to move a project into Draft Mode, it would mistakenly fail to enter Draft Mode. (Ticket #274649)
- Bug fix: Clicking the "Survey Settings" button/drop-down in the Online Designer would mistakenly trigger the green circle with white checkmark icon to appear on the "Survey Queue" button/drop-down. (Ticket #275023)
- Bug fix: The REDCap Shared Instrument Library's informational dialog in the Online Designer has slightly out of date text. (Ticket #275065)
- Bug fix: When embedding a descriptive field with the :icons modifier, parts of the form itself instead of the field would mistakenly get embedded. Bug emerged in REDCap 16.0.16 LTS and 16.1.5 Standard. (Ticket #275114)
- Bug fix: CDP/DDP users in longitudinal projects with repeating events can see a blank REDCap Date/Time and have adjudicated values saved into the first event instance when reviewing source data for a different repeating event instance. (Ticket #275035)
- Bug fix: Sites with ongoing CDP/DDP background pulls can have the background fetch process terminate unexpectedly when large queued workloads exhaust available memory.
- Bug fix: When record IDs are shared between arms in a multi-arm project, the Custom Record Label might not update correctly when navigating between arms on the Record Status Dashboard.
- Bug fix: The [report-access-code] smart variable was not displayed in the smart variable documentation if the global setting "Allow reports to be made public?" was set to "No", which was incorrect because admins could still make reports public even in that case. Going

forward, the smart variable documentation will always display the [report-access-code] regardless of the system configuration settings. (Ticket #275025)

- Bug fix: The [dashboard-access-code] smart variable was displayed in the smart variable documentation even if the global setting "Allow reports to be made public?" was set to "No", which was incorrect because no one (not even admins) can utilize this smart variable in that situation. Thus, there is no reason to display the [dashboard-access-code] smart variable in the documentation in this case. (Ticket #275025)

Version 16.0.17 (released on 2026-03-12)

- Major security fix: A Reflected XSS (Cross-site Scripting) vulnerability was discovered on the API Playground page, in which a malicious user could potentially exploit it by inserting custom HTML and JavaScript in a specially crafted way. This can only be exploited by authenticated users with an API token. Bug exists in REDCap 6.9.0 and higher.
- Medium security fix: An Insecure Direct Object Reference vulnerability was discovered on the Calendar page in which a malicious user could potentially exploit it by sending a specially crafted HTTP request that would allow a user that is assigned to a Data Access Group to create, modify, or view calendar events belonging to other DAGs. This can only be exploited by authenticated users who have Calendar privileges. Bug exists in all versions.
- Major bug fix: Some Form Status values for public surveys would mistakenly not get set to a "2" value in the redcap_data* database table if a participant completed the survey while on REDCap 16.0.13 LTS or 16.1.1 Standard. While the bug that caused the issue was fixed in the next release, some data might still remain affected. This fix will correct any affected data in the redcap_data* table. (Ticket #272518b)
- Major bug fix: For CDIS users, when background CDP/DDP fetches process larger clinical data pulls, the background workflow can stop before all selected data is processed and records can remain incomplete.
- Major bug fix: When using Multi-Language Management, the User Interface translation overrides for subscribed system languages were mistakenly not getting saved.
- Major bug fix: If a calc or CALCTEXT field utilizes the Form Status field of a survey instrument, there are some scenarios in which data could be entered on the survey corresponding to the Form Status field, but the calc/CALCTEXT field would mistakenly not get triggered accordingly. (Ticket #274461)
- Bug fix: For CDIS users, when background CDP/DDP fetches retry failed categories, the retry order can leave remaining record work waiting longer than expected in the background queue.

- Bug fix: For CDIS users, when background CDP/DDP fetches pause and resume across multiple queue runs, record and category progress can remain out of sync in the background processing workflow.
- Bug Fix: If a user has been placed in an ACG that prohibits rights associated with optional modules such as the Data Resolution Workflow or MyCap, then they are listed as non-compliant when added to a project that does NOT have these optional modules enabled. This fix makes sure that disabled optional modules are not taken into consideration when listing the non-compliant rights for a user in the project compliance table. (Ticket #272634)
- Bug fix: When erasing all records in a project or when moving a project to production while deleting all records, any Background Data Imports listed on the Data Import Tool page would mistakenly not be deleted. (Ticket #274055)
- Bug fix: For REDCap admins, when sending messages from the Email Users page in the Control Center, some subject or body content that includes HTML can trigger a WAF-related 403 response and prevent the message from being scheduled.
- Bug fix: Newly-created users were not being assigned the correct Access Control Control (ACG) default group. This fix ensures that the currently set ACG default group is actually being assigned to newly-created users in the system. (Ticket #272634b)
- Bug fix: In some cases, the Online Designer might become unusable when the BioPortal Ontology web service is down. (Ticket #272656)

Version 16.0.16 (released on 2026-03-05)

- Medium security fix: An access control vulnerability was discovered on data entry forms in which a malicious user could potentially exploit it by sending a specially crafted HTTP request to a data entry form that would allow a user that is assigned to a Data Access Group to take control of and modify a record belonging to another DAG. This can only be exploited by authenticated users who have Data Viewing privileges to the first instrument in a project. Bug exists in all versions.
- Minor security fix: For CDIS users launching from an EHR context, a malicious actor could provide a redirect link that sends users to an unintended external website. This can only be exploited by authenticated users. Bug exists in REDCap 15.7.5 and higher.
- Minor security fix/change: REDCap now prevents anyone from calling the survey endpoint or API endpoint using a URL containing the REDCap version directory. This will prevent attackers from possibly exploiting vulnerabilities that might be accessible at those endpoints in older versions going forward. (Note: Currently, there are no known vulnerabilities regarding those endpoints.) For example, the API must be called



at https://redcap.site.edu/api/index.php and not
at https://redcap.site.edu/redcap_v16.1.5/API/index.php, else it will return an error.

- Bug fix: For CDP/DDP users, when background pulls were due, some records could remain queued.
- Bug fix: For CDP/DDP users reviewing incoming EHR updates, new-item counts could be inconsistent between the Record Status Dashboard, record instrument, and adjudication modal.
- Bug fix: For CDP/DDP users, in specific conditions, adjudication flags could remain set and prevent new incoming data from being marked as pending adjudication.
- Bug fix: For sites with ongoing CDP/DDP background pulls, when the fetch job processed larger workloads, it could stall or crash and create a growing queue backlog (Ticket #273244).
- Bug fix: In certain random situations, clicking the "View Invite" icon in the Survey Invitation Log might mistakenly not open the dialog to display the invitation.
- Bug fix: When importing some Project XML files on the Create Project page, the XML parsing process might mistakenly fail, thus preventing the user from creating the project.
- Bug fix: For sites with ongoing CDP/DDP background pulls, when large queued workloads were processed, the fetch job could exceed memory limits, terminate unexpectedly, and leave records queued.
- Bug fix: The new check on the Configuration Check page that detects if the main REDCap folder is writable by the application contained some text that was confusing in certain situations. The text has been modified to improve clarity.
- Bug fix: When embedded fields have branching logic, in which those embedded fields are selected to be hidden by a user via the "Erase the values of fields to be hidden?" confirmation prompt, the fields will mistakenly not be hidden afterward. This only occurs if the fields are embedded. (Ticket #273544)
- Bug fix: When a calc or CALCTEXT field references a field whose value is a Missing Data Code, in which the MDC value is not an integer or number, the calculation might not return the expected value. (Ticket #273017)
- Bug fix: Alerts & Notifications that contain old REDCap URLs that contain the REDCap version number were mistakenly not getting replaced with the current REDCap version in the alert text when the notification is sent. This could cause recipients to click links in their emails that lead to a 404 Not Found error on the server. (Ticket #273938)



- Bug fix: The "Erase the values of fields to be hidden?" dialog on data entry forms would sometimes not show the correct title and fail to show the label of embedded fields. (Ticket #273783)
- Bug fix: When a user is creating a new project from a Project XML file, in which the Survey Confirmation Email's "From" address of a survey in the XML file does not belong to the current user (i.e., is not their primary, secondary, or tertiary address), that survey confirmation email's "From" address will automatically be set to the current user's primary email address when the project is created. This is to prevent users from bypassing REDCap's email verification process (for possible abuse or malicious intent), which could be done in previous versions by manually modifying the Project XML file prior to upload.
- Bug fix: When a user is creating a new project via a Project Template or by copying an existing project, in which the "From" address for any Alerts, ASIs, or Survey Confirmation Emails does not belong to current user (if a Project Template) or any existing project user (if copying a project), that "From" address should have been automatically set to the current user's primary email address when the project is created, but it was not. (Ticket #273177)

Version 16.0.15 (released on 2026-02-26)

- Major security fix: An SQL Injection vulnerability was found on the Survey Invitation Log page, in which a malicious user could potentially exploit it and execute arbitrary SQL commands on the database by manipulating an HTTP request in a specially-crafted way. This can only be exploited by authenticated users that have Survey Distribution Tools privileges in a project. Bug exists in all versions of REDCap.
- Major security fix: A Stored XSS (Cross-site Scripting) vulnerability was discovered on a File Repository page, in which a malicious user could potentially exploit it by inserting custom HTML and JavaScript in a specially crafted way. This can be exploited by unauthenticated users (i.e., survey participants). Bug exists in REDCap 12.5.0 and higher.
- Major security fix: A Stored XSS (Cross-site Scripting) vulnerability was discovered on several MyCap related pages, in which a malicious user could potentially exploit it by inserting custom HTML and JavaScript in a specially crafted way. This can only be exploited by authenticated users. Bug exists in REDCap 13.0.0 and higher.
- Major security fix: A Stored XSS (Cross-site Scripting) vulnerability was discovered on a REDCap Mobile app related page, in which a malicious user could potentially exploit it by inserting custom HTML and JavaScript in a specially crafted way. This can only be exploited by authenticated users. Bug exists in REDCap 7.1.0 and higher.
- Major security fix: A Stored XSS (Cross-site Scripting) vulnerability was discovered in a Multi-Language Management related process, in which a malicious user could potentially exploit it

by inserting custom HTML and JavaScript in a specially crafted way. This can only be exploited by authenticated users. Bug exists in REDCap 12.0.0 and higher.

- Major security fix: A Reflected XSS (Cross-site Scripting) vulnerability was discovered on the Project Revision History page, in which a malicious user could potentially exploit it by inserting custom HTML and JavaScript in a specially crafted way. This can only be exploited by authenticated users. Bug exists in REDCap 11.3.0 and higher.
- Major security fix: A Reflected XSS (Cross-site Scripting) vulnerability was discovered on a specific survey setting related page, in which a malicious user could potentially exploit it by inserting custom HTML and JavaScript in a specially crafted way. This can only be exploited by authenticated users. Bug exists in REDCap 13.9.3 and higher.
- Bug Fix: Recent fixes to the datepicker on forms/surveys caused some erratic behavior in the context of ASIs and Alerts & Notifications. Bug emerged in REDCap 16.0.9 Standard and 16.0.10 LTS. (Ticket #272139b)
- Bug fix: CDP project users, when saving mappings after adding or editing fields on the CDP Mapping page, could be blocked by an unresolved validation row showing an event with "Not selected" values. (Ticket #272808, #272832)
- Bug fix: The redcap_history_size database table might mistakenly have zeros for the size_db and size_files columns for the past few months, thus not recording the database and file storage sizes correctly. (Ticket #272824)
- Bug fix: When a project has been marked as completed, in which a dialog is displayed on the project home page, clicking the "View users & privileges" button in the dialog would mistakenly return an error message. Bug emerged in REDCap 16.0.12 LTS and 16.1.0 Standard.
- Change: A new check has been added to the Configuration Check page to check if the main REDCap directory on the web server is writable, and if so, it recommends to change the permissions of the folder to ensure that the REDCap application cannot write or edit files/folders in the main REDCap directory. This is recommended as a security improvement to protect against certain attack vectors that might try to modify the REDCap code.
- Change: Warning text has been added in the Control Center for admins if the Easy Upgrade feature is enabled on the current REDCap instance. It mentions that using Easy Upgrade on a production server is no longer recommended because of security implications. Easy Upgrade requires that the REDCap application be able to write files to the main "redcap" directory on the web server, which is not a recommended security practice for production environments because it can make your server vulnerable to certain attacks. It notes that if the server is a production REDCap instance, it is recommended that the admin ask their IT Team to change

the file permissions of the main "redcap" directory to ensure that the REDCap application cannot create new files/directories (with the exception of the REDCap "temp" folder).

- Bug fix: For CDIS users extracting clinical documents, when an HTML attachment includes extra content-type details (such as charset), extraction could fail in the clinical note workflow. (Ticket #272905)
- Bug Fix: Users are able to bypass Access Control Groups compliance checks when they upload user rights or roles assignments via the CSV import feature on the User Rights page, or via the API. This fix makes sure that ACG compliance checks occur prior to any successful user rights or roles changes via either the CVS upload feature or the API. (Ticket #271811)
- Bug fix: When copying a MyCap-enabled project that contains records, in which the records are also being copied, the process would result in creating duplicate participants in the MyCap Participant List in the new project. The records would get copied correctly but mistakenly added twice to the MyCap Participant List.
- Bug fix: In a MyCap-enabled project, when uploading an Instrument Zip file (downloaded from a MyCap-enabled instrument), the process might fail due to an SQL error.
- Bug fix: If a user has a mixed-cased username, it might prevent them from successfully downloading their live calendar feed (ICS file) from the Calendar page in a project. (Ticket #273059)
- Bug fix: When creating a project via a Project XML file, in which the original project (represented in the XML file) was longitudinal and contained some instruments that have no fields (excluding the Form Status field), the instrument-event mapping for some instruments might not get set correctly in the newly created project. (Ticket #268270)
- Bug Fix: For MyCap-enabled projects, when a user adds a PROMIS measure from the "Mobile Toolbox - PROMIS" tab from the "Active Tasks" popup in the Online Designer, some measures added from the REDCap Shared Library would mistakenly get generated with Forms and Calibration JSON files (via PROMIS API calls) having an incorrect engine value or with invalid JSON format (with new line characters).
- Bug fix: For certain types of Azure-based deployments, the Base URL on the Email Users page might not get set correctly and might cause functional issues. (Ticket #273150)
- Change: Since it has been determined that certain older REDCap versions contain security vulnerabilities that *might* still be executable if those version directories continue to remain on the REDCap web server, the Configuration Check page in the Control Center now recommends that you remove those older version directories. Those versions will be mentioned specifically on the Configuration Check page. We do not feel that it is necessary to remove all older version directories every time you upgrade in the future, but you may choose to do so if you wish.

Version 16.0.14(released on 2026-02-18)

- Major bug fix: When a survey page is submitted with some required fields left empty, in certain scenarios the page might not be redisplayed with the Required Fields warning. Bug emerged in the previous version. (Ticket #272518)
- Bug fix: A certain project-level AJAX request that is used for sending test emails in various places in the project would mistakenly allow users to send emails with any From address. It now ensures that the From address for the outgoing email matches an email address attached to the current user's user account.
- Bug fix: If a project contains more than 5000 records, the Data Quality page would mistakenly return 0 discrepancies for all rules if a record was not selected in the record filter text box. Bug emerged in REDCap 16.0.12 LTS and 16.1.0 Standard. (Ticket #272153)
- Bug fix: If a report only contains a single field (specifically the record ID field) and the report has filter logic defined, the report would mistakenly display the Form Status Complete field for all repeating instruments, assuming the project contains some repeating instruments. (Ticket #271916)
- Bug fix: In a longitudinal project, if alerts have been defined to use File Upload fields for attachments, in which the event is referenced (e.g. using [baseline_arm_1][file]), the CSV upload of the alerts might fail even though the field(s) are present in the project. (Ticket #272367)
- Bug fix: In features that utilize the VueJS library (e.g., CDIS, Email Users page), "Delete" requests would fail with a 405 error on REDCap installations running on Nginx when calling a versioned folder URL without an appended "index.php" on the end, such as https://redcap.myserver.edu/redcap_vX.X.X/ instead of https://redcap.myserver.edu/redcap_vX.X.X/index.php.
- Bug fix: Moving a field to immediately after a matrix group was not possible using the Online Designer's Move field dialog. (Ticket #271094)
- Bug fix: When a project is in draft mode, the "Designate for an event" link was shown in Online Designer despite new instruments not being available for assigning at this stage.The link is now replaced with a statement. Conversely, after draft mode has been exited, a link is now shown instead of a mere notification.
- Bug fix: When a user is logging in via Entra ID, in which the setting "AD attribute to use for REDCap username" is set to "mail" and Endpoint Version "V2" is being used, for some Entra ID configurations, REDCap might mistakenly always set every user's REDCap username to be the "preferred_username" attribute from Entra ID rather than setting their username as their email address (i.e., the value returned from the "email" claim). (Ticket #267654b)
- Bug fix: When a user is viewing a completed e-Consent response on a data entry form, in which the e-Consent setting "Allow e-Consent responses to be edited by users?" is not enabled for that survey, if the form is locked and then a user unlocks it, all the fields on the form would mistakenly become editable, which should not happen. Note: Even if a user does

modify field values in this scenario, an error message would be displayed after they click the Submit button that denotes that modifying data is not allowed and that no data was changed. (Ticket #272317)
- Bug fix: When saving the settings for an Automated Survey Invitation, the "From" email address was mistakenly not being checked to ensure that the email belonged to a user in the project. (Note: This was already being checked when importing ASI settings via a CSV file.)
- Bug fix: When the CDP Dashboard URL is generated, the path now ends with a trailing slash before query parameters (e.g., /DynamicDataPull/data_fetching_queue_dashboard/?pid=...), preventing compatibility issues on systems that expect directory URLs to be slash-terminated.
- Bug fix: When viewing the Record Status Dashboard, if the Rapid Retrieval feature is working on the page to provide a cached version of the page, and if the RR's cache was stored when REDCap was on a previous version, in which that previous REDCap version has been removed from the web server, some images (e.g., form status icons) might not display correctly on the page and other links might lead to a 404 "does not exist" error.

Version 16.0.13 (released on 2026-02-12)

- Critical security fix: A PHP Deserialization Remote Code Execution vulnerability was found that could potentially be exploited by manipulating an HTTP request to a specific CDIS-related page while manipulating a certain CDIS-related cookie in a specific way. If successfully exploited, this could allow the attacker to remotely execute arbitrary code on the REDCap server. The attacker does not have to be authenticated in order to exploit this, but this is only exploitable if CDIS is enabled at the system level. This vulnerability exists in REDCap 13.8.1 and higher.

- Critical security fix: A PHP Deserialization Remote Code Execution vulnerability was found that could potentially be exploited by manipulating an HTTP request to a specific Duo-related page while manipulating a certain Duo-related cookie in a specific way. If successfully exploited, this could allow the attacker to remotely execute arbitrary code on the REDCap server. The attacker does not have to be authenticated in order to exploit this, but this is only exploitable if Duo MFA is enabled at the system level. This vulnerability exists in REDCap 13.8.1 and higher.

- Major security fix: An SQL Injection vulnerability was found in the Data Quality module, in which a malicious user could potentially exploit it and execute arbitrary SQL commands on the database by manipulating an HTTP request in a specially-crafted way. This can only be exploited by authenticated users that have rights to execute Data Quality rules. Bug exists in all versions of REDCap.

- Major security fix: A Reflected XSS (Cross-site Scripting) vulnerability was discovered, in which a malicious user could potentially exploit it by inserting custom HTML and JavaScript in a

specially crafted way on the "Design My Events" page. This can only be exploited by authenticated users that have "Project Design & Setup" privileges. Bug exists in all versions of REDCap.

- Major security fix: A Stored XSS (Cross-site Scripting) vulnerability was discovered, in which a malicious user could potentially exploit it by inserting custom HTML and JavaScript in a specially crafted way into some REDCap Messenger related endpoints. This can only be exploited by authenticated users. Bug exists in all versions of REDCap.
- Medium security fix: A Path Traversal vulnerability was found in a specific endpoint relating to the "Summarize Data" AI feature on reports, in which a malicious user could potentially exploit it by manipulating an HTTP request on a report. This can only be exploited by authenticated users and only if this specific AI feature has been enabled in the system. Bug exists in REDCap versions 15.0.0 and higher.
- Major bug fix: When the "Require a reason when making changes" feature is enabled in a project, in which a user clicks the "Delete data for this form only" button at the bottom of a data entry form, if no fields on the page had been modified prior to clicking the button, then the "Reason for changes" prompt would fail to be displayed to the user, thus not logging any text for the reason. (Ticket #271998)
- Major bug fix: When the "Require a reason when making changes" feature is enabled in a project, in which a user clicks the "Delete data for this form only" button at the bottom of a data entry form and then supplies some text for the reason in the "Reason for changes" prompt, the reason text would fail to be logged on the Logging page for the event. (Ticket #271998)
- Bug fix: When administrators use the Email Users page in the Control Center, several labels would appear as hard-coded in the navigation, query manager, and dynamic variables menus. (Ticket #271035)
- Bug fix: Certain YouTube URLs, such as YouTube Shorts, would mistakenly not load correctly on a form or survey when entered as the embedded media for a Descriptive field. (Ticket #271003)
- Bug Fix: When using the Access Control Group feature, group rights and user rights values were disjointed for rights with layered access level such as Data Quality Resolution and Data Export, leading to ambiguity and guesswork when editing users rights. This fix solves the issue by making the access levels for those rights congruent in both the ACG form and User Rights page. Ticket #268921b addressed this issue, but for the User Rights privilege only; this fix expands the scope to the other rights with the same issue.
- Bug fix: When using the Project Revision History, comparing data dictionary snapshots will fail if the user preference for CSV delimiter is not comma. (Ticket #271853)



- Bug fix: The checkmark icon displayed on the "e-Consent" button in the Online Designer would mistakenly persist when all instruments that had e-Consent enabled were deleted from the project. (Ticket #270898)
- Bug fix: The hyperlink to the project in an EM activation request email does not contain the full REDCap URL, which results in a 404 error when clicking on it. (Ticket #271857)
- Bug fix: When using the "Import Project Info" API method, specifically when the format is "csv", some UTF-8 encoded text for the project title and other attributes might mistakenly not get stored in the correct encoding in the database. (Ticket #271820)
- Bug fix: In projects with a large amount of records (e.g., >100K), the Record Status Dashboard table might fail to load due to a database query being too long, thus resulting in a database query error. (Ticket #271802)
- Bug fix: In MLM-enabled projects where the AI Auto-translate feature is enabled, clicking on the "Translate using AI" button on the MLM setup page might not translate all text on an instrument in certain specific cases. (Ticket #270618)
- Bug fix: When a participant submits a public survey but leaves a required field empty, it would mistakenly create an extra empty logged event as seen on the Logging page. (Ticket #269957)
- Bug fix: Combining the 'Survey Auto-Continue' feature and the 'Save & Return Later' feature exhibits different behavior depending on if the 'Allow respondents to return without needing a return code' setting is enabled. Typically, if a participant returns to an already-completed survey that has ‘Survey Auto-Continue’ enabled, they should be automatically redirected to the next survey, if applicable. But in some cases, this might not happen, and the survey page would instead display the message "Thank you for your interest, but you have already completed this survey". (Ticket #270403)
- Bug fix: Saving a blank value for a designated email field (including survey-specific designated email fields) on a form/survey in a longitudinal project might cause the logging for those data changes to be duplicated unnecessarily. (Ticket #271144)
- Bug Fix: In the context of Access Control Groups, when editing a user’s rights on the User Rights page, some fields which had global or project level settings turned off, although now hidden and not visually appearing on the User Interface (UI), still carried their values prior to the settings being turned off. These hidden field values are still submitted and may corrupt the actual current state/value for each of the corresponding rights even when their respective global or project level settings have been disabled. This fix makes sure that during ACG non-compliant rights determination, hidden rights are correctly attributed "off" state values, regardless of what their values were before they were removed from the UI. (Ticket #271812)

Version 16.0.12 (released on 2026-02-05)

- Critical security fix: A Remote Code Execution vulnerability was found in which a malicious user who is logged in could potentially exploit it by manipulating any REDCap logic that is saved via specific REDCap endpoints or is stored in a project (e.g., calculations, branching logic, data quality rule logic, report filter logic). Note: Only authenticated users are able to exploit this. This vulnerability exists in all versions of REDCap.
- Bug fix: The instructions for "Custom Surveys for Project Status Transitions" feature on the User Settings page in the Control Center was missing some important information. It failed to mention that these surveys are required to be one-page public surveys and that they cannot utilize the Survey Queue, Survey Auto-Continue, or Redirect features at the end of a survey. (Ticket #271193)
- Bug fix: In some server environments that wrap the client's IP address in square brackets, the IP address would mistakenly not get stored in the redcap_log_view database table appropriately.
- Bug fix: When using the CSV file import feature to create new Access Control Groups, and when the Group IDs for these new groups are manually specified (though they need not be, as they were intended to be generated automatically), a success confirmation message is imparted even though the creation of the new groups actually did not succeed. This PR addresses the issue and allows users to create new groups with manually-specified Group ID values that must start with the prefix G- and not exceed 15 total characters. (Ticket #270270)
- Bug fix: On Access Control Groups upload/creation via the CSV file import feature, the review changes confirmation dialog inaccurately catalogs changes for the API and Randomization privileges. This PR addresses the issue by fixing underlying root cause and making sure that the current and proposed changes in the ACG confirmation dialog via CSV upload are accurately displayed. (Ticket #270271)
- Bug fix: When using the optional feature that adds primary keys to all REDCap database tables that do not have an explicit primary key column already defined, INSERT queries to the "redcap_ip_cache" database table would always fail.
- Bug fix: If a project contains more than 5000 records, the Data Quality page would mistakenly not display the record filter text box at the top of the DQ rules table. Bug emerged in REDCap 16.0.7. (Ticket #271510)

Version 16.0.11(released on 2026-01-30)

- Major bug fix: The upgrade page would mistakenly not load due to a fatal PHP error when using PHP 8.4 or 8.5. (Ticket #271237)

Version 16.0.10(released on 2026-01-29)

- New LTS branch based off of REDCap 16.0.9 (Standard).
- Note: Please see the Standard Release ChangeLog for the full list of new features and changes released between the previous LTS and this new LTS branch.

STS Change Log:

Version 16.0.9(released on 2026-01-29)

- Major security fix: A Reflected XSS (Cross-site Scripting) vulnerability was discovered, in which a malicious user could potentially exploit it by uploading a PDF that contains dangerous JavaScript onto a REDCap page that embeds the PDF using the browser's built-in PDF viewer, such as when using the INLINE action tag on a File Upload field. To prevent this, REDCap now always prevents the usage of the browser's built-in PDF viewer and instead always forces the usage of the built-in PDF viewer, which does not allow JavaScript injection via PDF. This can be exploited by authenticated users and also by survey participants. Bug exists in all versions of REDCap.
- Accessibility improvement: Keyboard users are now able to navigate to the date/time-picker for date/time fields on surveys and forms. Previously, they were not able to do so because tabbing would skip over the date/time-picker entirely. Additionally, screenreader users are now able to navigate inside the date/time-picker.
- Accessibility improvement: Some issues with regard to the usage of HTML "BR" tags in field labels on forms and surveys have been fixed/improved. VoiceOver on Chrome announces a BR tag in a field label as an "Empty Group", breaking the reading flow of the field label's text. This issue only occurs with Chrome.
- Improvement: Additional project-level stats are shown on the Project Home stats table, such as when the project was created, when moved to production, and when moved to analysis/cleanup status.
- Improvement: Users copying mappings to multiple events had to toggle each row individually, so the dialog now uses a sticky table header with a select-all checkbox, switch-style row toggles, and truncated event/arm labels with missing-data placeholders.



- Improvement: Users reviewing CDP mapping rows could only see validation messages in the FHIR column, so messages now appear under the related field column (FHIR/Temporal/Preselect/Field) with duplicate-entry guidance shown in the Field column.
- Improvement: Various stability improvements for the CDP/DDP background fetch that reduces peak memory usage and makes progress visible in the CDP dashboard.
- Improvement: Process background fetches in per-category slices with locks and retries to avoid out-of-memory scenarios in specific cases.
- Improvement: Add a Fetch Progress page to the CDP dashboard with filters and pagination for record/category status.
- Bug fix: Reconcile stale fetching states by clearing locks and marking stalled categories for retry.
- Change: Persist fetch progress and lock metadata in new/updated DDP tables.
- Improvement: When sending MyCap message/announcement to MyCap participants or editing a MyCap announcement, users can send it immediately or use the "Schedule at a certain date/time" option to schedule a MyCap message/announcement at a specific date/time so that the participant will receive that message/announcement at that date/time in the MyCap app.
- Major bug fix: When a user is calling the File Export API method, in some cases the user would mistakenly be able to export the file even when they have "No Access" data export rights for the instrument on which the File Upload field is located. (Ticket #270635)
- Major bug fix: When using the Bulk Record Delete feature, a user's privileges might not have always been checked correctly when allowing them to delete whole records or to delete instrument-level data. For example, a user that did not have "Delete Records" rights might have been able to delete whole records.



- Change: For MyCap-enabled projects, when a user clicks "Active Task", inside a popup display "Mobile Toolbox - PROMIS" tab only if system level flag "mtb_experimental_enabled" is set to "1" from database (which adds MTB-Supported PROMIS measures from Shared Library)
- Bug fix: CDIS projects importing laboratory observations now keep zero values instead of showing a blank result. (Ticket #270616)
- Bug fix: CDIS projects importing observation results now keep boolean and range-based values when they are present. (Ticket #270616)
- Bug fix: Fix for External Modules repeated file settings to function like other module settings. Added download link to download files uploaded to module settings.
- Bug fix: For MyCap-enabled projects, the [survey-link] smart variable mistakenly failed to resolve in the field label for fields in MyCap tasks in MLM-enabled projects to appear as hyperlinks in the MyCap app.
- Bug fix: If an admin deletes a CDIS custom authentication parameter on the CDIS settings page when multiple entries exist, the first entry would be removed instead. (Ticket #270048)
- Bug fix: In MyCap-enabled projects, the text inside the help text dialog for "Use the Rich Text Editor" on the Task Setup and Add/Edit About Page is displaying the wrong text.
- Bug fix: Several missing LOINC codes were added to the CDIS mapping features.
- Bug fix: The Project ID argument is mistakenly not passed to the redcap_every_page_before_render() hook on the REDCap login page. (Ticket #270910)
- Bug fix: The query used to calculate the number of users who have logged in to REDCap within a certain period was not quite correct if using an "X & Table-based" authentication method while also using the User Allowlist.

Version 16.0.8(released on 2026-01-22)



- Background improvements to the process that fetches data for eligible CDP/DDP records in CDIS projects:
- Improvement: Added a CDP/DDP fetch reconciler that resets stuck "fetching" records when there has been no recent FHIR activity for the patient, addressing a rare recovery issue.
- Improvement: The CDP/DDP fetching process can stop safely when nearing time or memory limits, reducing the chance of leaving records stuck.
- Improvement: Administrators may choose a dedicated folder for CDIS temporary files, which helps keep CDIS behavior consistent across different servers and background processes.
- Improvement: Adds a setting for a dedicated CDIS cache folder to store CDIS temporary files separately from the system temp directory.
- Improvement: Improves stability of CDIS workflows in environments with load balancers or multiple app servers by keeping CDIS temp files in a consistent location.
- Improvement: In CDIS, the Break-the-Glass (BTG) feature now stores cache files in the REDCap temp folder to list patients identified as BTG candidates for a specific project, in which the filenames use a specific identifiable format and .btg extension that includes the project PID.
- Improvement: The CDP/DDP mapping page has been refactored to use a form-based workflow with better performance on large mapping sets and event-aware tools for managing and copying mappings across events. (Ticket #269290)
- Improvement: When adding/editing the MyCap "About" page in a MyCap-enabled project, users can also use the rich text editor to add/edit "About" page contents so that it is possible to display the formatted page contents in the MyCap app.
- Improvement: When adding/editing the MyCap task in a MyCap-enabled project, users can also use the rich text editor for task instruction and completion steps so that its formatted step contents will appear in the MyCap app when a participant starts that task



- Improvement: When calling the API method "Export a List of Files/Folders from the File Repository", it now also returns the unique User Role (as "role") and unique Data Access Group name (as "dag") for any folder that is role-restricted and/or DAG-restricted, respectively.
- Major bug fix: When uploading a CSV file of survey settings in the Online Designer, it might result in certain survey attributes (e.g., public survey links, survey queue setting) getting disconnected from the original surveys if those surveys were modified via the CSV import. (Ticket #270453)
- Bug Fix: When using Access Control Groups, if an admin tries to assign a user to a role with "Read Only" User Rights privilege when the Access Control Group for this user is set as "Full Access" for the User Rights privilege, it would not let the admin proceed with the action, whereas this action is in fact allowed and should have proceeded with no alert message displayed. (Ticket #268921b)
- Bug fix: Custom form CSS and custom survey CSS would mistakenly not be transferred via Project XML files or when copying a project.
- Bug fix: If a survey participant opens an adaptive or auto-scoring instrument that was downloaded from the REDCap Shared Library, they would mistakenly be allowed to take the survey even if the record was locked at the record level. Now it appropriately displays an error message saying that the survey cannot be taken because the record is locked.
- Bug fix: If a user set's their preferred CSV Delimiter (via the Profile page) to "blank space", several features that perform CSV exports (such as a data dictionary export) would fail with a fatal PHP error. (Ticket #270169)
- Bug fix: In CDIS projects, this fix prevents Break-the-Glass verification from showing an error when the system returns normal data.



- Bug fix: In a CDIS context, prevent errors when pulling data from EHR systems for a single patient lookup. (Ticket #270367)
- Bug fix: The Choices Editor dialog in the Online Designer mistakenly did not allow a dash (-) or a dot (.) as part of a coded value. (Ticket #270348)
- Bug fix: The sort order and form status filters for repeating tables on the Record Home Page were mistakenly not persisting correctly in some cases.
- Bug fix: When a Data Quality rule returns some discrepancies and the user clicks the "exclude" link to exclude the discrepancy, that item would fail to be excluded from future executions of the DQ rule. Bug emerged in the previous release. (Ticket #270355)
- Bug fix: When a project has Data Access Groups but does not have any records, the multi-select DAG drop-down would mistakenly be displayed on the Data Quality page. That DAG drop-down should only be displayed when the project has DAGs while there is at least one record, otherwise it might be confusing to users. Bug emerged in the previous version. (Ticket #270517)
- Bug fix: When a project is in draft mode while in production and a user selects to "Move field(s) to newly created instrument" in the Online Designer, it would correctly create the new instrument with the moved fields, but it would mistakenly have "[?]" as its form label in certain situations. (Ticket #267242)
- Bug fix: When a recurring alert is set to be triggered by conditional logic, in which the "Ensure logic is still true" checkbox is checked for the alert, if at least one notification in the recurrence series has already been sent for a given record and then the alert logic becomes no longer true but then later the logic becomes true again, the recurrence series would fail to get initialized again, thus no more notifications would be sent for the record for the recurring alert. (Ticket #268869)



- Bug fix: When a survey participant is returning to a partially completed response using a private survey link, in which the "Save & Return Later" feature is not enabled for the survey, the page would mistakenly not utilize the survey's theme, thus possibly making the displayed text difficult to read in some situations. (Ticket #270331)
- Bug fix: When calling the API method "Export a List of Files/Folders from the File Repository", it would mistakenly return folders that are admin-restricted folders. The API should not return any admin-restricted folders in the folder list.
- Bug fix: When deleting a user from a project, the confirmation message would mistakenly say that 'Role "" was successfully deleted'. (Ticket #270283)
- Bug fix: When deleting an instrument, a user's form-level data entry viewing rights might still mistakenly exist in the backend database and thus could be seen when performing an export of the users' user rights in the project. Bug emerged in REDCap 15.7.0. (Ticket #269973b)
- Bug fix: When exporting a PDF of a data entry form using the "via browser's Save as PDF" option, the resulting PDF might mistakenly not obey all the PDF Customizations settings from the Project Setup page.
- Bug fix: When reevaluating an alert in a project with multiple arms, the Notification Log might mistakenly list an event from an arm in which the record does not exist. (Ticket #269644)
- Bug fix: When the Record ID field is the only field ever used in Form Display Logic, conditions for FDL might not get evaluated as expected.
- Bug fix: When using a Super API Token to create a new project using a Project XML file via the API, errors would be returned if certain low-level metadata errors existed in the XML file, thus preventing the project from being created. Whereas when creating a project via Project XML in the user interface, this would not occur but would be allowed. In this case, the API

project creation process will no longer return low-level metadata errors that block the project creation. (Ticket #269973)

Version 16.0.7 (released on 2026-01-15)

- Improvement: The record and DAG drop-down filters for Data Quality rules have been enhanced so that multiple records or multiple DAGs can be selected at the same time, in which any DQ rules that are executed will only be executed on the selected records/DAGs.
- Improvement: The "Project Statistics" table on the Project Home page now displays the number of instruments in the project, and if longitudinal, it also displays the number of events/arms.
- Improvement: Custom field validations with “email” datatype (i.e., as defined in the redcap_validation_types database table) can now be used for the Designated Email Field and for survey invitation recipients, including ASIs. (Ticket #267892)
- Improvement: The locking/e-signature settings found on the Record Locking Customization page in a project can now be exported and imported via a Project XML file.
- Improvement: Improved how entries are matched and updated during data fetches for CDIS Data Mart across all FHIR categories, reducing duplicates and stabilizing update counts on repeated runs.
- Improvement: Several new categories/classifications were added to the “Standardized Field (CDE)” search feature (formerly known as the “Field Bank”).
- Improvement: The calendar table on the Calendar page is now much wider to fill out the page better and allow more text to be viewed for individual calendar events.
- Accessibility improvement: Descriptive Popups are now more accessible when using screen readers on surveys and data entry forms.



- Bug fix: When calling the Export User Roles API method with the API parameter "format" set specifically to "csv", the "forms_export" column in the API response would mistakenly also have the "forms" column values prepended to it.
- Bug fix: When a field's min or max range check value is a field value that is piped from a repeating instrument on another event, in some scenarios the min/max value would not get piped correctly, thus causing the min/max range check not to work correctly. (Ticket #269574)
- Bug fix: When exporting->importing a project using a Project XML file, the value for the setting to enable/disable the Participant Identifier column in the survey participant list would mistakenly not get carried over into the new project.
- Bug fix: In some specific scenarios when the Background Data Import process is importing records for multiple projects during the same cron job instance, the import process might mistakenly get stuck in a "Processing" state, even when all records have been successfully imported into the project.
- Bug fix: Images embedded in rich text of Alert emails might not render correctly on the page when viewed using the Protected Email feature.
- Bug fix: If a field has branching logic that consists of only one line, in which the line is a comment (i.e., begins with "//"), the survey or data entry form would mistakenly display a branching logic error message. (Ticket #269850)
- Bug fix: When adding/editing User Roles using the API User Role Import method or using the CSV import on the User Rights page, the Email Logging privilege for a given role could mistakenly not be modified.
- Bug fix: When an admin is using the "View project as user" feature in a project and is viewing the "My Reports & Exports" page, the buttons being displayed under the "Management Options" column in the report list would mistakenly not always match what the user being impersonated would actually see. (Ticket #270090)



Version 16.0.6 (released on 2026-01-08)

- Improvement: In a MyCap-enabled project, the MyCap Participant List now contains a “Last accessed” column that denotes the last time the participant accessed the project in the MyCap app.
- Improvement: In a MyCap-enabled project, the Messages->Announcements tab on the MyCap Participant Management page now has search functionality (similar to the search functionality currently on the Inbox and Outbox tabs). In addition, the Inbox, Outbox, and Announcement tabs now have a new option to filter by specific text in the message.
- Accessibility improvement: If Multi-Language Management is enabled on a survey, the “lang” attribute for the “html” tag on the webpage will now be appropriately set to the MLM language code if it corresponds to an ISO 639-1 language code.
- Change: When using CDIS with Epic, the cached Break-the-Glass (BTG) protected patient list TTL was increased from 5 days to 10 days to give project owners more time to detect and unlock data access for patients in selected CDIS-enabled projects. Additionally, the BTG-protected patient list is now managed in one place, which makes the list consistent across the app and avoids mismatches caused by multiple storage paths.
- Bug fix: When using Access Control Groups, in which a user attempts to add a non-system user to a project, the page would mistakenly display a bunch of JSON text. Now it displays a popup error message to the user to inform them that before users can be added to a project when using ACGs, the user must first be a user in the system. (Ticket #268921b)
- Bug fix: When using Access Control Groups and viewing the list of assigned users on the ACG Control Center page, the page might mistakenly crash with a fatal PHP error in specific scenarios depending on the formatting of a user’s username. (Ticket #269426)

- Bug fix: In CDP projects with temporal mappings, some longitudinal events were missing in the adjudication modal.
- Bug fix: When viewing the Record Status Dashboard, in which some records on the page have been locked at the record level, clicking the link to display "Lock status only" or "Lock and E-signature status" might mistakenly not display the lock icon next to those locked records.
- Bug fix: If any field with a READONLY action tag contains a Descriptive Popup, the popup would mistakenly be faded-out looking (i.e., with opacity 0.6). (Ticket #269360)
- Bug fix: The Rewards-related cron job would mistakenly get set to an incorrect enabled/disabled value in the “redcap_crons” database table, thus causing it to run despite the feature being turned off. (Ticket #269443)
- Bug fix: In CDP/DDP projects, the adjudication modal would show new items but the page header would stay at 0 until a save or refresh.
- Bug fix: The email reminder sent to users by the User Access Dashboard would mistakenly include deleted projects, completed projects, and projects where the user's access has expired. (Ticket #269633)
- Bug fix: The Control Center warning that tells administrators that the REDCap cron job is not running was mistakenly being displayed when the system was in "Offline" mode. It should only display that warning when the system is "Online". (Ticket #269625)

Version 16.0.5(released on 2026-01-01)

- Improvement: Access code protection for public reports and public project dashboards
- Users may optionally set a single access code for a given public report or public project dashboard. Once set, no one will be able to view those pages unless the correct access code

has been entered. Users may define their own custom access code or optionally let REDCap auto-generate one for them.

- Once an access code has been successfully entered on a report or dashboard, if the page is refreshed or visited again in the near future, the viewer will not have to re-enter the access code if returning to the page within REDCap's normal auto-logout time for authenticated users (default: 30 minutes). For example, if the auto-logout time is 30 minutes, and the viewer returns 45 minutes after initially entering the access code, they will have to enter the access code to view the page again.
- New smart variables for reports and project dashboards
- [report-access-code] - Returns the access code for the specified public report, assuming the report has been made public and also that an access code has been defined for the report. A colon + the unique report name of the report must be appended - e.g., [report-access-code:R-2554F4TCNT]. Note: The unique report name can be found in the far right column of the report table. Note: If public reports are not enabled at the system level, this smart variable will not be displayed in the smart variable list.
- [dashboard-access-code] - Returns the access code for the specified public project dashboard, assuming an access code has been defined for the dashboard. A colon + the unique dashboard name of the project dashboard must be appended - e.g., [dashboard-access-code:D-557DRCW87L]. Note: The unique dashboard name can be found in the far right column of the project dashboard table.
- [dashboard-url] - Returns the web address (URL) of the specified public project dashboard. A colon + the unique dashboard name of the project dashboard must be appended - e.g., [dashboard-url:D-557DRCW87L].
- [dashboard-link] - Returns a HTML web link that, when clicked, will navigate to the specified public project dashboard. The format must be [dashboard-link:unique_dash_name] or

[dashboard-link:unique_dash_name:Custom Text]. "Custom Text" is an optional parameter whereby you can specify the visible link text, and if it is not provided, it defaults to the dashboard title.. A colon + the unique dashboard name of the project dashboard must be appended - e.g., [dashboard-url:D-557DRCW87L] or [dashboard-url:D-557DRCW87L:Click to view our dashboard].

- Change: REDCap is now officially compatible with PHP 8.5.
- Important change: Support has been dropped for PHP 8.0. The minimum required PHP version is now PHP 8.1.0.
- Bug fix: If a PDF Snapshot has been set up in a longitudinal project so that it should be triggered by the completion of a survey on a specific event, the snapshot might mistakenly get triggered when that survey is completed on any event instead of just on the specified event. (Ticket #269116)
- Bug fix: In CDP/DDP projects, adjudicating data in a repeating instance would save the value but leave the instance incomplete or invisible in the UI.
- Bug fix: The floating popup tables for repeating instruments might mistakenly be too narrow in some contexts. Also, the repeating instrument tables at the bottom of the Record Home Page might mistakenly be too wide, thus causing fewer tables to fit horizontally at the bottom of the page. (Ticket #269316)
- Bug fix: When a user starts the SMART on FHIR flow for CDIS while already logged into REDCap, the system might not correctly recognize that existing login and thus might not proceed smoothly.
- Bug fix: When creating a new randomization model in a longitudinal project, if stratified randomization is selected, the page might mistakenly display a false error message below the strata field drop-down. (Ticket #268943)



- Bug fix: When using the Scheduling module and viewing a record's scheduled events in the calendar popup, the right-hand data entry form links inside the popup might not work if the forms exist on a repeating event while the event has no data. (Ticket #269037)
- Bug fix: When viewing the Data Quality page, in which the project has one or more Data Access Groups and also has 5000 or more records, the record filter text box for the Data Quality rules might mistakenly be slightly chopped off on the left side of the table. (Ticket #269153)

Version 16.0.4(released on 2025-12-18)

- CDIS-related improvements:
- (Epic only) Introduced updated Break-the-Glass (BTG) detection and management logic to support resource/endpoint-level protection (not just patient-level), ensuring we can track and re-verify BTG based on the specific request that triggered partial/limited data.
- CDIS now enforces a consistent limit on FHIR data pulls in CDP and CDM so responses stay smaller and more manageable, improving reliability and reducing overly large payloads.
- Major bug fix: The developer method REDCap::getUserRights() might mistakenly exit early and return an empty array if the current user doesn't have User Rights privileges in the context in which the method is called. This could adversely affect external modules, hooks, and plugins using this method. Bug emerged in REDCap 16.0.0. (Ticket #268827)
- Major bug fix: When using Form Display Logic with the FDL "Survey Auto-Continue" setting enabled on multiple sequential surveys, in which a participant is taking multiple surveys back to back, specifically within a repeating event, some surveys in the sequence might mistakenly get skipped via FDL when they should not. Note: This bug was supposedly fixed in REDCap

15.5.27 (LTS) and 16.0.2 (Standard) but actually made the issue worse in some cases. (Ticket #267515b)

- Major bug fix: When viewing a public survey in a project that is longitudinal or else the public survey is a repeating instrument or exists on a repeating event, in which the Designated Email Field is enabled in the project and used on that survey, if a record with record name "1" exists in the project with an email address saved for the Designated Email Field, then the public survey would mistakenly always pre-fill the email field on the page with the email address of record "1" in the project.
- Bug fix: If using Access Control Groups where user roles are used in a project, if a user attempts to modify a user role that would result in some users in that role having non-compliant ACG rights afterward, the ACG functionality would mistakenly not prevent the user from modifying the role. (Ticket #268921)
- Bug fix: In CDIS projects, REDCap admins weren't getting a FHIR access token if they weren't added as a project user.
- Bug fix: In some rare instances, the AlertsNotificationsSender cron job might mistakenly crash with a fatal PHP error. (Ticket #266855)
- Bug fix: When loading the Notification Log for "Alerts & Notifications", the "Begin time" text box would be pre-filled with the current time but mistakenly it would be in the wrong time format.
- Bug fix: When using Form Display Logic on an instrument that exists as the only instrument in the current arm or in the whole project, if the FDL always evaluates to false for that instrument for non-yet-created records, then any attempt to create a new record in the user interface would inevitably cause the Record Home Page to keep redirecting to itself in an infinite loop. (Ticket #267914)



- Bug fix: When viewing the Data History popup for a File Upload field, in which one or more versions of the file have been deleted, the info in the popup might mistakenly not list the correct user who deleted the file but instead would attribute the action to the same user that uploaded the file. (Ticket #268958)

Version 16.0.3(released on 2025-12-12)

- Major bug fix: The External Module Framework might mistakenly delay some EM cron jobs from running and thus might send lots of emails to the REDCap admin email address with the subject "REDCap External Module Error". Bug emerged in the previous release.
- Bug fix: The "simultaneous user prevention" check on data entry forms might mistakenly not work and might allow multiple users to access and edit the same record-event-instrument-instance in a project. Bug emerged in REDCap 15.7.0 (Standard); it was supposedly fixed in 16.0.2 (Standard) but mistakenly the bug would persist for users that were in a user role. Note: This issue will only occur if one or both of the users' rights have been modified after the REDCap server has been upgraded to v15.7.0 or to a later version. (Ticket #267556b)
- Bug fix: When a user downloads the Project XML "metadata only" file on the Other Functionality page, the "last_logged_event_exclude_exports" field in the "redcap_projects" database table would mistakenly get updated, which might cause the Rapid Retrieval caching feature not to be as efficient as it should. (Ticket #268756)

Version 16.0.2(released on 2025-12-11)

- Bug fix: Due to an issue in the TinyMCE rich text editor library, a bug may inadvertently hang around and remain in a field despite the fact that the TinyMCE bug has been fixed, in which a specific DIV tag with class "ephox-dragster-blocker" might get invisibly added to a field label

or other text and thus may prevent data entry on or edits to a form or survey. (Ticket #267515)

- Bug fix: If a user is assigned to a Data Access Group and then views the data entry form of a record while in Draft Preview Mode, they would mistakenly be given an error message stating that the current record does not belong to their DAG, which is incorrect. (Ticket #268364)
- Bug fix: If the Google reCAPTCHA feature for public surveys is set to be enabled by default for new projects created, it would mistakenly fail to be enabled when creating a project from a Project Template or when copying a project that itself did not have reCAPTCHA enabled. (Ticket #268732)
- Bug fix: The "Concurrent Users/Respondents" chart on the "User Activity Graphs" page in the Control Center would mistakenly include failed login attempts in its counts. (Ticket #268449)
- Bug fix: The "simultaneous user prevention" check on data entry forms might mistakenly not work and might allow multiple users to access and edit the same record-event-instrument-instance in a project. Bug emerged in REDCap 15.7.0 (Standard). Note: This issue will only occur if one or both of the users' rights have been modified after the REDCap server has been upgraded to v15.7.0 or to a later version. (Ticket #267556)
- Bug fix: Users might be able to restore any archived conversation in REDCap Messenger, even if they do not belong to that conversation or do not have permissions to archive/restore it. (Ticket #268453)
- Bug fix: When using Form Display Logic with the FDL "Survey Auto-Continue" setting enabled on multiple sequential surveys, in which a participant is taking multiple surveys back to back, some surveys in the sequence might mistakenly get skipped via FDL when they should not. (Ticket #267515)



- Bug fix: When using Send-It to email a file, it is possible to enter the same recipient email address multiple times and thus have it send the same email X number of times to the same recipient. (Ticket #268452)

Version 16.0.1(released on 2025-12-06)

- Change: Stats for "Unique users that logged in (past month)" and "Unique users that logged in (past 6 months)" were added to the bottom of the System Statistics page in the Control Center.
- Change: The configuration setting "Restricted file types for uploaded files" was moved from the "Security & Authentication" page to the "File Upload Settings" page in the Control Center. (Ticket #268336)
- Bug fix: If fields from one page in a multi-page survey are embedded into another page on that survey, in which a calculated field exists on that other survey page and includes the embedded field(s) in the calculation, the fields would mistakenly get embedded on the other survey page, which should not happen and should result in an error because fields can only be embedded on the page in which they are located. In this situation, an error message should be displayed on the page where the fields are embedded. Note: This bug could result in values not getting saved for the embedded fields. (Ticket #267864)
- Bug fix: When using Shibboleth authentication, the login page might not fully function due to a JavaScript error on the page. (Ticket #268336)
- Bug fix: When using multiple IDPs with Shibboleth authentication, clicking the tabs on the login page to select a different IDP would mistakenly display HTML tags in the login instruction text (rather than interpreting the HTML) if the text contained any HTML.

Version 16.0.0(released on 2025-12-04)



- Change/improvement: A new CDIS-related cron job was added to perform weekly cleanup to prune expired FHIR tokens and to help prevent memory issues.
- Change: Added 2 new data tables and 3 new log_event tables to help long-term performance going forward.
- Bug fix: A query from the upgrade script of the previous version might mistakenly fail with an error if using MySQL. (Ticket #267867)
- Bug fix: An issue would occur when performing field mapping for Clinical Data Pull where disabled FHIR mapping entries were still clickable, causing a UI glitch on the page. Disabled items are now non-interactive while their warning messages remain visible.
- Bug fix: Fixed a bug in CDIS FHIR Token Manager where providing a patient ID caused non-matching tokens to be excluded, leaving no token if a patient-specific one wasn't available. Now tokens are prioritized (matching patient, then no patient, then other patients) so a usable token is still returned while favoring patient-specific tokens.
- Bug fix: Fixed a bug in the CDP/DDP adjudication flow so that after data is initially cached, the configured data_fetch_interval is still honored for refetching.
- Bug fix: For usernames with certain characters in them (such as @), the "Last Used" column might fail to load on the API token pages in projects and in the Control Center. (Ticket #267916)
- Bug fix: In certain rare situations, INSERT queries to the "redcap_outgoing_email_sms_log" database table might mistakenly keep going in an infinite loop until the script ultimately times out. In that case, it now only performs 10 attempts before giving up. (Ticket #268066)
- Bug fix: Regarding CDIS FHIR access token management, an issue existed when a token was selected when no project context exists (e.g., patient portal after EHR launch). Also included are various token-related CDIS optimizations, such as the following:



    - Prevent token pile-ups and memory blowups by pruning old tokens per user/EHR, keeping only the newest, and narrowing token lookups by patient when provided.
    - Separate patient/MRN mappings into token-less rows so mappings are preserved while old tokens can be safely deleted; add backfill and cleanup so stale mappings are removed after 90 days.
    - Add an upgrade-time cleanup to purge expired/duplicate tokens, preserve mappings, and trim old mapping-only rows; runtime purge now also de-duplicates and prunes.
    - Harden CI tests by creating a temporary test user and covering the new pruning and cleanup behaviors.
- Bug fix: When the text result of a CALCTEXT field contains a "less than" symbol (<) followed by some text, the symbol would mistakenly be replaced with its own HTML entity when displaying the result as the field value. (Ticket #257374)
- Bug fix: When using "Shibboleth & Table-based" authentication, the Shibboleth login URL that is displayed on the REDCap login page might get mangled in certain situations, thus making it impossible for users to log in via Shibboleth. (Ticket #267870)
- Bug fix: When using Twilio or Mosio, REDCap would fail to send SMS messages from North American phone numbers that are toll-free phone numbers (e.g., begin with 800 or 877). Bug emerged in REDCap 15.5.23 LTS and 15.9.2 Standard Release.
- Bug fix: When using a designated email field in a longitudinal project, in which the field's instrument is designated for multiple events and is enabled as a survey on one or more events, if the field already has a saved value and then its instrument is opened as a survey on an event where the field does not have a value saved yet, the designated email field would mistakenly not get pre-filled on the survey page with its saved value from the other event.

Version 15.9.3(released on 2025-11-26)

- Change/improvement: The project logging page now always displays "SYSTEM" in the "Filter by username" drop-down. (Ticket #267521)
- Bug fix: Certain automated emails sent to users from the system that append the institution name to the email subject might mistakenly end up with HTML tags in the subject, which looks odd and might cause the email to be flagged as spam. (Ticket #222997)
- Bug fix: If a logo is utilized on the REDCap login page and the logo's width is less than 850px, the logo would mistakenly appear unexpectedly large on the page. Bug emerged in the previous release. (Ticket #267586)
- Bug fix: In MyCap-enabled projects, certain Form Display Logic conditions that have [user-*] smart variables might result in a fatal error when joining a project via the MyCap app. (Ticket #267662)
- Bug fix: In a longitudinal project that has a calc/CALCTEXT/CALCDATE field with logic that references a field on a repeating instrument that is defined as a repeating instrument on multiple events in the project, if the field is prepended with a unique event name in the logic, a calculation error might mistakenly be displayed when viewing the field's data entry form or survey page. (Ticket #267650)
- Bug fix: When a user is given form-level "Delete" privileges on the User Rights page for their Data Viewing Rights, in which the Edit User dialog is opened again afterward, the "Delete" privilege checkboxes would mistakenly not be checked. This could cause users to inadvertently remove a user's form-level "Delete" privilege when editing their user rights.
- Bug fix: When a user is logging in via Entra ID, in which the setting "AD attribute to use for REDCap username" is set to "userPrincipalName" and Endpoint Version "V2" is being used,



REDCap would mistakenly always set every user's REDCap username to be their email address rather than the value returned from the userPrincipalName claim. (Ticket #267654)

- Bug fix: When using Clinical Data Pull, the Record Status Dashboard might mistakenly crash due to query limits with large CDP mapping sets. (Ticket #267571)

Version 15.9.2(released on 2025-11-20)

- Major bug fix: When using randomization with automatic triggering logic, in which a user triggers the logic by submitting a data entry form at the same time that they are locking the form, the record would only get partially randomized (i.e., it would be logged as having been randomized but the randomization field value would not get saved). (Ticket #267130)
- Change/improvement: If a REDCap admin initiates an Easy Upgrade, the initiation and completion (or failure) of the Easy Upgrade process is now logged and thus can be seen on the User Activity Log page. (Ticket #267033)
- Change: For consistency with the Online Designer, uploading a data dictionary that contains multiple choice fields without any choices will now only return a warning, whereas previous versions would return an error. (Ticket #267306)
- Change: The "My Projects" page was widened slightly.
- Change: The Duo Library for Two-Factor Authentication has been updated to the latest version. (Ticket #266441)
- Bug fix: Dynamic variables used in emails on the "Email Users" were not replaced correctly when two different user accounts used the same email address. (Ticket #262910)
- Bug fix: If a logo is utilized on the REDCap login page and the logo is fairly wide, the logo would mistakenly run off the page when viewed on a mobile device.



- Bug fix: In some server environments, the REDCap cron job might fail with a fatal PHP error due to "REQUEST_METHOD" not being defined in the SERVER superglobal array. (Ticket #267454)
- Bug fix: The "deactivated action tag" indicator/icon was not being displayed in the Online Designer on fields that have one or more action tags that are "deactivated" via the Quick Modify Field popup.
- Bug fix: The cron job that sends emails for Alerts & Notifications might mistakenly fail with a fatal PHP error in some unexpected situations. (Ticket #267335)
- Bug fix: Users were mistakenly allowed to delete the MyCap baseline date field in the Online Designer for MyCap-enabled longitudinal projects.
- Bug fix: When uploading a PDF consent form for a survey utilizing the e-Consent Framework, in which the PDF file does not successfully upload (e.g., exceeds max file size), the version number that the user set for that consent form would mistakenly be taken/occupied afterward and thus would prevent that version number from being used by subsequent consent forms that are uploaded. (Ticket #267441)
- Bug fix: When using CDP/DDP, a fix for a multiple-mapping bug now prevents blank results when two clinical data sources feed the same REDCap field by keeping the populated value and still flagging the duplicate, so users no longer lose data when one mapping returns nothing.
- Bug fix: When using Twilio or Mosio, REDCap would fail to send SMS messages to North American phone numbers with certain newer area codes, specifically 235, 279, 324, 329, 350, 353, 363, 364, 436, 448, 472, 531, 572, 582, 624, 640, 645, 680, 686, 726, 728, 743, 771, 820, 826, 838 840, 861, 930, 938, 943, 945, 948, 983. This issue was supposedly fixed in 15.5.14 LTS and 15.7.3 Standard, but mistakenly it was not. (Ticket #267265)



- Bug fix: When viewing a multi-page survey on a mobile device, the "Previous Page" and "Next Page" buttons might mistakenly overflow off the left and right sides of the survey page. (Ticket #267182)
- Bug: Users are now prevented from moving a MyCap-enabled task to the top/first position in the instrument list in the Online Designer. This is prevented because doing this causes issues with MyCap implementation.

Version 15.9.1(released on 2025-11-14)

- Major bug fix: When a user role is being created by importing user roles via CSV file or API, the form-level data viewing rights of the new role might mistakenly not be set correctly. Bug emerged in the previous version. (Ticket #266824b)

Version 15.9.0(released on 2025-11-13)

- Medium security fix: A Reflected XSS (Cross-site Scripting) vulnerability was discovered, in which a malicious user could potentially exploit it by inserting custom HTML and JavaScript in a specially crafted way into DAG-related CSV files that can be uploaded on the Data Access Groups page in a project. This can only be exploited by authenticated users that have "Data Access Groups" privileges. Bug exists in REDCap 10.4.0 and higher.
- Medium security fix: A Stored XSS (Cross-site Scripting) vulnerability was discovered, in which a malicious user could potentially exploit it by inserting custom HTML and JavaScript in a specially crafted way into a user's first name or last name field in a CSV file uploaded on the "Create Users (Bulk Upload)" page in the Control Center, in which it could then be seen exploited on the "Browse Users" page. This vulnerability can only be exploited by authenticated users, specifically REDCap admins that have "Manage User Accounts" admin



privileges. Also, only installations using "Table-based" authentication or one of the "X & Table-based" authentications are affected. Bug exists in all versions of REDCap.

- Improvement: Ability to delete many (or all) Data Quality Rules in a project. (Ticket #245562)
- Improvement: Multi-race mapping support in CDIS - CDIS projects can now map every race sent by the EHR without breaking existing single-value setups. A new optional "Race (all coded values)" field captures multiple race codes and surfaces them throughout Data Mart, Clinical Data Pull, and Mapping Helper so downstream workflows can store and review the full set of available races.
- Improvement: New "Link Lookup" page - The "Survey Link Lookup" page in the Control Center has been rebranded and enhanced. The page not only includes the ability to find the project/record of a survey link, but it has been expanded to also search on survey queue links, public report links, and public project dashboard links.
- Improvement: New setting for the Data Resolution Workflow - Users may enable a new project-level setting "Prevent calc/CALCTEXT fields with closed/verified data queries from being fixed by DQ rule H" in the DRW section of the "Additional Customizations" dialog on the Project Setup page. If using DRW when some calc/CALCTEXT fields have a Verified or Closed data query status, users running DQ rule H may now control whether or not the "Fix calcs now" button in the dialog will fix the value of those fields. In previous versions, DR rule H would automatically exclude calc/CALCTEXT fields with closed/verified status so that they could not be fixed. By default, this new setting is enabled/checked for all existing projects that have DRW enabled in order to maintain backward compatibility. (Ticket #259773b)
- Improvement: New smart variable [project-irb-number] - IRB number of the current project (if specified in the project).

- Improvement: New smart variable [project-purpose] - Returns integer as purpose of the current project (0=Practice/Just for fun, 1=Other, 2=Research, 3=Quality Improvement, 4=Operational Support).
- Improvement: New smart variable [project-status] - Returns integer as status of the current project (0=Development, 1=Production, 2=Analysis/Cleanup).
- Improvement: New smart variable [project-title] - Displays the title of the current project.
- Improvement: The "Custom footer text for survey pages" can now be set on the Default Project Settings page in the Control Center so that the custom survey footer text will be automatically added to the surveys of all newly created projects. In previous versions, this custom text could only be set for individual projects manually after the project had been created. (Ticket #260122)
- Improvement: The "Help & FAQ" page has been updated with new content (thanks to the FAQ Committee).
- Improvement: The CDIS Data Mart FHIR data fetching process has been updated to run each MRN and resource (including paginated FHIR results) in separate subprocesses. This change improves performance, prevents memory and timeout issues, and provides real-time progress feedback to users during data retrieval.
- Major bug fix: When using the E-signature feature at the bottom of a data entry form, in which the instrument has been completed partially or fully as a survey response prior to performing the E-signature, the page would mistakenly display the "Reload site? Changes you made may not be saved" prompt after clicking "Save" when e-signing the form. If the user clicked Cancel in the prompt, the page would get e-signed but would not appear e-signed until reloaded. And if the user clicked Reload in the prompt, the page would perform the e-sign and reload the page, but the user would lose any data changes made on the form. Bug emerged in REDCap 15.0.29 LTS and 15.4.5 Standard. (Ticket #266988)

- Change/improvement: Improved handling of empty data in Clinical Data Pull adjudication - Fixed an issue where the adjudication interface in CDP/DDP projects displayed error messages when no clinical data was available for a patient record. The system now gracefully displays an empty results screen with a count of 0 items instead of showing confusing error text.
- Bug fix: For unknown reasons, for some specific web server configurations, the EraseTwilioWebsiteLog cron job might mistakenly fail with a PHP fatal error. (Ticket #266964)
- Bug fix: If REDCap's Two-Factor Authentication is enabled and the two 2FA settings "Allow users to e-sign using their Two-Factor Authentication 6-digit PIN in place of their password" and "When e-signing, allow users to provide their 6-digit PIN only once per session" are also enabled, in which the REDCap installation is using an "X & Tabled-based" authentication method and the current user is a Table-based user, then the once-per-session E-signing feature would mistakenly not work and would require that the user enter their Password or PIN every time. (Ticket #267029)
- Bug fix: If a survey page is called via a HEAD request (e.g., in the background by a third-party link verification service), some SQL queries related to retrieving data for piping on the survey page might not get optimized correctly and thus might run a lot longer than intended, thus degrading performance of the database server. (Ticket #246425b)
- Bug fix: In some cases, DDP Custom projects displayed an error instead of their expected data. This issue affected both the adjudication and mapping pages, preventing users from viewing or configuring project details. Additional safeguards have now been implemented to ensure that DDP Custom workflows are processed correctly and that data loads reliably across all related pages. (Ticket #266572)



- Bug fix: The "Auto-fill form" feature on data entry forms would mistakenly check the E-signature checkbox (if enabled) at the bottom of the page. The Auto-fill feature is not meant to check the Lock or E-signature checkboxes.
- Bug fix: The Record List Cache was being reset unnecessarily in certain situations, such as when creating a new record in a project.
- Bug fix: When a Descriptive Popup is created or edited, the page would fail to display a "success" message to the user and would just reload the page, making it appear as if the changes might not have been saved. It now displays a "success" message and redirects the user back to the main Descriptive Popups page after saving. (Ticket #266856)
- Bug fix: When a REDCap admin is creating a new project from a Project Template, the admin's Data Viewing Rights in the resulting project would mistakenly be blank when viewed in the table on the User Rights page. Note: This would not impact their actual perceived user rights in the project though.
- Bug fix: When a user role is being created by importing user roles via CSV file, the form-level data viewing rights of the new role might mistakenly not be set correctly or might result in a fatal PHP error during the upload process. (Ticket #266824)
- Bug fix: When moving multiple fields via the Quick-Modify Fields feature in the Online Designer, in which the fields are moved to the top of another form, not all the fields would get moved properly, and in some cases the form to which the fields are moved may lose its form label. (Ticket #266668)
- Bug fix: When the Record ID field is set to be hidden via the "Hide Record ID from PDF header" setting in the "Additional Customizations" popup on the Project Setup page, the Record ID field would mistakenly not be hidden in the PDF header when specifically selecting the PDF download option "This data entry from with saved data (via browser's Save as PDF)" while on a data entry form. (Ticket #111718c)



- Bug fix: When the send time of an Alert or Automated Survey Invitation is based on the time difference with respect to a datetime field's value, in which the field has an invalid time component (e.g. "25:00"), the Alert/ASI cron job would crash with a fatal PHP error. In this situation, it will now fail gracefully and just assume a value of "00:00:00". (Ticket #266911)

Version 15.8.4(released on 2025-11-06)

- Medium security fix: A Reflected XSS (Cross-site Scripting) vulnerability was discovered, in which a malicious user could potentially exploit it by inserting custom HTML and JavaScript in a specially crafted way into the URL. This can be exploited on any non-survey page so long as the user is not logged in, and this only affects REDCap installations using "OpenID Connect" or "OpenID Connect & Table-based" authentication. Bug exists in REDCap 15.7.0 Standard and higher. Note: This does not affect any LTS versions.
- Improvement/change: When setting a "Custom Participant Label" for MyCap, it now provides suggested variable names and smart variables to the user as they type in the "Custom Participant Label" text box on the MyCap Participant List page.
- Improvement: A "Username" filter was added as an option on the Email Users page in the Control Center. (Ticket #266662)
- Improvement: Added a search option to each MyCap message thread to allow users to search within the message text inside the Message history popup.
- Improvement: Users may now utilize the [survey-link] Smart Variable in the field label for fields in MyCap tasks so that they appear as hyperlinks in the MyCap app. Clicking on such a survey link in the app will open the default web browser on the mobile device.
- Major bug fix: When doing a fresh install of REDCap, the process would fail due to a SQL error in the installation SQL script. Bug emerged in REDCap 15.8.2.

- Change/bug fix: When using CDIS, the feedback returned when attempting to obtain a FHIR token during the "Break the Glass" process has been improved, providing clearer and more informative responses. This also fixes several issues related to missing or incorrect language keys in CDIS features.
- Change: On the MyCap "App Settings" page, the Purple theme colors now match the colors that appear in the app when selecting the theme as "Purple". Also, the "Purple" theme is now the default for newly created projects via project template or upon enabling MyCap.
- Change: The instructional text on the Bulk Record Delete page has been modified for clarity and accuracy.
- Bug fix: Any embedded images in outgoing emails, such as in survey invitations and alerts, would mistakenly not be displayed as expected in the email body and would also remain in the email as broken URLs that require authentication if the inline images were added while on a version prior to 15.5.15 LTS and 15.7.4 Standard. (Ticket #266361)
- Bug fix: CDIS-related issues with appointment searches and category labeling for external EHRs. 1) Appointment retrieval in Cerner/Oracle Health now sends the expected ge/lt timestamp filters with UTC offsets, keeping those visits visible. 2) Core Characteristic observations in non-Epic environments now surface under Laboratory so they continue to flow through projects. 3) Laboratory mappings that really belong with Core Characteristics are relabeled to keep related data together. (Ticket #262882, #264467)
- Bug fix: HTML tags might mistakenly appear as visible in the "MyCap Messages: Inbox" list when using the rich text editor in MyCap messages.
- Bug fix: If a user is using their Calendar Feed URL in a project and then they are removed from the project, their Calendar Feed would mistakenly still work and would still populate events in an external calendar application. It now correctly returns nothing in this situation. (Ticket #265827)



- Bug fix: If the name of a Data Access Group contains apostrophes or quotes, a CSV Labels data export that contains the DAG column would mistakenly display those characters as HTML character codes. Bug emerged in REDCap 15.5.20 LTS and 15.8.2 Standard.
- Bug fix: In certain situations when Randomization is used together in a project with PDF Snapshots or e-Consent when copying a project and all its records, the Copy Project process might mistakenly fail and simply redirect the user back to the REDCap Home Page. (Ticket #266447)
- Bug fix: On the Email Users page, the recipient list wasn't being generated correctly when using either the User Activity rule or the User Expiration rule.This would occur for certain versions of MySQL. (Ticket #266276)
- Bug fix: The Online Designer's "Go to field" widget was not working as intended.
- Bug fix: The REDCap Messenger icon that indicates that the current user has unread messages might mistakenly not be displayed. Additionally, the count of unread messages displayed next to the user's conversation titles might mistakenly not be displayed.
- Bug fix: The check was removed for the MySQl 8.4.0+ setting "restrict_fk_on_non_standard_key" on the Configuration Check page because it was misleading and not correct. Bug emerged in REDCap 15.5.10 LTS and 15.6.1 Standard.
- Bug fix: Users might get a ERR_TOO_MANY_REDIRECTS error in their browser when trying to reset their password on the login page.
- Bug fix: When REDCap is generating a list of all records in a project on certain pages (e.g., Record Status Dashboard, Add/Edit Records), it was mistakenly performing some extra operations that were not necessary, thus possibly causing the page to load slower than expected.



- Bug fix: When REDCap is pulling data for a single record in certain situations (e.g., piping on a data entry page), it was mistakenly performing some extra operations that were not necessary, thus possibly causing the page to load slower than expected. (Ticket #246425)
- Bug fix: When a project is in development status and contains an Adaptive or Auto-Scoring instrument that was downloaded from the REDCap Shared Library, if the user is removing the library instrument via a Data Dictionary upload, the Shared Library's "Agree to Terms to Use" dialog would mistakenly be displayed whenever the user attempts to download the Data Dictionary in the future, despite the fact that the library instrument no longer exists in the project. (Ticket #265910)
- Bug fix: When copying a project that has randomization enabled, in which all the records are being copied to the new project, REDCap would mistakenly copy the data of the randomization field(s) for any records that were already randomized. If a record is already randomized, the randomization field's value should not be copied to the new project.
- Bug fix: When exporting a project's Project XML file (metadata + data), in which the "Export survey identifier field and survey timestamp fields" checkbox is checked, the resulting project created from that XML file would mistakenly have the survey fields created as real project fields, which would cause issues later because such fields are reserved and thus are never expected to be real fields.
- Bug fix: When performing a data import that contains repeating event data with "new" as the "redcap_repeat_instance" value, any alerts that are to be triggered using an [X-instance] smart variable (e.g., [field][current-instance]="2") might mistakenly not get triggered for the first instance of the repeating event during the data import process. (Ticket #266512)
- Bug fix: When the send time of an Alert or Automated Survey Invitation is based on the time difference with respect to a date/datetime field's value or when the Alert/ASI was triggered, it would mistakenly not respect time changes related to Daylight Saving Time when



determining the send time. For example, if an ASI is set to send 7 days after a specific date field, in which the date is in DST but 7 days after falls in Standard Time, the Alert/ASI might be scheduled to be sent one day too early. (Ticket #266568)

Version 15.8.3(released on 2025-10-29)

- Bug fix: When upgrading to REDCap 15.8.2 Standard, the upgrade page would mistakenly say that REDCap needs to be taken offline prior to upgrading, which is not actually needed. This would make the upgrade process more cumbersome for many REDCap installations, especially those using Easy Upgrade. Bug emerged in the previous version. Note: If you have already upgraded to 15.8.2 and there are no database table structure warnings in the Control Center, then there is no need to upgrade to 15.8.3.

Version 15.8.2(released on 2025-10-29)

- Major security fix: A Stored XSS (Cross-site Scripting) vulnerability was discovered, in which a malicious user could potentially exploit it by inserting custom HTML and JavaScript in a specially crafted way into the name of a Data Access Group. This vulnerability can only be exploited by authenticated users that have privileges to the Data Access Group page in a project. Bug exists in all versions of REDCap.
- Improvement: The "Manage All Project Tokens" page in the Control Center now indicates when a user is suspended. (Ticket #266290)
- Major bug fix: When a user is uploading a file to a File Upload field using the API Import File method in a longitudinal project, in some cases the file might not get fully saved correctly. Bug emerged in the previous version.



- Bug fix: The API method "Import Project Info" would mistakenly ignore the Project P.I. email address attribute (if provided in the API import request), and additionally, the "Export Project Info" API method would not export that field. The API now allows for the import/export of that field as "project_pi_email", which is used only for projects with "Research" purpose.
- Bug fix: When executing Data Quality rule E, if no numerical fields (i.e., calcs, sliders, or number/integer-validated text fields) exist in the project or if the user does not have access to numerical fields via their form-level Data Viewing Rights, DQ rule E might mistakenly return discrepancies for multiple choice fields that have numerical codings. Instead, DQ rule E should always ignore multiple choice fields. (Ticket #265966)
- Bug fix: When set to write cache files to the database (instead of as files), the Rapid Retrieval caching mechanism might fail due to unexpected record locks in the database, thus preventing large data operations from completing. This fix now handles such lock errors with several retry attempts and then a graceful fallback, and the details of the exhausted attempts will be written to the REDCap error log table. (Ticket #266077)
- Bug fix: When using Double Data Entry in a project, if the current user is DDE person 1 or 2, clicking on some form status icons on the Record Status Dashboard or Record Home Page would not lead to the expected record but instead would take the user to the Record Home Page and say that a new record is being created. (Ticket #265887)

Version 15.8.1(released on 2025-10-22)

- Improvement: REDCap's cookie policy text is now translatable via Multi-Language Management. The cookie link text and dialog text can be found under the User Interface tab in the MLM setup page. (Ticket #265401)



- Improvement: The CDIS-based functionality that interfaces with Epic's "Break the Glass" (BTG) feature has been improved. Previously, BTG tokens were requested immediately when a protected patient was detected, but these tokens (in some conditions) expired too quickly to be useful. Now, REDCap waits to request a token until the user actually chooses to break the glass, ensuring that it is always valid. In addition, identified patients will now remain on the list for five days (instead of just one day), thus giving users more time to review and take action.
- Major bug fix: When a user is uploading a file to a File Upload field using the API Import File method, if the project is longitudinal and the field's form currently has no data on the event to which the file is being uploaded, the file would get stored in the REDCap system and would be logged on the project Logging page correctly, but the file would mistakenly not appear attached to the File Upload field afterward. Bug emerged in REDCap 15.0.15 LTS and 15.2.2 Standard. (Ticket #265877)
- Bug fix: If the "Contact person web address/URL" setting has been set in the Control Center, several user-facing error messages (e.g., suspended user message) would mistakenly not display the URL but would instead display an empty "mailto" link. (Ticket #265673)
- Bug fix: If the project title contains HTML tags, those tags would mistakenly appear in the webpage title in the browser tab. It now strips all HTML from the title as it appears in the user's browser tab.
- Bug fix: In a MyCap-enabled project in production status, users might be unable to fix MyCap-related warnings using the "Fix issues" button.
- Bug fix: In the context menu (accessed via right-click) of the TinyMCE rich text editor, the "Paste" option was removed because it would never work in any browser due to browser security settings. Note: Users can still paste any content into the editor via Ctrl-V/Cmd-V.



- Bug fix: On surveys with multiple pages, the prev/next buttons were not swapped for right-to-left (RTL) languages.
- Bug fix: Several missing LOINC codes were added to the CDIS mapping features.
- Bug fix: The MyCap-related action tag MC-TASK-SERIALIZEDRESULT was mistakenly misspelled in the action tag list.
- Bug fix: When Clinical Data Pull projects, fixed inaccurate handling of fractional day offsets in date adjustments. The function now converts offsets to seconds for precise calculations, supports values between 0.01 and 365 days, and safely handles both string and DateTime inputs. (Ticket #265371)
- Bug fix: When a user is prompted on a data entry form to erase the values of fields that should be hidden by branching logic (due to a field's value changing on the form), in which the user chooses to erase the values, if any of those fields are located inside a matrix and all the fields in the matrix are now hidden afterward, the matrix header row might mistakenly still be visible on the page, even though all the fields in the matrix are hidden.
- Bug fix: When copying a project or importing a Project XML file, MLM translations for Descriptive Popups were mistakenly not available in the newly created project.
- Bug fix: When exporting data to SPSS, the SPSS import script might mistakenly fail for specific non-numeric coded values. (Ticket #265156)
- Bug fix: When freeform text data containing email addresses is displayed on a report, any email addresses that are wrapped in parentheses would mistakenly have the parentheses added as part of the email address "mailto" hyperlink when displayed on the report.
- Bug fix: When taking a survey, in which some field values are added and then the participant attempts to navigate away from the page or close their browser tab, in some cases the prompt "Leaving site? Changes you made may not be saved." would mistakenly not be displayed before allowing them to leave the survey.

- Bug fix: When the Development Record Limit feature is enabled while a user is attempting to use Data Quality rule H, in certain cases an error might mistakenly be returned and would prevent the user from auto-fixing calculations in the project. (Ticket #265411)
- Bug fix: When using Clinical Data Pull in a project, the Project Home page might still load slowly for some projects.
- Bug fix: When using a designated email field that exists on a repeating instrument, in which that designated email field is utilized in a CALCTEXT field, it is possible that new repeating instances of that instrument could be suddenly created whenever a user saves data on that data entry form. (Ticket #265430)

Version 15.8.0(released on 2025-10-09)

- New feature: Import and export survey settings as a CSV file - All settings found on the Survey Settings page can now be exported and imported using a CSV file. A new "Survey Settings" drop-down button will appear in the Online Designer. The dialog for importing the file will list all valid values for some settings that are not obvious, such as multiple choice mappings. Note: The CSV file does not include binary files, such as the Survey Logo and Confirmation Email Attachment.
- New feature: dayoftheweek() function - Determine the day of the week for a given date or datetime. An integer will be returned corresponding to a specific day of the week as follows: 1=Monday, 2=Tuesday, 3=Wednesday, 4=Thursday, 5=Friday, 6=Saturday, 7=Sunday. Example: dayoftheweek([visit_date]). NOTE: You may use "today" or "now" as the date parameter in the function, which can prove helpful for triggering an Alert or ASI to be triggered on weekdays but not weekends, for example - e.g., dayoftheweek("today") < 6 (this means that the Alert/ASI will not trigger on Saturday or Sunday).



- Security improvement: Improved enforcement of the Restricted Upload File Types setting - In previous versions, the Restricted Upload File Types setting would prevent files from being uploaded by users based solely on the file's extension. In the case the a file's extension has been renamed to obscure its true form (e.g., maliciousfile.exe to resume.txt), REDCap will now validate the true mime type (file extension) of the file when cross-referencing it with an extension listed in the Restricted Upload File Types setting.
- Change: In the Additional Customizations popup on the Project Setup page, a warning has been added to the text for the "Designate a Secondary Unique Field" feature. To encourage best practices, it says the following: "It is recommended that you NOT use the Secondary Unique Field on a survey for an identifier field, such as Medical Record Number, Social Security Number, or email address, because doing so may give a survey participant the ability to test if certain values have already been used for that field in order to determine the identity of a specific person who has taken the survey."
- Bug fix: Fixed warning displayed during the data retrieval phase of a CDP project.
- Bug fix: For some specific server configurations, the External Service Checks on the Configuration Check page might appear to fail sporadically, even though the REDCap server is able to successfully communicate with those services.
- Bug fix: In some cases when using MLM on a survey, piped values in the survey instructions were not rendered in the correct language. (Ticket #265045)
- Bug fix: When a non-e-Consent PDF Snapshot is being saved to the File Repository and/or File Upload field, fields on the survey that have the HIDDEN action tag might mistakenly not be visible in the resulting PDF Snapshot. Fields with the HIDDEN action tag should only be hidden in PDF Snapshots that are generated via the e-Consent Framework.



- Bug fix: When entering numeric choice options without labels into the Choices text box in the Edit Field dialog in the Online Designer, in some cases it may not auto-suggest the coded choice options correctly and thus might mistakenly duplicate some. (Ticket #265074)
- Bug fix: When moving a field using the Move icon in the Online Designer, the process might fail with a fatal PHP error if the project is in Draft Mode while in production status. (Ticket #265052)
- Bug fix: When using Clinical Data Pull for CDIS, when using the CDP adjudication process, data saved through the adjudication table would not display correctly in the matching form. The fix ensures adjudicated data is now properly persisted and visible. (Ticket #265019)

Version 15.7.5(released on 2025-10-02)

- Improvement: The table on the System Statistics page in the Control Center now has a Download button to allow admins to download the table as a CSV file. (Ticket #25478)
- Improvements: More improvements for Clinical Data Pull's adjudication flow - Item counts now reflect transformer-adjusted values, the modal always offers Save when selections are possible, forced reloads after saving are gone, and each launch pulls fresh data from the EHR.
- Change/improvement: Adds a MyCap notice message in the Online Designer for users who have had MyCap enabled for more than 30 days but have no MyCap tasks enabled.
- Change/improvement: For the task setting for a MyCap task, if the selected chart field is not set as 'Required' in the instrument, it now displays a warning next to the selected field that it is recommended to set this field to 'Required' to ensure that the chart functions properly in the MyCap app.
- Change: General optimizations for the CDP Dashboard.

- Change: When a user is editing user privileges on the User Rights page, in which the user initially does not have "Delete Records" rights, but then the "Delete Records" checkbox is checked and then unchecked while the dialog is still open/unsaved, it previously would leave all the form-level Delete rights as checked. It now leaves them all unchecked in this case and also notifies the user of this. (Ticket #264262)
- Bug fix: CALCTEXT fields utilizing text string related special functions (excluding the "if" and "concat" functions) where a plus sign (+) is used inside quotes in the calculation, an unexpected result might occur. (Ticket #264586)
- Bug fix: CDIS users could lose their first action if they were prompted for Single Sign-On (SSO) or two-factor authentication (2FA). This fix ensures that authentication is completed up front in the CDIS patient portal by running a lightweight check as soon as a page is loaded, which triggers the login or 2FA process if needed.
- Bug fix: Data entry forms on repeating events were not accessible from the View/Edit Calendar Event popup view. (Ticket #264200)
- Bug fix: For CDIS projects, the way EHR access is checked for users in a project has been changed. Previously, projects with CDIS enabled and a large number of users could take an unusually long time to load because of how access was being verified. With this update, access is now checked in a more reliable way, preventing the delays that were occurring. (Ticket #264479)
- Bug fix: For some CDIS-related processes, users at institutions without 2FA could get stuck on a blank authentication check page. The CDIS pre-authentication check now properly redirects users back to the patient mapping page regardless of whether their institution uses 2FA or not.



- Bug fix: If the Universal DO-NOT-REPLY Email Address is enabled in the system, it was mistakenly not being used as the From address for automated emails sent to participants after clicking "Save & Return Later" on surveys. (Ticket #264435)
- Bug fix: In a Twilio- or Mosio-enabled project that has Automated Survey Invitations enabled, the Online Designer might mistakenly display a warning icon saying that an email field has not been designated, even when an ASI is using SMS as the invitation type. In these types of situations, the warnings should not be displayed. (Ticket #263723)
- Bug fix: In some extremely rare situations, REDCap's JavaScript-based sanitization process for user-defined text input might mistakenly cause data entry forms and survey pages to never fully load.
- Bug fix: In the Online Designer, moving a field to the top of another form might mistakenly result in an error. (Ticket #264470)
- Bug fix: It is possible for participants of a multi-page survey to inject valid fields onto the page (using JavaScript in their browser console or using an EM or hook), in which the fields exist on the survey but are not on the current survey page, so that the value of the injected field would get saved. While this is not a security concern, it could cause possible issues downstream in multi-page surveys and is generally not a recommended practice. If this is attempted in the future, REDCap will merely ignore any fields submitted on the survey if they do not exist on the currently-submitted survey page. (Ticket #264152)
- Bug fix: On some rare occasions when automated emails are going out to users to notify them that their account will expire soon, it may mistakenly CC a random person who is not the sponsor of the user. Note: Only sponsors should be CC'd on this email. (Ticket #258732)
- Bug fix: The documentation for the HIDDEN-PDF action tag has been modified for clarity because it was missing some important information about how in participant-facing PDF downloads/snapshots, such as e-Consent PDF snapshots, the HIDDEN and HIDDEN-SURVEY

action tags will hide fields in the PDF as a way to accurately simulate what the participant saw on the survey page. Whereas in non-participant-facing contexts (e.g., user downloading PDF on data entry form), only the HIDDEN-PDF action tag will hide fields in the resulting PDF. (Ticket #264466)

- Bug fix: Utilizing "now" as a min or max range check for a Text field with "HH:MM:SS" or "MM:SS" time validation would have unexpected results or would not work at all on data entry forms and survey pages. (Ticket #264549)
- Bug fix: When a participant has completed an e-Consent survey, in which some fields on the survey have the HIDDEN and HIDDEN-SURVEY action tag, those fields would mistakenly be visible in the resulting PDF of the participant's responses that is saved in the File Repository and/or File Upload field. This has been fixed so that the PDF viewed by the participant on the certification screen matches the e-Consent PDF that is stored in REDCap. (Ticket #264466b)
- Bug fix: When changing the variable name of a matrix field in the "Edit Matrix" dialog in the Online Designer, in which the matrix field had branching logic, the branching logic would mistakenly get deleted after the variable name change. (Ticket #69589)
- Bug fix: When moving a field using the Move icon in the Online Designer, in which the field is being moved to another form that has no fields (excluding the form status field), choosing the option "-- Insert at the top of this form --" would result in an error. However, selecting the "[No existing fields]" option works fine. Since both of those choices effectively are supposed to do the same thing, the "-- Insert at the top of this form --" has simply been removed from the field-list drop-down in the Move dialog to prevent it from being chosen and thus to prevent the user from experiencing the error. (Ticket #264742)
- Bug fix: When the REDCap Mobile App is sending data to the server via the API, a form-level data entry permission check for the Mobile App might mistakenly not get completed successfully after the data has been synced. (Ticket #256175b)



- Bug fix: When uploading multiple files at the same time to the File Repository, if a file fails to successfully upload for any reason, it would mistakenly stop the whole process and prevent any of the other files in the batch from being uploaded.
- Bug fix: When viewing the survey Participant List for a repeating instrument in a longitudinal project, in which the survey being viewed is the first instrument of an event, some (or all) participants might mistakenly not appear in the Participant List. (Ticket #264658)

Version 15.7.4(released on 2025-09-25)

- Major security fix: REDCap's system-level "salt" value and project-level "SALT" values could potentially be reverse-engineered via brute force methods by analyzing hashes that are generated for specific features throughout the application. If a malicious user is able to determine the salt values, they could then auto-generate hashes to then use in the URLs of certain REDCap end-points to be able to download potentially any file stored in the REDCap system without being a user in that project and (in certain cases with surveys) without being a REDCap user at all. NOTE: This fix will inevitably affect the record ID hashing feature in data exports, in which record IDs will end up with a different hashed value after this upgrade than from before. This means that if a user clicks the "Hash the Record ID field" option when exporting data or if their user rights dictate that the record ID be automatically hashed, each record ID will result in a different hashed value in the resulting export. This is an unfortunate side effect of this fix that could not be avoided. But after the upgrade, the hashed record ID in the data export will never change again, so this is just a one-time change.
- Major security fix: The version of the library DOMPurify that is part of the TinyMCE library has a security vulnerability. The TinyMCE library in REDCap has now been updated to the latest version in order to remediate the issue in the DOMPurify sub-library.



- Improvement: When using Clinical Data Pull for CDIS, validation display improvements have been added in the CDP Adjudication Workflow. These changes make the display of adjudication values clearer when fields use date or phone validation. This includes the following: 1) Dates now match the format specified by their validation rules, and valid EHR dates no longer trigger warnings, 2) Phone numbers with a +1 prefix are automatically cleaned for consistency, and 3) When the display value differs from the raw value, both are now shown in the table for clarity.
- Improvement: When using REDCap Messenger, a new link that says "Mark all conversations as read" now appears at the bottom of the Messenger panel (when open) to allow users to mark all their unread conversations as "read".
- Change/improvement: In a CDP adjudication context, more feedback is now provided to users when no data is returned from the EHR, such as suggesting next steps for the user to take to help troubleshoot the situation.
- Change: The documentation for special functions has been modified for clarity with regard to functions that return a boolean. (Ticket #263505)
- Bug fix: A piece of language text was mistakenly missing on the CDP Mappings page. (Ticket #263482)
- Bug fix: If existing records are detected as being absent in the MyCap Participant List, REDCap will force a refresh of the list invisibly to ensure that all missing records get added to the participant list. (Ticket #262709)
- Bug fix: If the "DDP Custom" feature is enabled at the system-level and/or at the project-level for the current project, exporting a project's logging as a CSV file (via the Logging page or via the API) would be unexpectedly slow. (Ticket #264016)
- Bug fix: In a MyCap-enabled project, the baseline date warning was mistakenly not appearing in the "Edit Field" popup in the Online Designer for longitudinal projects.



- Bug fix: Some informational dialogs (e.g., Smart Variables, Piping) did not honor project-level language settings. (Ticket #263959)
- Bug fix: The MLM Manual (accessible from the Control Center MLM setup page) was missing page 4.
- Bug fix: The MyCap Participant Code was not being added to records for fields containing the action tag MC-PARTICIPANT-CODE.
- Bug fix: The server-side implementation of the datediff special function might differ slightly from the client-side version (used in branching logic and calculations) when using certain undocumented values for datediff's "returnSignedValue" parameter, such as when using 1, "1", 0, or "0". The official documentation notes that boolean values (or boolean values wrapped in quotes - e.g., "true") should only be used for that parameter. So while the 0/1 values are still not recommended to use for the "returnSignedValue" parameter, the server-side and client-side implementations now show consistent behavior with regard to those values, if they are used.
- Bug fix: Users would be unable to clear MyCap sync issues for missing/invalid participants. In a MyCap-enabled project, if a record is deleted and the participant continues to submit data in the app, a sync issue is created (this is expected). However, there is no way to "clear" or "resolve" the sync issue from the list. A "Fix" button is now provided so that users can click it to clear MyCap sync issues for participants who no longer exist.
- Bug fix: When a user has a large number of REDCap Messenger conversations, if the Messenger panel is visible while the user navigates from page to page in REDCap, each page would load very slowly. To prevent this, only the latest 20 conversations are now displayed by default in the Messenger panel. If the user wishes to view the list of all their conversations, they may click the new "View all conversations" link at the bottom of the conversations list.



- Bug fix: When a user-defined label (e.g., survey instructions, field label) ends with a "<" character, that character would mistakenly not appear when the text is being displayed on the page. (Ticket #263724)
- Bug fix: When creating a project via a Project XML file that has the MyCap feature enabled, the MyCap baseline date field might mistakenly not be selected in the "Baseline Date Settings" section of the Online Designer for longitudinal projects after the project has been created.
- Bug fix: When cross-event branching logic or calculations reference a date or datetime field that has a Missing Data Code, the logic/calc might return an unexpected result on the survey page or data entry form. Note: This does not affect server-side logic/calc evaluation (e.g., Data Quality rule H, auto-calculations via data imports). (Ticket #263501)
- Bug fix: When the Read Replica feature is being utilized for the REDCap installation, in which users are making calls to certain survey-related API methods (e.g., surveyReturnCode), the API might mistakenly take a long time to return a response or in some cases it might only return a 400 error code.
- Bug fix: When uploading an Instrument Zip file in the Online Designer, in which some fields in the instrument.csv file inside the zip file contain illegal characters for the field variable name, which results in a variable name beginning with a numeral after the illegal characters are automatically removed, fields would mistakenly be created in the project with variables beginning with a numeral, which should not be allowed. (Ticket #263896)
- Bug fix: When viewing the Project Revision History comparison table to compare different revisions, any labels, branching logic, or calculations that contain the characters "<>" would mistakenly have those characters not appear in the dialog. (Ticket #263724)
- Bug fixes and changes for Clinical Data Pull: Fix for the CDP adjudication table so normalized values (dates, phones) recognize when they already match values stored in REDCap.



Adjusted the date normalization so the saved value follows the field's format. Added the FHIR resource ID to the list of available mappings.

Version 15.7.3(released on 2025-09-11)

- Improvement/change: If a field has been embedded into the choice label of a multiple choice field, the pre-embedded text (e.g., the variable name in the label "Other {other1}") will no longer be displayed as-is in piping, in reports, and in data exports that contain labels. In these cases, the pre-embedded text inside the braces/curly brackets will simply be removed for improved aesthetics and readability. (Ticket #261787)
- Improvement: Condition-level Form Display Logic Settings - FDL now has more granular controls to implement FDL conditions on data entry forms, Survey Auto-Continue, and MyCap. In previous versions, FDL could be enabled for Survey Auto-Continue and/or MyCap, but those would have been applied to all conditions. Now, users may set each individual condition to be utilized by data entry forms, by Survey Auto-Continue, and/or by MyCap, thus providing greater flexibility for when/where each FDL condition is applied. Note: If the Survey Auto-Continue and MyCap settings were enabled for FDL in a project prior to the upgrade, to maintain the prior behavior, that setting will be applied to every FDL condition in the project during the upgrade process.
- Bug fix: Explanatory text for the new "External Modules API" user privilege was mistakenly not added on the User Rights page in an earlier version when the feature was officially released. That explanatory text has now been added to the page in the Edit User dialog to inform users about what it is and how it is utilized.
- Bug fix: If a user is performing a data import using a CSV file, in which the file's CSV delimiter is not a tab, and a tab character exists somewhere in the first line of the CSV file (which is not



expected), the import process would fail with an error stating that the record ID field values could not be found in the file.

- Bug fix: If the current REDCap installation is using the auto-incremented Primary Key feature (for clustering or replication purposes), a warning would mistakenly not be displayed in the Control Center or on the Configuration Check page about the table structure being incorrect after new database tables were added via upgrading REDCap. When new database tables are added after an upgrade, the Primary Key field will often need to be added to those new tables. Certain features and functionality might not work properly in REDCap if some newer tables are missing the auto-incremented Primary Key column while other database tables have the PK column. To prevent this scenario, the SQL for adding the auto-incremented Primary Key column will now be included in the "Database Structure is Incorrect" warning (and thus in the Auto-Fix SQL script) in order to keep everything in sync if the Primary Key feature is already being used for some tables in the installation.
- Bug fix: If using one of the Missing Data Code special functions (e.g., isblankormissingcode) in a calculation, it might not return the expected result if a space exists between the function name and the first/opening parenthesis. (Ticket #263419)
- Bug fix: In particular situations when using Clinical Data Pull in CDIS, admins in CDP projects were mistakenly blocked from seeing the CDP dashboard and the Token Priority Rules panel. This fix corrects how admin status and feature settings are recognized so that legitimate admins gain access when the features are enabled, without altering non-admin visibility, even when an admin is impersonating a user in the project.
- Bug fix: In some edge cases when using Draft Preview Mode, the data entry form might mistakenly crash with a fatal PHP error.
- Bug fix: In some situations when the REDCap installation contains auto-incremented Primary Keys in its database tables, a user might not be able to enter Draft Mode in their production

project because the Online Designer page would just reload with nothing occurring after clicking the "Enter Draft Mode" button. (Ticket #261202)

- Bug fix: Logged events related to Field Comments or to data queries created via the Data Resolution Workflow would mistakenly not get deleted when performing the "Erase all data" action or when moving the project to production while deleting all records. (Ticket #263023)
- Bug fix: On a multi-page survey that has embedded fields, in which the container field that contains the embedded fields has branching logic, in some cases the container field might mistakenly not get hidden when the page loads when branching logic dictates that it should be hidden. Bug emerged in REDCap 15.7.0 Standard. (Ticket #263083)
- Bug fix: REDCap was supposed to have supported the "rt" and "rp" HTML tags at the same time that the "ruby" tag was introduced back in REDCap 15.5.6, but those tags were mistakenly not added, in which they are essential to the use of the "ruby" tag. Because of that mistake, support has been added for the "rt" and "rp" tags so that they may be utilized in user input (e.g., field labels, survey instructions). (Ticket #263121)
- Bug fix: The "Edit User" dialog on the User Rights page might have incorrect language if the E-signature feature has been disabled at the system level.
- Bug fix: The Bulk Record Delete page might mistakenly crash with a fatal PHP error in specific situations for users with certain user privileges. Bug emerged in REDCap 15.7.0 (Standard).
- Bug fix: When a user is performing a data import of a value into a text field, in which the field was previously a multiple choice field but was later changed to a text field, but the previous multiple choice codings are somehow still present in the Choices/Enum column for that field in the backend metadata database table (which should technically not happen), the data import would mistakenly fail with the message "The value is not a valid category for X".



- Bug fix: When a user is renaming an instrument's unique form name on the Online Designer, if the instrument has been enabled as a survey and there is an orphaned row in the redcap_surveys database table whose "form_name" matches the name of the new form name being submitted by the user, a query would fail, thus preventing the instrument renaming process to fail. (Ticket #261786)
- Bug fix: When a user is using the background processing option when performing a Bulk Record Delete in a longitudinal project, the background process might mistakenly fail with the following error: "ERROR: REDCap::getEventNames can only be used in a project context."
- Bug fix: When adding a user or role to a project, the data viewing rights were mistakenly not saved correctly. Bug emerged in REDCap 15.7.0 Standard. (Ticket #263339)
- Bug fix: When using Twilio or Mosio, REDCap would fail to send SMS messages to U.S. phone numbers with certain newer area codes, specifically 235, 279, 324, 329, 350, 353, 363, 364, 436, 448, 472, 531, 572, 582, 624, 640, 645, 680, 686, 726, 728, 743, 771, 820, 826, 838 840, 861, 930, 938, 943, 945, 948, 983.
- Bug: When using Clinical Data Pull in CDIS, users that are selecting values for mapped temporal fields in the CDP adjudication dialog might mistakenly not trigger certain necessary JavaScript events that ensure that the adjudication dialog opens or refreshes with the current (unsaved) form state.

Version 15.7.2(released on 2025-09-04)

- Improvement: Aggregate smart variables and miscellaneous project-level smart variables can now be utilized in the description/instructions of Custom Record Status Dashboards. (Ticket #262607)



- Improvement: If a user has access to the Email Logging page in a project, they will now see the "Email Logging" option in the "Choose action for record" drop-down when viewing a record on the Record Home Page. This will allow the user to load the Email Logging page with the current record already selected as a filter.
- Improvement: On the Record Home Page, the sort order of rows within the repeat instrument tables at the bottom of the page now persists within the project (per user).
- Improvement: The record list drop-down on the Email Logging page is now searchable.
- Improvement: When using "Table-based" authentication or an "X & Table-based" authentication, in which a user is logging in to REDCap but has their Caps Lock on while entering their password, a warning will be displayed to the user to make them aware of their Caps Lock being on. (Ticket #262840)
- Major bug fix: When the Bulk Record Delete page is being used to perform partial record deletion on a record that is locked at the record level, the selected forms would mistakenly have their data deleted within the locked record. Locked records should not be editable in any way.
- Change/improvement: When an administrator clicks the "Erase all data" button on the Other Functionality page while in production status, they will now receive an extra dialog for confirmation of the action, which will require the admin to type "erase all data" first. (Ticket #256172)
- Change: More clarifying text was added to the "Delete a record's logging activity when deleting the record?" feature in the Data Privacy section of the Edit Project Settings page to point out that the feature is not applicable when using the "Erase all data" feature or when deleting all records while moving the project to production, both of which will always delete all data-related logged events.



- Change: The MyCap-specific action tags MC-FIELD-SLIDER-BASIC and MC-FIELD-SLIDER-CONTINUOUS were removed as valid action tags from REDCap since they do not work in the current MyCap app but only in the now-retired MyCap Classic app.
- Bug fix: If a field with variable name "length" has branching logic, a branching logic error would always appear on the form/survey for that field.
- Bug fix: In repeating instrument tables displayed on the Record Home Page and other places, in which more than 10 instances exist for a given instrument, thus displaying the filter input and icon status filter in the table, the survey response icons would mistakenly be displayed a clickable filters in the table even if surveys are not enabled in the project. Those should not be displayed there unless surveys are enabled in the project. (Ticket #262928)
- Bug fix: On the Email Users page in the Control Center, the filters "does not contain", "does not end with", and "is null" might mistakenly not include correct matches for "User Email". (Ticket #262235)
- Bug fix: The "pause recurrence" checkbox state for Alerts was not properly updated in all cases when editing an alert.
- Bug fix: The Notification Log for Alerts & Notifications might crash with a PHP error depending on a user's date format preference. (Ticket #262695)
- Bug fix: The special function isblanknotmissingcode() would mistakenly evaluate to True if the value is not blank and is also not a Missing Data Code. Bug emerged in the previous version.
- Bug fix: When a calc or CALCTEXT field exists on a repeating instrument, in which the calculation is set to always result in a non-blank value, if a user deletes the data for the whole form or if a user performs a data import to import repeating instances for the field but does not explicitly import instance 1, an empty instance 1 would mistakenly be

automatically added if it did not already exist. This bug was only partially fixed in REDCap 15.0.35 LTS and 15.5.5 Standard. (Ticket #262597)

- Bug fix: When a participant is taking an adaptive or auto-scoring survey that was imported from the REDCap Shared Library, in which the survey setting "Allow participants to skip questions?" is set to "Yes", the confirmation dialog displayed to the participant when they attempt to skip the question would mistakenly not display the correct text for the "Skip question" and "Go back and enter value" buttons.
- Bug fix: When logic is being evaluated (excluding calculations) in which the logic is comparing two field values using the <> operator (e.g., [field1] <> [field2]), the logic should evaluate as False when both fields have blank/null values. However, in that case, they would mistakenly return True. This might cause some specific logic not to evaluate correctly and might return false positives for Data Quality rules. Bug emerged in REDCap 15.0.30 LTS and 15.5.0 Standard. (Ticket #262511)
- Bug fix: When sending invitations via "Compose Survey Invitations" (Participant List), the "[Reminder]" prefix in the email subject was mistakenly not replaced with MLM base language overrides. (Ticket #132868)
- Bug fix: When the Bulk Record Delete page is being used in a longitudinal project, in which a user chooses to delete data on an instrument that exists on a repeating event, the process would mistakenly crash with a fatal PHP error. (Ticket #260924)
- Bug fix: When the Bulk Record Delete page is being used to perform partial record deletion, in some cases when clicking "Select records from a list" in Step 2 after selecting specific forms/events in Step 1, the selections in Step 1 might mistakenly end up being deselected. (Ticket #260924)
- Bug fix: When using CDIS, the EHR launch workflow might be severely slowed down by a database query that was not optimized.



- Bug fix: When using Multi-Language Management, the User Interface overrides that were set for the base language were mistakenly not displayed any longer. UI text should still override the base language (i.e., what is set in the Language.ini file for the project language set on the "Edit Project Settings" page). Bug emerged in REDCap 15.5.9 LTS and 15.6.0 Standard. (Ticket #262684)
- Bug fix: When using MyCap, the auto-generated message "#REJOINED PROJECT" received from MyCap participants was mistakenly not getting translated as "Rejoined a Project" for users on the MyCap participant message list and in the message history popup.
- Bug fix: When using SMTP for sending emails from REDCap (i.e., not using a third-party transactional email service), in which an outgoing email from REDCap contains a plus sign (e.g., rob+survey2025@gmail.com) in the email's From address, the message might not bounce back correctly to the sender if it bounces. To prevent this issue, the plus sign and any text between the plus sign and the @ sign will be automatically removed when setting the outgoing email's Sender (i.e., Return-Path). (Ticket #262641)

Version 15.7.1(released on 2025-08-29)

- Major bug fix: When using the CDP adjudication workflow in a longitudinal project to adjudicate data from multiple events, the system might get confused regarding which event the incoming EHR should be associated with, possibly leading to data being saved to the wrong event. Bug emerged in REDCap 15.6.0. (Ticket #262366)
- Bug fix: Calc fields that were saved by REDCap administrators and which contain multi-statement logic (separated by semicolons) would cause a JavaScript error on a form or survey. In this case, they would become non-functional and be reported on the page as having errors. Bug emerged in REDCap 15.7.0. (Ticket #262540)

- Bug fix: Data Viewing Rights were mistakenly not displayed in the table on the User Rights page. Bug emerged in REDCap 15.7.0.
- Bug fix: Fixed a typo in the documentation for the "hasmissingcode" special function. (Ticket #262544)

Version 15.7.0(released on 2025-08-28)

- New feature: Form-level "Delete" Rights
    - Users can now be given privileges to delete the data for specified instruments, enabling them to click the Delete Data button at the bottom of a data entry form. This can be granted without having to give the user the ability to delete whole records and events. Thus, this feature provides more granularity with regard to data deletion privileges.
    - This new form-level privilege can be found in the Data Viewing Rights section of the User Rights dialog when editing a user's rights. The "Delete" privilege can be granted for any or all instruments in the project. This assumes the user does not have the "Delete Records" privilege because, if so, the "Delete Records" privilege already includes the ability to delete data on all forms (in addition to being able to delete a whole record, etc.).
    - Note: Users must have "View & Edit" privileges for a given instrument in order to be given "Delete" privileges. And if an instrument has been enabled as a survey and the user is viewing a survey response (as opposed to data entered by authenticated users), the user will not be able to delete the data for that response unless they additionally have "Edit Survey Responses" privileges for that instrument.



- New feature: MyCap Email Notifications - The "Messages" portion of the MyCap Participant Management page now contains a new tab to allow users to compose email notifications that will be sent to specified email addresses whenever a MyCap message is received from a MyCap participant in the project. Additionally, if Data Access Groups are used in the project, users can also define email notification settings that are DAG-specific.
- New functions for Missing Data Codes
    - isblanknotmissingcode(value) - Is a field's value blank/null and not a Missing Data Code? - Returns a boolean (true or false) if the field value is blank/null/'' and not a Missing Data Code. E.g. isblanknotmissingcode([age]), in which if 'age' has a value of 'UNK' (which might be a Missing Data Code in a project), then it will return FALSE. And if the field has a blank/null value and not a Missing Data Code, it will return TRUE.
    - ismissingcode(value) - Is a field's value a Missing Data Code? - Returns a boolean (true or false) if the field value is a Missing Data Code, in which Missing Data Codes have been explicitly defined in the project on the Project Setup page under Additional Customizations. E.g. ismissingcode([age]), in which if 'age' has a value of 'UNK' (which might be a Missing Data Code in a project), then it will return TRUE. And if the field does not have a Missing Data Code, it will return FALSE.
    - hasmissingcode(value, missingDataDodes) - Does a field's value match a Missing Data Code that is provided? - Returns a boolean (true or false) if the field value is a Missing Data Code and also specifically matches one of the Missing Data Codes that are provided as a comma-delimited string as the second parameter. E.g. hasmissingcode([age], 'UNK') or hasmissingcode([age], 'NASK,NI,UNK'), in which if 'age' has a value of 'UNK' (which might be a Missing Data Code in a project), then it will return TRUE. And if the field value is not a Missing Data Code or does not match

at least one of the Missing Data Codes provided in the second parameter, it will return FALSE.

- Improvement: Improved error message dialogs for branching logic and calculation errors on forms and survey pages. All errors are now combined into a single dialog listing all fields with calc errors and/or branching logic errors. In addition, the "Erase value?" confirmation prompt has also been modernized to display all affected fields in the same dialog if those fields have values but were triggered to be hidden by branching logic (either when the page loads or triggered by the changing of a field value).
- Improvement: The name of the session cookie used for REDCap's authenticated user sessions has been changed from "PHPSESSID" to a unique installation-specific name that is based on the directory path of the current REDCap installation on the web server. This change will allow multiple installations on the same server/domain name to be used by users that are logged into more than one installation at the same time. In previous versions, if a user attempted to have a session in more than one installation at the same time on the same server, their session from a previous installation would inadvertently get destroyed if they then logged in to another installation on that same server.
- Change/improvement: When a user clicks the "Save & Go To Next Record" button on a data entry form when record auto-numbering is enabled, in which there is no record after the current record, the user will now be taken to the Record Home page of a potential/non-yet-created record (within the same arm, if multiple arms exist). This makes the process faster by saving the user a click when rapidly creating new records in a project. In this situation in previous versions, the user would instead be taken to the "Add/Edit Records" page. (Ticket #262101)
- Change: Unnecessary parts of the "redcap_new_record_cache" database table were removed.

- Change: When using OpenID Connect authentication and an error occurs for a user during the authentication process, the page now outputs a more specific and helpful error message to help troubleshoot the situation. (Ticket #258052)
- Bug fix: If a custom Data Quality rule has logic that contains only a single smart variable and no field variables, the rule might mistakenly not return any results.
- Bug fix: If importing data into a project in "columns" format, the import process might fail with a fatal PHP error if the import file contains only the record ID field. (Ticket #262045)
- Bug fix: In some edge cases when exporting a project's randomization allocation file, the process might fail with a fatal PHP error. (Ticket #262046)
- Bug fix: On the Record Home Page or Record Status Dashboard when clicking a form status "stack" icon (representing a repeating instrument that contains more than one instance of the instrument) for a given record, the user might not be able to navigate into the repeating instrument if the record's record name contains a double quote.
- Bug fix: Reports would not get copied correctly when pk_id columns are present in the REDCap database tables. (Ticket #261793)
- Bug fix: The "text-to-speech" functionality in survey would mistakenly not work for texts larger than 300 characters. (Ticket #262116)
- Bug fix: When an administrator is using the "View project as user" feature, in which the user they are impersonating has expired access to the current project, the admin would not be able to view or access the instruments to which the user should have access for any given record. (Ticket #261919)
- Bug fix: When using the "View project as user" admin feature to export data for a report, the export process would mistakenly not respect the impersonated user's data export rights but would behave as if the admin were exporting data as themselves. (Ticket #262025)



- Bug fix: When utilizing randomization that is set to automatically trigger based on conditional logic, the "Randomize record" logged event for all randomized records in the project would mistakenly not get deleted when performing the "Erase all data" action while in development or when moving the project to production while deleting all records. (Ticket #262408)

Version 15.6.1(released on 2025-08-21)

- Major bug fix: Due to an issue with internal data caching during the evaluation of REDCap logic, in certain rare occurrences some Alerts and ASIs might mistakenly not get triggered as expected when submitting a form or survey page. Bug emerged in REDCap 15.0.35 LTS and 15.5.5 Standard. (Ticket #261661)
- Major bug fix: If data is being imported using the background import process, whether via API or on the Data Import Tool page, some of the data might quietly not get imported (with no error) if the data being imported is not grouped by record but instead the records are out of order in the data file (i.e., if importing multiple rows of data for a given record). (Ticket #261701)
- Major bug fix: The Email Users page would mistakenly fail to load due to a fatal PHP error. Bug emerged in the previous version. (Ticket #261603)
- Change: If editing a field in the Online Designer, in which the BioPortal Ontology Service is the only ontology service listed in the Edit Field dialog, the BioPortal Ontology Service will be auto-selected when the dialog is opened.
- Change: The "Delete all" button on the User Allowlist page has been updated to use a modern dialog instead of a legacy JavaScript confirmation alert. This should prevent admins

from accidentally clicking through the process too quickly without properly confirming the action. (Ticket #261698)

- Change: When an admin is approving a request for a user sponsor on the Sponsor Dashboard, the approval page now only displays users being affected by the request. In previous versions, it would display all the users that were sponsored, but that would sometimes make the page slow to load. This change will improve the load speed of the page without affecting anything behavior-wise.
- Bug fix/change: If MySQL 8.4.0 or higher is being used and the MySQL setting "restrict_fk_on_non_standard_key" is set to ON, which is the default value for MySQL 8.4.0+, the Configuration Check page will now recommend that the setting be set to OFF for compatibility purposes. Some things might not function correctly in REDCap if that setting is left as ON. This does not affect MariaDB and does not affect any MySQL versions prior to 8.4.0.
- Bug fix: If CDIS, specifically CDP, is enabled in a project, certain pages that utilize features of CDP, such as the Record Status Dashboard, might mistakenly fail to load and result in a white screen for some users. This is dependent on specific PHP versions or configurations.
- Bug fix: If a report contains no valid/currently-existing fields, the report would mistakenly display all the fields in the project. If this happens going forward, as a fallback, it will instead only display the record ID field in the report. (Ticket #261700)
- Bug fix: If utilizing randomization in a project that has Data Access Groups and is also using Missing Data Codes, the randomization dialog would mistakenly list the Missing Data Codes as choices in the DAG drop-down field in the dialog. (Ticket #261846)
- Bug fix: The Smart Variables documentation was mistakenly listing Smart Variables related to the "Rewards" feature, which is not a feature that has been released yet in REDCap.

- Bug fix: Users could mistakenly perform the CDP adjudication data fetch process when a project is in Analysis/Cleanup status. (Ticket #260920)
- Bug fix: Users with a large amount of unread System Notifications or General Notifications in REDCap Messenger might experience every page in REDCap to be somewhat slower than expected.
- Bug fix: When copying a project that utilizes user roles, in which the users of the project are being copied but the roles are not being copied, any users in the resulting new project that were previously in a role would mistakenly not end up with the rights of their role from the original project. (Ticket #261784)
- Bug fix: When piping form status fields on a form or survey page, they might not pipe as a blank/"" value even when they have no value (i.e., when the form has a gray status icon).
- Bug fix: When the filter logic for a report or a Custom Record Status Dashboard references form status fields as having a blank/"" value (e.g., [form1_complete] = ""), the dashboard/report might mistakenly not return the correct filtered results. (Ticket #259042b)
- Bug fix: When using the "Import Records" API method or REDCap::saveData() to import data in EAV format, in which the project is not longitudinal but the data payload includes the column "redcap_event_name" with a blank value, which is typically fine because it is ignored, the values of the fields being imported might mistakenly not get saved during the import process and the logging might not be correct, especially if the field values being imported are blank/"" and the API parameter "overwriteBehavior" is set to "overwrite". (Ticket #261232)

Version 15.6.0(released on 2025-08-14)



- Medium security fix: A Stored XSS (Cross-site Scripting) vulnerability was discovered on the Descriptive Popups page when adding/edit a descriptive popup, in which a malicious user could potentially exploit it by inserting custom HTML and JavaScript in a specially crafted way into the link text of a descriptive popup. This vulnerability can only be exploited by authenticated users that have Project Design/Setup privileges. Bug exists in REDCap 14.8.0 and higher.
- Improvement: Admin approval process for enabling Mosio/Twilio in a project - The Twilio and Mosio settings on the Modules/Services Configuration page in the Control Center now have a new option called "Admin approval", which (when set) will allow users to enter their Twilio/Mosio credentials and then afterward request that an administrator enable the feature for them in the project (because they will not be able to enable the feature themselves). This will then add the request to the To-Do List in the Control Center, in which an admin can easily approve it for the user. (Ticket #247087)
- Improvement: Background Bulk Record Delete - When selecting records to delete on the Bulk Record Delete page in a project, the confirmation dialog now has a new checkbox "Delete records using a background process?". When checked, the record deletion process will occur in the background using the REDCap cron job, rather than deleting the records in real time while the user remains on the page. When the background process has completed, it will email the user and will note any errors that may have occurred. Users will also be able to monitor their batch processes and optionally halt them in a new tab on the Bulk Record Delete page.
- Improvement: For CDIS projects using Clinical Data Pull, the CDP adjudication flow and user interface have been greatly improved that provides a cleaner layout and easier interaction.
- Improvement: New "combineCheckboxOptions" option for the "Export Records" API method. Similar to the same option seen when creating a report, this option allows users to specify

whether or not to combine checkbox field options into a single column containing only the checked-off options. By default, all checkbox field options will be exported as separate columns. The setting's value can be set to "false" (default) or "true".

- Major bug fix: Data Quality rule H and auto-calculations (i.e, calcs performed via data imports) might mistakenly not perform calculations for calc/CALCTEXT fields in longitudinal projects unless the fields exist on a repeating instrument or repeating event.
- Major bug fix: Importing of CSV files with data from more than one repeating form would mistakenly fail to import. (Ticket #260874)
- Change/improvement: When using MyCap in a project, there is now a new option in the MyCap settings to prevent the ability for MyCap participants to switch languages in their MyCap app if MLM is active and if MTB measures are available in both English and Spanish languages.
- Change: For CDIS, added additional context in the CDP Instant Adjudication interface to explain the difference between the "Process" and "Process in background" options. (Ticket #260740)
- Change: When a project is in Analysis/Cleanup status, External Module links (if any) will be displayed on the left-hand menu. In previous versions, EM links were not displayed while in Analysis/Cleanup status but only when in Development and Production.
- Change: When images attached to descriptive fields are shown inline, and the field label is otherwise empty, no extra space is added before the image.
- Important Change: REDCap has dropped database support for legacy UTF8/UTF8-MB3 charset and collation due to their deprecation in MySQL and MariaDB. REDCap administrators will not be able to upgrade to REDCap 15.6.0 or higher until they have performed the Unicode Transformation to their REDCap database tables in order to support full Unicode. If you are on REDCap 13.2.0 or higher, check your Configuration Check page for



further details regarding how to perform the Unicode Transformation. If you are on a version lower than 13.2.0, it is recommended that you upgrade to 15.5.0 first and then perform the Unicode Transformation before upgrading to a higher version.

- Bug fix: A cookie that is used only during REDCap's authentication process (i.e., the cookie does not persist after the login has occurred) was mistakenly not getting the normal cookie attributes that are received by all other cookies in the application.
- Bug fix: A warning popup would appear saying "Language not supported for MyCap app" for all language codes on the MLM setup page in MyCap-enabled projects.
- Bug fix: Gracefully handle the situation when the REDCap Base URL is lacking a protocol (http/https). (Ticket #259889, #261035, #256588)
- Bug fix: If any HTML tags are entered into a calendar event's Notes field on the Calendar page, reopening the calendar event for editing would cause all HTML tags in the Notes text to be stripped out when re-displaying the text in the calendar popup.
- Bug fix: In MyCap-enabled projects, MyCap participants should not continue to receive notifications on their device after a REDCap project has been deleted from the MyCap app for that device.
- Bug fix: In longitudinal MyCap-enabled projects, the Baseline Date field would mistakenly not be displayed for any participants in the MyCap Participant List.
- Bug fix: In some edge cases when using LDAP authentication, REDCap would not be able to communicate successfully with the LDAP server. (Ticket #261275)
- Bug fix: MyCap participants would mistakenly still be able to join a project and complete tasks in their MyCap app even if MyCap is disabled in the project, if the project has been deleted (within the 30-day grace period), or if the project is marked as "Complete".
- Bug fix: Some PDF downloads and PDF Snapshots of e-Consent survey responses would mistakenly display the text "Type:" before the "Custom tag/category" text in the PDF's footer.



It should not say "Type" in the footer as that was a legacy feature called "Type" custom text in the e-Consent Framework that was replaced with the "Custom tag/category" text. (Ticket #260831)

- Bug fix: Some browsers might report a console error due to a JavaScript Map file missing. (Ticket #261117)
- Bug fix: Some of the language on various project pages was mistakenly not translatable via an INI language file. (Ticket #252409b)
- Bug fix: The PDF export of an instrument with data would fail with a fatal PHP error if a slider field on the instrument has its min and max set to the same value. (Ticket #261413)
- Bug fix: The QuickEdit dialog in the Online Designer mistakenly allowed matrix fields to be moved outside of the matrix group, leading to unpredictable/unwanted side effects. (Ticket #260880)
- Bug fix: The link to the "URL Shortener" page on the Control Center's left-hand menu was mistakenly governed by the "URL shortening service" setting on the Modules/Services Configuration page. That setting was only meant to govern the use of the service within projects, and thus it should not apply to the Control Center's URL Shortener page, which should always be visible and available to administrators. (Ticket #261457)
- Bug fix: The project purpose filter on the Email Users page might not work as expected. (Ticket #260816)
- Bug fix: Updated some text in the "Allow participants to download a PDF of their responses at end of survey?" section of the Survey Settings page because the text was incorrect/misleading.
- Bug fix: Users would be unable to save the MyCap setting "Additional Setting: Custom Event Label" as anything other than a "None" value for longitudinal projects.



- Bug fix: When a survey invitation is scheduled via an ASI in a longitudinal project, and then before the invitation is sent, the survey instrument is undesignated for that specific event (thus nullifying the ASI), the scheduled invitation would mistakenly still get sent to the participant at its scheduled time. (Ticket #261418)
- Bug fix: When calculated fields from the same form are piped into dropdown choices, an infinite loop of server requests could happen that could lead to the user being banned. (Ticket #260699)
- Bug fix: When performing a synchronous data import with the Data Import Tool, a JavaScript error was shown in the browser console (but the import still worked).
- Bug fix: When randomization is being used in a project and an administrator uses the Auto-fill feature on a form or survey where the randomization field is located, the Auto-fill process would mistakenly give the randomization field a value, which could mess up the randomization allocation process for the record. (Ticket #261345)
- Bug fix: When the MLM base language is set after some translations or overrides were already added, these mistakenly (and very confusingly) would show up on data entry and survey pages. (Ticket #260994)
- Bug fix: When using Double Data Entry in a project, if the current user is DDE person 1 or 2, clicking on some form status icons on the Record Status Dashboard or Record Home Page would not lead to the expected record but instead would take the user to the Record Home Page and say that a new record is being created. (Ticket #260384)
- Bug fix: When using an inline consent form for the e-Consent framework, if the Descriptive field where the consent form is displayed has text containing angle brackets (< or >), there is a chance that it may cause the text to be mangled or truncated when output to the REDCap-generated PDF, whether a PDF download or PDF Snapshot. (Ticket #261124)



- Bug fix: When using the Bulk Record Delete feature to perform partial deletions of a record (i.e., specific forms) in a multi-arm longitudinal project, the logging page would mistakenly not list the correct arm/event for the deletion event if the deletion is being performed on an arm other than the first arm.
- Bug fix: When using the Data Resolution Workflow and creating data queries on the Data Quality page for calc/CALCTEXT fields after running Rule H, if the user clicked the "Fix calcs now" button in the dialog, it would mistakenly not exclude fields that have a data query with "Closed" or "Verified" status. (Ticket #259773)