**Version 13.1.29 (released on 2023-05-04)**

**CHANGES IN THIS VERSION:**

* **Medium security fix:** A Blind 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. In order to exploit this, the user must be logged in as a REDCap user and must also have one or more instruments enabled as MyCap tasks. (Ticket #205078)
* **Medium security fix:** A vulnerability was found in the "Save & Return Later" feature on survey pages, in which a malicious user could potentially exploit it by manipulating an HTTP request in a specially-crafted way that would allow them to email themselves the private survey link of another survey participant. If return codes are not required to return to the survey, using brute force methods the attacker might be able to view sensitive data that survey participants have entered. However, if return codes are required, then the attacker will not be able to view any survey responses. (Ticket #205081)
* **Major bug fix:** When using Multi-Language Management and saving MLM translations on the MLM setup page, all Action Tag translations and all choice label translations for multiple choice fields would be permanently lost upon save. Bug emerged in the previous release. (Ticket #205076, #205146)
* Bug fix: When downloading the Project XML file for a project, in some circumstances the process might fail with a fatal PHP error when using PHP 8. (Ticket #204965)
* Bug fix: For CDIS-related FHIR calls specifically to Epic, the FHIR coding systems have been updated to reflect the Epic FEB23 update.

**Version 13.1.28 (released on 2023-05-03)**

**CHANGES IN THIS VERSION:**

* **Critical security fix:** A Blind SQL Injection vulnerability was found on survey pages, in which a malicious user could potentially exploit it and execute arbitrary SQL commands on the database by manipulating an HTTP request to the survey end-point in a specially-crafted way.
* Bug fix: When using the [form-link] or [survey-link] Smart Variable with Custom Text while also having the [new-instance] Smart Variable appended to it, it would mistakenly return a blank string instead of a survey link.
* Bug fix: Fixed more issues related to error checking for the Imagick PHP extension check on the Configuration Check page.
* Bug fix: When exporting a PDF of a survey response in some specific ways, it might mistakenly return the word "ERROR" instead of outputting the PDF. Bug emerged in REDCap 13.1.25. (Ticket #204340)
* Bug fix: If some Smart Variables are used in a calculation or conditional logic, in which the evaluation of the calculation/logic results in a blank/empty string (i.e., after applying the current context and the current data during the logic evaluation process), an incorrect value might be returned from the calculation/logic. For example, this could cause calculated fields and Data Quality rule H not to function as expected. (Ticket #203945)
* Bug fix: When using Multi-Language Management, fields on a data entry form that are piped on the page would mistakenly disappear from the page immediately after the form has loaded. (Ticket #204372)
* Bug fix: When using Multi-Language Management, the Form Complete status field on data entry forms would mistakenly not change to the correct translated text when switching languages on the page while using iOS. (Ticket #203189b)
* Bug fix: When opening a data entry form or survey page in certain versions of iOS in Mobile Safari or in Internet Explorer, the page would never fully load due to a JavaScript error. (Ticket #202806, #204332)
* Bug fix: When a Survey Base URL is defined in the Control Center and a survey participant clicks the "Close survey" button after completing a survey, if the survey had been opened in the participant's browser from outside of REDCap, such as clicking a link in an email, in which the browser will not let the webpage close the tab but instead falls back to displaying the "You may now close this tab/window" message on the page, the participant would mistakenly not be taken to a URL beginning with the Survey Base URL but would instead be taken to the non-survey Base URL defined in the Control Center, which could be confusing to the participant. (Ticket #204422)
* Bug fix: When attempting to upload Alerts & Notifications via CSV file, if the "email-to" field contains the value [survey-participant-email], REDCap would mistakenly return an error message saying the value isn't valid when it actually is. (Ticket #201256)
* Bug fix: When using Multi-Language Management, in certain cases an error would occur when attempting to import MLM settings via CSV or JSON files, thus preventing the upload from completing.
* Bug fix: If proxy server settings have been provided on the General Configuration page in the Control Center, those settings would mistakenly fail to be used by the internal MyCap API check on the MyCap Configuration Check page and thus could result in a false positive saying that issues exist.
* Bug fix: When using Multi-Language Management and using the eConsent Framework, the footer of the eConsent PDF, when displayed at the end of a survey, would mistakenly not have its text translated by MLM. This issue was supposedly fixed in the previous version but mistakenly was not. (Ticket #204669)
* Bug fix: The Share->Copy Link functionality might stop functioning for files in the File Repository if attempting to perform the functionality in a specific way more than once while on the page. (Ticket #204876)
* Bug fix: When utilizing the "Include PDF of completed survey as attachment" option in the Confirmation Email section on the Survey Settings page for a survey that is using the e-Consent Framework, the PDF consent form that is attached to the email would mistakenly have REDCap's back-end stored filename as the PDF filename rather than the intended user-friendly version of the filename. Additionally, the consent PDF was mistakenly not listed by name in the logged details of the event on the Logging page.
* Bug fix: Longitudinal projects might fail to load on the "Setting up Project" screen in the REDCap Mobile App. Bug emerged in REDCap 12.5.15 (Standard). (Ticket #137314)
* Bug fix: CDIS related cron jobs were mistakenly running for projects in Analysis/Cleanup mode or marked as Completed.
* Bug fix: When certain Smart Variables (specifically form-url, form-link, survey-date-completed, survey-time-completed, survey-date-started, survey-time-started, survey-duration, and survey-duration-completed) have [first-event-name] or [last-event-name] appended to them, an incorrect value might be returned from the Smart Variable.
* Bug fix: When performing randomization on a record while on the first instrument, in which the user locks the instrument immediately after randomization has occurred, the record would get mistakenly duplicated after clicking the Save button on the page. (Ticket #137260)
* Bug fix: The BioPortal API token stored in the redcap\_config database table was mistakenly not encrypted at rest as other third-party tokens/keys are. (Ticket #137403)
* Bug fix: When using Multi-Language Management, the language drop-down list was mistakenly being displayed on data entry forms even when only one language has been defined on the MLM setup page. It should only display the language choice list if there is another language to choose.
* Bug fix: If a field is used in cross-form or cross-event branching logic, in which the value of the field contains double quotes, the branching logic may not function correctly on the page. (Ticket #136926)
* Bug fix: A fatal PHP error might be thrown in some specific cases where the method Records::deleteEventInstanceByProject() is called in certain contexts. (Ticket #137376)
* Bug fix: If a project is using record auto-numbering, and the highest-numbered record gets renamed so that it is no longer the highest-numbered record, after which a participant completes a public survey in the project, the new record created by the participant would mistakenly skip the appropriate record number and be assigned to one number higher than expected. (Ticket #125567)