Sugar Ultimate 9.0.2 Release Notes

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Overview

This document describes the changes and functionality available in Sugar Ultimate 9.0.2. Sugar 9.0.2 is only available for customers on the annual upgrade path. For customers upgrading from 8.0.4, please refer to the [Sugar 9.0.0 Release Notes](#) for additional features, fixed issues, and developer changes occurring between versions 8.0.4 and 9.0.2.

Administrator and End User

Fixed Issues

Sugar 9.0.2 is a security update released to address certain security vulnerabilities identified during our routine QA checks.

We strongly recommend that you install this update at the earliest opportunity. While we have not experienced any reported incidents relating to these vulnerabilities to date, failure to install this update could leave you exposed to malicious third-party attacks. For more information regarding this, please refer to the following Security Advisory announcements:

- [Security Advisory sugarcrm-sa-2019-019](#): Authenticated administrative users may cause arbitrary code to be executed.
- [Security Advisory sugarcrm-sa-2019-020](#): Authenticated users may cause arbitrary code to be executed.
- [Security Advisory sugarcrm-sa-2019-021](#): Authenticated users may cause arbitrary code to be executed.
- [Security Advisory sugarcrm-sa-2019-022](#): Authenticated users may cause arbitrary code to be executed.
- [Security Advisory sugarcrm-sa-2019-023](#): Authenticated users may cause arbitrary code to be executed.
- [Security Advisory sugarcrm-sa-2019-024](#): Authenticated users may cause arbitrary code to be executed.
- [Security Advisory sugarcrm-sa-2019-025](#): Authenticated administrative users may cause arbitrary code to be executed.
- [Security Advisory sugarcrm-sa-2019-026](#): Authenticated administrative users may cause arbitrary code to be executed.
- [Security Advisory sugarcrm-sa-2019-027](#): Authenticated administrative users may cause arbitrary code to be executed.
- [Security Advisory sugarcrm-sa-2019-028](#): Authenticated administrative users may cause arbitrary code to be executed.

- [Security Advisory sugarcrm-sa-2019-029](#): Authenticated administrative users may cause arbitrary code to be executed.
- [Security Advisory sugarcrm-sa-2019-030](#): Authenticated administrative users may cause arbitrary code to be executed.
- [Security Advisory sugarcrm-sa-2019-031](#): Authenticated administrative users may cause arbitrary code to be executed.
- [Security Advisory sugarcrm-sa-2019-032](#): Authenticated users may cause arbitrary code to be executed.
- [Security Advisory sugarcrm-sa-2019-033](#): Authenticated administrative users may cause arbitrary code to be executed.
- [Security Advisory sugarcrm-sa-2019-034](#): Authenticated administrative users may cause arbitrary code to be executed.
- [Security Advisory sugarcrm-sa-2019-035](#): Authenticated users may cause arbitrary code to be executed.
- [Security Advisory sugarcrm-sa-2019-036](#): Authenticated administrative users may cause arbitrary code to be executed.
- [Security Advisory sugarcrm-sa-2019-037](#): Authenticated administrative users may cause arbitrary code to be executed.
- [Security Advisory sugarcrm-sa-2019-038](#): Authenticated users may cause arbitrary code to be executed.
- [Security Advisory sugarcrm-sa-2019-039](#): Authenticated users may cause arbitrary code to be executed.
- [Security Advisory sugarcrm-sa-2019-040](#): Authenticated administrative users may cause arbitrary code to be executed.
- [Security Advisory sugarcrm-sa-2019-041](#): Authenticated administrative users may cause arbitrary code to be executed.
- [Security Advisory sugarcrm-sa-2019-042](#): Authenticated administrative users may cause arbitrary code to be executed.
- [Security Advisory sugarcrm-sa-2019-043](#): Authenticated users may cause arbitrary code to be executed.
- [Security Advisory sugarcrm-sa-2019-044](#): Authenticated administrative users may cause arbitrary code to be executed.
- [Security Advisory sugarcrm-sa-2019-046](#): Authenticated users may cause arbitrary code to be executed.
- [Security Advisory sugarcrm-sa-2019-047](#): Authenticated users may cause arbitrary code to be executed.

These vulnerabilities have been addressed in release 9.0.2 which is available for download from the [Download Manager](#).

Administrators are strongly encouraged to upgrade their Sugar instances running 9.0.1 and prior to version 9.0.2 to prevent potential exploitation of these weaknesses.

The following issues have been resolved in this release. [Case portal users](#) can use the following links for more details about each issue:

- [82494](#) : The project's Gantt chart may not display as expected if the related project tasks are assigned to an individual (e.g. Sugar user) via the Resource field.
- [82467](#) : Sugar instances may become inaccessible in certain circumstances due to a permission error.
- [82208](#) : Importing or uploading files may fail to work as expected.
- [82173](#) : User sessions that expire while accessing a Legacy module (e.g. studio) may cause the cross-site forgery error message to appear.

Known Issues

The following known issues are present in this release. [Case portal users](#) can use the following links for more details about each issue:

- [82756](#) : Upgrades fail when a filter exists for a module that has been removed.
- [82589](#) : Setting the default date format in the admin's profile to "mm/dd/yyyy" may cause the time periods on the Forecasts Settings page to incorrectly display "Invalid date".
- [82584](#) : Custom user fields and stock fields which do not appear in SugarIdentity cannot be imported in Sugar instances using SugarIdentity as the Import Users option is not available.
- [82581](#) : An unexpected error message may appear when attempting to import in a person-type module (e.g. Contacts, Leads) after upgrading to Sugar 9.0.0. Users can close the error message to proceed with the import.
- [82559](#) : Certain customizations in Sugar may cause the upgrade to fail.
- [82486](#) : Upgrades may fail when a custom field has conflicting field types defined.
- [82484](#) : Attempting to undo an import may not work as expected and fail for modules containing custom fields.
- [82475](#) : When saving a new quote record assigned to another user, the Assigned To field may incorrectly revert back to the current user who created the record.
- [82468](#) : Custom decimal fields may prevent upgrades from completing and result in invalid alter queries being generated. As a workaround, use the queries described in the defect's description on the bug portal to convert the decimal fields.
- [82455](#) : Quoted Line Items subpanels on record views of modules with no currency fields may not load as expected.
- [82454](#) : Entering duplicate email addresses with different capitalizations (e.g. test@here.com, Test@here.com) into a record (e.g. Contacts) may result in adverse behaviors.
- [82451](#) : Removing the currency field from the Quotes record view layout may cause an unexpected error when viewing a quote and the Unit Price

field to display blank for the quoted line items.

- [82377](#) : SugarBPM module field evaluations improperly allow the selection of the "changes", "changes to", and "changes from" operators when "All Related Records" is enabled. To avoid unexpected behavior, utilize the "is", "is not", or other non-change operators when evaluating all related records in process criteria.
- [82369](#) : When a shared dashboard contains a List View dashlet with custom filters applied, the dashlet may not display correct results as expected.
- [82361](#) : Emails sent from SugarBPM's processes may not include the link to new lead records generated from a Web-to-Lead form even though the process email template contains a link variable.
- [82254](#): Emails may fail to send as expected if it uses an email template containing an attachment that is already attached to an existing note record. As a workaround, add the code described in the defect's description or delete the existing email template and create a new one with a fresh upload of the file attachment.
- [82038](#) : Clicking on a Home page tab (e.g. Sales) or attempting to sort by a field column on the Legacy dashboard may not work as expected and result in an error.
- [81999](#): Users may be unexpectedly logged out when requests with out-of-date user_hash data are sent to the server in close succession.
- [81929](#) : Report chart drill-through may not work as expected and display an error message (No data available) for reports using the Product Catalog module.
- [81908](#) : Multiple edits to a record may cause redundant elastic search reindexes resulting in performance degradation.
- [81877](#): Full-text search re-indexes performed from the command line may run out of memory when run on very large data sets.
- [81818](#) : If a user logs in to a Sugar instance configured with SAML via the standard login screen, an Invalid Credentials error may appear unexpectedly while utilizing Sugar.
- [81722](#) : Sorting the fields by the column header (e.g. Name) in Admin > Studio or Module Builder may result in CSRF errors being written to the log file.
- [81646](#) : Audit log entries generated from a SugarBPM process definition may display an incorrect source value.
- [81544](#) : When viewing additional details of an activity (e.g. meeting) via the calendar, the datetime format may not respect the system or user locale settings and incorrectly display the values using UTC.
- [81382](#) : Deleting a target list related to a large number of records may fail with an error.
- [81339](#) : Generating a report (e.g. Summation with Details) grouped by "Fiscal Quarter" for a custom date field (e.g. Fiscal Quarter: Booking Date) may result in a database failure error.
- [81335](#) : Importing records in Sugar may fail with a PHP error if the upload directory is not set to the default upload folder in config.php.

- [81328](#) : Changes made to custom relate fields that are marked as "Audit" in Admin > Studio do not get recorded in the audit log as expected.
- [81297](#) : If a web-to-lead form gets submitted using an existing email address in Sugar, the email address may not be marked as "Primary" for the generated lead record.
- **[81276](#)** : When there are multiple group-by fields in a Summation With Details report, generating the report with a chart or trying to view a dashboard containing the saved report chart dashlet may result in performance issues.
- [81261](#) : Report chart drill-through may not work as expected if the report contains a date field formatted as "MM/DD/YYYY". As a workaround, change the date format in the user's profile to "YYYY-MM-DD" to match the database date format.
- [81221](#) : Users may experience an unexpected error when accessing Sugar if the instance contains a large number of calculated fields.
- [81184](#) : Attempting to view the audit log may result in a 500 error if the record was imported with the Date-type field formatted as "MM/DD/YYYY". As a workaround, reformat the date field in the {module name}_audit table as "YYYY-MM-DD".
- [81152](#) : Event-based gateways improperly consider activity elements to be complete if the activity gets reassigned to another user via "Select New Process User".
- [81151](#) : Report chart drill-through may not work as expected when the report is filtered by a checkbox field.
- [81121](#) : In certain circumstances, the Gantt chart in the Projects module may display an incorrect year of "1907" for the date range if the date format in the user's profile or system locale settings is set to "MM/DD/YYYY". As a workaround, change the date format in the user's profile or system locale settings to "YYYY-MM-DD", "YYYY/MM/DD", or "YYYY.MM.DD".
- [81111](#) : In certain circumstances, changing the email address on a user record may incorrectly update the email address for another user as well.
- [81051](#): If a calculated Date field is set to null, the value is incorrectly displayed as an invalid date in reports.
- [81021](#) : Creating report schedules via duplication copies the related user recipient, preventing users from copying other users' report schedules for themselves.
- [80968](#): It may not be possible to disable SAML authentication via the user interface after certain actions have been performed on your Sugar instance.
- [80966](#): Records with a custom calculated Datetime field cannot be saved if the calculation results in a null value.
- [80936](#): When importing records makes changes to an existing record, the Date Modified field is not updated.
- [80884](#): Viewing a shared dashboard containing the Forecast Bar Chart dashlet may display a "Loading..." message.

- [80865](): It is not possible to search by the Record Name column in Process Management.
- **[80829]()** : Date and datetime fields do not respect the user's preferred format when included on PDFs.
- [80799](): Upgrading to Sugar 8.0.x may fail if you set the acl_actions table to MyISAM. As a workaround, set the acl_actions table to InnoDB before upgrading.
- [80759](): In PDF templates that contain more than one href link, only the first link works.
- [80730]() : Reports without charts are improperly available to select in the Saved Reports Chart dashlet.
- [80726](): Dropdown lists created in Module Builder incorrectly allow certain special characters in the item name; modules containing such a list cannot be deployed.
- [80708](): If the cache or uploads folders are moved outside of the Sugar directory, users may experience unexpected behavior when accessing Sugar or when importing CSV files.
- [80681](): Making changes to a report's relationship-based filters may result in an error when running the report. As a workaround, re-create the report with the desired filter without making any changes to it.
- [80583]() : Attempting to erase fields (e.g. Description) marked as "Personal Information" from the Opportunities module do not work as expected and result in a 500 error.
- **[80430]()** : On-Demand sessions may time out with a 500 error due to a database issue.
- [80376](): Uninstalling custom modules from Sugar may not delete the associated workflows as expected. As a workaround, remove the affected workflow via the database.
- [80091]() : Creating a dashboard may not work as expected and result in an error for users without private teams. Navigating to Admin > Repair and running "Repair Teams" will help resolve the issue.
- [80002]() : Generating PDFs using previously existing PDF templates may not display data as expected after upgrading to Sugar versions 7.9 or higher.
- [80001]() : Email messages sent via SugarBPM may display HTML formatting when records are created using SOAP/REST v4.1. It is recommended to use the latest version of the API.
- **[79925]()** : Email messages that have been archived to Sugar and contain embedded or inline images show empty containers instead of images in the email's record view and preview.
- [79947]() : Calculated fields may not populate when the record has multiple calculated fields using the related() function to the same module (e.g. related ($accounts, field1) and related($accounts, field2)).
- **[79767]()** : SugarBPM processes do not send email messages to contact recipients as expected. As a workaround, manually type the contact's email address in the Send Message event's recipient field and press "Enter".
- [79763]() : The Account Name field does not get populated as expected for

quoted line items related to a quote.
- [79752](#) : When working with SugarBPM process business rules on Internet Explorer 11, you cannot delete columns from rules in the Rules Builder. As a workaround, please use another supported browser.
- [79715](#) : The Follow button does not appear in the Contracts record view as expected.
- [79712](#) : The "Sign" and "Get latest" links do not appear as expected in the Documents subpanel of the Contracts module.
- [79704](#) : When logged into Sugar with certain languages (e.g. Russian), the list view's Record Actions menu may not appear as expected for some modules (e.g. Dashboards).
- **[79698](#)** : When merging records, fields that are required under certain conditions are required even if the conditions have not been met.
- [79686](#) : The List Order field in the Contract Types, Manufacturers, Tax Rates, and Shipping Providers modules does not control the order in which the options are listed in the corresponding fields (Type Name, Manufacturer Name, Shipping Provider, Tax Rate) for the Contracts, Quotes, and Product Catalog modules.
- **[79640](#)** : The Home (Sugar cube) icon shifts position in the navigation bar when "Allow users to select modules to appear in the navigation bar" is enabled.
- **[79510](#)** : Email addresses are not shown on the import summary screen even though they were properly imported.
- [79469](#) : When a web-to-lead form is created without including a redirect URL, the visitor may improperly get directed to an error page upon submitting the form.
- [79173](#) : When attempting to navigate away from the module or save the record, the Unsaved changes warning message may unexpectedly appear for modules containing custom dependent fields.
- [79131](#) : When the "Listview items per page" setting in Admin > System Settings contains a large value (e.g. 50 or greater), it may cause an issue with rendering the "Download PDF" and "Email PDF" options in the record view's actions menu. Changing the "Listview items per page" setting to "20" may help resolve the issue.
- [79108](#) : When editing a record via the list view preview on the intelligence pane, the Resolve Conflict drawer may appear unexpectedly upon save.
- [79009](#) : When the targeted module contains a broken field, configuring an Action element in a process definition causes the Process Design canvas to time out.
- [78890](#) : Updating composer in instances with custom modules deployed from module builder may cause unexpected errors.
- [78885](#) : A SugarBPM process may be prematurely considered complete when part of the process remains unexecuted in job queue.
- [78719](#) : Users may encounter an unexpected behavior when accessing Sugar if the Date Modified field in the user account contains the same value as another user.

- [78709](#) : Users assigned a role with Delete, Edit, or Export permission set to "Owner" may improperly be restricted from downloading and emailing PDFs.
- [78667](#): Attempting to scroll in Sidecar modules (e.g. Meetings) may not work as expected when logged into Sugar on iPad.
- [78600](#) : Special characters are improperly allowed to be entered in dropdown lists' item names.
- [78582](#) : Process definitions do not enforce the requirement that multiple paths must converge before an End event.
- [78580](#) : Saving a record without completing the Salutation field which is marked as required in Admin > Studio may result in unexpected behavior.
- [78527](#) : Inline editing a TextArea field via the subpanel may not work as expected. Reloading the web browser will resolve the issue and allow the user to inline edit the field properly.
- [78487](#) : When renaming modules via Admin > Rename Modules, only the most recent changes will remain and any previous updates to module names will be incorrectly removed after save.
- [78334](#) : Performing certain actions in records containing calculated fields with rollup functions (e.g. rollupSum) and a large number of related records may cause performance issues in Sugar.
- [78315](#) : The same Process ID may be used for multiple processes if a process definition's Start condition is triggered by simultaneous events.
- [78229](#) : Downloading the import file template may take longer than expected for module's containing a large number of records.
- [78128](#) : For dropdown list values, a value's Display Label will improperly revert to a blank value if its Item Name is 0 (zero).
- [77820](#) : The Visibility Editor window may not load as expected and display an error if there is a large number of dropdown dependencies defined in the visibility editor.
- [77780](#) : Instances using MS SQL may see unexpected behavior due to a lack of ORDER BY clause in the list view query.
- **[77738](#)** : Attempting to merge two records (e.g. accounts) may fail with an error if the record that is being merged to the primary record contains a large number of related records (e.g. contacts).
- [77719](#) : If a process definition contains a Wait event that is relative to a date field, the process does not adjust for changes that may occur to the date field after the Wait event's initiation.
- [77609](#) : Generating reports with empty relate fields may not include the associated record in the report result as expected if the related record has been deleted.
- [77302](#) : Upgrades may fail due to queries posted by the upgrade exceeding the max_allowed_packet database setting.
- [77287](#) : Performing certain actions (e.g. import, mass update) in Sugar may result in performance issues if there are numerous calculated fields to be updated in related records. As a workaround, add the following line to the config_override.php file to disable the related calculation field updates:

$sugar_config['disable_related_calc_fields'] = true;. But keep in mind that the affected calculated values will not be updated and running Recalculate Values on related records.

- 77249 : Guests may not get imported to call or meeting records as expected.
- 77087 : When a record is assigned to the user's default private team, changing the Teams field from the private team to another team (e.g. Global) may incorrectly display the team name with the user's last name appended to the end (e.g. Global Smith).
- 77055 : Attempting to mass update the user's outbound email client via Admin > User Management may not work as expected.
- 76401 : The data in the report chart may be inconsistent between the report chart dashlet and the Reports module.
- 76014 : Mass-updating a large number of records that trigger the start event on one or more process definitions will result in a PHP timeout error. Additionally, any processes created before PHP timed out may be corrupt.
- 75254 : Printing reports (e.g. Summation With Details report) to PDF may not work as expected when logged into Sugar via a mobile browser.
- 74919 : Performing certain actions (e.g. Quick Repair and Rebuild) in Sugar that rebuild the cache files may cause unexpected issues in the system if there are multiple users logged in and utilizing Sugar. As a workaround, perform such actions during off-hours where users are not utilizing the system.
- 74628 : Certain workflows using a Relate-type field in the condition may fail to load as expected and result in errors after upgrading to 7.6.x.x. As a workaround, run the following query in the instance's expressions table:

```
UPDATE expressions
SET    exp_type = "id"
WHERE  exp_type = "relate"
       AND lhs_field = "assigned_user_id"
```

- 74539 : Custom fields may not display as expected when previewing call and meeting records via the intelligence pane.
- 74382 : The Case Summary dashlet may not work as expected and cause an internal server error if the account record has a large number of related cases.
- 74350 : An unexpected error may occur when saving a record if there is an issue with the user's default team in the database. As a workaround, run the following query in the instance's team sets table. The affected users will then need to edit their profile to configure their default teams again.

```
UPDATE team_sets
SET    deleted = 1
```

```
WHERE   id NOT IN ("select team_set_id from team_sets_teams where
 deleted = 0")
        AND deleted = 0
```

- [74097](#) : Changing the instance's opportunity model from "Opportunities and Revenue Line Items" to "Opportunities" may cause data to not display correctly when viewing the campaign's ROI.
- [73689](#): When users adjust the list view or subpanel column widths, the user's preferred column size may not be preserved if the browser window is resized.
- [73566](#) : Calculated or dependent fields containing a related() function may not get calculated until after save for activity-type modules (e.g. Notes).
- [73468](#) : Time-elapse workflow may not trigger as expected when a date field (e.g. Expected Close Date) in the condition is set to a date in the future.
- [72810](#) : Filtering the list view search using custom checkbox fields may not work as expected.
- [72625](#), [71848](#) : When a large number (e.g. 60) of PDF templates are available in a module, users may not be able to scroll through the full list of templates via the "Download PDF" or "Email PDF" options in the record view. As a workaround, changing the screen resolution or reducing the number of templates may help resolve the issue.
- [72581](#) : Attempting to merge records in modules containing required dependent fields may not work as expected.
- [71950](#) : Adding TinyMCE to a TextArea-type field (e.g. Description) may cause the field to not display properly in record view when accessing Sugar via certain browsers (e.g. Firefox).
- [71733](#) : Printing archived emails via the browser's print option may not display correctly.
- [70940](#) : Attempting to disable the SAML authentication via Admin > Password Management may not work as expected if the authenticationClass property in config.php has been set to SAMLAuthenticate.
- [69957](#) : Large number of activity stream records may cause performance issues.
- [68985](#) : Custom relationships created between a module and the Activities module via Admin > Studio cannot be deleted as expected.
- [68975](#) : Changing the order of subpanels via Admin > Display Modules and Subpanels does not preserve the order upon save.
- [68461](#) : Searching by non-primary email addresses in the module's list view (e.g. Accounts) does not pull up results as expected.
- [68112](#) : Matrix-type reports display incorrectly when exported to PDF.
- [67886](#) : During the lead conversion process, creating a new opportunity record does not automatically get associated with the revenue line item (if enabled) causing issues completing the lead conversion. As a workaround, create the opportunity record during lead conversion and then manually

associate the opportunity to the revenue line item after.

Supported Platforms

For information on supported platform components, see [Sugar 9.0.x Supported Platforms](#).

Upgrade Paths

Package	From Version(s)	MySQL	SQLServer	DB2	Oracle
New Installs		☐	☐	☐	☐
8.0.4-to-9.0.2	8.0.4	☐	☐	☐	☐
9.0.x-to-9.0.2	9.0.0 - 9.0.1	☐	☐	☐	☐

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