Release Notes

Insights Release 2024.08.02

Build: 0.2024.8.5329

Release Notes

The Janison Insights Release **2024.08.02** includes bug fixes and improvements.

Bug fixes

System & Integrations

- The PATCH / events call would return a '500 server error' each time it was called, even if the call was successful. A fix has been implemented to ensure the correct message is returned to the user when this call is made. Please note, this fix is only available with the latest version of the Events API. (JIRA INS-8288)

Delivery

- When using NoSQL delivery, the attempt Device Name will now be set during candidate login. Note: If the device name is changed after the candidate has logged on, the device will continue to display the device name set at the time of login on the Test Session Administration screen until the attempt has been submitted and saved to the system. (JIRA INS-8224)

- Incident Reports were not respecting org unit hierarchy, so Invigilators with an Incident Report on an assessment event could see other Incident Reports outside their org unit. This has been fixed so users can only see Incident Reports for test sessions in their own org unit. (JIRA INS-8380)

- For Test Sessions assigned to an org unit, candidates from a second org unit that were permitted to join a test session invigilated by a user from the first org unit did not appear in the drop downs on Incident Reports. All users who have joined a test session now show on the dropdown on the Incident Report screens. (JIRA INS-8381)

- Users were unable to reopen submitted timed test attempts. The issue was due to not being able to add extra time when attempting to re-open the selected attempts. This issue has been corrected and submitted timed test attempts can be reopened as expected. (JIRA INS-8389)

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1.

- Details of Disruptions could not be accessed for test sessions after selecting the Disruptions icon on the Test Session Administration screen. A fix has been implemented to ensure Disruption details can be accessed for test sessions as expected. (JIRA INS-8401)

- Zoom settings are now displayed correctly and work as expected when taking example tests using NoSQL delivery. (JIRA INS-8411)

- The Match Interaction (drag and drop) item type will now correctly display when reviewing candidate feedback for example tests. (JIRA INS-8412)

- When set, feedback will be displayed to candidates for the following item types when reviewing example test candidate feedback:

  - Composite (Inline Choice and Multiple Choice)

  - Keyword Entry

  - Match Interaction (Checkbox and Drag and Drop)

  - Gap Match Interaction

    (JIRA INS-8413)

- The values within the "End Time" and "Finish Time" fields were showing inconsistent data on the Test Session Administration screen. This was due to Coordinated Universal Time (UTC) not being correctly calculated in the system. A fix has been implemented to ensure the times are always calculated and displayed as UTC. (JIRA INS-8457)

- Candidates and DoE test administrators were experiencing performance issues during an event caused by increased strain on the database as the Test Definition Cache was being refreshed when any authoring changes were actioned on Insights by the DoE test administrators. A fix has been implemented to have the cache refresh occur every hour instead of after any authoring changes are actioned to prevent any unnecessary strain on the database. (JIRA INS-8503)

- Test Player Display settings were not being honoured when set for example tests. A fix has been implemented to ensure settings are applied for example tests as expected. (JIRA INS-8506)

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2.

- The "M" hotkey to display reference materiel was observing the "Hotkeys Enabled" setting regardless of if the test has reference materiel or not, causing confusion when a blank page was presented. Now, the "M" hotkey is only enabled if both Hotkeys are enabled AND there is Reference Materiel available on the test. (JIRA INS-8507)

- Question feedback for Example tests was not persisting to be provided on non-answered questions during feedback. Now non-answered questions will show the correct answer to the candidate if feedback is being presented (JIRA INS-8510)

- Various issues were encountered when attempting to manage, access, and/or reconcile test attempts, containing uploaded files, delivered via Offline. Fixes have been implemented to ensure that the following actions can be completed successfully; uploaded files can be deleted while offline, reconciliation of offline attempts after they have been completed, and the uploaded files on the attempt can be accessed after completing the reconcile. (JIRA INS-6238, HELPDESK 115636)

- When using NoSQL and session-less delivery, candidates were receiving an error message when attempting to submit their test. Our investigation found that this issue was caused by exit sections duplicating answers in the system. A fix has been implemented to ensure answers are no longer being duplicated, allowing candidates to submit their attempts successfully. (JIRA INS-8319)

- Exit survey responses were not being saved for tests containing one or more exit survey section, using session less and NoSQL delivery. A fix was implemented to ensure responses are now being saved correctly. (JIRA INS-8204)

- A small number of test sessions, delivered using NoSQL, were not automatically transitioned to a 'Marked' state during the finalisation process. A fix has been implemented to ensure this issue will no longer occur, updates have also been made to the test session data deletion process to delete in batches to avoid throughput issues. (JIRA INS-6422)

- A small number of candidate responses were not correctly being saved to Insights; this was occurring for events using SQL delivery with timed tests. The item response would be displayed as "Omitted" for the affected candidates, even if a response had been entered during the attempt if the test attempt had been automatically submitted once the test timer expired before the candidate could manually submit the attempt themselves. A fix

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3.

has been implemented to ensure candidate responses are saved to the system correctly and available in the test attempt details view. (JIRA INS-8017, HELPDESK 114115)

- During their test, a small number of candidates were being displayed a "Falling back to offline behaviour" error message and preventing them from continuing their attempt, even if they were not experiencing any network connectivity issues. This issue was occurring for proctored tests using SQL and session-based delivery, with the reliable delivery setting enabled. While our investigation was unable to successfully reproduce the issue, a fix has been implemented to ensure candidates would be able to take their test without interruption regardless of whether they are experiencing any network issues throughout their attempt. (JIRA INS-8207, HELPDESK 118414)

- After reconciling an attempt, response date, time and duration was not available for any attempts that had been paused during the session. A fix has been implemented to ensure this information is being recorded for all attempts, regardless of the attempt being paused or not. (JIRA INS-8267)

- The audio and screen control buttons were not being displayed correctly to candidates when taking a test using the Test Player. Our investigation found that this was due to a timing related issue, a fix has been implemented so the system correctly sets the options for each player. (JIRA INS-8346)

- An empty box was being displayed on the results summary screen for candidates taking a Hazard Perception Test (HPT). This was caused by existing html not being updated with the recent changes implemented to Insights. The issue has been corrected and the results summary screen will now display the appropriate messaging to the candidate. (JIRA INS-8379)

- A race condition in Test player was preventing Replay from reliably loading tests. Occasionally the test would hang at partial load. This fix improves the server's ability to determine if a test is being delivered in Replay or not. (JIRA INS-8385)

- The count on the 'candidates' tile displayed on the Test Session Administration screen has been updated to only display the number of candidates enrolled to the session, not the number of attempts. For example, if a test session with a linked assessment event containing a test package has two candidates enrolled, and each candidate complete multiple tests each in the same test session, the candidate tile will still only display a count of two. (JIRA INS-8316)

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4.

- Invigilators can now see and select themselves as the reporting invigilator on the Incident Report 'create' screen, in the 'Invigilator' dropdown. (JIRA INS-8232)

- The system was incorrectly creating new attempts in an existing event for any test attempts which had previously been cancelled, either by transitioning them manually or by bulk-cancelling in an event. A fix has been implemented to prevent this issue reoccurring in future. (JIRA INS-8374)

- When using NoSQL delivery, the attempt Device Name will now be set during candidate login. Note: If the device name is changed after the candidate has logged on, the device will continue to display the device name set at the time of login on the Test Session Administration screen until the attempt has been submitted and saved to the system. (JIRA INS-8224)

Marking

- Chief markers were encountering an error when attempting to submit or transition a number of marked responses. The number of questions or tests involved with marking projects had an impact on the system when finalising the marks on the answers. When the number of questions or tests were too high, the system would start failing, preventing the writing of marks for the responses, and subsequently, the closure of the marking project. A fix for this has been implemented to ensure this error does not reoccur. (JIRA INS-8399, HELPDESK 120646)

Reporting

- The SQL query that was returning the last run date for customisable reports configured to use the Last successful run filter param has been updated to fix the failing scheduled jobs with Customisable Report Entity: Answer Response and Test Attempt. This query was performing poorly and timing out intermittently, the updated query will be able to handle the extra load. This issue has been resolved. Please note, Total Questions and Number of Responses columns are not sortable but are sortable when exported to Excel. (JIRA INS-7270)

- Test items on the candidate feedback screen for example tests will now display in the order in which they were displayed to the candidate during their test. (JIRA INS-8398)

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5.

- When attempting to go to the details view of a composite item users were displayed an error message and were unable to access the details page. The issue was caused by the marking feedback attempting to generate the auto generated text for the composite question triggering an error response as the item body was empty when the composite item was created. A fix has been implemented and composite item details can be viewed and accessed as expected. (JIRA INS-8458)

- Custom Attributes of the "Float" type that had very large or very small values were using exponents to store the value in the database, but the report library was not parsing this correctly. This issue has now been resolved and these values will no longer cause an error when being exported. (JIRA INS-8487)

- Issues with missing answers were causing timed tests that auto-submitted to then display an error when feedback was to be presented to the user. This has been corrected and now feedback will correctly display when it should for tests without all questions being answered. (INS-8491)

New Features & Improvements

Authoring

- The following updates have been made to the requirements when creating scheduled exams: o Scheduled exams can be created without needing to enrol any candidates o Last Name field is no longer mandatory when enrolling a candidate Please note: Last Name field is still mandatory if the 'Last name' setting is enabled and set to 'Mandatory' (See Settings > Assessment Event Settings > Exam Class Scheduling Settings > 'Last name'). (JIRA INS-7712)

Delivery

- Incident IDs have been added to Incident Reports in the format of [org unit]-[unique alphanumeric string]. These will show on the Incident Report Edit, Details, Index view pages and added to Incident Report Excel exports. (JIRA INS-8075)

- To aid in navigation of Incident Reports the following navigation has been added to the Incident Report edit and details view,

- o   Session dashboard

- o   Session incident reports

- o   Organisation unit incident reports

And the following navigation on the Incident Report index view,

- o   Session dashboard

  (JIRA INS-8404)

- Updates have been implemented to improve the process of validating whether test resources require updating for a device. Upon candidate login, using a one time code and session code, the device will be brought to adhoc preparation where the system will check the existing question definitions on the device. If the definitions are out of date, the system will trigger a re-download of the items requiring an update.*

  Please note:

  - o   Test Definitions on the server have a cache of 1 hour, this means that after a question is modified, it will not be downloaded until the cache expires, at which the new question definition will be downloaded the next time a candidate logs into the tests.

  - o   If an attempt is already prepared, it will not perform ad-hoc preparation, so the question definition check will not run and they will continue with the current question definition on the device.

  Existing data on devices will not have a last updated field, so a default fallback has been set to August 13th 2024. This should prevent all existing questions from needing an update if their last modified is before this date, but any changes made to question definitions after this date will trigger the validation described above.

  To enable this functionality, the ""Enable Replay Cache Update on Test Definition Update"" setting must be enabled for the site. (JIRA INS-8513, HELPDESK 120918)

- During session-based timed tests, candidates who had their attempts postponed during the test would have their test attempt be auto-submitted upon attempting to rejoin a session. This issue was caused when an attempt was postponed, with the the candidate leaving the test via the modal, the attempt is then still flagged as needing reconciliation. This would then reconcile the attempt, causing it to rejoin the session. A fix has been implemented to prevent the attempt from reconciling in this scenario.

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Please note;

- o If the attempt is postponed while the device is offline, but then reconnects, the attempt will reconcile and re-join the same session if reliable delivery is enabled.

- o If the attempt is postponed online, but then the device goes offline when the candidate log back into their attempt, the attempt will not progress past the attempt expired modal, the candidate will be required to bring the device online and login to get the up to date status from the server.

It is also noted on the postpone attempt modal on the session that this results in the attempt being unusable, if offline. This warning should be heeded when postponing a candidate.

(JIRA-8418)

- Test Player Themes are now being correctly applied when set for published Example tests. (JIRA INS-8557)

- When using NoSQL delivery, the system will now sync and save all available test attempt data to the database upon submission. This change has been made to reflect the same behaviour used in SQL delivery. The test attempt data will be available to view via the attempt details screen, test session screen, and customisable reports. (JIRA INS-8264)

- Assessment Event has been added as a new property for Incident Reporting. The field is available via the API (displayed as a GUID) and on the Incident Report create, edit, view screens. Also available on the excel file export and reporting index view screen. When creating an Incident Report from the test Session Administration screen, the assessment event field will be pre-populated based on the candidate test attempts within the session but will also have a selectable dropdown of available assessment events based on the logged in user's scope. This is a mandatory field and cannot be edited once the Incident report has been created. There are some remaining fixes required for this change and will be addressed in a later release. (JIRA INS-8139)

- Users will be prevented from publishing an existing test as an example test and displayed the error message "Incorrect Marking Mode set. Please check your request and try again". Please note, this restriction will ONLY occur when "Enable example test feedback" (Settings>Assessment Event Settings>Example test settings) and "Use NoSQL delivery" (Settings>Assessment Event Settings>Delivery Settings) settings are enabled, and the test is set to a Marking Mode that is NOT "Automatic". (JIRA INS-8340)

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8.

- Example or practice test candidate feedback. Test feedback is now supported for example tests on Janison Insights. If example test feedback is enabled, candidates will be directed to the candidate feedback page, after submitting their test, allowing them to review their test results and feedback. The feedback that is displayed to the candidate will depend on the feedback set on the item by the test author.

  This feature is supported *ONLY* when using the following configuration:

  - Feedback type: Formative
  - Delivery mode: NoSQL
  - Marking mode: Automatic
  - Live feedback and marking: Enabled AND set for the item

  (JIRA INS-8211)

  [Click here for more information regarding Example Test Feedback](#) or visit [Requirements & Settings](#) to see how you can enable this feature.

Marking

- Code has been refactored to remove rare false positive "Success" messages being sent by the Task Scheduler for Enrolment Based Marking state transitions. (INS-7969)
- "Feedback to candidate" can now be edited, and updated when using double marking, and reviewable by Chief Markers when using standard Marking. (JIRA INS-8290)

Reporting

New Entities have been added to Customisable Reports, "Personal Needs and Preferences" and "Test Attempt PnPs".

Both have the following fields added: Name, Identifier, Description, Active, Show on Check-In, Extra Time In Minutes.

(JIRA INS-8459)

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