Customer Release Notes

eRAD PACS
Version 8.0
Server Build 57

Release Date November 8, 2022

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New Features and Enhancements

1. **Enhance FileResource encoding to compact logs**

    The file resource identifier used by proliferation tasks and recorded in log files has been condensed to save space and made (slightly) more human readable.

2. **Fill study edit page dropdown lists with distinct database values**

    Items in selection lists on the study edit page include values stored in existing study records as well as the list values defined by the field's configuration when the field's settings (editable from the Customize Labels page) have Limit selection to List Values checked and Is strict enum unchecked.

3. **Password field length on Password Reset page**

    The password field on the password reset page imposed a limit that did not exist on other pages. All pages permit assigning passwords of unlimited length.

4. **Forward actions on worklist servers are missing options**

    REVERSIBILITY NOTICE: Downgrading requires recreating DICOM forward actions on WL servers. Forward options, including batches, selecting available targets, sending updates and sending the report only, have been added to all forward mechanisms, including automatic (device-assigned) forwards, manual forwards and forward actions.

Resolved Issues

1. **User dropdown search field and results inconsistency**

    The user name filter drop down menu used the user name and user ID interchangeable, both in display and database query, leading to confusing results. The field permits users to enter user names and both the user name and user ID are displayed, but when the command is invoked, the value applied is the user ID. This has been resolved.

2. **User dropdown unnecessary server queries**

    When some non-visible characters, such as the left and right arrows, were entered into a user name field drop down panel, such as when filtering on the user name, the web page triggered an unnecessary call to search the database. This has been resolved.

3. **User dropdown disappearing default values**

    Some default items in the user name drop down menus are supposed to remain, even when the type-ahead string is applied, but they were filtered out. This has been resolved.

4. **User dropdown search field blocked out by dropdown panel**

    On the manual forward setup page, the user name field (when forwarding to a folder) could become obstructed by the popup menu. This has been resolved.

5. **User dropdown css error**

    When clicking out of a text entry field when configuring the default user in a web services device edit page, the stylesheet was cleared and when clicking back into the text field, the user's custom color setting was not applied. This has been resolved.

6. **Report icons in the study details tab on the worklist page not working as expected**

    The report selection tools in the report view in the worklist's patient folder were functioning incorrectly: the color scheme was hardcoded to dark theme; the report component icons failed to select the corresponding report component; and the delete button was highlighted instead of the report component icon. In addition to resolving these issues, a new button, Open All Reports, was added to load all the report components into a single view.

7. **Mammo tools not working after upgrade**

    REVERSIBILITY NOTICE: To downgrade, the plugin license(s) must be regenerated. The mammography, volume 3D and fusion plugins' short names changed from the ones used in v7 so after upgrading, the plugin license was not recognized. This has been resolved.

8. **SQL Injection vulnerability in JSP pages**

    [1]A couple webpages determined to be vulnerable to SQL injection threats have been secured.

9. **Tasks are not collapsing sometimes**

    Multiple collapsed prepStudy tasks could exist in the task queue at the same time due to a racing condition when creating these tasks. This has been resolved.

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[1]

10. **Post-collapsing should work for retry tasks**

    prepStudy tasks in the retry queue could not be terminated by the post-collapse cleanup function. This has been resolved.

11. **User Accounts page Last Seen filter is not working**

    A change to the filter construction was not applied to the user account page's Last Seen, Sign in, and Sign out fields causing a format exception when attempting to filter on the field's value. This has been resolved.

12. **Negated time of day filter not working as expected**

    A change to the time's short format handler did not handle requests for negated search criteria. This has been resolved.

13. **Calculated fields tag list should be ordered alphabetically**

    The tag list available when configuring calculated fields was unsorted, making it difficult to locate a specific tag. This has been resolved.

14. **Tech View carousel miscalculates on non-square images**

    Images having an aspect ratio other than 1:1 caused the technology view page's carousel to show partial images and the scrolling tools to fail. They also rendered the page's thumbnail image size options useless. This has been resolved.