



Customer Release Notes

eRAD PACS
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New Features and Enhancements

1. Web Services notification triggered at child did not get sent

Based on timing, an auto-correction message originating at a child server can jump ahead of the first object registration message, allowing third party devices to believe a study exists before it actually does. Auto-correction messages are suspended until the hub server registers at least one object.

2. Enumerated filters should support free text search

Worklist columns defined as enumerated lists might contain values not present in the configured list of values. A free text field is available in the filter panel so these values can be entered as search criteria.

3. Drag and drop of multi-value filters

Multi-value fields such as Modality allow filtering on multiple values. Users drag the value into the filter panel. Individual values are separated by backslash characters.

4. Update Customize Labels page

The Customize Labels page used to customize database fields has been updated to use GWT and adopt a look and feel similar to other web pages. All existing features remain, including the ability to configure individual settings for most database fields and the ability to create and modify calculated fields. Some minor differences exist as a result of changes to the associated feature, not because of the update to GWT.

5. Provide notification to resolve users with weak password hashes

This tool is added to a cron job to run once per day and if accounts are found a notification message is posted to administrator accounts.

6. Study with invalid time zone offset value displays empty study date

Objects containing a non-compliant time zone offset value ignore the bad data and present time values as recorded in the object.

7. Warn admin when a study is acquired that might nullify the server license

The server's license is checked against multiple events and data. When one of these is detected but not enough to invalidate the license, the system sends a message notification to administrators. Admins can contact eRAD support for details and ways to avoid a license exception.

8. Remove weak passwords when importing user accounts

When importing user accounts from a backup file, the system checks the password hash and removes the weak ones. These users will need to reset their password when logging in. The affected accounts are listed in the import log file.

Resolved Issues

1. Database field length is not restricted in Customized Label list values

The length of enumerated values assigned to a database field were not checked and resulted in unexpected values and results. The length is defined on the setup page and values lengths are enforced before saving them. This has been resolved.

2. Special V7 filters should work the same way in V8

Worklist filters for name fields, study size and multi-value fields have been updated to support features available in earlier versions, including the ability to search on individual name components. This has been resolved.

3. Users can delete their own .access list

Some operations could be copied from the browser's network panel and invoked from another browser by a user with different permissions, allowing users to perform unpermitted operations. The missing permission check has been applied. This has been resolved.

4. User's forward targets can be ignored

Some operations could be copied from the browser's network panel and invoked from another browser by a user with different permissions, allowing users to perform unpermitted operations. The missing permission check has been applied. This has been resolved.

5. Users can forward or delete studies that aren't on their access list

Some operations could be copied from the browser's network panel and invoked from another browser by a user with different permissions, allowing users to perform unpermitted operations. The missing permission check has been applied. This has been resolved.

6. Non admin users can see some system lists

Insufficient checking of a return code permitted some system lists (ie, owned by the @system account) to appear on a non-admins saved filter list. This has been resolved.

7. Messaging recipient limits can be ignored

Some operations could be copied from the browser's network panel and invoked from another browser by a user with different permissions, allowing users to perform unpermitted operations. The missing permission check has been applied. This has been resolved.

8. Configured device timeouts did not get picked up properly

After upgrading the DICOM toolkit, the server's connection timeout handling failed to recognize the configured timeout values and applied the default instead. This has been resolved.

9. When trying to delete locked studies, the pre-delete page misses the lock icon

The delete confirmation page was missing the lock icon indicating which studies were locked and unable to be deleted. This has been resolved.

10. Orders prevent opening studies via EPWS interface

When a hub server is backed up, the command to purge an order across the dotcom after correcting it to an image failed to propagate. As a result, the study could not be opened from the RIS because the search for the study returned multiple items (the study and the lingering orders). This has been resolved.

11. Global restriction is ignored by viewer's previous/next buttons

The system ignored global restrictions when selecting the next/previous study. If the user does not have permission to view the study selected, he/she ends up with an invalid study error. This has been resolved.

12. Extra exception thrown by CacheStateToolbox

When a registered viewer device issues a cache state request to the server and the server does not have an explicitly defined prior study cache state setting, the parsing algorithm misinterprets the parsing results and registers an unnecessary exception in the log file. This has been resolved.

13. Page does not refresh after editing/creating DocType

Newly created document types failed to show up on the document type configuration page until after a browser page refresh. This has been resolved.

14. Uncaught client exception from IE is obfuscated

Uncaught exceptions coming from Internet Explorer were not handled properly, resulting in a web page exception. This has been resolved.

15. Study update messages may suppress Study acquisition messages

When a study update and study acquisition event occur within the same period, the study acquisition notification message could be suppressed due to the message reduction process. Now, study acquisition events are no longer collapsed with study update events. This has been resolved.