



Customer Release Notes

eRAD PACS
Version 8.0
Server Build 23

Release Date February 24, 2021

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New Features and Enhancements

1. Redirect acquired objects to correct hub

Broken studies in which objects exist on multiple hubs are automatically detected by the system (specifically, the top-most server) and corrected. The feature affects new studies only. It is enabled by default and can be disabled from the MultiHub Cleanup section of the Admin/Server Configuration page by users with Support rights. The process starts after no additional objects have been acquired for five minutes. All activity resulting from this process is logged.

2. Resent DICOM object should not be reprocessed

Additional processing has been applied to identify resent objects with no changes so they do not get reprocessed unnecessarily.

3. Manually lock a user account

Administrators can manually lock a user account from the user account table's lock tool, and from the Password section of the account Edit page. Note that manually locked accounts cannot be auto-unlocked. An administrator must manually unlock a locked account. All activity resulting from this process is logged. See User Accounts

Resolved Issues

1. Group lists can only have Notify action applied

Actions, with the exception of the Notify Action, cannot be assigned to group accounts, but the user interface failed to enforce this restriction. Existing actions assigned to group accounts disabled at first restart. Admins are notified if any Actions are disabled.

2. Handling spaces in Group IDs

Spaces are not permitted in group IDs, but this was not enforced when creating new groups or when importing groups during upgrades. Existing group IDs containing spaces will be modified by replacing the space with an underscore.

3. HTML-encoded characters in plain text report

Some remaining web pages were not defined to use UTF-8 by default. In this specific case, flat report text containing accented characters was not handled correctly when sent via HL7. This has been resolved.

4. Logs show list actions run multiple times

After moving list management to the database, Action study lists were not sorted, which could result in processing a study multiple times and, less likely, missing a study completely. This has been resolved.

5. Editing filters from Other Lists does not show all applied filters

Displaying a list's properties from the Other Lists page had some formatting issues that truncated the filter's details. This has been resolved.

6. Deleting folder leaves behind orphaned content

When deleting a folder, the system removed the container but failed to check for and remove study references assigned to the folder. If a folder is not empty when deleted, the user is prompted before the study reference is removed. This has been resolved.

7. Created media missing a study

When creating media with two or more studies that do not yet exist on the media creation server, the download of one might be delayed. For example, it might need to be retrieved from an archive, or it is still propagating up a dotcom from a child server. The system was not always waiting for all studies to arrive before building the media file. This has been resolved.

8. Web services commands with a missing session ID do not prompt for credentials

If a web services API link could not complete, the response was hard coded to report an authorization failure. Now it prompts the user for credentials.

9. Redirecting to a WEB API link URL after login loses the redirect target

If prompted to enter user credentials after issuing a web services API link without a valid session ID, a failed first attempt lost the intended API target (page) and the user ended up on an unexpected web page. This has been resolved.

10. Double quote is not escaped when using Patient Matching Criteria

If a field used in the patient matching criteria contained double quotes, the patient folder panel would not open because the system failed to escape the met character. This has been resolved.

11. Factory, system, group, user configurations should not be copied automatically

UPGRADE NOTICE: This fix does not remove existing system default worklists.

If a system default worklist was created as a result of this bug, it must be deleted manually. The factory default worklist was incorrectly saved as the custom system-level default if no system default worklist existed.

12. Other lists cannot be deleted on latin2 collation sites

Servers configured with a database set up for latin-2, or any character set other than latin-1, mishandled some collation details, resulting in a failure to manage some saved worklists, including deleting them. This has been resolved.

13. Action empty study file bug during Action DB conversation

When moving worklists and actions to the database (medsrv-8.0.21), empty action study lists were interpreted as a disabled action. As a result, after the upgrade, the action was disabled. Note that this fix does not restore actions disabled by the bug. These actions must be re-enabled manually.

14. Group lists are lost if the length of the group id is 20 characters

The database length of group list names failed to account for a character appended by the system software, causing errors when using a group list whose label was exactly 20 characters long. This has been resolved.

15. Study id stays in the action study id list after it is removed from the WL

After moving saved worklists to the database, worklist actions failed to remove non-matching studies from the managed list of studies, causing the database table to grow large. This has been resolved.

16. Resetting lock setting could unlock manually-locked accounts

Resetting the auto unlock time setting unintentionally changed the lock period for explicitly-locked accounts, allowing them to be reset by the user. This has been resolved.