



Customer Release Notes

eRAD PACS
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New Features and Enhancements

1. Series level "delete immediate"

Users can delete series throughout the dotcom and allow it to be resent to the server (i.e., employ the "delete immediate" feature) when the Delete Mode setting on the *Server Settings/Study Operations* page is set to **Delete Immediately**.

2. Include accession number and patient ID in delete notification messages

The web services delete notification message includes the patient ID and accession number. See the *eRAD PACS Web Services Programmer's Manual* for details.

3. Web services allow querying of task information

Web services client applications can use the monitor command to retrieve system monitoring metrics such as the number of tasks in the task queue.

4. Restore callback hook functionality

The callback hook functionality has been restored. Settings are available on the *Server Settings/Register Callback Hooks* page. Administrators can define a URL to call when a matching study log event occurs.

5. Expand admin capability to track and take action on weakly hashed passwords

Admins are notified when user accounts with weak password hashes exist. To get an actionable list of affected accounts, add the Weak Password column to the user accounts page and filter for true entries.

6. Allow document (attachment) upload via EPWS

The web services library includes a command to upload an attachment to an existing study. See the fileUpload command in the *eRAD PACS Web Services Programmer's Manual* for details. Supported file types include JPG, BMP, TIF and PNG. The system responds the same as if the file was uploaded using the GUI-based upload tool.

7. Multi-hub cleanup should not forward obsoletes to DR by default

The built-in default for propagating deletes when using the multi-hub cleanup tool has been changed to go to dotcom servers but not archives. The setting, Propagate delete from source hub to, can be changed on the *Server Settings/ Multi-hub Cleanup* page.

8. Increasing log rotation time

The log rotation time for the info.log and error.log files has changed to 30 days. The setting, LogRotateDays, is configurable in ~/var/conf/self.rec. Note that the logs subdirectory named “week” remains unchanged, even if the rotation time is not seven days.

9. Object level "delete immediate"

Users can delete a select image throughout the dotcom and allow it to be resent to the server (ie, employ the “delete immediate” feature) by checking the “Immediate” box in the confirmation panel displayed when deleting an image from the Technologist View page.

Resolved Issues

1. Copying user profile returns an error

When a legacy user profile setting is found, it is automatically converted to a new value, eliminating the need to notify the user.

2. Misplaced "No matching data found" list label

The worklist filter label field could miscalculate the width of the field, causing labels to appear outside the field limits.

3. Missing list header after Query Qualifier suspend

If the user cancels a worklist query that triggers the query qualifier, the resulting table contained no column headers.

4. Dashlet type is always Messages on User Preferences Dashboard Settings

The user preferences dashboard settings listed the Statistics dashlet types as a Messages type.

5. Dashboard settings "Move to" command does not work

Moving a dashboard from one page to another on the dashboard configuration page was saved only when the dashlet was created. Moving it afterwards appeared to work but the change was not saved.

6. Mount monitoring performance issue

The free space available on each mounted device was logged every five minutes but the calculator ran every minute. Now the calculator runs every five minutes.

7. Select filter issue on PN fields

When a person name field is defined to use an enumerated list of names, the system failed to ignore name formatting characters when checking for matches.

8. Web viewer - Alternate layout causes buttons to become unresponsive

An obsolete feature for selecting the web viewer's grid layout could be activated, leading to erroneous results. The obsolete tool has been removed.

9. Web viewer - Mouse scroll does not work when over a thumbnail

When scrolling an image in the web viewer when the cursor was situated over a thumbnail/cross reference image, scrolling stopped because of a missing mouse event.

10. Web viewer - series linking button does not size properly on different grid layouts

After changing the grid layout to something other than 1-up, the link tool button might be drawn incorrectly because it did not exist in the original layout and was not accounted for in the updated layout.

11. Deleting a series of a study that is locked fails

If a user attempted to delete a series or object from the Technologist page and the study was locked by another user, the delete failed because it was double-locked.

12. Purge action configuration page allows selecting invalid combinations

The options to delete immediately and keep the reports are mutually exclusive, yet they were both active when configuring a purge action. Now, checking the box to keep reports will disable the delete immediate and purge matching object options, and vice versa.

13. MCS tasks remain in retry after the media session is canceled

Media creation tasks remained in the retry queue after a media session was canceled. The tasks were intended to detect the database records and media directory were removed but encountered an exception when checking the existence of the directory, causing the task to go to retry.

14. Web viewer - incorrect localizer lines in certain studies

When the patient orientation is invalid, possibly due to rounding errors, it gets reset to the default, but that could cause the web viewer to cross-correlate unrelated images. To

avoid this, less significance is given to the individual vector values, and if applicable, the frame of reference is ignored.

15. Worklist refresh loads list suspended by Query Qualifier

If the query qualifier suspended a worklist search and the worklist remained active long enough to trigger a worklist refresh, the worklist refresh ignored the suspension state and performed the query without the query qualifier check.

16. Images looked crunched in the web viewer

When an image's pixel spacing was negative, the system overrode the value with a fixed distance which caused some images to appear compressed. Using the absolute value of the defined value provides a usable distance without causing presentation anomalies.

17. Images are askew in the web viewer

A missing fix to webcl caused some attachment images to display improperly in the web viewer.

18. Certain profile components are not copied properly

When copying profile settings from one user to another using the GUI's copy profile tool, some toolbar locations and shortcut tables were not copied completely.

19. Serious sub-optimality in AutoForward with series forwarded

Series and object level auto-forwards was inefficient. If sending updates was applied to the forward, tasks were created to check the entire study for resends, not just the affected series or objects.

20. Taskd deadlock with collapsible retry tasks

Taskd could become deadlocked when collapsing tasks after retrying them while creating a new task.

21. Access List prevents Print Friendly and Key Image size change features of prior study

Including restricted prior studies in the patient folder study list failed to extend access to the print friendly and key image size tools, resulting in messages warning that the study did not exist.

22. Free text name filter with equals modifier behaves like a begins filter

Introduced in medsrv-8.0.68, when the person name filter was set to match exactly (using the is modifier), the search matched records beginning with the defined criteria as well.

23. HTTPS to HTTP redirect goes to infinite loop

When using a Chrome or Edge browser and secure HTTP in the URL when the server is configured to force unsecure HTTP protocol, redirected viewer requests went into an infinite loop and the study would not load. The solution is to use secure HTTP when declared, regardless of the server's secure connection setting.

24. Incorrect help server URL created for the viewer with build 300 and later

The jump in Evo viewer build numbers was not applied to the function that generates the viewer's help system URL, causing builds 300 and later to load an old version of the help pages. This fix is on the server side. All viewers will use the appropriate URL once this fix is applied to the server.