

Server Update

For eRAD RIS
Version 2.0
Build 43
Update 43.0.12

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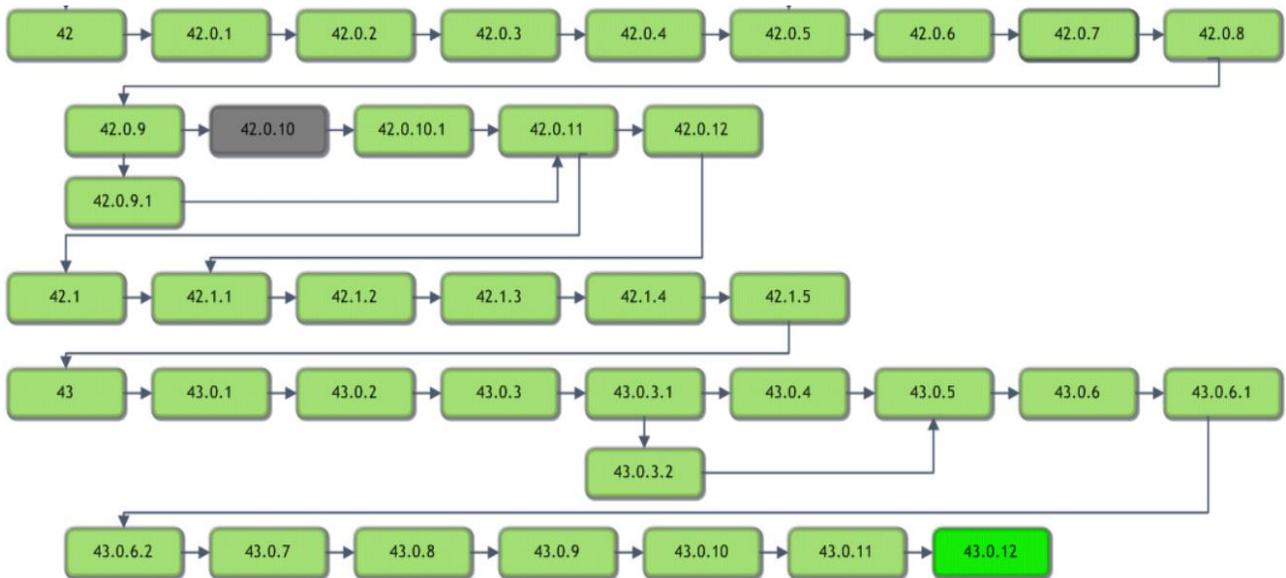
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1. Defects Resolved

| Redmine # | Tracker | Subject | Priority |
|-----------|---------|---------------------------------------------------------------------------------------------------------------------------------------------|----------|
| 7896 | Bug | Residual Cross site schedule code from future development got put into b43.0.7 that can allow multiple site to come back in a search result | Urgent |
| 7870 | Bug | Insurance Eligibility - Exclude Service Type lines that have a null Period | Urgent |
| 7868 | Bug | Insurance Eligibility - Need to parse returns for text applying to RadNet | Urgent |
| 7907 | Bug | Billing Grid - Unable to copy policy number | Normal |
| 7906 | Bug | CD Burning - Failing due to missing patient_id field in Perform Exam | Normal |

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2. Code Stream



Legend:

Light Green = Released software

Gray = Will not be released

Bright Green = Current Release

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3. Package Contents

Files included for this server update:

1) GUI ZIP Updates folder contains:

- rRIS_1.3.43.0.12.25554.zip

2) RIS_Service_Updates contains:

| | |
|---------------------------------------------------|------------------------------------|
| ABCpdf.dll | Radar.DirectMessaging.Model.dll |
| ABCpdf9-32.dll | Radar.DirectMessaging.Model.pdb |
| ABCpdf9-64.dll | rRISServices.exe |
| Antlr3.Runtime.dll | rRISServices.pdb |
| CDSJobManager.dll | rRISServicesx64.exe |
| CDSJobManager.pdb | ScheduledTaskManager.dll |
| CdsLib.dll | ScheduledTaskManager.pdb |
| CdsLib.xml | ServicesConfigWizard.exe |
| CdsLib.XmlSerializers.dll | ServicesConfigWizard.pdb |
| CommonLib.dll | SignatureApprovalService.exe |
| CommonLib.pdb | SignatureApprovalService.pdb |
| contents.txt | System.Net.Http.dll |
| DDEngine.dll | System.Net.Http.Formatting.dll |
| DDEngine.pdb | System.Net.Http.xml |
| DiffPlex.dll | System.Web.Http.dll |
| Interop.ANYMODALCAPTURECTRLLib.dll | System.Web.Http.SelfHost.dll |
| Interop.FAXCOMEXLib.dll | System.Web.Http.SelfHost.xml |
| Microsoft.Practices.EnterpriseLibrary.Caching.dll | System.Web.Http.WebHost.dll |
| Microsoft.Practices.EnterpriseLibrary.Caching.pdb | System.Web.Http.WebHost.xml |
| Microsoft.Practices.EnterpriseLibrary.Common.dll | System.Web.Http.xml |
| Microsoft.Practices.EnterpriseLibrary.Common.pdb | System.Web.Mvc.dll |
| Microsoft.Practices.EnterpriseLibrary.Logging.dll | System.Web.Mvc.xml |
| Microsoft.Practices.EnterpriseLibrary.Logging.pdb | System.Web.Optimization.dll |
| Microsoft.Practices.ServiceLocation.dll | System.Web.Razor.dll |
| Microsoft.Practices.ServiceLocation.pdb | System.Web.Razor.xml |
| Microsoft.Practices.Unity.dll | System.Web.WebPages.Deployment.dll |
| Microsoft.Practices.Unity.Interception.dll | System.Web.WebPages.Deployment.xml |
| Microsoft.Practices.Unity.Interception.pdb | System.Web.WebPages.dll |
| Microsoft.Practices.Unity.pdb | System.Web.WebPages.Razor.dll |
| Microsoft.ReportViewer.Common.dll | System.Web.WebPages.Razor.xml |
| Microsoft.ReportViewer.WinForms.dll | System.Web.WebPages.xml |
| Microsoft.ReportViewer.WinForms.xml | Tourreau.Gilles.FaxDotNet.dll |
| Newtonsoft.Json.dll | Tourreau.Gilles.FaxDotNet.pdb |
| Newtonsoft.Json.xml | Tourreau.Gilles.FaxDotNet.xml |
| NLog.dll | WCFSservice.dll |
| O2S.Components.PDFRender4NET.dll | WCFSservice.pdb |
| PDFToImages.exe | WCFSserviceTests.dll |
| Radar.Common.dll | WCFSserviceTests.pdb |
| Radar.Common.pdb | WebApi.dll |
| Radar.Common.WebClient.dll | WebApi.pdb |
| Radar.Common.WebClient.pdb | WebGrease.dll |
| Radar.DirectMessaging.Client.dll | Wedge.exe |
| Radar.DirectMessaging.Client.pdb | Wedge.pdb |

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The rRIS_Service_Updates also contains to subfolders:

- A. Deploy folder contains
 - a. Applicationsettings.config
 - b. ReleaseVersion-connectionstrings.config
 - c. rRISServices.exe.config
 - d. services.config

- B. XSL subfolder contains:
 - a. Subfolder titled “Stylesheets” which contains:
 - a. CDAToHTMLCompleteReport.xslt
 - b. CDAToHTMLCompleteReportDark.xslt
 - c. CDAToHTMLImpressionSection.xslt
 - d. CDAToRIS.xslt
 - e. CDAToTxt.xslt
 - f. DocumentModelReport.xslt
 - g. DocumentModelReportAsXml.xslt

 - b. CDA Subfolder contains
 - a. C-CDA.xsl
 - b. eRadStylesheet.xsl
 - c. generalTemplates.xsl
 - d. header.xsl
 - e. QRDA.xsl
 - f. QrdaLevel3_Cypress2.4.0.xsl
 - g. QrdaLevel3_ViewHtml.xsl
 - h. sectionAdministeredMedications.xsl
 - i. sectionAllergies.xsl
 - j. sectionEncounters.xsl
 - k. sectionFindings.xsl
 - l. sectionFuncCogStatus.xsl
 - m. sectionImmunizations.xsl
 - n. sectionInstructions.xsl
 - o. sectionMedications.xsl
 - p. sectionPlanOfCare.xsl
 - q. sectionProblemList.xsl
 - r. sectionProcedures.xsl
 - s. sectionQRDAMEasures.xsl
 - t. sectionQRDAPatientData.xsl
 - u. sectionQRDAREporting.xsl
 - v. sectionReasonForVisit.xsl
 - w. sectionResults.xsl
 - x. sectionSocialHistory.xsl
 - y. sectionVitalSigns.xsl

- C. SQL Folder contains:
 - B43.0.12.sql

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4. Intended Audience

This document is created by the RIS Development team for the RadNet/eRAD RIS Implementation teams.

5. Who is affected

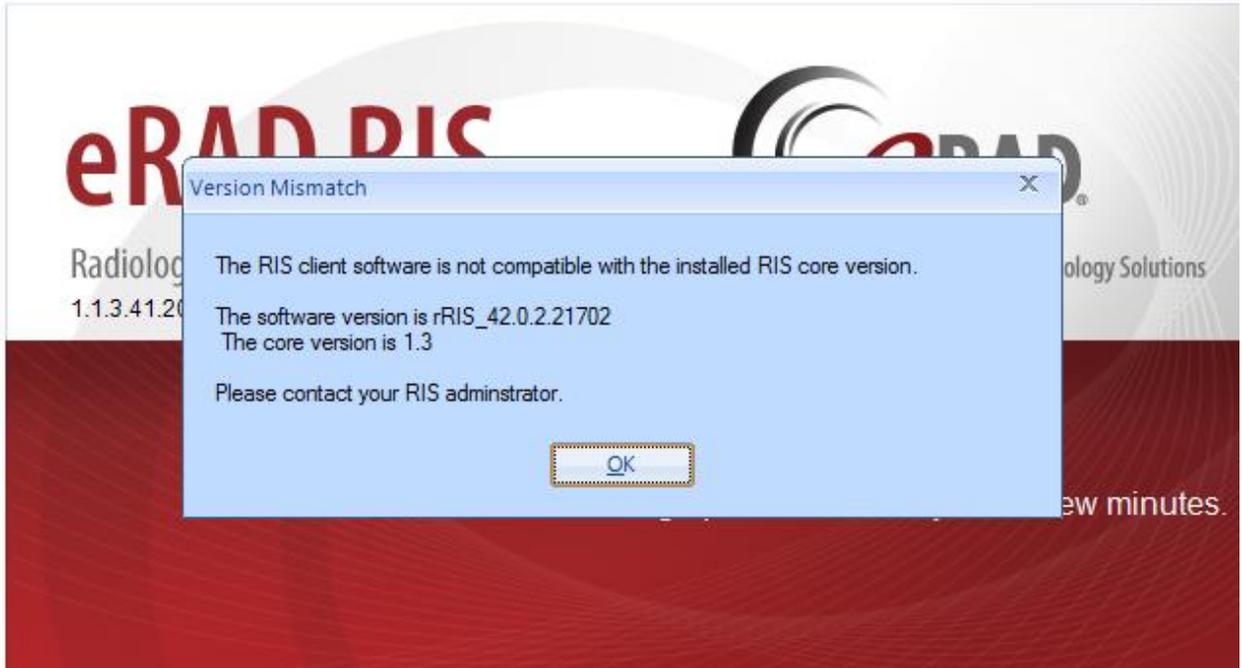
Build 43 installs. Server updates are not cumulative. This server update must be applied to 43.0.8

6. eRAD RIS Release Version Numbers

| Build | Patch | UI Version | Core Version | WS Version | DB Version | Notes |
|-----------|-----------|-----------------------------|-----------------------|------------------------|------------------------|-------------------------------------------------------------------|
| 42.1 | - | 2.42.1.0.22744(3GB) | 2.42.0.0.21261 | 2.42.1.0.22744 | 2.42.1.0.22736 | GUI.zip, Web Service, DB updates and Management Report Deployment |
| 42.1 | 1 | 2.42.1.1.2296(3GB) | 2.42.0.0.21261 | 2.42.1.1.22963 | 2.42.1.1.22864 | GUI.zip, Web Service, DB updates |
| 42.1 | 2 | 2.42.1.2.23007(3GB) | 2.42.0.0.21261 | 2.42.1.2.23007 | 2.42.1.2.23007 | GUI.zip, Web Service, DB updates |
| 42.1 | 3 | 2.42.1.2.23237(3GB) | 2.42.0.0.21261 | 2.42.1.2.23237 | 2.42.1.2.23007 | GUI.zip, Web Services |
| 42.1 | 4 | 2.42.1.4.23348(3GB) | 2.42.0.0.21261 | 2.42.1.4.23348 | 2.42.1.2.23007 | GUI.zip, Web Services |
| 42.1 | 5 | 2.42.1.5.23406(3GB) | 2.42.0.0.21261 | 2.42.1.5.23406 | 2.42.1.2.23007 | GUI.zip, Web Services |
| 43 | - | 2.43.0.0.23715(3GB) | 2.43.0.0.23171 | 2.43.0.0.23715 | 2.43.0.0.23743 | Full Version Release |
| 43 | 1 | 2.43.0.1.23798(3GB) | 2.43.0.0.23171 | 2.43.0.1.23798 | 2.43.0.1.23770 | GUI.zip, Web Service, DB updates |
| 43 | 2 | 2.43.0.2.24017(3GB) | 2.43.0.0.23171 | 2.43.0.2.24017 | 2.43.0.2.24023 | GUI.zip, Web Service, DB updates and Management Report Deployment |
| 43 | 3 | 2.43.0.3.24298(3GB) | 2.43.0.0.23171 | 2.43.0.3.24298 | 2.43.0.3.24283 | GUI.zip, Web Service, DB updates and Management Report Deployment |
| 43 | 3.1 | 2.43.0.3.24450(3GB) | 2.43.0.0.23171 | 2.43.0.3.24298 | 2.43.0.3.24421 | GUI.zip and DB updates |
| 43 | 3.2 | 2.43.0.3.24450(3GB) | 2.43.0.0.23171 | 2.43.0.3.24298 | 2.43.0.3.24421a | DB updates |
| 43 | 4 | 2.43.0.4.24447(3GB) | 2.43.0.0.23171 | 2.43.0.4.24447 | 2.43.0.4.24442 | GUI.zip, Web Service, DB updates and Management Report Deployment |
| 43 | 5 | 2.43.0.5.24632(3GB) | 2.43.0.0.23171 | 2.43.0.5.24632 | 2.43.0.5.24560 | GUI.zip, Web Service and DB updates |
| 43 | 6 | 2.43.0.6.24914(3GB) | 2.43.0.0.23171 | 2.43.0.6.24914 | 2.43.0.6.24914 | GUI.zip, Web Service and DB updates |
| 43 | 6.1 | 2.43.0.6.24937(3GB) | 2.43.0.0.23171 | 2.43.0.6.24937 | 2.43.0.6.24914 | GUI.zip, Web Service |
| 43 | 6.2 | 2.43.0.6.24970(3GB) | 2.43.0.0.23171 | 2.43.0.6.24970 | 2.43.0.6.24914 | GUI.zip, Web Service |
| 43 | 7 | 2.43.0.7.25258(3GB) | 2.43.0.0.23171 | 2.43.0.7.25258 | 2.43.0.7.25226 | GUI.zip, Web Service, DB updates and Management Report Deployment |
| 43 | 8 | 2.43.0.8.25440(3GB) | 2.43.0.0.23171 | 2.43.0.8.25440 | 2.43.0.8.25425 | GUI.zip, Web Service, DB updates and Management Report Deployment |
| 43 | 9 | 2.43.0.9.25477(3GB) | 2.43.0.0.23171 | 2.43.0.9.25477 | 2.43.0.8.25425 | GUI.zip and Web Service |
| 43 | 10 | 2.43.0.9.25477(3GB) | 2.43.0.0.23171 | 2.43.0.10.25477 | 2.43.0.8.25425 | Web Service |
| 43 | 11 | 2.43.0.11.25512(3GB) | 2.43.0.0.23171 | 2.43.0.11.25512 | 2.43.0.8.25425 | GUI.zip and Web Service |
| 43 | 12 | 2.43.0.12.25554(3GB) | 2.43.0.0.23171 | 2.43.0.12.25554 | 2.43.0.12.25536 | GUI.zip Web Service and DB Updates |

7. Installing

- 1) Copy and replace the current rRIS...zip file with the rRIS_1.3.43.0.12.25554.zip file provided with this release.
Be sure to make a backup of the ris.exe.config file contained within the current .zip folder.



If you receive the Version Mismatch error above the GUI.zip will need to be renamed to add 1.3. to it. The GUI.zip file name change is from rRIS_43.0.12.25554 → rRIS_1.3.43.0.12.25554

NOTE: the GUI.zip included with this release has already been renamed to include 1.3.

This is required for installs that have not reached build 42. Because the software installed on your local workstation is a pre-42 build it detects a version mismatch in the software naming and won't allow the newest build to be launched (it is looking for 1.3. in the name). Once the workstation(s) have reached a build of 42 we will no longer need to add "1.3." to the GUI.zip name. Also note that a core install will not resolve this issue below.

NOTE: If your upgrade is coming from 40.016.1 or prior a core install will be required. Versions (builds) of 40.017 and greater do not require a core install as long as you are at least at 40.017 (Core Version 1.3.40.18756)

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- 2) Stop each service listed below. Copy the files from the RIS Service Updates folder to the directory for each rRISService. Be sure to make backup of all files, but especially the rRISServices.exe.config and rRISServices.vshost.exe.config files.

rRISService directories include:

- a) *rRISService*
- b) *CDS rRISService*
- c) *Wedge rRISService*
- d) *DDE rRISService*

Restart each service.

- 3) Run the B43.0.12.sql file against the eRAD RIS database instance.