Cúram 8.0.1.4

CONTENTS

Introduction

Welcome to the Cúram 8.0.1.4 release. This is a Fix Pack release on the Long Term Support (LTS) line.

This is a cumulative release that incorporates all improvements, resolved issues, and third-party updates in the previous 8.0.1.3 Fix Pack release. For full details, see the release notes for the previous Fix Pack release online at Release Notes.

For product documentation, see Merative Support Docs.

A CSV file is also available from the Merative Support Docs site, which summarizes these release notes.

System Requirements

For information about the supported software for this release, see the Prerequisites and supported software.

Download

This release is available to download from Merative Support. You must log in to download software, request access if needed. Select Cúram Support and Software Download, enter your credentials and download the software.

Security Bulletins

Security Bulletins are now available from Merative Support. You must log in to access Security Bulletins, request access if needed. Select Cúram Support and Software Download, enter your credentials, and open Knowledge Articles to see the Security Bulletins.

Installation

This 8.0.1.4 release can be installed on top of the following Cúram releases:

- 8.0.1.3
- 8.0.1.2
- 8.0.1.1
- 8.0.1.0

For full installation instructions, see the Development Environment Installation Guide at Product Documentation and PDFs.

The basic installation steps are as follows:

- Review the release notes and documentation for any prerequisite steps.
- Download and extract the contents of the .zip file to a local drive location.
- Ensure that all files in your Social Program Management installation are writable.
- Run the Social Program Management installer, which you can find in the INSTALLER folder.
- Run the appropriate build targets for your installation.

Upgrading

If you are upgrading from a previous version, the Cúram Upgrade Helper contains documentation and tools to help you to upgrade your Cúram application codebase and database. The Cúram Upgrade Guide describes the recommended process for application and database upgrades. The Upgrade Helper contains tools to assist you with implementing the upgrade, including tools to produce a schedule of required migrations for your upgrade, tools to provide information about database schema changes, and tools to generate initial SQL scripts for applying changes to your database. Download the appropriate version of the Cúram Upgrade Helper from Merative Support. You must log in to download software, request access if needed. Select Cúram Support and Software Download, enter your credentials and download the software.

Improvements, Resolved Issues and Third Party Updates

Curam Enterprise Framework

Application Development Environment

WorkItem:SPM-146113 - CKEditor - Upgrade the CKeditor to 4.25.1-lts

The CKEditor component (located at webclient\components\CEFWidgets\WebContent\cefwidgets\ckeditor), which underpins the Rich Text Editor in Cúram, has been upgraded from version 4.5.10 to 4.25.1-lts and fully integrated into the application.
CKEditor v4.25.1-lts includes multiple defect fixes, minor enhancements and latest security patches.

Pasting from Word documents keeps the formatting in most cases, as long as the format type is supported within the Rich Text editor.
Note:
The following Rich Text Editor usability changes are present after this upgrade

- The paste button is now disabled; selecting it will display an informational dialog indicating to the user how to paste content into the rich text editor.
- Users must use keyboard shortcuts (e.g., Ctrl+V or Cmd+V) to paste content into the rich text editor.

Application Development Environment

Security Management

Security Management

DT037158, WorkItem:SPM-142139 - Users with a lower sensitivity level than the person associated with a case can view details on that case via application case search.

Issue Description:
Users with a lower sensitivity level can view case details linked to a client with a higher sensitivity level. This may include limited client-related information necessary for case processing.

User Interface Impact: No
Prerequisite(s):

1. Log in as an administrator.
2. Select Sections under User Interface in the shortcuts panel.
3. Navigate to the shortcuts panel tab of the DefaultAppSection.
4. Select New Link for the Searches Group.
5. Enter 'ApplicationSearch' in Link ID.
6. Enter 'CommonIntake_applicationCaseSearch' in Page ID.
7. Enter 'Application Search…' in Title. Save the details.
8. Navigate back to the User Interface menu in the shortcuts panel and select Publish.

Steps to Reproduce:

1. Log in as an administrator.
2. Search for the Admin user.
3. Change the administrator's Sensitivity Level to 5.
4. Search for the 'superuser' and change their Sensitivity Level to 5.
5. Log in as a 'superuser'.
6. Register a person.
7. Navigate to the actions menu on the Person tab and select Edit.
8. Update the Sensitivity Level to 5.
9. From the actions menu, select New Application Form.
10. Complete and submit the application form to generate an application case.
11. Note the Application Reference Number under Care and Protection - Applications.
12. Log in as caseworker (sensitivity level 1).
13. Select Application Search from the Searches menu of the shortcut panel.
14. Enter the Reference Number and click Search.
15. Issue: Search results are displaying case information linked to individuals with higher sensitivity levels, to users whose sensitivity levels is lower.

Resolution:
This issue has been resolved. If the user attempts to expand and view additional information of a restricted case, the following validation message is displayed: 'You do not have access to this client's details.'

DT037253, WorkItem:SPM-142140 - A case with sensitivity level 5 can be seen by an audit coordinator with sensitivity level 1

Issue Description:
An audit coordinator can view and select cases for auditing linked to a person with a higher sensitivity level.

User Interface Impact: No

Steps to Reproduce:

1. Log in as an administrator.
2. In the shortcuts panel, navigate to Case Audit Configurations under the Case Audits section and select New Case Audit Configuration.
3. Configure an audit with the following values:
    1. Case Audit type: Select Product Delivery in the drop-down, search and select any product, and click Next.
    2. Algorithm: Systematic Sampling
    3. Allow Audit Coordinator to Specify Cases for Audit: Yes
    4. Dynamic Query: Benefit Product Delivery Case Query
    5. Focus Area: Select All
    6. Select Save
4. Navigate to Users and select User Search.
5. Search for the administrator user. Update the administrator's sensitivity level to 5.
6. Search for the caseworker user. Update their sensitivity level to 5.
7. Log in as this updated caseworker.
8. Register a person.
9. Set the person's sensitivity level to 5.
10. Create an integrated case for the person.
11. Create an associated product delivery. Note down the Case Reference Number.
12. Add the necessary evidence to make the person eligible.
13. Apply the evidence changes.

14. Submit the product delivery for approval.
15. Activate the product delivery.
16. Log in as an audit coordinator.
17. Select New Audit Plan under the Audits section in the shortcuts panel.
18. Configure an Audit Plan with the following values:
    1. Purpose: Compliance Review
    2. Audit Item: Product selected at Step 3 above.
    3. User Involvement: Provide Feedback
19. From the Audit Plan home page, open the page actions overflow menu and click the Select Specific Cases to Audit action.
20. Search for the product delivery case created above (Step 11).
21. Issue: The audit coordinator can view and select to audit the product delivery case linked to a person with a higher sensitivity level.

Resolution:
When an audit coordinator with a lower sensitivity level searches for a case linked to a client with a higher sensitivity level, the details are masked. Additionally, if an audit coordinator tries to add a restricted case, the following validation message displays: 'You do not have access to this client's details.'

Solutions

[Income Support HCR](#)

Income Support HCR

[Organization](#)

Organization

[Administration](#)

Administration

WorkItem:SPM-139901 - Expired demo data in the HCR solution

Issue Description:
Previously, the demo data shipped with the HCR solution contained entries that expired on January 1, 2025. The demo data in question related to the Organization Structure, e.g. PositionHolderLink DMX entries.
This meant that some of the demo users were now rendered invalid. The end date for the following DMX files was updated to address this issue.

- EJBServer/components/ISProduct/data/demo/POSITIONHOLDERLINK.dmx
- EJBServer/components/ISScreening/data/demo/POSITIONHOLDERLINK.dmx

User Interface Impact: No

Third Party Updates

WorkItem:SPM-145922 - Update the commons-io JAR file to the latest version

The Apache Commons IO library contains utility classes, stream implementations, file filters, file comparators, endian transformation classes, and much more. Its usage in the Cúram application is related to the client generators, the XML Server, and also Axis 2 web services.
The version of the commons-io library used by Cúram has now been updated from 2.8.0 to 2.18.0. The new version contains some defect fixes and minor enhancements.
As a result of this upgrade, the following changes have been made to the Cúram deliverable.

- CuramSDEJ/lib/third_party_version.properties - the version of the commons-io JAR file has been updated.
- CuramSDEJ/xmlserver/third_party_version.properties - the version of the commons-io JAR file has been updated.

The changes to the commons-io JAR file include:

- CuramCDEJ/lib/ext/jar/commons-io-2.18.0.jar - version updated from 2.8.0 to 2.18.0.
- CuramSDEJ/xmlserver/commons-io-2.18.0.jar - version updated from 2.8.0 to 2.18.0.
- CuramSDEJ/lib/commons-io-2.18.0.jar - version updated from 2.8.0 to 2.18.0.
- CuramSDEJ/lib/axis2/commons-io-2.18.0.jar - version updated from 2.8.0 to 2.18.0.

We recommend that you update any references in custom scripts and other artifacts to point to the new version of the JAR files that are specified above.

WorkItem:SPM-145923 - Update opensaml library to the latest version

The OpenSAML-J library provides tools to support developers working with the Security Assertion Markup Language (SAML). The library is used in Cúram as part of the Rampart functionality which provides the ability to develop secure Axis 2 Web Services.
The version of the opensaml JAR has now been updated from 2.6.1-2 to 2.6.6. The new version of the JAR contains a number of defect fixes. As a result of this upgrade, the following changes have been made in the JDE deliverable.

- CuramSDEJ/lib/third_party_version.properties - the version of the JAR file has been updated.
- CuramSDEJ/lib/axis2/opensaml-2.6.6.jar - version of the JAR updated.

We recommend that you update any references in custom scripts and other artifacts to point to the new version of the JAR file that is specified above.

WorkItem:SPM-145930 - Update the version of the xmlunit-core JAR file to the latest version

XMLUnit Core provides helper classes to validate generated XML against an XML Schema, assert the values of XPath queries or compare XML documents against expected outcomes. It provides a diff-engine which provides full control over what kind of difference is required and which part of the generated document to compare against reference documents. It is used to ensure that Dynamic Domain Definitions are loaded correctly in the product.
The version of the xmlunit-core library has now been updated from 2.6.0 to 2.10.4. The new version contains some defect fixes and minor enhancements. As a result of this upgrade, the following changes have been made to the Cúram deliverable.

- CuramSDEJ/lib/xmlunit-core-2.10.4.jar - the version of the JAR file has been updated.
- TI/lib/release/third_party_version.properties - the version of the specified xmlunit-core JAR file has been updated.

We recommend that you update any references in custom scripts and other artifacts to point to the new version of the JAR file that is specified above.

WorkItem:SPM-145931 - Replace the iText library with the OpenPDF library in Cúram

iText is a Java library for creating and manipulating PDF documents. It enables developers to generate complex PDF files programmatically, including adding text, images, and tables, as well as modifying existing PDFs. Its usage in Merative Cùram is primarily focused on generating printable documentation for outcome plans.
The iText library used by Cùram has now been removed and replaced by OpenPDF version 1.3.43. OpenPDF is an open-source library for creating and manipulating PDF

documents in Java, derived from the iText library version 4.2.0. It offers features for generating complex PDF files programmatically, including adding text, images and tables, as well as modifying existing PDFs.
As a result of this upgrade, several changes were made across all components of the Social Program Management application.
The changes to the JAR files include:

- EJBServer\components\WorkspaceServices\lib\iText-2.1.7.jar - iText version removed.
- CuramSDEJ\lib\openpdf-1.3.43.jar - openPDF version 1.3.43 added.

Note that any references in custom build scripts to the versioned JAR file should be updated to point to the new JAR file as specified above.
The impact on custom code should be minimal, but it could result in these main differences, particularly if the removed packages were previously utilized:

1. OpenPDF introduced type safety with generics. For example, in the original code, final List<Chunk> chunks = pdfFieldCellParagraph.getChunks(); might need to be replaced with final List<Element> chunks = pdfFieldCellParagraph.getChunks();.
2. The rtf.com.lowagie.text.rtf package, which is not included in OpenPDF, has been replaced by a related project called OpenRTF, available at OpenRTF on Maven Repository.
3. The rups.com.lowagie.rups package, featuring the RUPS tool for PDF inspection and manipulation, was part of the original iText library but has been excluded from OpenPDF. An alternative fork of RUPS can be found at PDF Swing on Maven Repository.

Artefacts were deprecated as a result of this change. For more information, please see this ticket in the "Notes on Deprecation" section.

WorkItem:SPM-145933 - Update Guava to latest version

Google Guava is an open source set of core libraries for the Java platform released by Google under the Apache License. The version of Google Guava used in the Cúram product has been updated from 27.0.1-jre to 33.2.0-jre.
As a result of this upgrade, the following changes have been made in the Server Java Development Environment deliverable.

- guava.jar (updated from 27.0.1-jre to 33.2.0-jre).
- failureaccess.jar (updated from 1.0.1 to 1.0.2) - this is a dependency of guava.

We recommend that you update any references in custom scripts and other artifacts to point to the new version of the JAR files that are specified above.

WorkItem:SPM-145934 - Update commons-configuration JAR file to the latest version

The Apache Commons Configuration package contains tools to assist in the reading of configuration/preferences files in various formats. The library is used in Cúram in a variety of places for XML configuration processing. It is mainly used in the client project for processing the various configuration files for Client Widgets.
The version of the commons configuration library has now been updated from 2.9.0 to 2.12.0. The new version contains some defect fixes and minor enhancements. As a result of this upgrade, the following changes have been made to the Cúram deliverable.

- CuramCDEJ/lib/ext/jar/commons-configuration-2.12.0.jar - the version of the JAR file has been updated.
- TI/lib/release/third_party_version.properties - the version of the specified commons-configuration JAR has been updated.

We recommend that you update any references in custom scripts and other artifacts to point to the new version of the JAR file that is specified above.

WorkItem:SPM-146775 - Updates to supported browser versions

The following browser versions are now updated and certified for this release.
Caseworker Application Browser Support

- Google Chrome is updated to 141
- Microsoft Edge is updated to 141

Universal Access Application Browser Support

- Google Chrome is updated to 141
- Microsoft Edge is updated to 141
- Mozilla Firefox is updated to 143
- Apple Safari is updated to 26

WorkItem:SPM-146789 - Update commons-text library to the latest version

The commons-text JAR that is a dependency for commons-configuration used by SPM has now been added to the JDE deliverable.
As a result of this upgrade, the following changes have been made in the SPM JDE deliverable.

- CuramSDEJ\lib\third_party_version.properties - the version of the commons-text JAR file has been added.
- CuramCDEJ\lib\ext\jar\commons-text-1.10.0.jar - version of the JAR delivered.

Note that any references in custom scripts and other artifacts must be updated to point to the new version of the JAR file as specified above.

WorkItem:SPM-146790 - Update commons-beanutils JAR file to the latest version

Apache Commons BeanUtils provides easy-to-use wrappers around the Java Reflection and Introspection APIs. The Java Development Environment (JDE) utilizes this.
The versions of this JAR have now been updated from 1.9.4 to 1.11.0. As a result of this upgrade, the following changes have been made to the JDE deliverable.

- CuramSDEJ/lib/third_party_version.properties - the versions of the specified commons-beanutils JAR have been updated.
- CuramSDEJ/lib/commons-beanutils-1.11.0.jar - new JAR added.
- CuramSDEJ/lib/commons-beanutils-1.9.4.jar - old JAR removed.
- CuramCDEJ/lib/ext/jar/commons-beanutils-1.11.0.jar- new JAR added.
- CuramCDEJ/lib/ext/jar/commons-beanutils-1.9.4.jar - old JAR removed.
- EJBServer/components/Rest/script/rest_properties.xml - the version of the specified JAR file has been updated.

We recommend that you update any references in custom scripts and other artifacts to point to the new version of the JAR file that is specified above.

WorkItem:SPM-146792 - Update commons-lang JAR file to the latest version

The Apache Commons Lang JAR has been updated. This JAR provides a host of helper utilities for the java.lang API, notably String manipulation methods, basic numerical methods, object reflection, concurrency, creation and serialization and System properties. Additionally, it contains basic enhancements to java.util.Date and a series of utilities dedicated to help with building methods, such as hashCode, toString and equals.

- Apache Commons Lang JAR has been updated from 2.6 to 3.14.0.

As a result of this upgrade, the following changes have been made in the JDE and REST deliverable.

- CuramSDEJ/lib/third_party_version.properties - versions of the specified Apache Commons JARs updated.
- CuramSDEJ/lib/commons-lang-2.6.jar - old JAR removed.
- CuramSDEJ/lib/commons-lang-3.14.0.jar - new JAR Added.
- CuramCDEJ/lib/ext/jar/commons-lang-2.6.jar - old JAR removed.
- CuramCDEJ/lib/ext/jar/commons-lang-3.14.0.jar - new JAR Added.

Please refer to the Curam Upgrade Helper guide 9.35 for potential impacts and ignore the jar version as this release has been upgraded another level since it's publication.

We recommend that you update any references in custom scripts and other artifacts to point to the new version of the JAR file that is specified above.

WorkItem:SPM-146793 - Update json-schema-validator JAR file to the latest version

The json-schema-validator library provides functionality to validate a JSON or YAML file against a JSON Schema file. (YAML files also use JSON schemas). At present, it is used in the Cúram product to validate a YAML configuration file used by GraphQL, and is included in the Cúram REST infrastructure deliverable.
The version of the json-schema-validator library has now been updated from 0.1.5 to 1.0.88. The new version contains some defect fixes and minor enhancements. As a result of this upgrade, the following changes have been made to the Cúram deliverable.

- CuramSDEJ/lib/third_party_version.properties - the version of the json-schema-validator JAR file has been updated.
- EJBServer/components/Rest/graphql_lib/json-schema-validator-0.1.5.jar - old JAR removed.
- EJBServer/components/Rest/graphql_lib/json-schema-validator-1.0.88.jar - new JAR added.

We recommend that you update any references in custom scripts and other artifacts to point to the new version of the JAR file that is specified above.

WorkItem:SPM-147016 - Cúram Software Prerequisites Updates for the 8.0.1.4 release

The following changes have been made to the software prerequisites for the Cúram 8.0.1.4 release.
Platform:

- Windows 11 support has been added for designing, developing, testing, and building the application on a server.
- Support for RHEL 8.6, 8.7, 8.8, 8.9 and 8.10 has been added for building the application on a server.

Installation:

- Adoptium OpenJDK 8 and future fix packs support has been added to the supported JDKs for running the Cúram installers.

Accessibility:

- The version of JAWS supported as the certified screen reader has been increased from 2020 to 2025.
- Google Chrome 141 and Apple VoiceOver on iPad with iOS 18.5 is now the certified combination for tablets.

Databases:

- Support has been added for Db2 Enterprise Server Edition 11.5.9.0 and future fix packs, IBM Db2 Advanced Enterprise Server Edition 11.5.9.0 and future fix packs and IBM Db2 Standard Edition VPC Option 11.5.9.0 and future fix packs.

Development Tools:

- Support has been added for Rational Software Architect Designer 9.7.1.2.

Web Browser Plug Ins:

- Support for Microsoft Word 2013 and future fix packs has been dropped as this version of Microsoft Word is now out of support.

Web Browsers:

- The versions of the Web Browsers supported has been increased and these are detailed on a separate release note.

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Notes on Deprecation

This section describes artifacts that are deprecated in this release and the functionality that supersedes them.

Enhancements or defect fixes might require the contract of a development artifact to be changed. In this context, the contract of an artifact is its API or signature, for example, name, parameters, return values, and its documented statement of functionality, for example, Javadoc.

In these cases, deprecation is used to reduce the impact of the change on custom applications. The original artifact is preserved and marked as 'deprecated' to indicate that it has been superseded by other functionality (often a new artifact). Infrastructure is provided to assist you in identifying custom dependencies on these deprecated artifacts. Deprecation can affect customizations in a number of different ways and has some implications for customer support. For more information about deprecation, see the 'Deprecation' chapter in the Cúram Server Developer's Guide. This chapter describes what deprecation is, how it can affect custom code, what it means for support and the build infrastructure that helps pinpoint custom artifact dependencies on deprecated artifacts.

You can find out whether your code is affected by any of the following deprecations (and precisely where) by running the deprecationreport build target. If that build produces deprecation warnings, then you are affected by one or more of the deprecated artifacts that are itemized. For more information about using the build target and analyzing its output, see the 'Deprecation' chapter in the Cúram Server Developer's Guide.

Third Party Updates

WorkItem:SPM-145931 - Replace the iText library with the OpenPDF library in Cúram

How to Upgrade:

Itemised List of Changes:

This list of artifacts marked as 'deprecated' as part of the deprecation of this feature are:
1) EJBServer/components/AssessmentPlanning/source/curam/outcomeplanning/outcomeplan/internal/impl/DynamicPDFDocumentHeaderFooter.java
2) EJBServer/components/AssessmentPlanning/source/curam/outcomeplanning/outcomeplan/internal/impl/PDFDocumentImpl.java

- ItextDocumentHeaderFooter getHeaderEvent() replaced by DynamicPDFDocumentHeaderFooter getDynamicPDFHeaderEvent

For more context on the change that caused this deprecation, please see this release note in the "Improvements and Resolved Issues" section.

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Known Issues

WorkItem:SPM-148112 - Application Error displayed when user selects 'New Application Form' on Weblogic Server

Description
On a Weblogic application Server the IEG wizard to select a 'New Application Form' returns an error

Please also refer to the Known Issues documented in the release notes for the prior 8.0.1 Fixpack LTS releases (8.0.1.1, 8.0.1.2 and 8.0.1.3).

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Notices

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