

Merative Cúram Enhancements

Cúram 8.1.3 Enablement Material



MERATIVE CÚRAM

Accessibility Improvements

Accessibility Improvements

8.1.3.0 contains

48 Accessibility improvements

throughout the Cúram
Application

These changes will benefit many different types of users of the system.

The following sections detail before and after screens and descriptions (where applicable)

In addition, there are also some technical details regarding the change and if any specific upgrade steps are required, this is also noted.

Note: If a client has customized any of the pages mentioned, these changes made by Merative will need to be taken into consideration in that client's code.

Refer to the External Release Notes for additional details for any of the items listed below

List of Accessibility Improvements

1. Fields that do not have a label cannot display the mandatory asterisk indicator
2. Long code table descriptions are truncated, and the full details are not readable
3. The bottom of the Dialogs titles in Rich Text Editor are truncated
4. The tooltips displaying phone and fax number field labels are not accessible for keyboard or mobile users
5. Buttons rendered as Links but styled as buttons cannot be activated by the Space key
6. Calendar fails the minimum color contrast requirement
7. Text Truncated and overlapped when Context Panel preview shown in a modal
8. Content overlaps and is truncated on the Person Context panel when viewed zoomed to 200%
9. List tables without actions menus are breaking words and not scrolling horizontally when zoomed
10. Button labels used to launch certain dialogs do not match the dialog headings
11. Focus not visible when Calendar icon in IEG receives the focus
12. The focus marker is not displayed for the options of a single-select IEG List question which is displayed as a dropdown
13. Focus is not shown when the user navigates to the navigation menu in the content area navigation bar
14. Focus is not shown clearly when the user navigates to email on the person context panel
15. Visualization of Reserved Tasks
16. No labels defined for Photo & List view tabs in context panel
17. Improvements for screen reader users (18 items)
18. Updated Icons (7 Items)

C Ú R A M - A C C E S S I B I L I T Y

Fields that do not have a label cannot display the mandatory asterisk indicator

Fields that do not have a label cannot display the mandatory asterisk indicator

Before 8.1.3

There are several fields in the application that should be marked as mandatory, but they do not have a label. Without a label, the mandatory asterisk indicator cannot be displayed

The screenshot shows a 'New Service' form with three steps: Service, Details, and Schedule. The 'Details' step is active. The form contains several fields: 'Client' (a dropdown menu with 'James Jones (34 years)' selected), 'Units (Session)' (a text input with '0'), 'Nominee' (a dropdown menu with 'Employer' selected), and 'Sensitivity' (a dropdown menu with '1'). At the bottom, there is a 'Reason' field, which is a text area with a rich text editor toolbar above it. The 'Reason' field is highlighted with an orange border, indicating it is the focus of the discussion. The toolbar includes icons for bold, italic, underline, text color, background color, and other text formatting options.

Fields that do not have a label cannot display the mandatory asterisk indicator

In 8.1.3

The affected pages have been updated to include labels, allowing the mandatory asterisk to be displayed.

Technical Considerations

The following 8 pages have been updated:

1. webclient/components/ChildServices/Intake/CCSIntake_modifyNarrative.uim
2. webclient/components/AssessmentPlanning/Delivery/OutcomePlan/Factors/OutcomePlanFactor_addNote.uim
3. webclient/components/AssessmentPlanningCPM/overridden/CPM/Referral/ProviderManagement_editReferralNotificationsNotSent.uim
4. webclient/components/AssessmentPlanningCPM/overridden/CPM/ServiceDelivery/ProviderManagement_editService1.uim
5. webclient/components/CPM/Referral/AddReferralWizard/ProviderManagement_referralWizardCommonDetails.vim
6. webclient/components/CPM/Referral/ProviderManagement_editReferralNotificationsNotSent.uim
7. webclient/components/CPM/ServiceDelivery/CreateServiceDeliveryWizard/CreateServiceDeliveryWizard_details1.uim
8. webclient/components/CPM/ServiceDelivery/ProviderManagement_editService1.uim

The screenshot shows a web form titled "New Service" with three steps: 1 Service, 2 Details (current), and 3 Schedule. The "Step 2: Details" section contains several fields: "Client" (a dropdown menu showing "James Jones (34 years)"), "Units (Session)" (a text input field with "0"), "Nominee" (a dropdown menu showing "Employer"), and "Sensitivity" (a dropdown menu showing "1"). Below these is a "Reason" field, which is highlighted with a red box and has a red asterisk next to it, indicating it is a mandatory field. At the bottom of the form, there is a "Remove Link" button. The form also includes a standard toolbar with icons for undo, redo, bold, italic, underline, and text color.

C Ú R A M - A C C E S S I B I L I T Y

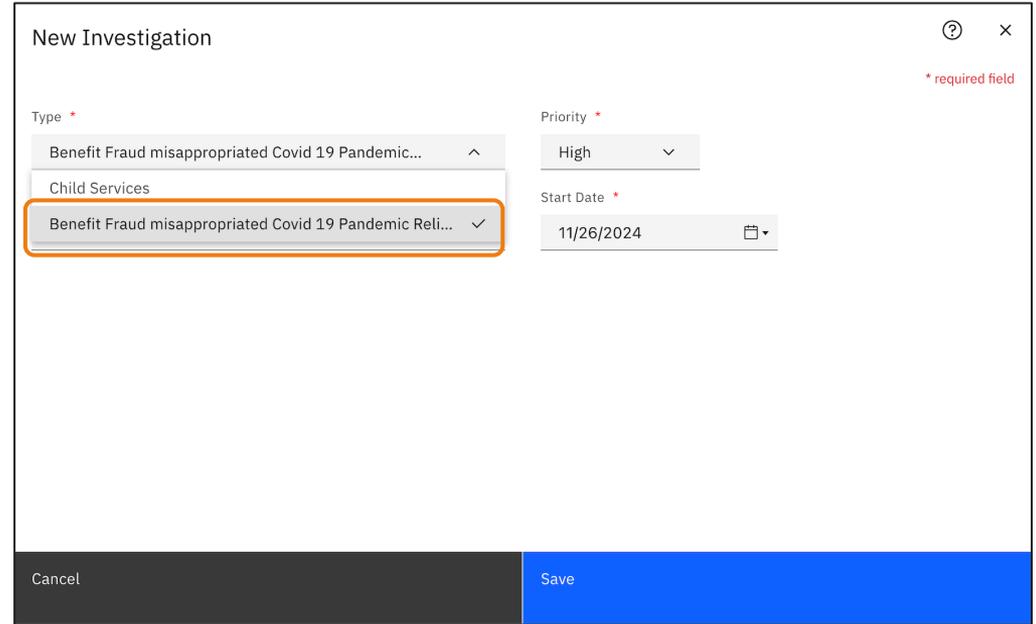
Long code table
descriptions are
truncated, and the full
details are not readable

Long code table descriptions are truncated, and the full details are not readable

Before 8.1.3

Code table descriptions are truncated when they are too long to fit in the combo box dropdown menu widget.

This makes the code table dropdown items unreadable.



The screenshot shows a 'New Investigation' form with the following fields:

- Type ***: A dropdown menu with three items: 'Benefit Fraud misappropriated Covid 19 Pandemic...', 'Child Services', and 'Benefit Fraud misappropriated Covid 19 Pandemic Reli...'. The third item is highlighted with an orange border.
- Priority ***: A dropdown menu with the value 'High'.
- Start Date ***: A date field with the value '11/26/2024' and a calendar icon.

At the bottom of the form, there are two buttons: 'Cancel' (dark grey) and 'Save' (blue). A red asterisk and the text '* required field' are visible in the top right corner.

Long code table descriptions are truncated, and the full details are not readable

In 8.1.3

The code table dropdown menu items now display the entire code table descriptions for long text values. For long descriptions, the description text is wrapped rather than truncated.

Technical & Upgrade Considerations

- Updates were made to enable wrapping in Technical infrastructure related Code table hierarchy and Combo box dropdown components.
- If a client takes on 8.1.3.0, they will see the changes on all combo box and code table hierarchy dropdowns.
- If the client has customized the handling of code table hierarchy dropdowns, then the wrapping updates need to be taken into consideration in the customer code

The screenshot shows a 'New Investigation' form with the following fields:

- Type ***: A dropdown menu with two options: 'Benefit Fraud misappropriated Covid 19 Pandemic Ri' (highlighted with a blue border) and 'Child Services'. A third option, 'Benefit Fraud misappropriated Covid 19 Pandemic Relief Funds in another jurisdiction', is shown below the dropdown and is highlighted with an orange border.
- Priority ***: A dropdown menu with the value 'High'.
- Start Date ***: A date field with the value '11/26/2024' and a calendar icon.

At the bottom of the form, there are two buttons: 'Cancel' (grey) and 'Save' (blue). A red asterisk and the text '* required field' are visible in the top right corner.

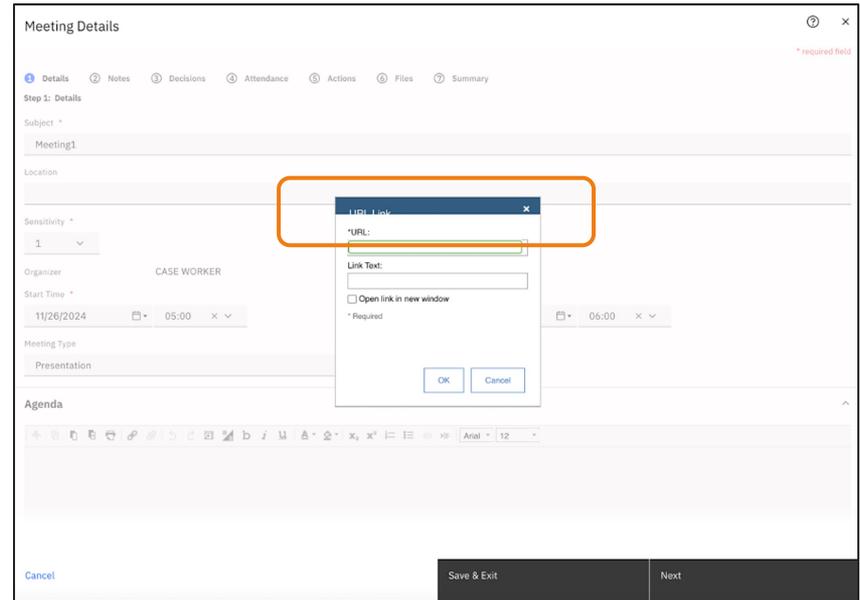
C Ú R A M - A C C E S S I B I L I T Y

The bottom of the
Dialogs titles in Rich
Text Editor are truncated

The bottom of the Dialogs titles in Rich Text Editor are truncated

Before 8.1.3

The bottom half of dialog titles in the Rich Text Editor are being truncated.



The bottom of the Dialogs titles in Rich Text Editor are truncated

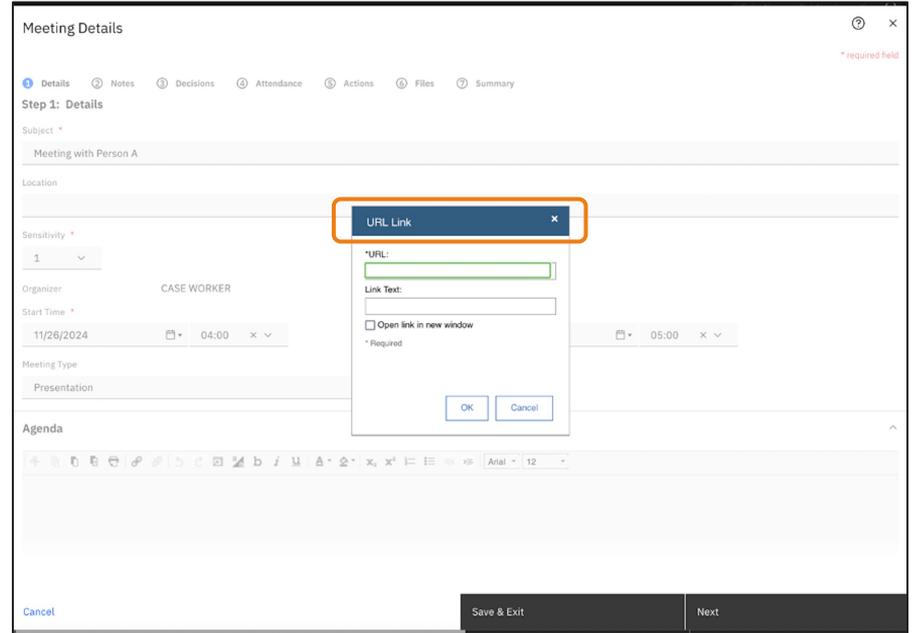
In 8.1.3

The truncated issue has been fixed. All dialog titles in the Rich Text Editor now display correctly.

Technical Considerations

Updates were made to the following files in **CEFWidgets repository**:

1. components/CEFWidgets/WebContent/cefwidgets/ckeditor_settings/skins/curamv4/dialog.css
2. components/CEFWidgets/WebContent/cefwidgets/ckeditor_settings/skins/curamv4/dialog_gecko.css
3. components/CEFWidgets/WebContent/cefwidgets/ckeditor_settings/skins/curamv4/dialog_ie.css
4. components/CEFWidgets/WebContent/cefwidgets/ckeditor_settings/skins/curamv4/dialog_ie7.css
5. components/CEFWidgets/WebContent/cefwidgets/ckeditor_settings/skins/curamv4/dialog_ie8.css
6. components/CEFWidgets/WebContent/cefwidgets/ckeditor_settings/skins/curamv4/dialog_ie9.css
7. components/CEFWidgets/WebContent/cefwidgets/ckeditor_settings/skins/curamv4/dialog_iequirks.css
8. components/CEFWidgets/WebContent/cefwidgets/ckeditor_settings/skins/curamv4/dialog_opera.css



C Ú R A M - A C C E S S I B I L I T Y

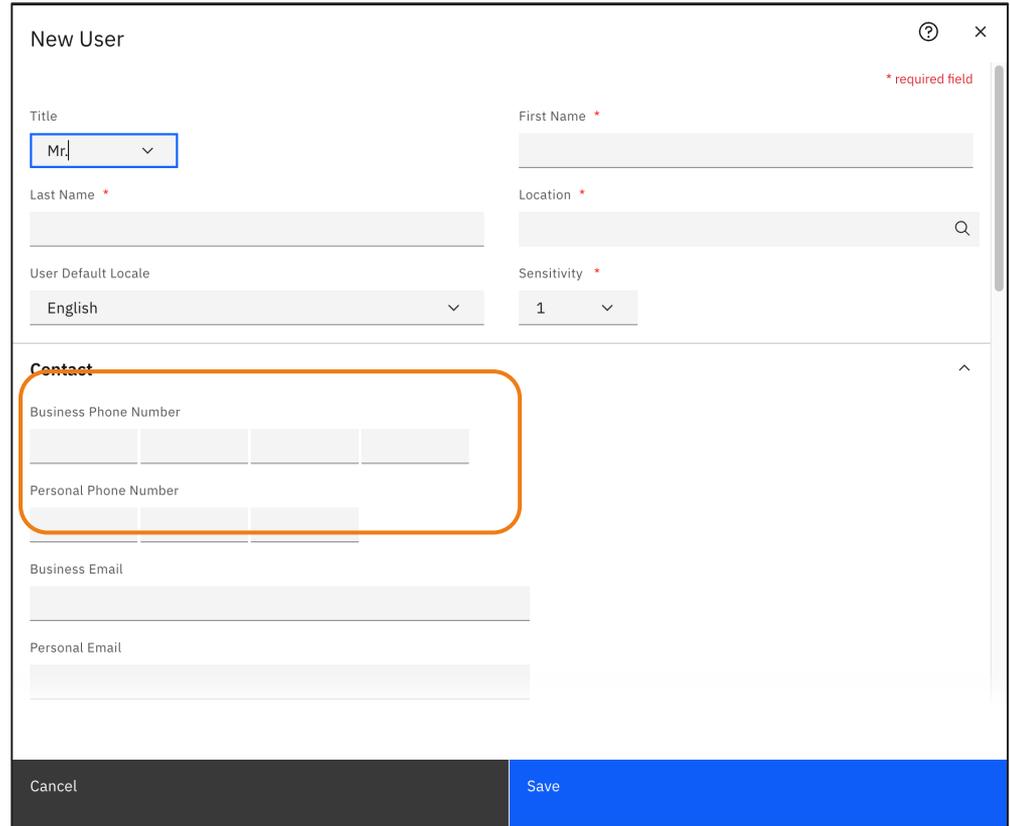
The tooltips displaying phone and fax number field labels are not accessible for keyboard or mobile users

The tooltips displaying phone and fax number field labels are not accessible for keyboard or mobile users

Before 8.1.3

Phone and fax number input fields contain no visible labels for the individual fields that represent the different components that make up the phone or fax number, for example, a phone number's country code or the area code.

Currently, the field labels are only visible via tooltips.



The screenshot shows a 'New User' form with the following fields and sections:

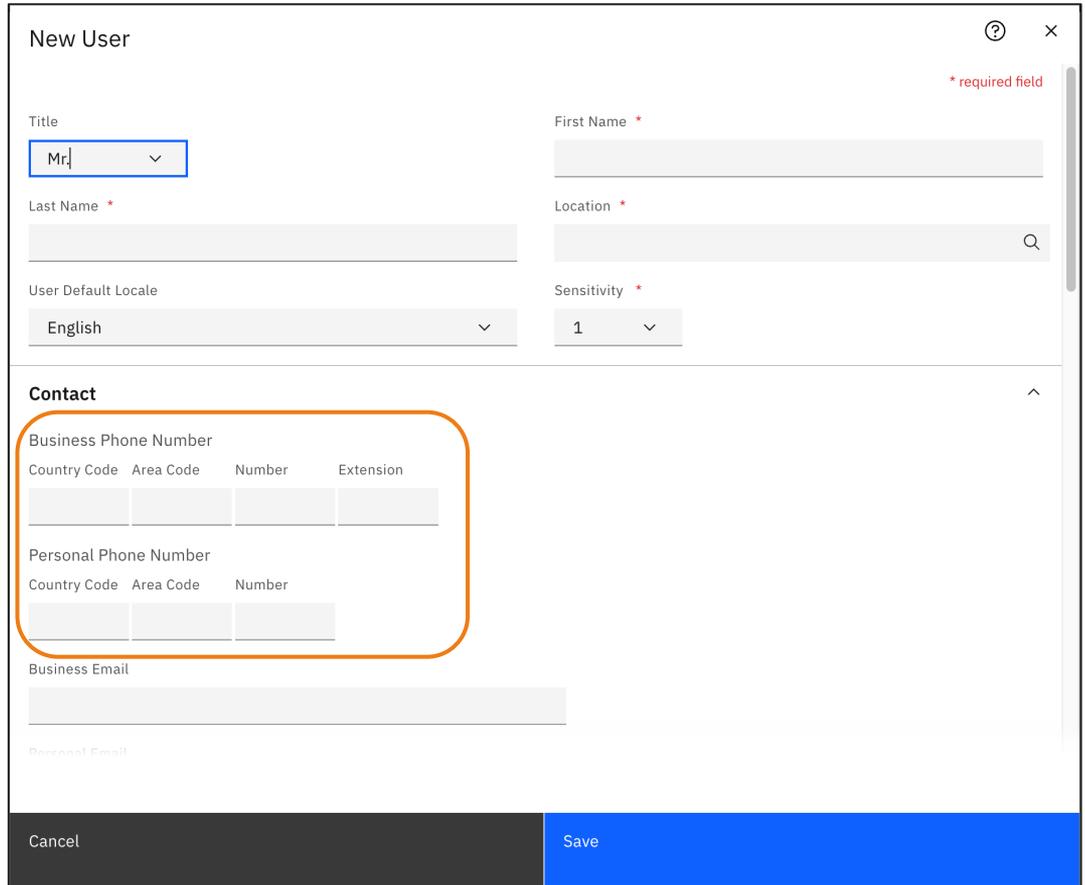
- Title:** A dropdown menu with 'Mr.' selected, highlighted with a blue box.
- First Name:** A text input field with a red asterisk and the text '* required field' to its right.
- Last Name:** A text input field with a red asterisk.
- Location:** A text input field with a red asterisk and a search icon.
- User Default Locale:** A dropdown menu with 'English' selected.
- Sensitivity:** A dropdown menu with '1' selected.
- Contact:** A section header with an upward arrow, highlighted with an orange rounded rectangle. It contains:
 - Business Phone Number:** A multi-part input field.
 - Personal Phone Number:** A multi-part input field.
- Business Email:** A text input field.
- Personal Email:** A text input field.

At the bottom of the form, there are two buttons: 'Cancel' (on a dark grey background) and 'Save' (on a blue background).

The tooltips displaying phone and fax number field labels are not accessible for keyboard or mobile users

In 8.1.3

The labels for the individual input fields that make up a phone or fax number are now visibly displayed on the page.



The screenshot shows a 'New User' form with the following fields and sections:

- Title:** A dropdown menu with 'Mr.' selected.
- First Name:** A required text input field.
- Last Name:** A required text input field.
- Location:** A text input field with a search icon.
- User Default Locale:** A dropdown menu with 'English' selected.
- Sensitivity:** A dropdown menu with '1' selected.
- Contact Section:** A section containing:
 - Business Phone Number:** A form with four input fields labeled 'Country Code', 'Area Code', 'Number', and 'Extension'.
 - Personal Phone Number:** A form with three input fields labeled 'Country Code', 'Area Code', and 'Number'.
 - Business Email:** A text input field.
 - Personal Email:** A text input field.

The 'Contact' section is highlighted with an orange rounded rectangle. The form has a 'Cancel' button on the left and a 'Save' button on the right. A red asterisk indicates required fields.

Technical & Upgrade Considerations

Technical Considerations

A new UIM attribute called SHOW LABELS has been added for CONTAINER elements to support this for phone or fax number input fields.

The SHOW LABELS attribute default value is 'false', so SHOW LABELS="true" must be set on the phone or fax number CONTAINER element to display the input field labels, if LABEL attributes have been configured for the CONTAINER's child FIELD elements.

For more information on this new attribute, please see the CONTAINER element documentation in the UIM pages and views reference section in the *Cúram Webclient Reference Manual*.

Upgrade Considerations

- If your custom UIM pages contain CONTAINER elements which represent a Phone or Fax number input field and you would like fields within those containers to display individual labels which the OOTB UIM pages now display, then you are affected by this change.
- The changes in HTML may impact JavaScript or CSS customisations and you may need to update them based on the new input CONTAINER HTML structure.
- The new HTML structure will apply for any CONTAINER element which has at least one child input FIELD element.
- It does not apply to CONTAINER elements which have read-only FIELDS only.

For more information, please see the *Cúram Upgrade Guide*

CÚRAM - ACCESSIBILITY

Buttons rendered as
Links but styled as
buttons cannot be
activated by the Space
key

Buttons rendered as Links but styled as buttons cannot be activated by the Space key - Cluster Level Actions

Before 8.1.3

The Search and Reset controls are links styled like buttons. Screen readers handle links differently than buttons.

While both links and buttons can be tabbed, pressing the Space or Enter key triggers a button, whereas pressing the Enter key only triggers a link.

This behavior may confuse users of assistive technology, as the expected behavior differs from the actual behavior.

In 8.1.3

Both the Enter and Space keys can now invoke the functionality of a button.

This change is applied to Cluster Level Actions

Technical & Upgrade Considerations

Technical Considerations

- The ACTION CONTROL element, which resides within the CLUSTER/ACTION SET and LIST/ACTION SET components, is now displayed as a button.
- References to the specific positioning classes (right-corner, left-corner, middle) are no longer used.
- This functionality can be disabled by accessing the system administration settings, navigating to application properties, and setting the 'curam.temp.cluster.list.buttons.enable' property to 'false'.
- For more information on this new functionality, please see the Updated Button Functionality in the Application Configuration section in the *Cúram Webclient Reference Manual*.

Upgrade Considerations

- If you have custom pages which contain list and/or cluster buttons, then you are affected by this change.
- The Cúram user interface has been updated, and the underlying HTML structure of some components has changed.
- The changes in HTML may impact JavaScript or CSS customizations.
- For more information on how this change might impact customizations, see the Cúram Upgrade Guide.

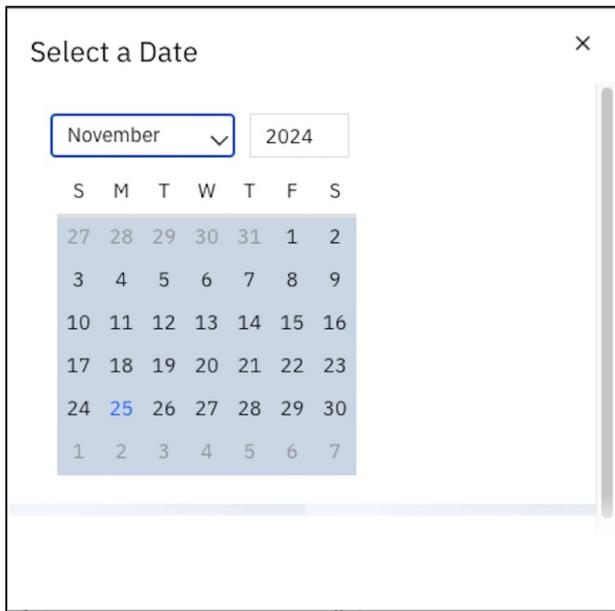
C Ú R A M - A C C E S S I B I L I T Y

Calendar fails the
minimum color contrast
requirement

Calendar fails the minimum color contrast requirement

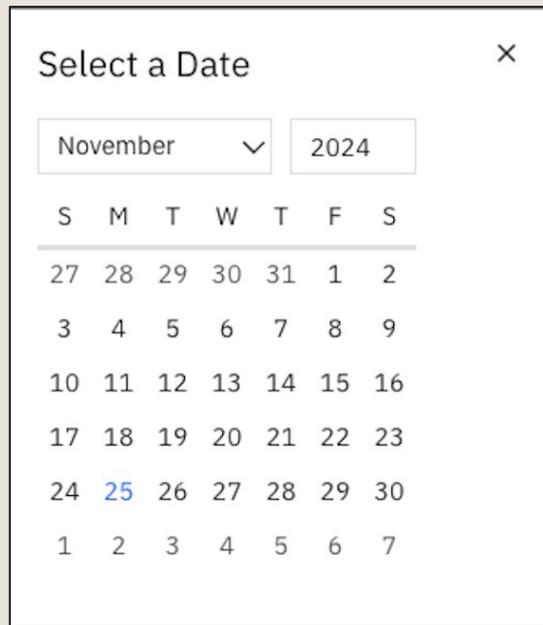
Before 8.1.3

The current date in the Calendar date picker has insufficient contrast with the background color.



In 8.1.3

The blue background color in the Calendar date picker has been removed. The background colour is now white.



C Ú R A M - A C C E S S I B I L I T Y

Text Truncated and
overlapped when
Context Panel preview
shown in a modal

Text Truncated and overlapped when Context Panel preview shown in a modal

Before 8.1.3

Long text values are truncated and overlapping on the context panel preview.

New Participant ? × * required field

1 Details **2** Potential Matches

Step 2: Potential Matches

Based on the information provided in the participant details screen, the following are potential matches. If one of the participants below is the same person as entered, select 'Exact'. If one or more of the participants below might be the same person as entered, select 'Probable'. If none of the participants below is the same person as entered, then select 'Finish'.

Exact or Probable	Name	Gender	Date of Birth	Address
∨ <input type="text" value="-Select-"/>	Bartholomew Friedrichson Wolfschlegelsteinhausenbergerdorff - Brandenburg	Male	01/01/1990	23452 -23, Bellefontaine Neighbors Road, Norwood-Young America, Southern UTE Indian Reservation, Beaver County, District of Columbia, 67866



Bartholomew Friedrichson Augustine Wolfschlegelsteinhausenbergerdorff - Brandenburg ³⁰⁰⁰⁰⁰⁰³
23452 -23, Bellefontaine Neighbors Road, Norwood-Young America, Southern UTE Indian Reservation, District of Columbi... 
Male
34 years

[Bartholomew ...](#)

-  No Intake cases
-  No Investigation cases
-  No Ongoing cases

[Cancel](#) [Back](#) [Finish](#)

Text Truncated and overlapped when Context Panel preview shown in a modal

In 8.1.3

Field labels and values no longer overlap on the context panel.

Long values such as 'Name' and 'Address' now wrap in the context panel.

Technical Considerations

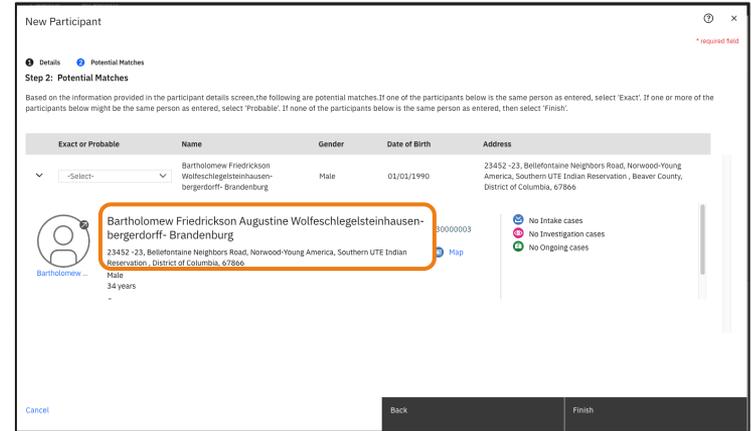
Updates were made to the following files in **CEFWidgets repository**

1. /cefwidgets/CEFWidgets/webclient/components/CEFWidgets/css/PersonDetailsPanel.css
2. /cefwidgets/CEFWidgets/webclient/components/CEFWidgets/css/tab-content.css
3. /cefwidgets/CEFWidgets/webclient/components/CEFWidgets/css/tab-details.css
4. /cefwidgets/CEFWidgets/webclient/components/CEFWidgets/css/links-panel.css

Updates were made to the following files in **CFSS repository**

These changes are specific only to the CFSS repo and CFSS pages.

1. /cfss/CFSS/webclient/components/ChildServices/css/cfss-PersonDetailsPanel.css
2. /cfss/CFSS/webclient/components/ChildServices/css/cfss-inline-context-panel-expanded-row.css
3. /cfss/CFSS/webclient/components/ChildServices/css/cfss-inline-context-panel-expanded-row-rtl.css
4. /cfss/CFSS/webclient/components/ChildServices/css/ccscontentpanel.css
5. /cfss/CFSS/webclient/components/ChildServices/css/CCSParticipantContextPanel.css



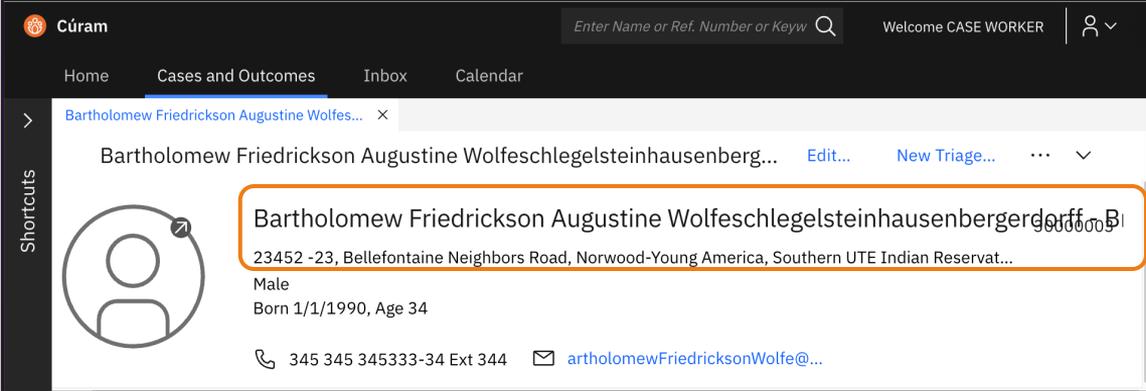
CÚRAM - ACCESSIBILITY

Content overlaps and is truncated on the Person Context panel when viewed zoomed to 200%

Content overlaps and is truncated on the Person Context panel when viewed zoomed to 200%

Before 8.1.3

When viewing the Context panel for a person with a long address at 200% zoom, fields are overlapping and values are truncated making it more difficult to read.

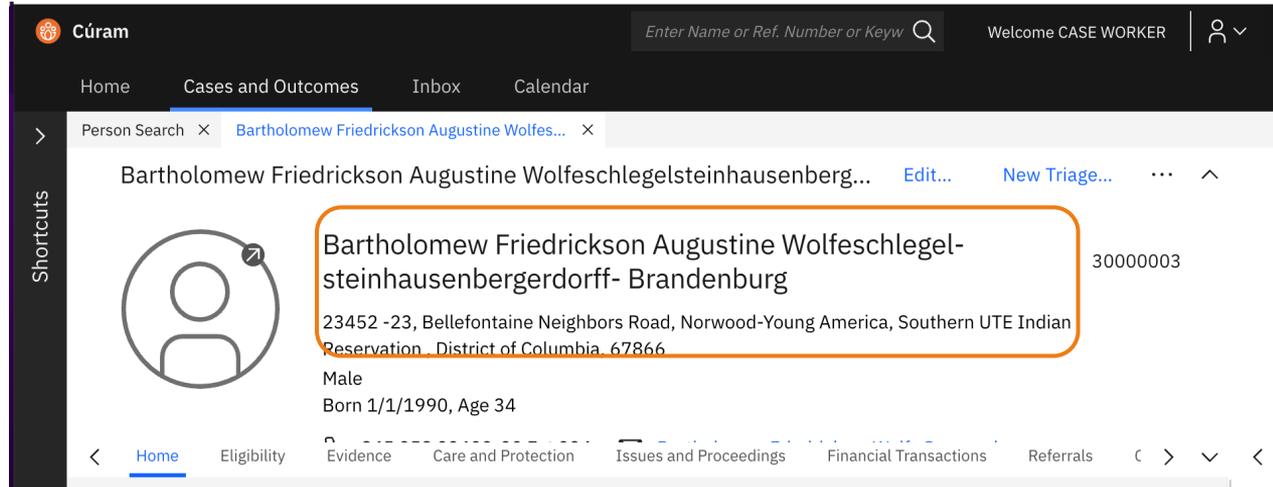


Content overlaps and is truncated on the Person Context panel when viewed zoomed to 200%

In 8.1.3

The person detail fields such as name, address, age and email are wrapped to the next line so that the full details are readable when viewed using zoom.

This is specific to only **Person Context Panel**.



Technical Considerations

Updates were made to the following files in CEFWidgets and CFSS repository

- CFSS/webclient/components/ChildServices/css/cfss-PersonDetailsPanel.css
- CEFWidgets/webclient/components/CEFWidgets/css/PersonDetailsPanel.css

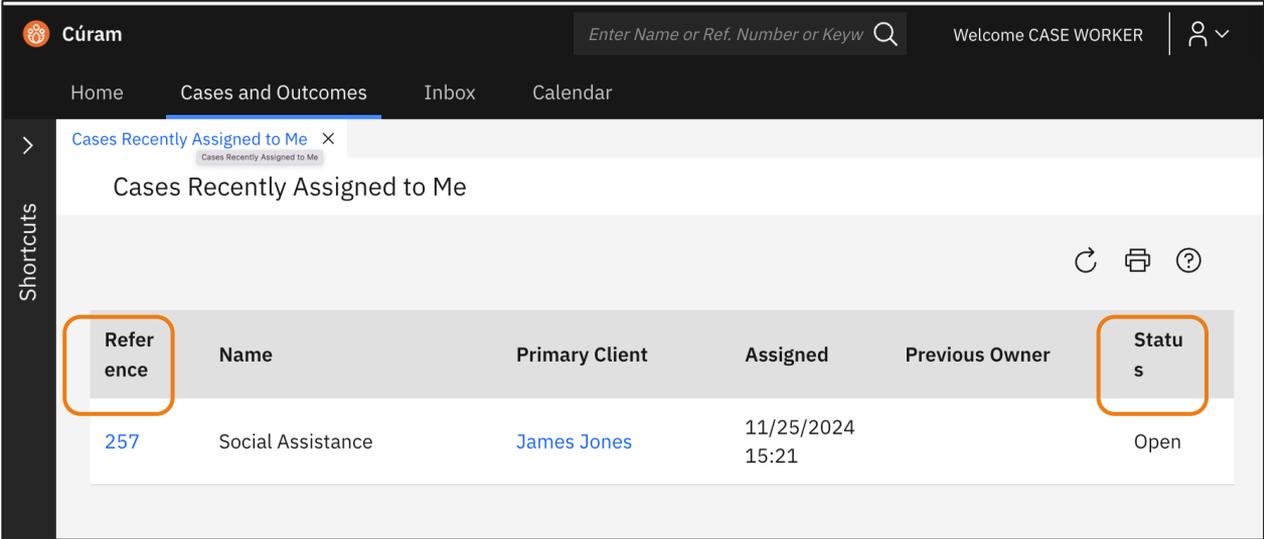
List tables without
actions menus are
breaking words and not
scrolling horizontally
when zoomed

List tables without actions menus are breaking words and not scrolling horizontally when zoomed

Before 8.1.3

When inline action menus for lists are enabled, list tables without action menus do not use auto layout. As a result, they do not scroll horizontally when there isn't enough space, such as when zooming.

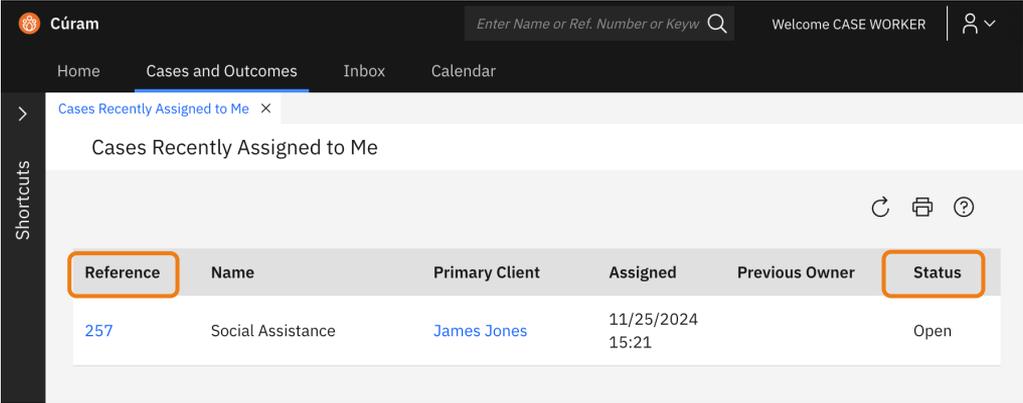
Instead, words break to fit within the available space, making the table headers more difficult to read.



List tables without actions menus are breaking words and not scrolling horizontally when zoomed

In 8.1.3

Auto layout has been applied to all lists, and column headers now scroll horizontally when there isn't enough space to display the content within the table.



Previously we had a condition that checked if the Display Inline Actions is enabled, if enabled then the Auto Layout is applied.

In 8.1.3.0, Auto Layout is applied to all lists regardless of whether Display Inline Actions is enabled or not.

As a result, the ability to turn off the auto layout mode has also been removed.

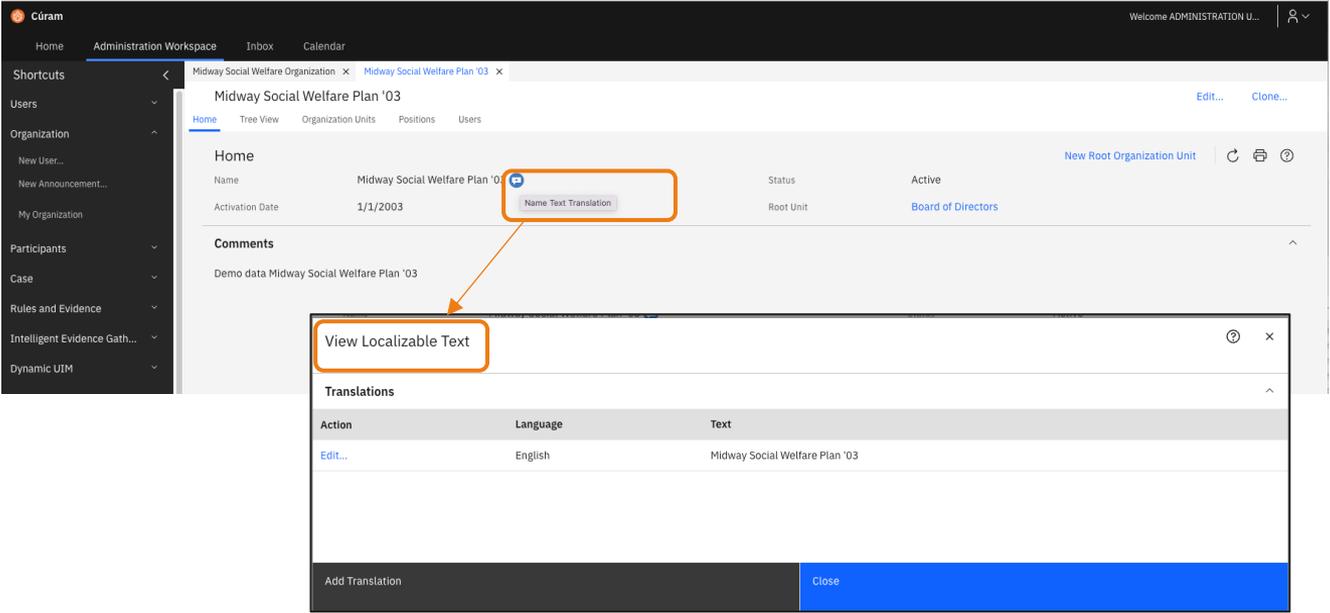
C Ú R A M - A C C E S S I B I L I T Y

Button labels used to launch certain dialogs do not match the dialog headings

Button labels used to launch certain dialogs do not match the dialog headings

Before 8.1.3

The button labels used to launch certain dialogs do not match the dialog headings, which can cause confusion when navigating the application.



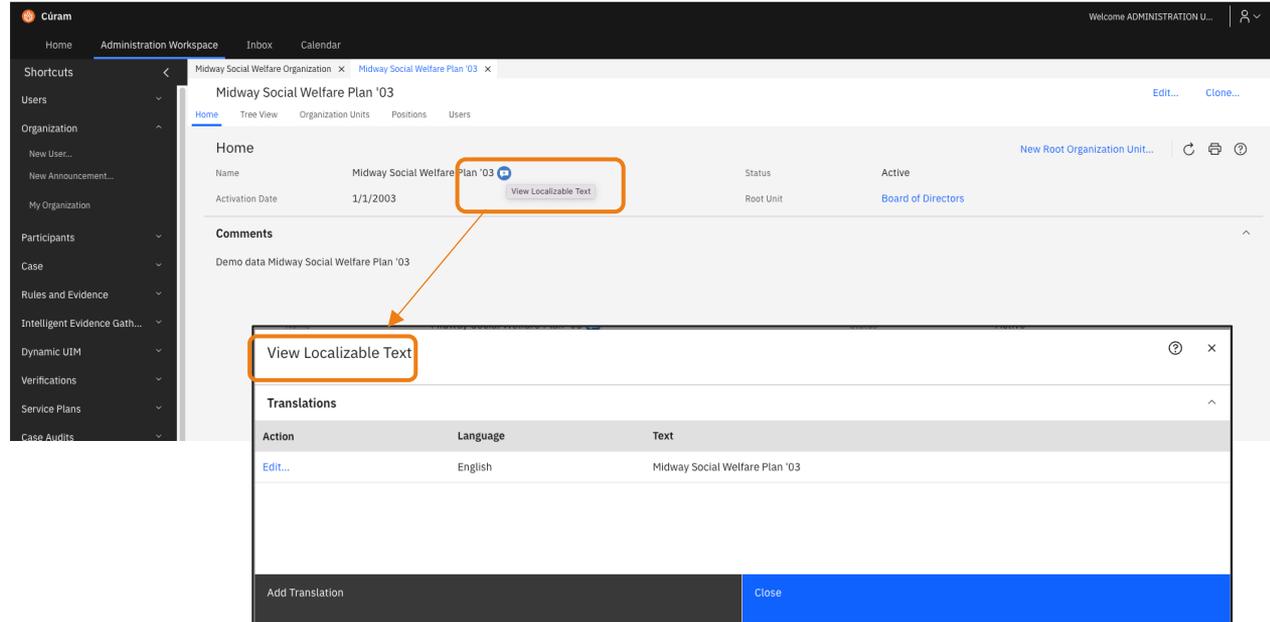
Button labels used to launch certain dialogs do not match the dialog headings

In 8.1.3

The link text in the associated properties file for each affected UIM page was updated to match the title of the page that it opens i.e. "View Localizable Text"

This pattern occurs in multiple places throughout the administration application.

The following areas have also been updated: Organization, Quick Links, Delivery Patterns, Milestones, Outcome Management and Universal Access.



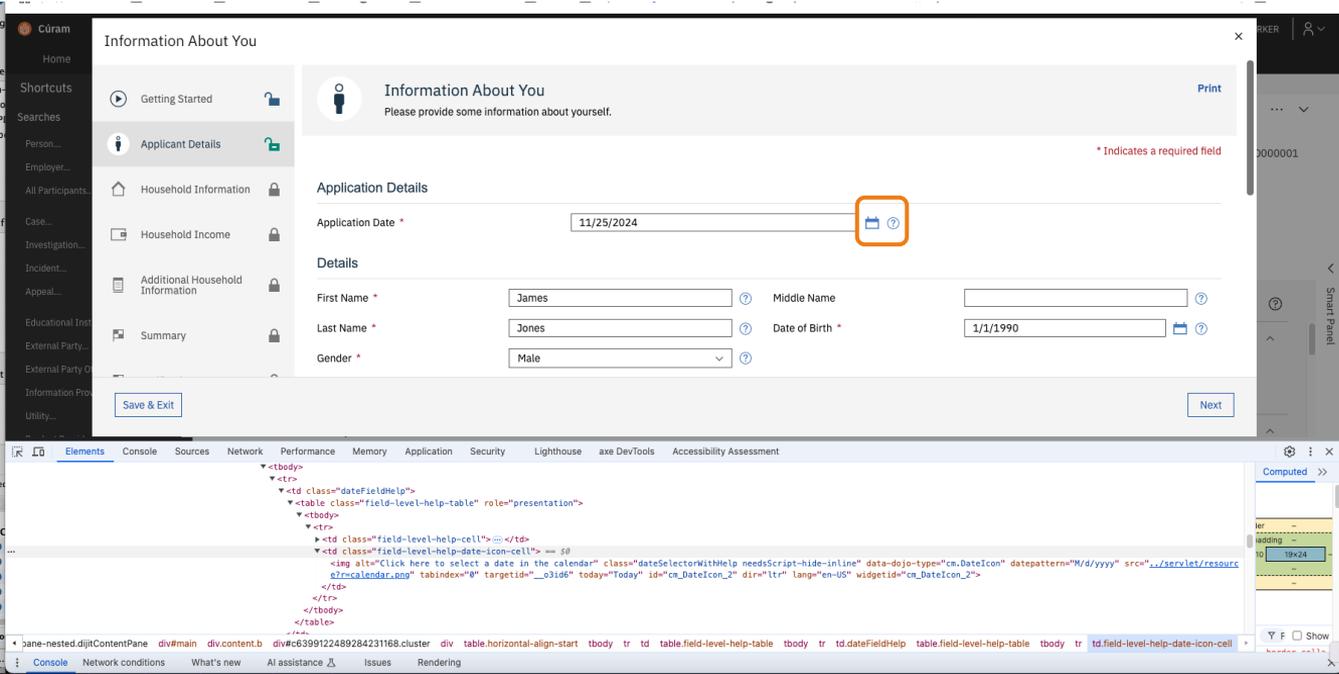
CÚRAM - ACCESSIBILITY

Focus not visible
when Calendar icon in
IEG receives the focus

Focus not visible when Calendar icon in IEG receives the focus

Before 8.1.3

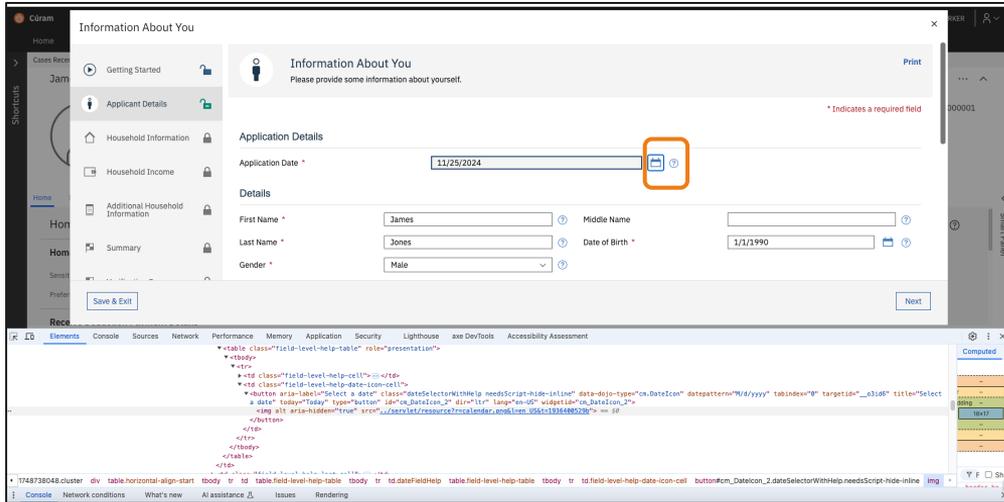
The focus indicator is not visible when the calendar icon in IEG receives focus.



Focus not visible when Calendar icon in IEG receives the focus

In 8.1.3

A button element has been added to contain the calendar icon, and the focus is now visible.



Technical Considerations

- Used a button element and provided a title attribute and aria-label on the button. Reused the text from the img alt attribute: "Select a date".
- The title attribute is for sighted users, the aria-label is for screen readers/assistive technology.

Files updated to make this change:

1. EJBServer/components/IntelligentEvidenceGathering/data/initial/blob/ieg-config.properties
2. EJBServer/components/IntelligentEvidenceGathering/data/initial/blob/ieg-css-template.css

New text added to the properties file:

calendar.button.title=Select a date

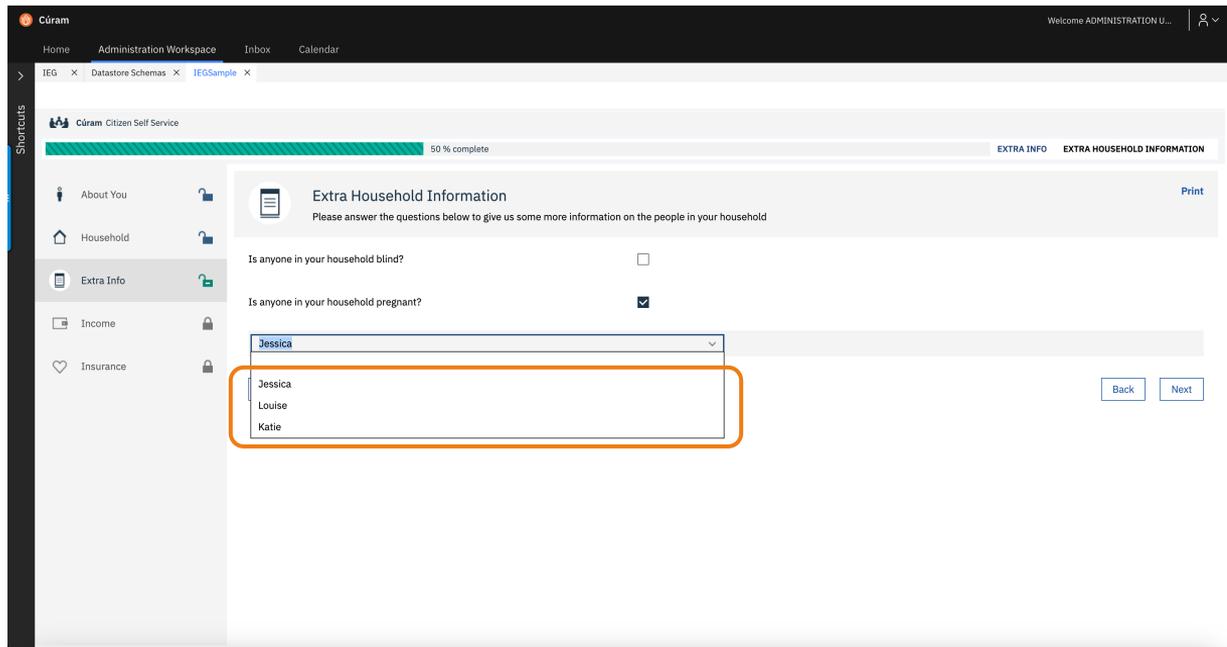
EJBServer/components/IntelligentEvidenceGathering/data/initial/blob/ieg-config.properties

The focus marker is not displayed for the options of a single-select IEG List question which is displayed as a dropdown

The focus marker is not displayed for the options of a single-select IEG List question which is displayed as a dropdown

Before 8.1.3

The focus indicator is not displayed for keyboard users when navigating through the options of a single-select Intelligent Evidence Gathering (IEG) list question displayed as a dropdown menu.



The focus marker is not displayed for the options of a single-select IEG List question which is displayed as a dropdown

In 8.1.3

The focus indicator is now displayed for keyboard users when navigating through the options of a single-select IEG list question displayed as a dropdown menu.

Technical Considerations

The IEG list question single select dropdown is now configured to use the filter and sort feature for dropdown menus when it has been enabled in Cúram.

The screenshot shows the Cúram administration interface. The main content area is titled 'Extra Household Information' and contains two questions: 'Is anyone in your household blind?' (checkbox) and 'Is anyone in your household pregnant?' (checkbox). Below these questions is a dropdown menu with the following options: Jessica, Louise, and Kate. The 'Jessica' option is selected, indicated by a checkmark and a blue focus bar. An orange box highlights the dropdown menu area. The interface also includes a sidebar with navigation options like 'About You', 'Household', 'Extra Info', 'Income', and 'Insurance', and a top navigation bar with 'Home', 'Administration Workspace', 'Inbox', and 'Calendar'.

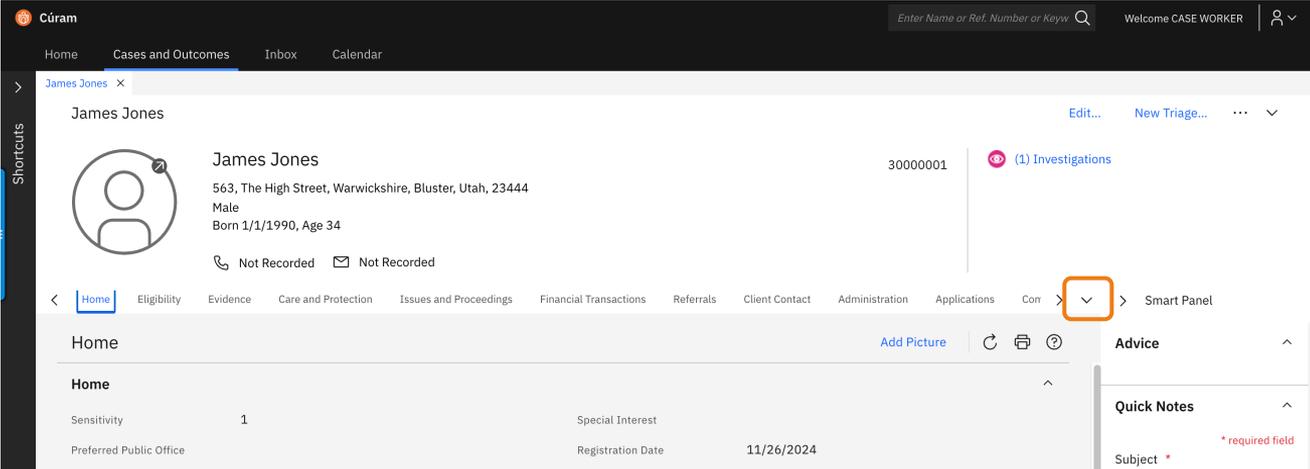
CÚRAM - ACCESSIBILITY

Focus is not shown
when the user navigates
to the navigation menu
in the content area
navigation bar

Focus is not shown when the user navigates to the navigation menu in the content area navigation bar

Before 8.1.3

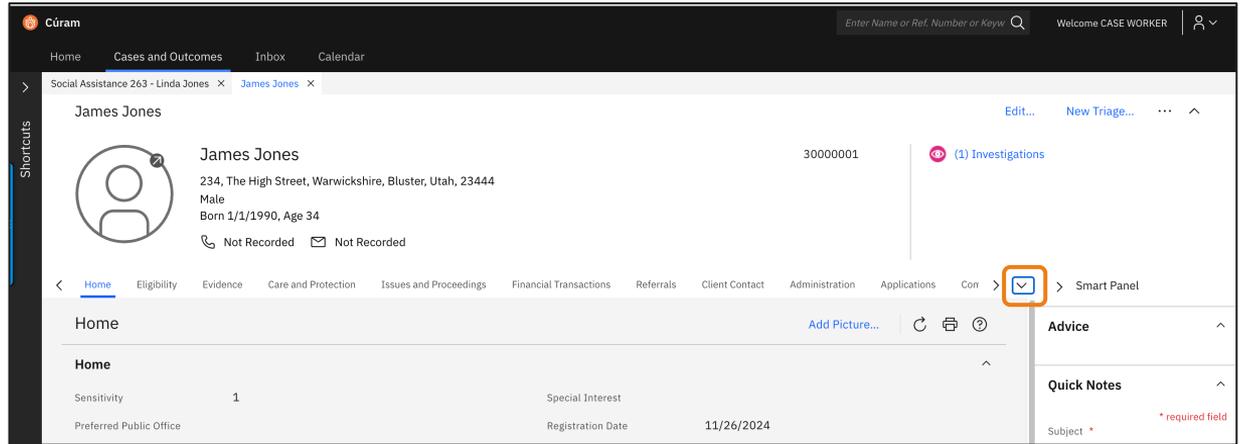
The focus is not visible when the user navigates to the navigation menu button in the content area navigation bar.



Focus is not shown when the user navigates to the navigation menu in the content area navigation bar

In 8.1.3

The focus now properly moves to the navigation menu button, making it visible.



Technical & Upgrade Considerations

The following file in the *TI* repository has been updated:

TI/client/CoreInf/CuramCDEJ/lib/curam/web/themes/curam/css/curam_navigation_tabs.css

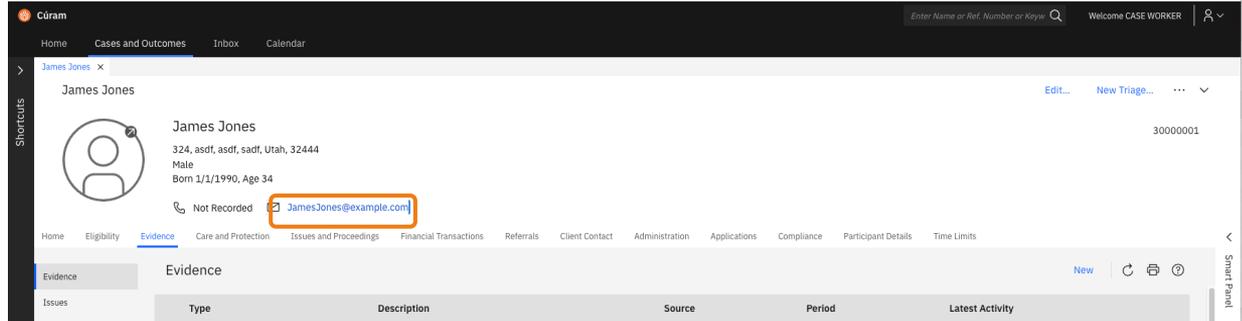
CÚRAM - ACCESSIBILITY

Focus is not shown
clearly when the user
navigates to email on
the person context panel

Focus is not shown clearly when the user navigates to email on the person context panel

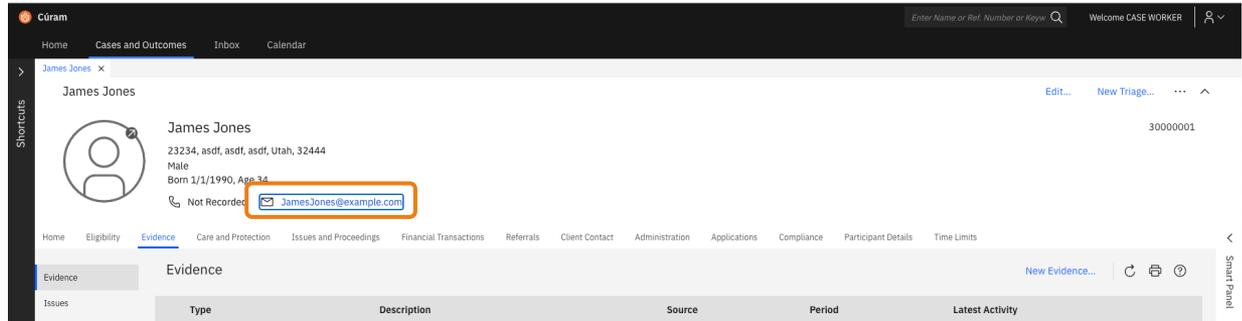
Before 8.1.3

The focus is not visible when the user navigates to the email content in the person context panel using a keyboard.



In 8.1.3

The focus now moves to the email link on the person context panel and is fully visible.



CÚRAM - ACCESSIBILITY

Visualization of Reserved Tasks

Visualization of Reserved Tasks

Before 8.1.3

- Previously the first column on task list pages was not accessible.
- The column displayed visual indicator but no visible column name that described the purpose of the column to accessible users.
- The column content displayed an orange icon to indicate the task was reserved and an invisible icon for an unreserved task but no legend/inline text that explained the actual meaning.

The screenshot shows the Cúram interface for a user named SUPER USER. The main content area displays a profile for Ann Jones and a list of tasks. The 'Tasks' table is as follows:

Task ID	Subject	Priority	Status	Deadline
256	Task for superuser	Medium	Open	
257	Task for caseworker	Medium	Open	

Visualization of Reserved Tasks

In 8.1.3

Caseworkers are now able to see at first glance which tasks are reserved and by which user.

The Task list pages now include a new column titled 'Worked on By'. If the column is populated with a username, this indicates that the task is reserved and which user the task is reserved to.

The screenshot shows the Cúram software interface. At the top, there is a navigation bar with 'Home', 'Cases and Outcomes', 'Inbox', and 'Calendar'. Below this is a sidebar with various navigation options. The main content area displays a profile for 'Ann Jones' and a 'Tasks' table. The table has columns for 'Task ID', 'Subject', 'Priority', 'Status', 'Worked on By', and 'Deadline'. The 'Worked on By' column for task 256 is highlighted with a red box and contains the text 'SUPER USER'.

Task ID	Subject	Priority	Status	Worked on By	Deadline
256	Task for superuser	Medium	Open	SUPER USER	
257	Task for caseworker	Medium	Open		

Clicking on the 'Worked on By' name will provide additional user details.

The screenshot shows a 'User Details' modal window. It contains the following information:

- User Details:**
 - First Name: SUPER
 - Last Name: USER
 - Role: SUPERROLE
 - Status: Active
- Contact Details:**
 - Business Phone: Personal Phone
 - Business Email: Personal Email
 - Mobile: Fax
 - Pager:

A blue 'Close' button is located at the bottom right of the modal.

Visualization of Reserved Tasks

Technical Considerations

Updates were made to the following Task pages in Cúram:

Appeal_listHearingCaseIssueTaskForIC
Appeal_listHearingCaseTask
Appeal_listJudicialReviewTaskForIC
Appeal_listJudicialReviewTask
Appeal_listJudicialReviewIssueTaskForIC
Appeal_listHearingReviewTaskForIC
Appeal_listHearingReviewTask
Appeal_listHearingReviewIssueTaskForIC
Appeal_listHearingCaseTaskForIC

DecisionAssistApplication_listTaskNoCOC
DecisionAssistApplication_listTaskNoCOCMultiSourceAC
DecisionAssistApplication_listTaskNoCOCMultiSourceMC
DecisionAssistApplication_listTaskNoCOCSingleSource
DecisionAssistApplication_listTaskWithCOC

DefaultIC_listTask
DefaultICEmployer_listTask
DefaultICInformationProvider_listTask
DefaultICMember_listTask
DefaultICProduct_listTask
DefaultICProductProvider_listTask
DefaultICProspectPerson_listTask
DefaultICRepresentative_listTask
DefaultICServiceSupplier_listTask
DefaultICUtility_listTask

ICBenefitUnderPayment_listTask
ICEmployer_listTask
ICInformationProvider_listTask
ICInvestigationSample_listTask
ICMember_listTask
ICPerson_listTask
ICProductProvider_listTask
ICProductSample_listTask
ICProspectPerson_listTask
ICRepresentative_listTask
ICSample_listTask
ICSampleSportingGrant_listTask
ICServiceSupplier_listTask
ICSportingGrantSample_listTask
ICUtility_listTask

ISP_listTask
ISPEmployer_listTask
ISPMember_listTask
ISPPerson_listTask
ISPPProduct_listTask
ISPRepresentative_listTask
ISPServiceSupplier_listTask
ISPUtility_listTask

CCSAdoption_listMemberTask
CCSAdoption_listTask
CCSAdoptionSubsidy_listTask
CCSAdoptionSubsidy_memberListTask
CCSIntake_listTask
CCSIntegratedCase_listTask
CCSInvestigation_listTask
CCSONGoing_listMemberTask

LiabilityOverbilling_listTask
LiabilitySample_listTask
LIFCProduct_listTask
LTCPProduct_listTask
MAMProduct_listTask
PaymentCorrection_listTask
PDBenefitUnderPayment_listTask

IssueDelivery_listTask
IssueDelivery_listTaskForAppeal
LegalAction_listTask

CYSIntegratedCase_listMemberTask
CYSIntegratedCase_listTask

ICBenefitUnderPayment_listTask
ICEmployer_listTask
ICInformationProvider_listTask
ICInvestigationSample_listTask
ICMember_listTask
ICPerson_listTask
ICProductProvider_listTask
ICProductSample_listTask
ICProspectPerson_listTask
ICRepresentative_listTask
ICSample_listTask
ICSampleSportingGrant_listTask
ICServiceSupplier_listTask
ICSportingGrantSample_listTask
ICUtility_listTask

IncomeScreening_listTask
IncomeSupportScreening_listTask
InformationProvider_listTask
InvestigationSample_listTask

Person_listTask
Person_listTaskForDuplicate
ProductProvider_listTask
ProspectEmployer_listTask
ProspectPerson_listTask
ProviderInvestigation_listTask
RefugeeProduct_listTask
Screening_listTask
ServicePlanDelivery_listTask
ServicePlanDelivery_listTask
ServiceSupplier_listTask
TBBCC_listTask
Utility_listTask
Employer_listTask
ExternalParty_listTask

Case_ListTasks

BenefitSample_listTask
BenefitSampleOverpayment_listTask

CHIPPPremiumsProduct_listTask
CHIPProduct_listTask

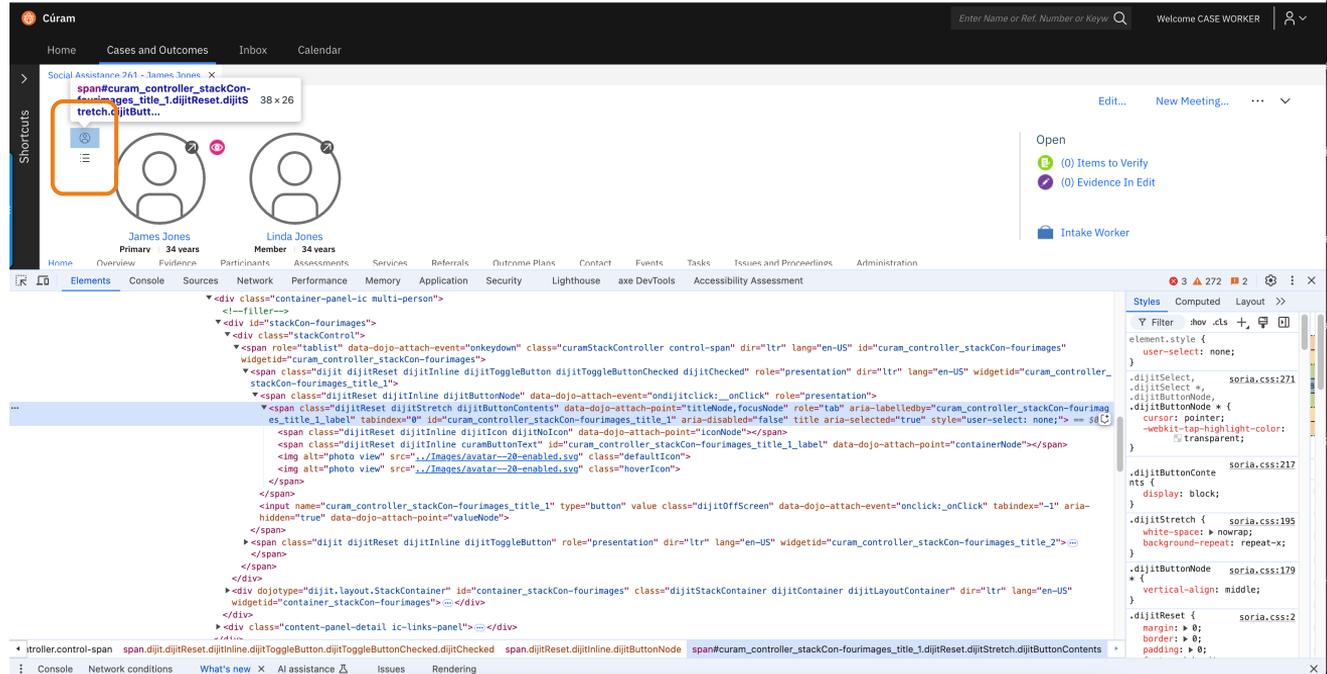
C Ú R A M - A C C E S S I B I L I T Y

No labels defined for
Photo & List view tabs in
context panel

No labels defined for Photo & List view tabs in context panel

Before 8.1.3

The Photo View and List View tabs in the context panel are missing property elements, which may cause accessibility issues.

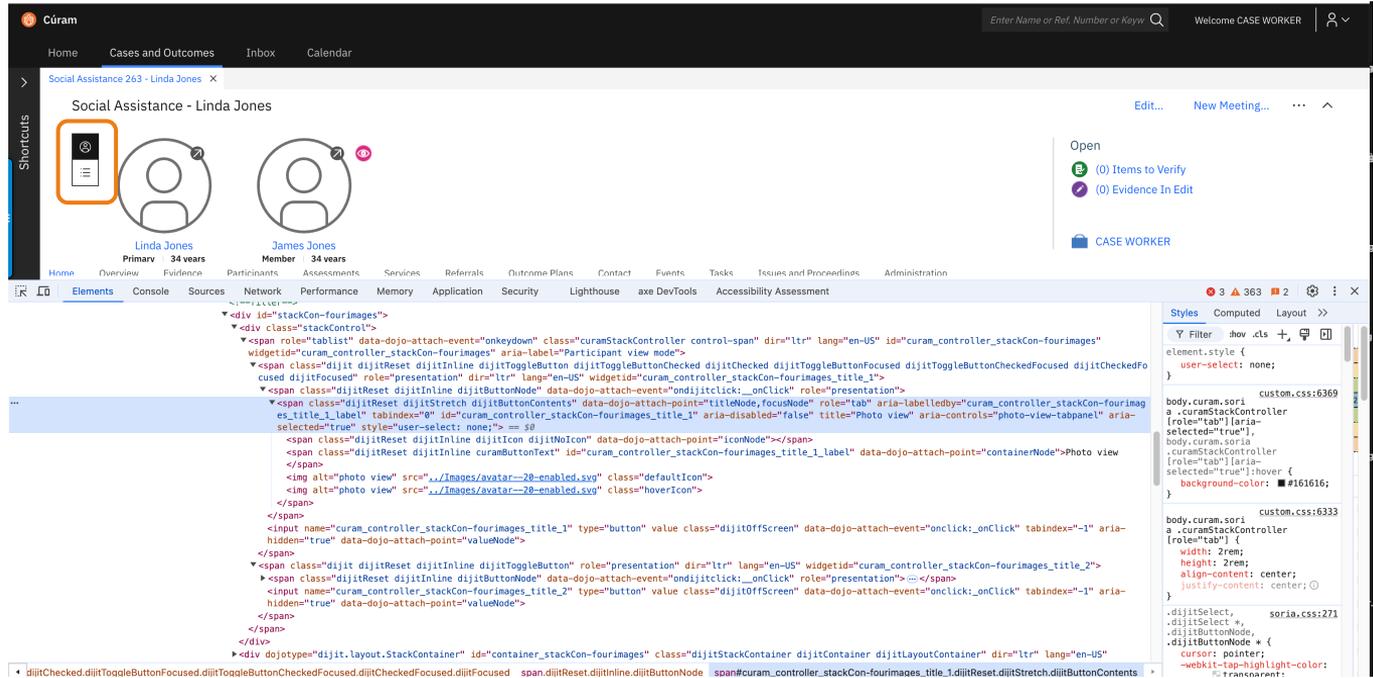


No labels defined for Photo & List view tabs in context panel

In 8.1.3

The Photo View and List View tabs in the context panel now contain property elements.

There is a visual indication of which tab is selected either Photo view or List View



Technical & Upgrade Considerations

Technical Considerations

An aria-controls property has been added for each element with a role tab, the 'aria-label' Participant view mode has been added, and there is now only one tabstop for the tablist

Updates were made to the following files in TI, CEFWidgets, SPM-EntMods, HCR and CFSS repository

- (1) Ti/ component client-inf/jscript/javascript-properties/default/CuramStackController.js.properties **(NEW)**
- (2) CEFWidgets/webclient/components/CEFWidgets/css/stackContainer.css
- (3) CEFWidgets/webclient/components/CEFWidgets/css/IntegratedCase.css
- (4) SPM-EntMods/webclient/components/Appeal/css/appealhearing.css
- (5) SPM-EntMods/webclient/components/CommonIntake/css/ApplicationCaseContextPanel.css
- (6) SPM-EntMods/webclient/components/AssessmentPlanning/css/OutcomePlanContextPanel.css
- (7) HCR/webclient/components/ISProduct/css/StackContainerIC.css
- (8) HCR/webclient/components/ISProduct/css/cgiss-application-case.css
- (9) CFSS/webclient/components/ChildServices/css/cfss-IntegratedCase.css
- (10) CFSS/webclient/components/ChildServices/css/cfss-ongoing-case-context-panel.css

Upgrade Considerations

Clients upgrading to 8.1.3.0 will notice changes that labels are defined for the Photo View and List View tabs in the context panel and there will be visual indication of which tab is selected either Photo view or List View.

CÚRAM - ACCESSIBILITY

Improvements for screen reader users

The following screen reader improvements are available in 8.1.3.0

<i>Problem</i>	<i>Resolution</i>	<i>WCAG</i>
1. IEG mandatory radio button and multi-select questions are not announced as mandatory by screen readers	The legend text for radio buttons and multi-select questions has been updated to append a mandatory indicator. This indicator will be announced by screen readers.	1.3.1
2. Screen reader reads Blank before reading Information text about no tabs opened when there are no tabs opened in a section	The screen reader now reads the information text present when no tabs are opened.	1.3.1
3. Links in Context Panel should be part of the list and each link should be a list item	The links in the context panel have been updated to be part of an unordered list (), with each link correctly displayed as a list item (), this will allow screen reader users to navigate the application efficiently.	1.3.1
4. Screen reader announces invisible non-actionable elements *	The issue is resolved, the screen reader does not read the non-focused elements in the shortcuts panel when attention is shifted to a different element when all the tabs are closed on the workspace.	1.3.1
5. Screen reader does not announce Required Date fields as mandatory	All required date input fields are announced as mandatory in the same manner as text fields.	1.3.1
6. Graphical View Instance Data Details table is missing table header elements *	The previous cluster implementation, which used dl, dt, and dd tags, has now been replaced with a table implementation.	1.3.1
7. Screen reader not reading the legend text for check-boxes group on search pages	Legend text is present for all the affected searches, but the associated CSS class was 'hidden'. Updated this to unhide the class.	1.3.1
8. How to close Application tabs info not available for screen reader users and for keyboard users unless they read documentation	The close icon [X] on application tabs is now focusable. When the icon is selected, the screen reader announces the tab title correctly, and the close action can be activated by clicking Enter.	2.1.1

The following screen reader improvements are available in 8.1.3.0

<i>Problem</i>	<i>Resolution</i>	<i>WCAG</i>
9. Heading structure in all modal windows and wizard modals within Cúram is incorrect	The heading structure in the Register Person modal window has been corrected. Now, 'Register Person' is properly displayed as a <h2> tag, and 'Step 2: Registration' is displayed as a <h3> tag, this will allow screen reader users to navigate the application more easily.	2.4.6
10. Label for expand/collapse context panel button is not meaningful and does not describe its purpose	The 'aria-label' has been updated to include the context. When the context panel is expanded, the screen reader announces 'Context Panel, button, expanded', and when it is collapsed, it announces 'Context Panel, button, collapsed'. Additionally, the tooltip shows 'Expand Context Panel' when the panel is collapsed and 'Collapse Context Panel' when the panel is expanded, providing clear visual feedback for sighted users.	2.4.6
11. Accessibility issues with the Search button in the Application Search	The screen reader now announces 'Search' for the input field and 'Search' when the search button is selected, the repetitive text has been removed. The underlying HTML has been updated to a button tag. This will assist screen reader users in navigating the search fields.	4.1.2
12. iFrames within expandable lists have empty title HTML attributes	The title attribute has been added to the iFrames, improving navigation for screen reader users.	4.1.2
13. Issue with the aria-expanded="false" attribute added to the div element	Two updates were made to address this issue: Removed the 'aria-expanded' attribute from the DropDownBox.html template for elements where role="presentation" is set. Modified the openDropDown and closeDropDown functions in FilteringSelect.js such that 'aria-expanded' is removed from buttonNode.	4.1.2

The following screen reader improvements are available in 8.1.3.0

	<i>Problem</i>	<i>Resolution</i>	<i>WCAG</i>
14.	Empty <h1> Heading on Calendar page causing Accessibility violations	The properties file is updated to populate appropriate text and the accessibility violation has been resolved.	4.1.2
15.	Screens with file upload widgets do not announce the name of the selected file when accessed by screen readers	The name of the selected file is now announced by the screen reader.	4.1.2
16.	The shortcuts and smart panel buttons have a nested interactive control button *	The shortcuts and smart panel buttons now have one nested interactive control button.	4.1.2
17.	Screen reader does not inform the impaired user when in-page navigation buttons are selected	The 'aria-pressed' attribute has been added to each in-page navigation button. The value of this attribute is set to true for the currently selected button and false for all other buttons. This improvement will make it easier for screen reader users to navigate the application.	4.1.2
18.	The browse button label in Attachment dialogs has a generic description and doesn't clearly describe its purpose	A screen reader now announces the purpose of the Browse button, which is to upload a file.	4.1.2

For full details of each screen reader improvement, consult the [External release notes](#)

CÚRAM - ACCESSIBILITY

Updated Icons

The following Icons are updated and available in 8.1.3.0

	<i>Icon</i>	<i>Resolution</i>
1.	Reserved icon for a task	The icon has been removed and replaced by a new column titled 'Worked on by'.
2.	Appealed Items & Appealed items awaiting approval icons on Appeal case context panel	The icons have been replaced and the accessibility checks and now passes the non-text contrast accessibility check
3.	Ongoing Cases icon	The icon has been replaced and now passes the non-text contrast accessibility check
4.	Expedited icon	The icon has been replaced and now passes the non-text contrast accessibility check
5.	Successful & Unsuccessful icons in Outcome Plan workspace	The icons have been replaced and now passes the non-text contrast accessibility check
6.	Income Support 'Federal Time Limit'/'days reaching limit' icon	The icon has been replaced and now passes the non-text contrast accessibility check
7.	Todo tick icon on the income support application home page	The icon has been replaced and now passes the non-text contrast accessibility check

Cúram Security Enhancements

Cúram 8.1.3 Enablement Material



SECURITY TEAM / TECHNICAL INFRASTRUCTURE

OpenID Connect (OIDC) Authentication Support and Enhancements to Cúram Login Module and SAML Authentication

OIDC Authentication

Business Problem:

Customers aim to implement their own security strategies and require OIDC (OpenID Connect) support within the Cúram application, leveraging REST for secure access and authentication.

Before:

JAAS and SAML have previously served as the foundational security frameworks for access and authentication, they are not well suited for REST based architectures, which require more lightweight and flexible protocols..

After:

OIDC has been seamlessly integrated into our authentication framework and protocols, providing customers with greater flexibility and an expanded range of options to choose the most suitable security framework for their needs. Additionally, SAML SSO support has been enhanced to accommodate a broader array of Cúram authentication features.

Technical Considerations

What is provided?

This enhancement has been added for IBM WebSphere Liberty

- OIDC support for REST-based B2B scenarios.
- Documentation for implementing REST B2B using the Resource Owner Password Credentials (ROPC) flow as a starting point and other options are configurable depending on customer security needs.
- Alternate Login ID support for both OIDC and SAML.
- Security cache population for OIDC and SAML flows.
- Population of the AuthenticationLog table for logins using OIDC and SAML.
- Comprehensive documentation for configuring IBM® WebSphere® Liberty with Keycloak as the OIDC provider (OP) and Identity Provider (IdP) for SAML

Upgrade

What do you need to do?

For more in-depth explanation of the details in this security enhancements please refer to the CuramSecurityHandbook for enhanced documentation on enabling OIDC and SAML for IBM WebSphere Liberty.

See the Tables in the following slides for supported authentication controls and features for each supported Curam Application Server.

Table 1:
IBM WebSphere Liberty Application Server
Supported Authentication features

- JAAS, OIDC and SAML Supported for Cúram
- OIDC not supported yet on CE
- JAAS, OIDC and SAML Supported for REST
- AlternateLoginID, Security Cache and AuthenticationLog features supported

Application Server	Access Channel	Application	Authentication method	Supported/Tested Features
IBM WebSphere Liberty	Browser	Curam	SAMLSSO ✓	User verification ✓
				Alternate Login ID ✓
				Security Cache ✓
				Authentication Log ✓
		OIDC ✓	User verification ✓	
			Alternate Login ID ✓	
			Security Cache ✓	
			Authentication Log ✓	
		Basic (JAAS) ✓	All features ✓	
	CE	SAMLSSO ✓	User verification ✓	
			Alternate Login ID ✓	
			Security Cache ✓	
			Authentication Log ✓	
		OIDC ✗	N/A	
	Basic (JAAS) ✓	All features ✓		
	REST Client	REST	OIDC ✓	User verification ✓
				Alternate Login ID ✓
				Security Cache ✓
				Authentication Log ✓
			SAMLSSO ✓	User verification ✓
		Alternate Login ID ✓		
Security Cache ✓				
Authentication Log ✓				
Basic (JAAS) ✓		All features ✓		
Flex Editors		Curam	SAMLSSO ✗	N/A
	OIDC ✗		N/A	
	Basic (JAAS) ✓		All features ✓	
Soap WebServices	Curam	SAMLSSO ✗	N/A	
		OIDC ✗	N/A	
		Basic (JAAS) ✓	All features ✓	

Table 2

IBM WebSphere Application Server Supported Authentication features

- JAAS, OIDC and SAML Supported for Cúram
- OIDC not supported yet on CE
- JAAS and SAML Supported for REST
- AlternateLoginID, Security Cache and AuthenticationLog features are not currently supported

Application Server	Access Channel	Application	Authentication method	Supported/Tested Features
IBM WebSphere	Browser	Curam	SAML SSO ✓	User verification ✓
				Alternate Login ID ✗
				Security Cache ✗
				Authentication Log ✗
			OIDC ✓	User verification ✓
		Alternate Login ID ✗		
		Security Cache ✗		
		Authentication Log ✗		
		Basic (JAAS) ✓	All features ✓	
		CE	SAML SSO ✓	User verification ✓
	Alternate Login ID ✗			
	Security Cache ✗			
	Authentication Log ✗			
	OIDC ✗		N/A	
	Basic (JAAS) ✓	All features ✓		
	REST Client	REST	SAML SSO ✓	User verification ✓
				Alternate Login ID ✗
				Security Cache ✗
				Authentication Log ✗
	Flex Editors	Curam	SAML SSO ✗	N/A
OIDC ✗				N/A
Basic (JAAS) ✓			All features ✓	
Soap WebServices	Curam	SAML SSO ✗	N/A	
		OIDC ✗	N/A	
		Basic (JAAS) ✓	All features ✓	

Table 3

Oracle Weblogic Application Server Supported Authentication features

- JAAS and SAML Supported for Cúram
- OIDC not supported/Tested
- JAAS and SAML Supported for REST
- AlternateLoginID, Security Cache and AuthenticationLog features are not currently supported

Application Server	Access Channel	Application	Authentication method	Supported/Tested Features
Oracle Weblogic	Browser	Curam	SAMLSO ✓	User verification ✓
				Alternate Login ID ✗
				Security Cache ✗
				Authentication Log ✗
		OIDC ✗	N/A ✓	
		Basic (JAAS) ✓	All features ✓	
		CE	SAMLSO ✓	User verification ✓
				Alternate Login ID ✗
			Security Cache ✗	
			Authentication Log ✗	
	OIDC ✗	N/A		
	Basic (JAAS) ✓	All features ✓		
	REST Client	REST	SAMLSO ✓	User verification ✓
				Alternate Login ID ✗
				Security Cache ✗
				Authentication Log ✗
OIDC ✗	N/A			
Basic (JAAS) ✓	All features ✓			
Flex Editors	Curam	SAMLSO ✗	N/A	
		OIDC ✗	N/A	
		Basic (JAAS) ✓	All features ✓	
Soap WebServices	Curam	SAMLSO ✗	N/A	
		OIDC ✗	N/A	
		Basic (JAAS) ✓	All features ✓	

SECURITY TEAM / TECHNICAL INFRASTRUCTURE

Extend the blackbox Curam Login Module

Ability to extend blackbox CuramLoginModule

Business Problem:

Customers require the ability to dynamically add new users to their security configuration without necessitating a server restart, as restarts are impractical in typical production environments.

Before:

Previously, Cúram customers were required to restart their server to add a new user to the authentication security configuration.

After:

An enhancement has been implemented to eliminate the need for server restarts in production environments, providing support for SAML, OIDC, and the default JAAS authentication flow.

Technical Considerations

What is provided?

This enhancement has been added for IBM WebSphere Liberty

An enhancement to the CuramLoginModule enables the dynamic population of newly added users in the Security Cache, eliminating the need for server restarts in production environments. This feature supports SAML, OIDC and the default JAAS authentication flow.

Dedicated authentication modules have been implemented for SAML and OIDC, providing a streamlined architecture that supports future enhancements.

* Please refer to the CuramSecurityHandbook for enhanced documentation on CuramLoginModule and SAML/OIDC