

24.1.1 Patch Resolved Issues

Ticket #	Issue #	Title	Description	Product Area
INC-A19066	857213	Corrected process model export	Exporting a process model to an external format such as XPD or BPEL was generating an empty export.xml file. This was traced to an error in checking the type of the parameter sResultXML, and has been resolved.	Case Management
INC-A21365 INC-A15775	842665 828072	Failed status correctly announced in BPNNotes	JAWS was not announcing Failed status in the pzBPNNotes section. This was traced to a missing focus event for the icon and has been resolved by replacing the Skipped and Failed label with a button to display pyTempText instead of the smart tooltip in the pyBPNNotes Section.	Case Management
INC-A23925	865644	Improved security for potential cross-site scripting	Cross-site scripting protections have been updated for the case type rule name.	Case Management
INC-A27598	846860	Attachments documentation updated	The documentation for Extension points and supporting Rules for attachments has been updated to specify that when using pzMultiFilePath control along with pyMaxDragDropAttachSizeMB setting, it is required to have section pzAttachFileDDFileList in the UI.	Case Management
INC-A28485	865665	Updated handling for pyFlowData clipboard with Tree Navigation	When using TreeNavigation7/ TreeNavigation in screenflow, navigating the case generated clipboard errors from pyFlowData. This has been resolved by updating the parameter handling in pxShowSubFlowData and adding the local variable flowStepPage.	Case Management
INC-A28980	848773	Updated logic for SaveAllAttachmentsDD	When using an Attach File button configured to call the pyAttachContent local action followed by a refresh of the current section, the optimistic locking refresh message was not shown as expected and the transaction committed stale data to the database. The section contained a table to display the attachments based on a property that refers to D_AttachmentList, and investigation showed that the file upload component pzSaveAllAttachmentsDD was updating the pxUpdateDateTime property to currentdatetime. This was traced to previous work done in pzSaveAllAttachmentsDD, and has been resolved.	Case Management
INC-B11685	868348	Pulse notification link description read by JAWS	When a JAWS user selected the notifications link on the main navigation menu using the keyboard, the notifications that were listed in the sub-menu were not read. This has been resolved by changing the role type to component/widget and the value to Link in the pzShowNotificationDefaultWrapper section.	Case Management
INC-B1330	853746	Display customized error messages on attachment widget	Support has been added to show customized error messages on the attachment widget if the upload fails. The following activities have been updated: CallVirusCheck - to include MessageOnUploadFailure parameter pySaveFileContent - to include MessageOnUploadFailure parameter pzUploadAndSaveFile [Data-WorkAttach-File-Temp] - updated to send a parameter MessageOnUploadFailure to messages pyVirusScanFail / pyUploadFailed	Case Management
INC-B147	868230	Handling added to avoid incorrect cover count value	While working on and resolving child cases, a validation error on screen was intermittently causing the pxCoveredCountOpen value to be decremented by one. Handling has been added to address this issue and maintain the correct count.	Case Management
INC-B1539	857414	Corrected multiple SLA instances after problem flow	Given a screenflow which had a flow level SLA defined, if an error was encountered when trying to enter the final assignment step and the SLA was started, the SLA did not reset when the issue was fixed and the case restarted using the Restart flow action. After restart, the system created an additional entry for the SLA problem flow while not removing the old SLA entry. This has been resolved by updating the flowfua flowmethodbody function so that if the pyCompanionFlow property is not empty on pxFlowPage(currentFlowpage), the SLAtoUse variable will be set to null to avoid the creation of multiple SLA queue instances.	Case Management
INC-B15400	866421	Work-Cover-SimpleCase updated to use ResolveAndCloseCase	Cases were not being cleaned up as expected when using the Resolve Case action in the Actions menu. Investigation showed the flowaction was calling the UpdateStatus activity, which updates the resolution status but does not clean up the open assignments. This has been resolved by updating the case wide action in "Work-Cover-SimpleCase" case type(pyDefault) from pySetStatusResolved to pyResolveAndCloseCase.	Case Management

24.1.1 Patch Resolved Issues

Ticket #	Issue #	Title	Description	Product Area
INC-B18712	870678	Aria-labels updated for icons on Case Type Questions View	When creating a case type as a questionnaire, some icons were missing the accessible helper text aria-label in the edit/add questions view of App Studio. This has been resolved by updating the helper text value defined in the pzEmbeddedSurveyQuestion and pzSurveyQuestionTemplate sections.	Case Management
INC-B3565	858161	pxlconShowReopenScreen rule deprecated	The Show Reopen control (pxlconShowReopenScreen) was generating a 403 security alert for an unregistered activity. As there are workarounds and other controls available which can be used to achieve the same functionality, the pxlconShowReopenScreen control has been deprecated.	Case Management
INC-B4211	865672	Improved performance for GetAssociatedTags	The report definition pyGetAssociatedTags had a performance warning. This report uses a join on the "Data-Social-Tag" class with the "pxLinkedRefTO" column of the "pr_link_work_tag" table, but no index was being used. This has been resolved by adding an index to the table pr_link_work_tag for the columns pxLinkedRefTo and pxLinkedRefFrom.	Case Management
INC-B4796	857203	Repaired Disqualify this action from bulk processing	After update, using "Disqualify this action from bulk processing" was not working. This was an inadvertent side effect of work done to the pzPreBulkProcessModal activity to consider context, and was caused by the pyGetRelevantActions activity hardcoding the class as Work- when adding the Transfer Assignment flow action. This has been resolved by removing the hard-coding and modifying the pzPreBulkProcessModal activity condition to check the hierarchy of the class.	Case Management
INC-B4827	857867	GetStageList activity updated for improved backwards compatibility	After upgrading from Pega 7 to Pega Infinity '23, using the activity method@pxExecuteAnActivity(CaseTempPage,"pzGetStageList") to get a case stage list did not return all of the stages defined in a case type as expected, but instead current stages were skipped and stages were returned without the case current stage. This was traced to a difference in handling due to the introduction of the pylsInitializationStage property in Pega 8 which is used to retrieve the stages list. In order to improve backwards compatibility, the 'when' condition param.skipCurrentStage==true has been added in step 7 of the pzGetStageList activity to check if the current stage needs to be skipped.	Case Management
INC-B4850	868345	Accessibility added for selected radio button on Question Page	When navigating the 'questions' with a screen reader, the user was not made aware of their selected radio button once they've completed the action. This has been resolved.	Case Management
INC-B5511	855877	Invalid file uploads correctly removed from server	When performing a file upload through the profile picture on the user portal configured on Theme Cosmos, the file was uploaded to the server's temporary location despite failing validation and throwing an invalid file error message on the screen. This has been resolved by passing the necessary parameter as true to the uploadFile function to remove the invalid file from static content storage once the file information is read.	Case Management
INC-B597	865829	Corrected reassignment issues for flow with dash in the name	Routing cases or assignments was not working correctly if the flow name contained a dash "-" character. This was a missed use case for SaveAs, and has been corrected.	Case Management
INC-B7407	871129	Corrected reference for child cases in collapseModal function	Creating a child case in a modal window and then deleting or minimizing it before finalizing it caused an incorrect reference to be used for other actions, leading to other child case confirmations being displayed with an unexpected size and placement. To resolve this, an update has been made to set a value for the variable _openCaseOnCreate in collapseModal function.	Case Management
INC-B8440	860653	Link attachment handling updated for Constellation	The save timestamp was modified by the attachURL activity while adding a link as an attachment, causing an error when the timestamp did not match the eTag. To resolve this, a condition has been added to the skip saveAttachment activity in the AttachURL activity if the case is Constellation.	Case Management

24.1.1 Patch Resolved Issues

Ticket #	Issue #	Title	Description	Product Area
INC-B8651	863958	Updated createdBy field handling for bot attachments	When a case was created from an email with an attachment, attempting to check the attachments section showed the file but indicated its status as "Loading..." and the attachment was not accessible. Investigation showed the DX API response for get attachments did not contain createdBy and createdByName for files which were attached by the system/bot. This meant the files were not accessible as the Attachments widget link to download the attachment is based on those two fields. To resolve this, an update has been made to set the createdBy and createdByName fields in the DX API response when the attachments are attached by system/bot.	Case Management
INC-B9875	863568	Ensured duplicate key exception for customized GenerateID	After upgrade, a customized version of the GenerateID activity reused an existing ID and overwrote an existing case. This scenario did not generate a duplicate key exception as expected during the case creation process (AddWork), which was a behavior change from Pega 7. This was traced to a difference in handling for newObject value, and has been resolved by updating the RecalculateAndSave activity to set newObject to true if pzlnskey is not present on the work object.	Case Management
INC-B8226	859446	Updated DDL generation to remove view comments	After creating a custom package and installing it to a higher environment, the DDL for automatic installation did not work in DB2. Investigation showed that if a view is created prefaced with a comment, DB2 will return that comment as well when the view's select query is requested and the export process will include that comment in the metadata. There is a step in the export to check that the select statement includes a "create view as" statement at the beginning, and if it is missing, it is appended. This causes an invalid query as shown in the schema export. This has been resolved by filtering comments out of the view statements.	Cloud Services
INC-B16449	867463	Updated HistoryIndex property handling for migrated cases	After update, emails were not being properly attached if the related case was created before the update. This was an issue with the method used to set the pyHistoryIndex property on the workPage, and has been corrected.	Conversational Channels
INC-B17182	872741	Added explicit websocket close for Robot activities	Robot activities were not being invoked by data pages after a prolonged (several hours) period of working stability. This was traced to the websocket sessions not getting closed properly, causing the connection limit to be reached. This has been resolved with an update to explicitly close the session after the message is received from the message service.	Conversational Channels
INC-B4724	860569	Updated CTI connection handling	A user was intermittently not automatically connected to the Computer Telephony Integration (CTI). This has been resolved with an update to add the element to activesub map if activesubscriptionnew is undefined.	Conversational Channels
INC-B949	858122	ParseReplyMail regex updated	When a plain text email reply matched the regex from ParseReplyMail in the body, the message was truncated unexpectedly from that point. This has been resolved by modifying the regex.	Conversational Channels
INC-A12208	865635	Added null pointer handling for external database table mapping	A runtime error was generated while trying to map PEGA class with view in an external database using a JDBC connection. This was traced to a null pointer exception caused by data.internal.access.mssql.SQLGeneratorMssql.getSchemaName, and has been resolved with an update which handles the null pointer exception and logs an informative error message indicating the absence of the default schema.	Data Integration
INC-A13499	838929	Added condition to prevent incorrect rule creation on Index class	In some scenarios it was possible to create declarative rules on the Index class. This is not an intended usecase, and a condition has been added to prevent this process.	Data Integration

Ticket #	Issue #	Title	Description	Product Area
INC-A13631 INC-A10142	851005 846591	Additional tools added for diagnosing BLOB issues	Additional tools added for diagnosing BLOB issues In order to assist with diagnosing corrupted BLOB issues which are not recoverable with the PegaCBU tool and fixBLOB utility, additional DSS settings have been added to the Pega-Engline ruleset with default value of false: - validateOrphanPageListIndexEncoding: When true, avoid adding orphaned page list indexes which are referred from a page and print DirectStreamEncoderV7SkipTargetedEncoding. - skipTargetedEncoding: when true, skip targeted encoding. Try to re-encode if any exception is encountered during encode process and correct the issue only if the debug logger StorageStreamCommonImplDiagnosis is enabled and the DSS has the value true. Log additional information only when DirectStreamEncoderV7Diagnosis debugger is enabled.	Data Integration
INC-A16756	871238	Added handling for pxUpdateRecord failure during save	Intermittent issues were seen with pxUpdateRecord failure when attempting to update the database table record by using a savable data page, causing cases to need reprocessing. The exception "Job Scheduler [ClaimCreation2] activity [CreateCC] execution marked as failed with message [pxResults (class:" was generated. This was traced to an invalid value for a PageList, and has been resolved by adding a retry mechanism along with a check for property mode before generating an InvalidParameterException.	Data Integration
INC-A19931	862363	Handling added for tenant URLs registered with Microsoft Azure	The Multi-Tenant Hash IDs generated by the Open ID Connect Setup contained wild cards which were disallowed by Microsoft Azure during the URL registration. This has been addressed with an update to remove the '*' and '!' characters from the redirect URL based on the boolean DSS setting "ignoreAsteriskAndBangSymbolInMT".	Data Integration
INC-A21896	860641	Extra logging added for session timeout issues	Additional diagnostic logging has been added to trace changes to the redirectURI in order to investigate issues with session timeout not working and reporting "Redirected too many times".	Data Integration
INC-A22151	865646	Support added for multiple apostrophes in the name fields	If more than 1 apostrophe was given in the First name and Last Name parameters, every subsequent apostrophe after the first was getting converted to "'". This has been resolved by updating pzhandlebars_helpers.js to prevent the ANCI format.	Data Integration
INC-A23729	845172	Dev Studio security updated	Cross-site scripting protections have been updated for Rules and Ruleforms in Dev Studio.	Data Integration
INC-A2376	864231	Passivation handling updated for data page serialization	A very high count of ClassCastException errors were generated in the Pega Diagnostic Center (PDC) when trying to passivate an editable D_GetRequestType data page which has a backlink to an autopopulated property on a read-only datapage. This has been resolved.	Data Integration
INC-A24588 INC-A28040	853647 862884	Corrected clipboard context for append and map	The mapping of a page list was incorrect when placed under a single page. This was traced to an error in the way the clipboard context was being formed in case of append and map to steps, and has been resolved by updating the order in which clipboard context is saved.	Data Integration
INC-A25591	840671	Support added for migrating Oracle optimized index with Primary Key	When upgrading from Pega 7 to Pega Infinity '23, the error message "ORA-00955: name is already used by an existing object" was generated. This can occur when Oracle data pump is used to move the schemas in earlier versions of Oracle 18 or 19, and is caused by parallel threads optimizing the primary key (PK) index while another thread is simultaneously adding the PK index, and has been addressed by adding support for this edge case.	Data Integration
INC-A26110	868318	Corrected extra column label incorrectly shown	A delegated data type was unexpectedly displaying the "Delete" column header label. The delete functionality was correctly not shown. This has been resolved by updating pzrecordEditor to have the same condition for the Delete label as for the Delete icon.	Data Integration
INC-A26215	869993	Handling added for SP Rebuild Indexes on database name with dashes	When databases are named with dashes as per Microsoft Azure recommendations, executing the stored procedure sppr_rebuild_indexes generates the error "Unable to execute sql query: EXECUTE PegaRULES884.sppr_rebuild_indexes 'stats'; com.microsoft.sqlserver.jdbc.SQLServerException: Incorrect syntax near '-' ". This has been resolved with an update to handle the stored procedure execution error when database objects containing dashes '-' in their names are encountered.	Data Integration

24.1.1 Patch Resolved Issues

Ticket #	Issue #	Title	Description	Product Area
INC-A27098	868099	Corrected UI Accessibility_ Filter application with ESC key	When using a table list, clicking on the filter to investigate the required value and hitting ESC to exit resulted in unexpectedly applying the filter as if "Apply filter" had been clicked instead. This was traced to the filter popover passing 'reason' as an empty string in this scenario, and this has been resolved by adding a check.	Data Integration
INC-A2788	811938	Corrected header layout accessibility	JAWS was not reading Heading tags for the Param.ShortDescription value in pzDataTypeKeysAndDescription. This was traced to the ShortDescription being set as a label instead of part of the dynamic layout header, and this has been resolved by modifying the section to include the header with h1 tag.	Data Integration
INC-A28634	865670	Handling added for DateTime transform error	After update, the date was changed by one day while mapping a property of the type Date (in connectREST) into a DateTime. This was traced to the DateTime losing a day during the JSON transform and has been corrected.	Data Integration
INC-B1010	864071	Added catch for notification thread exception	A notification configuration was working in the development and production environments, but was not working in the pre-production environment. Investigation showed there was an uncaught thread exception, and handling has been added to resolve this issue.	Data Integration
INC-B10336	870637	Additional logger added for archival exclusion	Additional logging has been added to assist with diagnosing issues with ABAC security configuration filter conditions which cause classes to be mapped to a different table while running queries using nativeSQL.	Data Integration
INC-B11885	862429	Added handling for system pulse race condition on startup	A newly scaled-up batch node did not pick up new Next Best Action rules. This was traced to a race condition, and has been addressed by reloading the class map into the system pulse module.	Data Integration
INC-B1193	862269	Corrected exception generated when expanding a property	Datapages were not working correctly, causing case creation to fail. This was traced to a ReadOnlyException that was generated when opening a workbook using ReadOnly Datapage, and this has been corrected.	Data Integration
INC-B12438	868450	Updated country codes	In order to meet ISO-3166-1 standards, the following country codes have been added: AX ALA Åland Islands BL BLM Saint Barthélemy CD COD Congo (the Democratic Republic of the) CW CUW Curaçao GG GGY Guernsey IM IMN Isle of Man JE JEY Jersey ME MNE Montenegro MF MAF Saint Martin (French part) PS PSE Palestine, State of The code for Romania was previously incorrectly listed as ROM. This has been updated. RO ROU Romania	Data Integration
INC-B1278	869006	File Listener retry logic updated	File Listener was not moving the file to the error folder as expected after failing to read it three times, but instead was continuing to retry. This has been corrected with an update to properly set the processing status error message so the process continues as configured.	Data Integration
INC-B13217	868313	REST connector socket timeout made consistent	The socket timeout value given on the REST connector rule form was not consistently applied, causing the observed timeout to exceed the configured timeout in certain situations. This was due to the timeout being calculated as a max time between packets, and has been addressed by setting the timeout to be a fixed value.	Data Integration
INC-B13561	868295	DSS added to control descendant class lookups	In some use scenarios, system performance can be severely impacted by thread blockage around ClassMapImpl when there are saves of the Rule-Obj-Class records and Rule-ClassMetadata records linked to the data tables. To address this, the DSS useClassMapForDescendantClasses has been added to allow modifying the behavior of descendant class lookups and use the Classmap in memory instead of the Database. The default for this DSS is false, which directs lookups to use the database.	Data Integration
INC-B14091	872861	Logging added for terminate requestor	Additional logging has been added for the terminate requestor function in order to assist with diagnosing problems where the queue processor becomes stuck with "Ready to process" items.	Data Integration

24.1.1 Patch Resolved Issues

Ticket #	Issue #	Title	Description	Product Area
INC-B14380	864599	Corrected handling for Malaysian date/time	When using the ms_MY locale in an Operator profile, setting the date/time or performing a section refresh generated an error indicating the date/time was not valid. This has been resolved by adding formatting for the values PG (pagi) and PTG (petang) for Malaysian (ms_MY) uses.	Data Integration
INC-B14835	869413	Error handling updated for connections using setClientID	The error "ConnectorException: Couldn't establish connection: Method setClientID not permitted" was generated when attempting to establish a connection using Connect-JMS. This has been resolved with additional handling for setClientID() runtime exceptions.	Data Integration
INC-B15023	870820	Corrected handling for editable list with recursive embedded page list properties	When presenting an editable list in Constellation that was created from a case type with an embedded page list property which itself contained another embedded page list property, accessing the form to edit a parent list entry to add, remove, or modify entries within the child list intermittently caused rows from the child list to disappear. This was traced to the interestPage handling for the modal dialog and has been corrected.	Data Integration
INC-B1548	850875	JavaBeanViewer updated to remove browser invocation	In order to ensure potentially sensitive information is not accessed without authorization, the 'allow invocation from browser' option for rule "RULE-OBJ-ACTIVITY DATA-ADMIN-IS-JAVABEANVIEWER" has been disabled.	Data Integration
INC-B1584	864673	en_PH locale added	The en_PH locale file has been added to support the Philippines.	Data Integration
INC-B16409	869692	Logging added for diagnosing socket timeout issues with S3	An IOException was frequently generated when loading bulk data all at once, leading to corrupted clipboard data and a parsing exception. To assist in diagnostic work, logging has been added to track SocketTimeOut and Connection Time to Live.	Data Integration
INC-B17158	867153	Corrected duplicate data page from API	When using the v2 data_view/{data_view} API, the GetDataPage step was making two copies of the page. This has been corrected.	Data Integration
INC-B1736	866063	Updated Pega Cloud File Storage (PCFS) handling for duplicate attachments	When migrating attachments to Pega Cloud File Storage (PCFS), attempting to move a file with a duplicate name failed. This has been resolved by updating the puploadattachment activity to handle duplicate attachments.	Data Integration
INC-B1756	872607	Updated Purge query handling of clipboard	The purge function was not working as expected. This was traced to queries in one of the steps in the purge activity not being handled correctly Oracle version 19 and passing empty strings as rulesetlisthashes, and has been resolved by improving the Select purge query method of storing the result to clipboard.	Data Integration
INC-B18729 INC-B17679	870906 871569	Diagnostic logging added for PegaArchiver	Additional logging has been added to assist with diagnosing issues around excessive run time for the Archive function.	Data Integration
INC-B19847	871877	Additional logging added for Lake Gen 2 configuration exceptions	Logging has been added to collect the HttpResponse exception generated when attempting to configure a Microsoft Azure Data Lake Gen2 repository.	Data Integration
INC-B20863	871715	RequestorLockException logging updated	The logging level for RequestorLockException has been changed from infoForced to debug.	Data Integration
INC-B3098	855804	Corrected table edit for parameterized datapage	After creating a table view with a read-only data page, adding a column in the edit view and then editing that column in the table resulted in the new value being replaced with the old value after clicking outside the area. Investigation showed that the fetchData function of DataAPI did not have the dataViewParameters parameter when using a table sourced from a parameterized datapage, causing the call to fail and the table to display the old values. This has been corrected.	Data Integration
INC-B3711	858655	Modified flow save functionality	Clicking the save button on any screen in the Quote Flow that had a blank required field was triggering the client side validation even though the flow was not submitted. This has been resolved by modifying the save functionality so the validation error is only triggered if there is an attempt to continue without completing required fields, and saving is permitted at any point in the application process, including the Convert Stage.	Data Integration
INC-B5284	859687	Corrected thread pool not terminating at shutdown	The Pega application was not shutting down gracefully following Apache Tomcat shutdown. This was traced to a thread pool that generated non-daemon threads not closing properly, preventing the JVM from termination. This has been corrected.	Data Integration

24.1.1 Patch Resolved Issues

Ticket #	Issue #	Title	Description	Product Area
INC-B5709	859359	Corrected flow rule edit 'when' logic	The "configure view" button was unexpectedly being offered in Dev Studio after reopening a submitted screen flow, and clicking on it generated the error "Only one modal dialog can be opened at a time". This was traced to an error in the 'when' rule logic for the property panel of assignment pyOutcomes which caused it to become initialized in the flow rule form when it should only be initialized in Case Designer. This has been corrected.	Data Integration
INC-B6098	861337	Corrected validation behavior for append and map to step	When a new data transform was created with save as, an existing validation removed elements if a new child element was added to an append and map to step. This was a missed use case, and has been resolved with an update to the 'when' condition for the JSON data transform appendMapTo validation rule such that all elements remain intact when a new child element is added.	Data Integration
INC-B6471	856973	Updated DateTime control for locale th_TH	When using the DateTime control for the th_TH (Thai) locale, attempting to select 29/9/2567 (2024) resulted in the correct property in the clipboard value after Save, but the UI displayed 28/02/2567 instead of 29/02/2567. This has been resolved by updating pzpega_ui_formatDateTime to improve the calculation of isThaiSolarAndLeapYear and also consider 28th Feb and 1st March.	Data Integration
INC-B6802 INC-B19202	866913 872004	Corrected AccessGroupSwitch handling	Attempting to open a case belonging to another application without manually switching to the application generated a Login screen and the case was not opened. This has been resolved by updating the handling for the application switch cookie paths.	Data Integration
INC-B6997 INC-B11585	858319 861417	Correction for en_ZA currency separator	When using the "en_ZA" locale with boolean properties mapped to currency control on screen, the decimal separator ",", was displayed as "." at runtime, and refreshing the screen increased the value by adding a zero. This was traced to the java 8 version picking up "." instead of "," even though the platform engine layer was using ",". Due to this inconsistency the additional zero was added for every refresh. This has been resolved by updating the handling for the en_ZA currency conversion issue in JDK 8.	Data Integration
INC-B730	864822	Corrected code for dynamic operator time zone	After configuring a date control in a grid, attempting to change the operator timezone resulted in the values appearing in the filter in GMT format. This has been resolved by updating the code for Central European Standard Time (CEST) to be Central European Time (CET) as CEST represents Summer Time (Daylight Time).	Data Integration
INC-B753	856087	Datefield maintained correctly during XML parsing	reverted?'0101' was appended to the date field while importing an XML file, making the datefield invalid. Investigation showed this was caused by the Apply-Parse-XML step being called on the same page multiple times, and occurred when multiple files were uploaded and processed at the same time. The issue was not seen when the Parse XML rule was run alone. This has been resolved with an update to ensure the correct parsing.	Data Integration
INC-B7715	859124	Accessibility corrected for using enter key to edit table	When a keyboard user navigated to a row in a delegated table and hit the enter key to edit the inputs, a new line was created instead. This has been resolved by modifying the section in such a way that pressing the enter key will edit the existing record rather than creating a new row.	Data Integration
INC-B791	864556	Updated Archived-shared records handling	Cases in Archived-Shared status were not being cleared from the pr_metadata table, increasing the table size. Investigation showed that when using the pxLinkAttachmentToCase activity, attachments were only marked as Archived-Shared status when they occurred in the same batch. This led to marking the shared attachments as regular attachments when they were not part of same batch while running the archival jobs, and caused the shared attachment to only be accessed by the case that was archived, leaving the unarchived case not able to access it. This was a missed usecase, and has been resolved.	Data Integration
INC-B7923 INC-B2525	860267 857095	Corrected authentication request at startup	After update, the error "Only authenticated client may start this activity: RULE-OBJ-ACTIVITY @BASECLASS PZGETALLCHANNELS" appeared at startup. This was caused by an unneeded attempt to authenticate and has been resolved.	Data Integration

24.1.1 Patch Resolved Issues

Ticket #	Issue #	Title	Description	Product Area
INC-B8067	871688	Corrected handling for generating nested JSON elements	When using a data transform to create a REST connector in clipboard and subsequently transform it into a JSON text for Amend to Map, the JSON data transform did not work in cases where the clipboard structure was more complex (for example a pagelist containing a page list). This has been resolved by updating the logic of the mapping order of elements between clipboard and JSON.	Data Integration
INC-B9025	870966	CreateConnection correctly passes JNDI credentials	Connection issues were seen when authentication was enabled on the JMS broker side and JNDI credentials mentioned in the JNDI server rule form were not being passed as expected. This has been corrected by updating the activities called in the JMS explorer functionality.	Data Integration
INC-A19934	833082	DecisionTable made consistent after eligibility column removed from optimized strategy	After an entire column of a decision table referenced in an eligibility condition was removed because the validation was no longer required, the globally optimized strategy was not returning offers and behaved inconsistently. Investigation showed that Trigger_NBA_TopLevel had the correct results, however GOS_TOP_Level had results only in Normal execution results and not in Optimized execution. While there was a workaround of restoring the deleted column, an update has been made for the DecisionTable to take "Primary" from the calling Strategy to correct this issue.	Decsion Management
INC-A20027	868327	Predictive model monitoring updated	Campaign runs were failing, indicating issues utilizing data from predictive models. This was traced to issues in retrieving data from the clipboard, and has been addressed with an update to gather the required properties at design time instead of runtime and by refactoring predictive model monitoring to use the static data.	Decsion Management
INC-A24708	859853	Updated partition handling to resolve thread contention	A contention lock was occurring in the Postgres database after a campaign run in the second wait dataflow. This has been addressed by improving the partitions assignment mechanism including shuffling.	Decsion Management
INC-A25749	840886	Performance improvements for Value Finder	Very large runs of Value Finder were becoming stuck, generating errors, and causing the dataflow heap to be overwhelmed. To address this, updates have been made to improve the performance and memory requirements of the Value Finder activity including reducing the number of columns for customer group discovery, improvements to core group discovery algorithm, decoupling stage statistics and customer group discovery, down-sampling for customer group discovery, and minor improvements to the Value Finder simulation post-processing activity.	Decsion Management
INC-A28311	858457	Bind markers correctly used for TTL	When the time to live (TTL) was configured through a property, the related prepared statement issued by the Decision Data Store (DDS) dataset was not using bind markers and specified the actual TTL value in the statement. This caused unnecessary duplicate prepared statements in Cassandra and led to performance issues. This has been resolved by updating the Decision Data Store software development kit to a version that corrected bind markers used for TTLs.	Decsion Management
INC-A29620	849932	Updated Interaction History error logging to assist debugging	The Decision Funnel simulation returned empty reports. Investigation showed that the data flow used to synchronize simulation data to the database was failing due to an incorrect Interaction History (IH) configuration. When the IH configuration contained duplicated entries, the Visual Business Director (VBD) browse failed with a cryptic stack trace. To resolve this, the IH Data Transform configuration problem will be properly logged so the Decision Funnel VBD -> database synchronization data flow is evident and can be restarted if needed.	Decsion Management

24.1.1 Patch Resolved Issues

Ticket #	Issue #	Title	Description	Product Area
INC-B11219 INC-B15312 INC-B18598 INC-B18714	861555 864948 870267 870245	Decision simulation batch size made configurable	<p>Data migration was failing at the export phase while processing the pyRemoveDuplicatesFromSimulationDataSet data flow run. This was traced to a Cassandra read and write timeout exception, and has been resolved by adding a batchable feature to the data set with size configured with a prconfig setting.</p> <p>Create the below DSS only on Production:</p> <ul style="list-style-type: none"> * Owning ruleset: Pega-DecisionSimulation - Setting name: simulation/datamigration/inboundsample/deduplication/batchsize - Setting value: 50 * Owning ruleset: Pega-DecisionSimulation - Setting name: simulation/datamigration/inboundsample/deduplication/requestors - Setting value: 1 <p>Create the below DSS on both Production and BOE:</p> <ul style="list-style-type: none"> * Owning ruleset: Pega-DecisionSimulation - Setting name: simulation/datamigration/inboundsample/requestors - Setting value: 3 * Owning ruleset: Pega-Engine - Setting name: prconfig/dnode/dds_partitioner_class/default - Setting value: com.pegasys.dsm.dnode.impl.dataset.cassandra.TokenRangePartitioner * Owning ruleset: Pega-Engine - Setting name: prconfig/dnode/cassandra_use_extended_token_aware_policy/default - Setting value: true 	Decsion Management
INC-B12153	868801	Corrected and improved GOS report generation	<p>Attempting to download the globally optimized strategies (GOS) report was not working. This has been resolved with an update to ignore startDate and endDate when pyIsPropositionActive is not Date, show a better error message when a SSA doesn't have a direct component, and generate the GOS report faster.</p>	Decsion Management
INC-B13604	864413	Improved validation logic for revisions	<p>Clicking on "Current Revision" from the Revisions Management landing page caused an extremely large requestor clipboard page of over 2.7GB to load, leading to performance and memory issues. The size of this page was a result of the system handling more than 200 ChangeSet requests in one revision along with detailing the validation checks for 8500 rules. This validation check is no longer needed due to current handling processes for the change requests, and has been removed to improve performance and the clipboard page size. In addition, pagination logic has been added for displaying the change requests in a revision.</p>	Decsion Management
INC-B13759	866437	Corrected handling for click of Operator image	<p>After creating a case and routing it to a work queue, clicking on the operator image refreshed the case and no content was displayed on the UI. This was an unintended side effect of work done to correct an accessibility issue with the operator icon, and has been resolved by updating the div tag handling for role="img", tabindex="0" in the pxInitials control.</p>	Decsion Management
INC-B14031	863716	Corrected event strategy logic for HandleResponses	<p>After update, the pxHandleResponses dataflow was generating a different number of output properties in its event strategies. Investigation traced this to the updated configuration of the pxWaitForResponses and pxWaitForResponseExpiry strategies; the addition of the new property pyOutcomeWeight had the unexpected result of clearing the state of the pxHandleResponses data flow run, where both Event Strategies are used. This has been resolved by correcting the event strategy logic to add the property while preserving the data for pxWaitForResponses and pxWaitForResponseExpiry.</p>	Decsion Management
INC-B14451	866705	Corrected ADM snapshot truncation	<p>The data import case in Data Migration was failing with a "Rule not found" error. An audit trail showed there was a failure in the ADM datamart table truncation prior to ADM data import; this has been resolved with an update to only truncate the ADM snapshot data if ADM import is enabled.</p>	Decsion Management

24.1.1 Patch Resolved Issues

Ticket #	Issue #	Title	Description	Product Area
INC-B1476	857423	Instruction text rendered in a Questionnaire page	After developing a Questionnaire with some introduction text on each page, the introduction was not shown when running the Questionnaire. This was due to difference in handling for the Question page in Constellation, and has been resolved by adding a new parameter to the pzQuestionPageScr flow and setting it when saving the Questionnaire case type so the introduction text is included.	Decsion Management
INC-B14837	868054	Scenario Planner displays top N for Projected Reach	Scenario Planner was displaying only the top 1 for Projected Reach, causing the Scenario Planner simulations to be off when inbound slots have multiple offers per slot, not just the top 1 in rank. This has been resolved with an update to ensure the top N actions are considered for Scenario Planner.	Decsion Management
INC-B15053	864771	Updated logic for ADM case resolution	When there were multiple Adaptive Decision Manager (ADM)-based predictions in a case type, some decisions made by predictions were missed when the cases were resolved. Investigation showed that during case resolution, the make decision and set response call were concurrent and could result in some data loss. This has been resolved by changing this to sequential queue processing.	Decsion Management
INC-B15096	872133	Batch sizing made available for Cassandra queries	When a Decision Data Store (DDS) dataset BrowseAllRecordsOperation was executed there was no method to pass the batch size to use for the Cassandra page size. This caused the default datastax driver page size of 5000 to be used in queries, potentially leading to out of memory conditions for datasets with large records. To address this, the feature class BatchableFeature has been added to the data flow for BrowseAllRecordsOperation to allow limiting the number of records received by each Cassandra query per dataflow run.	Decsion Management
INC-B15704 INC-B18598 INC-B20996	865576 870175 871633	Truncate operation improvements	In order to support a variety of different database engines and avoid truncation failures of the pyADMFactory data set during the data migration import process, the implementation of the truncate function has been updated to better handle external and internal tables and tables mapped to more than one class.	Decsion Management
INC-B15792	872386	Updated handling for Customer/DSM aliases	If the strategy changed the alias Customer to a Decision Strategy Manager (DSM) page and tracked the original Customer page for resetting later, during the enrichment of aliases, if Customer was included, it was reassigned to a DSM page and the previous page (now the DSM page set in step 1) is tracked again. As a result, the oldAliases list contained both the original Customer page and the DSM page from the initial change. When resetting the aliases, Customer remained associated with the DSM page from step 1. Consequently, this alias was visible to the parent activity, leading it to incorrectly use the DSM page for Customer instead of the intended original page. To address this, the reset order has been reversed to the alias order to ensure the correct page on the final reset.	Decsion Management
INC-B16495	867488	ADMPredictorsFilter limit increased	Model predictors were not properly populated in the predictors monitoring screen. This was due to the limitations in the pyADMPredictorsFilter Report definition which was set to retrieve a maximum of 500 records at a time. To resolve this, the limit for maximum records to retrieve in pyADMPredictorsFilter has been increased to 99999999.	Decsion Management
INC-B17441	868570	Resolved permission error in pyProcessCaseEvents	The queue processor encountered report definition permission issues related to process AI calling a Strategy, resulting in an exception while invoking the Interaction History summary top-up queries. This was related to the handling of the complex field type used by the context page copy that is sent as an input page to the prediction strategy, and has been resolved with the addition of an extensible 'when' rule to allow skipping the desired properties while executing prediction.	Decsion Management
INC-B17807	870558	Corrected file data set Preview file filter	In any file type data set, selecting Preview File next to the export showed a different file than the one expected. This was traced to Preview in the file data set picking the first file in data set directory even if it did not match the file pattern, and has been resolved with an update to correctly filter out files not matching the pattern even if they are in the same directory.	Decsion Management

24.1.1 Patch Resolved Issues

Ticket #	Issue #	Title	Description	Product Area
INC-B17974 INC-B21582	871406 872100	Corrected button access for decision revision management	Attempting to remove treatment attributes from Action Decision Data was not working due to an incorrect state for Add field and other buttons in the form tab of the decision data rule. This has been corrected.	Decsion Management
INC-B20239	872836	MVEL library deprecated and replaced for PropositionFitler explain mode and simulation mode	Simulation runs were not returning counts in CDHSample even though the counts were populated as expected if the proposition filter was run individually. This has been resolved by replacing the MVEL library with a simple expression evaluator for PropositionFitler explain mode and simulation mode. As part of this work, the DecisionDataExpressionEvaluator class has been deprecated and will be removed in a future release. This class uses MVEL library and is only used in PropositionFilterTemplate Rule-Utility-Functions.	Decsion Management
INC-B20390	872536	Updated handling for recursive Prediction references	Page type predictor values were not being displayed on the prediction widget. This was traced to a configuration where Prediction execution could result in infinite recursion for complex data structures if case reference and data reference properties referred to case and data classes containing case predictions. This has been resolved with an update which sets the useOptimized flag to false so that prediction execution considers Clipboard page and not just DSMClipboard page.	Decsion Management
INC-B21171	871484	Session and message usage metrics enabled	CDH Session and message usage metrics were not enabled in any environment. This was traced to the channel name or application name being created with the character '-'. While doing context switch, the App name was captured and a Page Group created with Subscript as the name of Application. This caused the app name to be "-", which caused the issue to the form page group. To resolve this, an update has been made to strip special characters from the string.	Decsion Management
INC-B2228	872187	Decision Funnel query activities log proper stack trace	In order to improve debugging, Decision Funnel query activities have been updated to allow logging a stack trace.	Decsion Management
INC-B4317	860364	Updated visibility condition for Pulse	In a configuration where internal Pulse and external Pulse messages are displayed separately, if a case was kept open by a user who needed access to only external comments and another user worked on the case in parallel and typed in internal comments, those internal comments were visible to external users. To resolve this, the pyCanPublishC11nMessage 'when' condition has been added in the pzPublishC11nMessage declare trigger rule, and should be set as .pylsPrivate != true.	Decsion Management
INC-B5879	861176	Made DDS availability datacenter-aware	The Data Distribution Service (DDS) SDK version has been updated to enable DDS availability check being datacenter-aware.	Decsion Management
INC-B6548	857384	IH Summaries made resilient to Stream C2K migration	In some cases following C2K migration of Managed Streaming for Apache Kafka (MSK) to the Instaclustr environment, Kafka offsets were being reset to 0. As Stream-based Interaction History summaries and event strategies rely on source offset, this may lead to records being incorrectly ignored after Kafka migration. To resolve this, special handling has been introduced to summaries and event strategies that detects Kafka change to ensure records are correctly processed after the migration.	Decsion Management
INC-B6752	857773	Updated handling for Decision Data Store table consistency level	After changing the Decision Data Store table consistency level to Strong, the dataset operation started failing after restart with the exception "InconsistentTableSchemaException: Table with different schema is already registered in [data] table group". Investigation showed that when instantiating the DDS data set, the consistency level of the table was retrieved from the schema repository if the table was already registered. To resolve this, an update has been made to use the consistency level from the Data-Admin-DDS-Table record instead of a default value if the table schema is already registered for use.	Decsion Management
INC-B7423	863672	Updated handling for reading files from S3 repository	When attempting to read files from a custom S3 repository, the directory was visible but it was not possible to list subdirectories or read the files. This was traced to an issue with access to view files that were created or uploaded by other operators, and has been resolved with an update to the file data set to work with non-explicitly created directories.	Decsion Management

Ticket #	Issue #	Title	Description	Product Area
INC-B7952 INC-B9183 INC-B9606	858479 863013 868670	DSS added to control data flows for Data migration pipeline	Data migration processes running in parallel with all data flow runs triggered at once can take some time to complete with high volumes of data (customer samples or interaction history) and may fail with out of memory errors. One way to pace resource utilization is to sequentially run the individual data flows involved in data migration. To that end, the DSS dataMigration/numberOfConcurrentRuns has been made available to set the number of threads per data flow when the migration pipeline is running. Further work is planned for a future release to improve, simplify and stabilize the data migration pipeline.	Decision Management
INC-B8811	865039	Improved backwards compatibility for GOS	While trying to create a globally optimized strategy (GOS), providing the top level strategy and then trying to save the rule generated the error "Optimization failed to parse ".RecoPilotFlag!=Y" using IL parser because the type CHARACTER is not supported in this context." The type CHARACTER has been deprecated but is still used. In order to support this usecase and maximize backwards compatibility, an update has been made to convert CHARACTER to a string value whenever possible so the GOS will run.	Decision Management
INC-B8855 INC-B12414	860354 863028	Adaptive Decision Manager (ADM) configuration updates	In order to improve Adaptive Decision Manager (ADM) model migration, updates have been made to batch size, thread count, and partitioning. - Batch size on the ADM Migration data flow has now by default been set to 5 - This batch size is also configurable through the DSS 'decision/adm/service/migration/batchSize' if required - pyADMFactory data set now has a partitioning key defined which will allow the export data flow to run across the tier (as opposed to only on one node)	Decision Management
INC-B9208	862280	Security updated for edited Pulse messages	Cross-site scripting protections have been updated for editing Pulse messages.	Decision Management
INC-A24726	843942	Application Wizard security updated	Cross-site scripting protections have been updated for the Application Wizard.	Low-Code App Development
INC-A25634	868713	RecordAPI logging added	Additional diagnostic logging has been added to track context and decisions made for the RecordAPI.	Low-Code App Development
INC-A30185	850455	Updated handling for masked PII data	After creating a Connect Generative AI rule type with a Mask Sensitive data filter to mask any identified PII data in the user prompt, the response data did not unmask the PII as expected. This has been corrected.	Low-Code App Development
INC-B11364	868334	Function pxIsInListOfValues updated for improved backwards compatibility	After update, a function which previously evaluated to true when certain values were empty changed behavior to evaluate to false under the same condition. This discrepancy stems from a change from the previous regex method for splitting the listofValues to using Apache Commons CSVParser logic. In this particular scenario, this update changed the behavior of the function @pxIsInListOfValues() thereby causing the when rule to return false and thus all the offers were filtered out by one of the proposition filters that used this when rule. In order to support backwards compatibility, an update has been made which will return true when listofValues is empty and value is blank.	Low-Code App Development
INC-B11552	864328	Extension added for custom triage class	After update, the SLA was not being applied to a custom class used for email-based triage cases. Investigation showed the OpenAndLockWork step was failing, causing the process to exit the Establishcontext activity and preventing the ProcessEvent activity from running. To handle this use case, the extension pyCheckAndMigrateInteractionCases_Ext has been added to set the objclass of the email triage case; this defaults to "Work-Channel-Triage" and can be modified as needed.	Low-Code App Development
INC-B12444	864835	Corrected chat transcript migration for authenticated events	After update, chat transcripts for older cases were not visible. This has been resolved by updating the migration mechanism used by pyHistory for outbound authenticated events.	Low-Code App Development
INC-B13711	863550	Corrected issue with cases license category	The classification of the cases to Dispatch disappeared from the PowerBI dashboard and cases appeared to be wrongly classified as Execution. This was traced to an issue with the cases license category and has been resolved.	Low-Code App Development

Ticket #	Issue #	Title	Description	Product Area
INC-B15287	868503	Corrected two pyEmails created on OEML cases	After creating a case and sending an email to a customer, the customer reply on the same thread created another pyEmail on OEML correspondence case. This was a missed usecase for "New outbound email" and has been resolved with an update to pzCreateInteractionReply.	Low-Code App Development
INC-B16631	869695	Corrected truncated error message text display on hover	When using the Expression Builder and there is an error on the test, the error message was truncated and the full text was not visible on hover as expected. This was traced to an error in the pzEllipsis control, and has been resolved.	Low-Code App Development
INC-B19826	872415	Corrected date format issue in Configuration Sets	A configuration type "Date only" used as part of a configuration set was not updated when changed in the Admin landing page. If the default locale was deleted then the change to the date control was recognized. This has been resolved by updating the data transform Pega-Configuration.pzPreAdministrationSave to consider locale while copying the value.	Low-Code App Development
INC-B20714	872616	docx4j library updated	Values were not populating in a Microsoft Word template using Pega property references, and opening a document created from a Word Template with Pega property references generated a popup with the message "Word found unreadable content in <File Name>. Do you want to recover the contents of this document? If you trust the source of this document, click yes". This has been resolved by updating the docx4j library.	Low-Code App Development
INC-B335	861884	Corrected branch development handling for Production rulesets	After adding a production ruleset to the application definition and access group, a test branch was created and then all rulesets were locked. It is expected that the branch will only be for the top ruleset of the current application, but in this scenario branches were created even for the Production rulesets. When branch development was enabled through the Branch Development Toggle icon on the top right corner of the screen, the Production ruleset was being populated as default. Attempting to change that to some other value reverted back to the Production ruleset value. This is incorrect behavior as Production rulesets should not appear in the list. These issues have been corrected.	Low-Code App Development
INC-B3467	855565	Security updated for showGrid	Cross-site scripting protections have been updated for showGrid.	Low-Code App Development
INC-B3573	857915	Improved backwards compatibility for decision tables	After upgrading Pega 7 to Pega 8, a null pointer exception occurred when evaluating a decision table. This was traced to the engine rule classes expecting the parameter page in a different format, and has been resolved by updating the @Utilities.pxEvaluateDecisionTable() function to add a new parameter page with the existing data and call the rule engine file for the data transform execution.	Low-Code App Development
INC-B6162	856162	DSS added for AllowMissingProperties functionality	A goal seek error occurred after update when using the Property-Map-DecisionTable method when the AllowMissingProperties option was not checked. This was due to the system looking for the property referenced in the decision table and returning false. Beginning with Pega 8, allowMissingProperties must be checked to handle any missing properties in the decision table. This is a change in behavior from Pega 7 where the functionality worked even though AllowMissingProperties was not checked. For better backwards compatibility, the DSS "DecisionTable/ObtainValue/AllowMissingProperties" has been added in the PEGA-RULES ruleset. When true, this DSS will have the same effect as having AllowMissingProperties checked.	Low-Code App Development
INC-B6698	858695	CheckFieldSecurity updated to handle custom Transfer Assignment	After update, a Transfer Assignment local action for transferring an assignment to an operator or a workqueue was no longer working and the error "One or more inputs are invalid" was generated. This was traced to work done as part of the page instruction field security which was failing in this use case due to the added pyAssignment page properties on the content copy page, and has been resolved by updating the logic for the pzCheckFieldSecurity activity.	Low-Code App Development

24.1.1 Patch Resolved Issues

Ticket #	Issue #	Title	Description	Product Area
INC-B7822	860121	Code added to break infinite loop related to AssignedToMyStaff	Agents were getting stuck suddenly. Investigation showed that this was due to pxAssignedToMyStaff, which when called while listing operators reporting to the current operator can cause long running interaction including a scenario where a manager reported to themselves, generating an infinite loop. This has been resolved with an update which will break the loop if a manager reports to themselves or if there is a recursion in the team structure.	Low-Code App Development
INC-B8351	862182	Appstudio overview screen color contrast improved	The background color for the Appstudio overview screen has been updated in the pz-app-dashboard CSS file for improved accessibility.	Low-Code App Development
INC-B9321	859619	Support added for custom assignment name with TaskLabel	After update, a configuration of the Assign-Worklist Data Transform that used pxTaskLabel to set a custom value for the assignment name and override the one set in the flow process for the assignment shape was no longer working. This was due to changes in the system to use pxFlow from work to fill Assignments details in the response. To resolve this, the pzSetAssignmentsList activity has been modified to use assignment page pxTaskLabel if it is not null, and otherwise use pyWorkPage.pxFlow().pyLastFlowStepLabel.	Low-Code App Development
INC-A21383	835391	Updated logging for invalid case types	The presence of a bad/missing case type causes an error to happen in case-related processing logic. This error is caught but a bad step status was still set with the "Failed to find a 'RULE-OBJ-CASETYPE' message, and this message was not being logged. This has been addressed with an update so that Validation for Applications flags invalid case types. The runtime case logic will gracefully handle the error situation and clearly notify the application owner of the problem.	Mobile
INC-B12407	870536	Corrected multiselect display for iOS	The multiselect list was not working as expected on iOS. Investigation showed the calculation for height and top position in mobile were not correct when mobile height is small and the results were shown in a specific fullScreen scroll container. This has been resolved with an update to fix the gap and input visibility issues of multiselect and autocomplete in this scenario.	Mobile
INC-B12458	862126	createPDF action updated for QR codes in offline mobile	Preview was not working for offline mobile when a QR code was included in the PDF. This has been resolved by adding base64 image field support for the PDF generator in Client for Windows.	Mobile
INC-B1391	861449	Offline mobile app skips pre-processing	Pagelist contents were not stored to the Pega server when using an offline mobile app even after synchronization. This was a missed use case for not needing to perform pre-processing activities configured in the flow action when the assignment is submitted from an offline mobile client, and has been resolved by modifying the offline mobile app code to send an extra boolean parameter "skipPreProcessing" as true. This parameter works with the added 'when' condition to skip the pre-processing flow when the assignment submit action is performed from the offline mobile application.	Mobile
INC-B19829 INC-B19548	869914 869096	ZIP files correctly packaged for offline mobile	ZIP files were not correctly packaged as BINARY when using offline mobile. This has been resolved by adding zip and bin extensions to the binary files list.	Mobile
INC-B2102	865630	Generic error message in offline mobile now translated	The "PleaseCorrectErrors" field value was not correctly resolved in the offline application. This was traced to a missing field value definition in the offline packaging configuration, which has now been resolved.	Mobile
INC-B9657	863580	Updated handling for autocomplete cancel button in mobile	When using an autocomplete control in a mobile screen with full screen enabled, navigating to the autocomplete, clicking on it to launch it in full screen, and clicking cancel without entering any characters did not close the autocomplete as expected and the screen froze. This was traced to a javascript error caused by the system expecting a popup from the autocomplete which was not generated, and has been resolved.	Mobile
INC-A30085	854709	Get next work supports fetching cases from multiple application	The documentation regarding the logic for selecting the next work assignment has been updated to clarify that the Get Next Work functionality retrieves assignments from all the applications to which the user has access.	Project Delivery

Ticket #	Issue #	Title	Description	Product Area
INC-B5790	860628	Local Actions in offline mode documentation updated	The documentation for Local Actions in offline mode has been updated to make special note of the need to define the Flow Action Rule on the same class as the Case Type. If the Flow Action Rule is defined on a different class, the Offline Processing Engine cannot find the rule at runtime.	Project Delivery
INC-B9218	867658	Clarification for keyboard shortcuts instruction	The Text Editor keyboard shortcuts instruction in Knowledge Management article creation has been updated to clarify that "use keyboard shortcuts Alt+F10" applies only when inside the Rich Text Editor body.	Project Delivery
INC-269550	801431	Resolved UserDashboardContainer not displaying correctly	When using an AJAX container and navigating to other tabs while inactive, the screen/sections were showing blank or not rendering as expected. This was an issue related to using positioning absolute for the section, and has been resolved by modifying the py-dashboard-personalization CSS to remove position absolute and adjust the column-2 position.	Reporting
INC-A11826	825228	Corrected datatype for Report Definition datetime	It was not working to specify a symbolic condition such as [Today] for a datetime property in a report definition [Date and Time] interval. This was caused by the datatype being saved as "DATE TIME" instead of "Date Time" when created from UserPortal, and has been resolved by updating the pzGetSelectedValues Activity to correct the datatype.	Reporting
INC-A15578	827993	Corrected button visibility for inline custom filter section	When using a report definition with an inline custom filter section, performing a refresh caused the inline section's apply and clear buttons to disappear. This has been resolved by removing a second visibility condition on the dynamic layout in the pyDefaultCustomFilterApplyCancel section.	Reporting
INC-A21986	859195	Corrected security registration for Report Next Page	Report Next Page was not working when clicked. This has been resolved by registering pzdoGridAction in the pzBACActivityRegistration section.	Reporting
INC-A22659 INC-B7687	835684 858568	CountOfCases activity added to collect secondary storage statistics	The pyCountOfCases activity has been added to the Work- class of the Pega search executor to count distinct instances for archival and live data.	Reporting
INC-A24184	860831	Custom search with pagelist functions with SRS	After migrating to the Search and Reporting Service (SRS) from Elastic search, the old implementation of a custom search was no longer working. This has been resolved by adding the DSS "enableOrInFilterValue" to control processing OR in the search filter value.	Reporting
INC-A26127	852924	Adjusted handling for archival purging	Running the ArchivalUsingPipeline process to archive data to secondary storage was generating the error "Exception occurred during purge attempt for live indexes" in the purging phase of Archival. When an case type hierarchy has parent case type and child case types, the search and reporting setting for a child case type in the case type rule is disabled. Due to this, the purger phase in the case archival job was failing when it tried to delete an index on the work class of child case type which did not exist. To resolve this, an error filter has been applied to ignore the error code ERR_INVALID_ENTITY_NAME from the deleteIndexes search API.	Reporting
INC-A4701	823045	Updated logic for embedded search	Embedded search was not working for ABAC(one of + Page group). This was traced to the open-work-by-handle failing the Access Control Policy, and has been resolved.	Reporting
INC-A7619	865636	Added null pointer check for IncremenatIndexer	Search index was not working and items were moved to the broken items queue due to null pointer exceptions seen in the pyFTSIncremenatIndexer queue processor. This has been resolved by adding a null check to the RemovePOIFiles method to avoid exceptions during delete.	Reporting
INC-B10322	867029	Handling added for embedded properties in a sub-report	After update, reports containing a specific sub-report could not be saved and an error was generated related to two columns present in the sub-report. Investigation showed the Propinfo had a null value, and this has been resolved by adding logic to handle embedded properties and validate them.	Reporting
INC-B10344	861727	Correct column name shown when exporting Grouped results	An incorrect column name was being shown when exporting Grouped results to Excel. To resolve this, if a column is 'Grouped by' and is a column in the table, export to Excel will ignore the column in the table so its header label should not appear and cause misalignment.	Reporting

24.1.1 Patch Resolved Issues

Ticket #	Issue #	Title	Description	Product Area
INC-B10398	861474	Resolved unregistered Report Explorer request	A 403 error was displayed when clicking on select values for datetime properties in Report Explorer when pyblockunregisteredrequests is true. This has been resolved by registering pzGetCustomPropsForTreeGrid in pzBACActivityRegistration.	Reporting
INC-B10661	861213	DSS added for indexing timeout to prevent node restart	It was possible for a bulk reindexing process on a class with millions of records to time out and cause a node to be marked as unhealthy and be restarted. Because processing was not completed, the utility nodes would attempt to reprocess the same items and the duplicate entries in the pySASBatchIndexProcessor queue could cause the stream service's disk space to become full. To address this, the DSS indexer/srs/bulkGenerationTimeoutInSeconds has been created to set the timeout for bulk generation. If it will take longer then the limit, then bulk generation will be stopped with an error. With the timeout, nodes will not be marked as unhealthy and termination will not occur. The type of error will identify the need to use the DSS indexer/srs/partitioningConfiguration to make indexing possible.	Reporting
INC-B10861	865685	Improved security for DisplayReport	Cross-site scripting protections have been updated for the DisplayReport activity.	Reporting
INC-B12870	868133	When condition updated for Live UI button	After update, the Live UI button was being populated in reports for end users. This has been resolved by updating the when condition of pyEnableUIInspector in code-Pega-list.	Reporting
INC-B13389	864586	Report name with special characters displays correctly	After update, a report name containing special characters showed the ASCII values in the tab names. This has been resolved by updating the RDWinTitle control.	Reporting
INC-B17668	867689	Support added for disabling SRS Incremental Indexing before migration	In order to improve the process of migrating to externalized search, an update has been made which will disable the Search and Reporting Service (SRS) incremental indexer when SearchCapability.SRS_ALLOW_INCREMENTAL_INDEXER is not activated. This capability should be deactivated only in the following scenarios: 1) environments with SRS and the migration in the state 'Ready'; and 2) environments without SRS.	Reporting
INC-B18313	872431	Restored date format for report prompt filter	After upgrade, the date format in the report prompt filter was displayed as a timestamp value such as '20240609T045800.000 GMT' instead of the previous format of 'June 9, 2024'. This was traced to an incorrect behavior in pzResolveCopyFilters for DateTime and has been corrected.	Reporting
INC-B23105	872628	GetPropsForTreeGrid registered with BAC	A 403 Forbidden error generated by the Report browser has been resolved by registering pzGetPropsForTreeGrid in pzBACActivityRegistration.	Reporting
INC-B3603	859201	Worklist Counts enabled for non-Theme Cosmos applications	Worklist Counts were not updating on the Dashboard. This was due to a property which pointed to a Theme Cosmos Declare Expression that was not in the ruleset stack for UI-Kit, and has been resolved by creating a WorklistOpenCount Declare expression which is accessible for non-Theme Cosmos applications.	Reporting
INC-B4697	866586	Copy/Move Report Definition Shortcut behavior updated	When trying to copy a report shortcut to the same category of the Report Browser, the error message "Category name: This report shortcut already exists in this category. Please select a different category." was displayed. However, in the backend, the report shortcut was created in open rule set version and deleted from the existing locked rule set version. Investigation confirmed that for Copy to Same Category, the error was shown but it still created a new record in an open available ruleset and deleted the original one. For Move to Same Category, no error was shown but a new record was created and the old one was deleted. To resolve this, for Copy to Same Category, an error will be generated and the new record will not be created. For Move to Same Category, an error will be generated and the record will not be created. A check has been added to ensure that pxCreateRecord should happen only when the Category is not the same.	Reporting
INC-B5040	860477	Corrected Search for 'show results in new window'	When using the search bar in PQM, the "Show results in a new window" function opened a new window opens but returned results unrelated to the search. For example, searching for COM-24172948 returned "1000 results found for 'COM24172948'" and the results were follow up cases instead of the actual complaint record. This has been resolved by updating the preferences from Searchtext to Searchstring for 'Show results in new window'.	Reporting

Ticket #	Issue #	Title	Description	Product Area
INC-B7368	861677	Max records override for Export to Excel	Exporting to Excel from an Insight was capped at 5000 records for export. To address this, an update has been made to override max records in pzUpdateSystemSettings in case of export to Excel.	Reporting
INC-B7958	865464	Corrected distortion while scrolling fixed header alignments	When the "Do not scroll header" checkbox was enabled, the report column headers were becoming jumbled at run time. This has been resolved by updating pzPega_ui_grid.js and adding the necessary CSS for a fixed header to pyReportEditorStyling.	Reporting
INC-B9236	859658	Performance improved for SQLParser class	The SQL auto parser has been updated to decrease performance impact during report definition execution.	Reporting
INC-B9677	867354	Bix CSV extract files for child cases include headers	When the "-c" option for BIX was used in Pega Cloud to include child case data in the CSV extracts, the child extracts were produced in files separate from the parent cases and contained only the data lines while the parent extract also included the column headers. This has been resolved by adding the necessary support for the headers to be included in the child data file.	Reporting
INC-B9729	869268	Updated empty value handling for validation of custom filters in reports	In some specific scenarios when the validation failed for a report with filters in a custom section using multiselect controls, the system displayed a Pega internal error screen instead of displaying the expected error message and a java error was logged. Investigation showed the Filter Operation in pyContent of the pzValidateCustomFilterSection had the value IS NULL at the initial point of the report definition, and this was carried over into the later process. This has been resolved with an update to pass the value as = instead of IS NULL to match the filters in the pyBody of the RD.	Reporting
INC-A24541	866155	Updated handling for custom browser CSP	After introducing a separate application for handling the unauthenticated browser context (requester type Browser) with a very strict Content Security Policy configured as blocking, attempting to log in to an application in the platform failed when authentication was passed in context of the local access group. Investigation showed that after configuring different CSP policies for unauthenticated context at the application level and user-specific application level with varying CSP modes, users were receiving both CSP headers after logging in. To ensure that only one CSP header is present at any given time, updates have been made to remove both CSP headers from the response headers map before replacing the values with the new policy.	Security
INC-A2894	856620	Rule-Obj-Access-Deny replicated to all nodes	An update has been made to ensure the Rule-Obj-Access-Deny rule is synced to all nodes in a multi-node environment.	Security
INC-A29484	855138	Cross-site scripting protections updated	Cross-site scripting filters have been added for dynamic layout sections.	Security
INC-A3941	836304	Stacktrace suppressed when OAuth2 token is expired	Numerous errors related to JSON Web Tokens (JWT) were logged, including messages that the JWT was rejected during signature verification due to a bad signature or being expired. This has been resolved with an update to suppress the stacktrace in logs when the OAuth2 access token is expired and only print the error message. If log level is debug, a complete stack trace will be printed.	Security
INC-B10230	863326	Security improved for autocomplete	Cross-site scripting protections have been updated for autocomplete.	Security
INC-B12748	865817	ABAC policy conditions updated to include descendant classes	When running a report definition on a case class which has class specialization on it, the report returns rows (cases) from all of the specialized classes as expected when the "Report on descendant class instances" option is checked. If an ABAC policy is implemented for this case type to enable row level security and the policy condition uses a property on the case itself, the report eliminates the rows that do not meet the condition as expected. However, if the policy condition used an association rule to join with a data class (or another case class) to perform the check, the report failed to fetch any of the case instances from specialized classes even when the policy condition was satisfied. This was caused by the ABAC policy conditions that use associations not including descendant classes, and has been resolved by updating the file PolicyConditionActionAssembler class with the new entries.	Security
INC-B12824	863463	Security update for Smart Tip	Cross-site scripting protections have been added to the 'Show Smart Tip' feature.	Security

24.1.1 Patch Resolved Issues

Ticket #	Issue #	Title	Description	Product Area
INC-B15155	870184	Diagnostic logging added for logout issue	Additional logging has been added to assist with diagnosing issues related to pxStopPending causing unexpected logout.	Security
INC-B17248	867778	Trim added to authentication key construction scope	Trying to make API calls using an OIDC token from an active SSO session generated the exception "Unable to obtain access token for client details in authentication profile configured for connector." Investigation showed there was a scope issue while constructing the key, and this has been resolved by implementing trim during this process.	Security
INC-B20163	873711	Improved error message security	Protection against injection attacks has been updated for error messages.	Security
INC-B423	851165	Corrected iOS SAML SSO handling	A blank screen was being shown after successful authentication using SAML SSO on an iOS device. This was traced to the iOS Safari browser sending the CSP report starting with "type":"csp-violation" instead of "csp-report", and has been resolved by updating the CSPReport method in CSPUtils.java.	Security
INC-B5310	857911	Database save stack trace added	StackTraces_DBSaveOperations has been added to debug logging in order to enable printing a stack trace for database save operations.	Security
INC-B5680	855468	Added temporary context for CDK rotation	When the Customer Data Key (CDK) expired, trying to rotate the key during non-admin user session context generated the error "You are not authorized to create, modify, or lock instance SYSTEM-DATAENCRYPTION-CDK". This was due to the user role not having access for CDK class, and has been resolved by temporarily assigning System-DataEncryption-CDK access to non-admin user to acquire the lock successfully.	Security
INC-B6072	859620	Logging added for userClaims	Additional logging has been added in order to assist in debugging issues with "derive operatorId from claim".	Security
INC-B6306	858237	Resolved runtime exception for OAuth2	A runtime exception was generated when trying to log in with OAuth2, specifying "Unable to fetch token page using key ac_pegasys-authorizationcode-openid profile email". Investigation traced this to an additional space character added after email in the key, and it has been resolved by adding trim to the scope while constructing the key.	Security
INC-B7968	861646	Observability increased for SAML WebSSO request	In order to assist with troubleshooting the logged error "Caught Exception while validating SAML2 Authentication response protocol : SAML token security failure", the observability has been increased to identify what attribute in SAML Assertion is causing validation failure.	Security
INC-B8872	865593	Corrected NoInformationRecognized code for PRauth	The field value "NoInformationRecognized" is available for updating the error message associated with incorrect login credentials, but the updated error message worked only if requests contained "/prweb". The configured error message was not shown for requests with /PRAuth. This was traced to a typo in the PRauth code which caused it to not override the value from the NoInformationRecognized field; this has been corrected.	Security
INC-A5927	822047	Corrected SOAP Service outbound message signing	The system was signing the body element of outbound messages for the SOAP Service despite the specified outbound signing elements. This has been corrected.	System Administration
INC-B1033	855349	Agent runs on correct day after restart	When an agent was configured to run daily on one background node at a time using America/New York timezone, if the scheduled run time was after 7pm EST time and there was a restart the agent was instead scheduled for the next day. This has been resolved with an update to ensure an agent in a different time zone is not skipped.	System Administration
INC-B11448	866872	Made message processing flow more robust against heavy loads	During periods of heavy system load, the data flow thread might receive the Kafka confirmation slightly later than usual and overlap with the queue processor thread reading the message and starting to process it. If this occurred during the queue processor's thread experiencing an issue and re-queuing the message for another attempt, the data flow thread removed the message from the database while it was still being processed by the queue processor thread. This race condition has been addressed by modifying the database query for removing the message.	System Administration

Ticket #	Issue #	Title	Description	Product Area
INC-B12042	866875		Some sites have a limitation of creating Kafka topics only in lower case in the external enterprise Kafka cluster for the stream service. To better support moving to Kafka externalization, a DSS has been added to change how the queue processor's Kafka topics are named (lower vs upper case). Set the value to the desired strategy; allowed values are: UPPERCASE - for pzStandardProcessor queue processor the stream name will be PZSTANDARDPROCESSOR and Kafka topic name will be: pega-PZSTANDARDPROCESSOR - this strategy is used as the default; LOWERCASE - for pzStandardProcessor queue processor the stream name will be pzstandardprocessor and Kafka topic name will be: pega-pzstandardprocessor; To apply the configuration naming convention all nodes need to be restarted simultaneously (not a rolling restart), then stale Kafka topics must be manually removed as these are not removed automatically.	System Administration
INC-B12578	865610	Additional passivation logging available	In order to assist with diagnosing an intermittent issue with data loss when submitting from one screen to another, additional logging has been made available for the passivation APIs.	System Administration
INC-B17068	868691	Markdown library update	The markdown library has been updated to the latest version.	System Administration
INC-B18402	871090	Updated logger handling for PRPulseDispatcher class	The campaign process program run status was not progressing to the completed state, and error were generated indicating "Invalid value for aClassName passed to .createPage:Failed to get column mapping for property Data-BatchOutPR132.pySubjectType". This has been resolved by modifying the logger for the PRPulseDispatcher class to continuing pulse processing even after pre-processing failure.	System Administration
INC-B2470	861915	External Hazelcast v5 startup updated for use with Oracle use	When the Weblogic server was started using Hazelcast v5 with Oracle, multiple errors were generated including a null pointer error. This was seen with Oracle deployments but was not encountered with tomcat,postgres deployments, and has been resolved by refactoring the Hazelcast v5 initialization flow to mitigate startup failure for the prcluster_service.	System Administration
INC-B5470	867556	Optimized APIs added to improve lag calculation for external Kafka	When an enterprise-level Kafka cluster is hosted in multiple regions with multiple Kafka racks and many Kafka brokers, Pega's partitions can be stored anywhere in the cluster. This can drastically impact the network latency for the Kafka API calls that perform the lag calculation process to render the "Ready to process" values in the Queue Processors landing page, as the underlying mechanisms used for lag calculation need to complete the entire process within 30 seconds to avoid a timeout exception with the error message "Unable to calculate lag for <QP-stream-name>". To address this need, new stream SPIs/APIs have been added which provide significant optimization in obtaining offsets in a faster fashion with reduced total number of Kafka API calls.	System Administration
INC-B5743 INC-B2491	855812 855146	System pulse logging updated	After deploying a ruleset versioning update, the new rules were not being picked up by the queue processor and the system runtime context continued to be the previous ruleset version. This type of issue occurs when the SystemPulse fails to propagate the latest version of the rule to all nodes in the cluster, leading the system to utilize the existing version of the rule. In order to capture whether the deployed rules are propagated to all the nodes in the cluster, additional diagnostic log messages have been added. These loggers handle defined rule update pulse types for diagnostic information, CACHE, RFDEL, IMPRT, CLDEC, PURGE, DSMST, and are based on the environment's production level and DASS: systempulse/rulesUpdate/logAcknowledgement/enabled. Logging has been enabled by default for production level >= 4 (i.e. PRE-PROD or PROD) and disabled by default for lower environments.	System Administration
INC-B5791	861687	Processed count data type updated from integer to long data	The records processed in last hour count was always shown as 0 in Admin studio for a queue processors handling an enormous number of records each day. Investigation showed the queue processor had more than 6 billion processed records, which exceeded the allowed limit for integer. This has been resolved by changing the integer data type to long data type.	System Administration

24.1.1 Patch Resolved Issues

Ticket #	Issue #	Title	Description	Product Area
INC-B6892 INC-A11374	859160 831400	Added null partition value handling for DelayedItemsDataFlowService	After upgrade from Pega 7 to Pega 8, ORA-00936 "missing expression" errors were generated by DelayedItemsDataFlowService. This error occurred while reading delayed items from the database, and was due to there being more than 25 nodes splitting the work and the additional partitions having a null value. To resolve this, the condition has been updated to avoid generating an SQLException for null partitions during processing.	System Administration
INC-B7039	865512	Additional logging information added for purge agent	In order to assist with diagnosing issues with the purge agent not cleaning up instances as expected, more detailed log statements have been added to the RAPurge function.	System Administration
INC-251607 INC-246272	772994 772992	Updated accessibility for text area character count	JAWS was reading the remaining character count of a text box multiple times before all other content on the tab. This was due to the attribute aria-live="assertive", and has been addressed by updating webwb_pzpega_ui_template_textarea.js to add a new condition in the template to handle aria-live and aria-atomic attributes for Macintosh and Iphone devices.	User Experience
INC-270228	853797	Corrected user portal harness issue for Cosmos	The user portal was not correctly rendering in Theme Cosmos when set as a single page. This has been resolved by updating the handling for the Show-Harness and Show-Property activities.	User Experience
INC-A14835	830560	Updated scroll handling for flow in modal window	When a flow was used in a modal action event, refreshing the modal window or moving the flow to the next task resulted in the modal window itself moving when a scroll was performed in the main page. This has been resolved by updating the modal container handling of the overflow scroll for this usecase.	User Experience
INC-A15251	835002	Interaction remains open after submitting task	After opening the email reply dialog of an incoming email interaction and then minimizing the dialog again, adding a task from the task menu and submitting it would close the task but also unexpectedly closed the email interaction. This only happened if a single task was added; adding multiple tasks or showing the confirm harness after submission did not close the entire interaction on submission. This has been resolved by updating the code in the AutoClose section.	User Experience
INC-A18620	833830	Resolved table layout validation	The UI was becoming distorted when validation was triggered for a property added to a column inside an optimized table layout, and it was no longer possible to add anything in the table due to the the text-input field disappearing. An error icon was seen. This has been resolved by updating the pzbase-grids CSS.	User Experience
INC-A20262	867369	Added handling for special characters in KM article titles	Attempting to open a Knowledge Management article in the Customer Service application failed to load the content in the popup window if there was an apostrophe in the article title. This has been resolved by escaping the special characters in the window name parameter of the Show Harness action when the target is a popup.	User Experience
INC-A20684	868917	Lists option correctly displayed in UI Gallery	After upgrade, the list option was not visible in the Rich Text Editor UI Gallery. This was an unintended side effect of security work, and has been resolved.	User Experience
INC-A23866	838647	Updated accessibility for Rich Text Editor keyboard icon	A label has been added to the Rich Text Editor keyboard icon with an associated tooltip to improve accessibility.	User Experience
INC-A24366	842946	Background color maintained when spellchecker is called on-change	If a section had one or more text areas and a Rich Text Editor configured with a spell checker action on change, an incorrect spelling caused all text areas on that screen to become yellow. Investigation showed the repaintTextArea function was incorrectly being called by spellcheckerscript.js for all text areas in the document, and this has been corrected.	User Experience
INC-A25025	846331	Decimal value property rounding on Mobile	Decimal values in a number UI control were not rounding properly for offline Mobile. This was a missed use case, and has been corrected.	User Experience
INC-A26464	865668	Hierarchical table control click handler updated	After navigating to 'Hierarchical table' in UI gallery, repeatedly expanding and collapsing different rows intermittently caused the expand and collapse to stop working for some of the rows. In hierarchical tables, rows are reused from a pool based on pagination size. Because of this reusing, the click handler, which is removed from a row used as a lowermost child, is not reattached upon reuse, causing the expandable icon to freeze. To resolve this issue, the clickHandler has been re-attached in the updateStyle method, which is triggered by onAllocatePathForDomObjects.	User Experience

Ticket #	Issue #	Title	Description	Product Area
INC-A27036	846452	Corrected decimal handling for read-only	For properties of type Decimal set with read-only format in the UI-Control and decimal point set to Auto, entering a 15-digit value returned an invalid result with an extraneous decimal point. On the clipboard, the 15-digit integer was set correctly. This has been corrected by updating pzpega_ui_formatNumber.js.	User Experience
INC-A27074	842657	Upload file hover shows selected filename	When using the Upload functionality to upload the files, the Filepath control still showed the message 'No File Chosen' after choosing the file and hovering on the selected file using the mouse. This is a difference in behavior from Pega 7, where the mouse hover showed 'Filename' after selecting the file. To restore the previous behavior, a setTitle function onchange has been added to dynamically set the title based on the value for the filePath control.	User Experience
INC-A27168	848164	Opening a Case ID in Theme Cosmos report made consistent	Clicking on a row inside of a report will open the case in the same tab, but the case will open in a new tab if the Case ID is the primary column. Investigation showed the "oafunc" attribute can have values such as "openAssignment" which was not handled for reports. To resolve this, openAssignmentInNewTab functionality has been implemented in the pz-cosmos-ui-utils.js file for openAssignment action. This is used as the value for the "oafunc" attribute to open work objects in a new tab that are rendered as children in a tree in summary type reports. In addition, the handling has been updated for the "pzRDWinTitle" control file for openAssignment action	User Experience
INC-A27311	868100	Page number field made editable	The page number field could not be edited in a table in the dashboard portal. This has been resolved by updating the handling in the GridActivePage control to allow an onchange of the pageNumber field.	User Experience
INC-A30118 INC-B20999	856485 872295	Validation error banner made accessible	JAWS was not reading the server level validation error messages generated by pyCaseErrorSection. This has been corrected.	User Experience
INC-B10764	870801	Corrected attribute handling for custom report definition filter	Opening a report and clicking on "other navigation" caused a pyDirtyCheck popup to appear even when no changes were made. Investigation traced this to the use of a form containing a date field that had text entry disabled that was used in a custom report definition filter rendered in non-template mode. This has been resolved by updating the handling for the "data-initialvalue" attribute so it renders as expected in both template and non-template mode.	User Experience
INC-B10809	868535	Spell checker styles removed on Rich Text Editor section refresh	When an incorrectly spelled word like "test message" was entered into a Rich Text Editor control, clicking on spell check highlighted the error, but clicking outside of the area did not remove the highlight during the refresh section action. This was a change in behavior from previous Pega Platform versions, and the regex has been updated to restore the expected clearing of the highlighting.	User Experience
INC-B1089	853156	Corrected anchor alignment during scroll	The smart info anchor icon or tip icon was misaligned when scrolling on the main page. This has been corrected.	User Experience
INC-B11529	868349	Application is accessible at 150%+ zoom	When the portal was rendered at 150% zoom or more, there was no option for keyboard users to close the navigation menu until a mouse click was performed or an option was selected from the menu. This has been resolved by adding the necessary handler.	User Experience
INC-B12101	862714	Added setting for allowcustomtags in Rich Text Editor	After update, custom style tags were being removed when using the Rich Text Editor. This was an unintended side effect of work done to enhance cross-site scripting protections for the Rich Text Editor control, and has been corrected.	User Experience
INC-B12446	872573	Corrected container loading order for hybrid applications	When attempting to open Constellation cases in the Cosmos portal of a hybrid application, app/primary containers were reset and trying to call "open work by handle" resulted in empty details and an error on the screen. This was traced to an error in the container order of events and has been corrected.	User Experience
INC-B12956	863839	Updated focus order for modal dialog buttons	The focus order of cancel and submit buttons in the modal dialog was not consistent between @baseclass and Work class. The default order has now been set set to first move focus to the cancel button and then to the submit button. This is handled in a new py section "pyModalButtons" which is used inside pzModalTemplate, and the button focus order can be customized by changing the button order in pyModalButtons.	User Experience

Ticket #	Issue #	Title	Description	Product Area
INC-B12999	862954	Optimized table has correct row values	An optimized table was showing showing Pega property names as row values after update. This was traced to an issue with resolving the parentPage if the pageList was referenced as a property, and has been corrected.	User Experience
INC-B13349	866729	Accessible filter dialog role corrected for optimized table	When using JAWS with an optimized table, navigating to the menu button on the column header and opening the Apply Filter caused the screen reader to announce both the aria-label and the role. This has been corrected by updating the aria-label for the column filter modal dialog from 'Column filter popover' to 'Column filter'.	User Experience
INC-B1362	857263	Corrected Rich Text Editor generating dirty pop-up without changes	When Rich Text Editor was present in the section and the first editable field, clicking the Close button generated a dirty pop-up asking to save the work object even though there were no changes made. Investigation showed this was caused by the cancel/close process adding a new line to the Rich Text, and has been resolved by adding trim to remove the unwanted spaces.	User Experience
INC-B14356	868821	Corrected portal rendering after resize	The top navigation window was not rendering correctly after launching the Provider manager portal and resizing the window to a smaller size. This has been resolved.	User Experience
INC-B14995 INC-B13626	870599 866598	Corrected multiselect and autocomplete handling for touch screens	The multiselect and auto complete controls were not loading the data when a touchscreen was used and the source for the control was a data page. The data loaded as expected when using a mouse. This has been resolved by adding the needed target element in the success function in Control_multiselect.js.	User Experience
INC-B15209	870798	Corrected multiselect item delete	Attempting to remove a selected value from a multiselect field within a live interaction by clicking on the cross icon was not working. This was traced to a div focus issue and has been corrected.	User Experience
INC-B15506	871968	Datetime validation message displayed with java edit validate rule	A date time control with "allow text entry" set to No did not display the validation message in the UI even though it was in the clipboard. Investigation showed the div responsible for showing the error was not available in the dom if "allow text entry" is No and the java edit validate rule is used. The same configuration worked as expected if the existing standard validate rule IsFutureDate was used. This has been corrected.	User Experience
INC-B15574	869927	Corrected overlapping columns in Export to PDF	The column that contains the currency property was overlapping with the column to the right of it when exporting a report as a PDF. This has been corrected by updating the pyReport_ExportToPdfStyles.css file.	User Experience
INC-B16253	869223	Corrected CSS for Rich Text Editor border	Adding a border-radius of 10 pixels caused the border to cut off at the bottom of the Rich Text Editor space. This has been resolved by adding the CSS for overflow hidden.	User Experience
INC-B16320	870815	Corrected tooltip overriding control label	JAWS was no longer reading the label of a control after an inline tooltip was added. This was due to the control label being overridden, and as has been resolved by providing an ID for the helper text div and giving it to aria-described-by instead of aria-label.	User Experience
INC-B16345	866725	Clear filter focus outline appears for non-optimized table	An update has been made to correct a missing focus outline on Clear Filter by adding a selector specifically for a non-optimized table filter.	User Experience
INC-B16594	870956	Corrected label default for afternoon period of current date and time	An error in the date/time widget for the current date and time default was evaluating the period between 12:00:00 PM (12 noon) and 12:59:59 PM as AM instead of PM. This has been corrected.	User Experience
INC-B16894	868684	Date showing on hover for mobile view	When using a Touch laptop, the date was missing on hover after selecting it in the calendar gadget. This has been corrected.	User Experience
INC-B17397	871479	Removed hard-coded aria-label interfering with localization	When adding a date time control to a section or applying a date time column to a non-optimized or optimized table, the date time calendar icon picker had an aria-label of "Date Picker" which was not translated. This was caused by the aria-label being hard-coded for this field; as the aria-label is not required here, it has been removed to resolve this issue.	User Experience
INC-B1797	858556	Corrected flow container context handling for error messages	Error messages related to validation were not removed automatically during screen refresh and carried over from one screen to another screen even after the validation was corrected and the case was successfully submitted from the previous screen. This was due to all of the cases (tabs) being rendered in a flow container which resulted in page messages being pushed to the FlowContainer context (ex. app/primary_3) instead of the active container item context. This has been resolved with an update to populate page errors in the activecontainer context.	User Experience

24.1.1 Patch Resolved Issues

Ticket #	Issue #	Title	Description	Product Area
INC-B18193	868151	Calendar date picker contrast improved	The background color of the date picker has been updated from #0089ec to #076bc9 for improved accessibility.	User Experience
INC-B19773 INC-B20656	869537 870257	Corrected display of readonly hyphen	After update, the "--" for readonly with no value was misaligned for inline labels in dynamic layouts. This has been corrected by updating the width to 2px for no-value-span.	User Experience
INC-B2079	860218	Constellation preview pane updates correctly after action	When using Constellation, hovering over a case ID in worklist and clicking preview opened the preview slider with all the actions, but the preview pane was not refreshing after using the withdraw local action to resolve the case. As a result, local actions were still available and the additional tabs based on status were not displayed. This has been resolved by adding a deleteCaseSummary action for updating the assignments.	User Experience
INC-B20809	872121	Stakeholder widget visible in Constellation	A stakeholder widget with an added visibility condition for embedded section was not displaying as expected in Constellation. This has been corrected.	User Experience
INC-B21180	871596	Corrected activity registration for FieldHistoryCustomAction	Attempting to download the Field History from a case was generating a SECU0019 alert. This was traced to pyExportFieldHistory not being correctly registered when using BAC, and has been resolved by updating the registered activity for the download button in the pyFieldHistoryCustomAction section.	User Experience
INC-B3093	858365	GetNextWork opens traditional case directly	GetNextWork was unexpectedly opening a case in a popup. This was traced to the case being created in Theme Cosmos and displayed in Constellation, and was caused by pzCreateDetails not being able to get the needed component to render traditional iframe. To resolve this, an update has been made to override pzCreateDetails for traditional cases to get the proper component details for display.	User Experience
INC-B3472	857116	Handled overflow for maximized toolbar display	Content screens and the text rich toolbar were overlapping when the content toolbar was maximized. This has been resolved by adding handling for the overflow of the rich text editor.	User Experience
INC-B3745	855111	Updated Traditional UI Coexistence handling for migration	After creating a casetype in Theme Cosmos and referring to the same in Constellation using Traditional UI Coexistence, the data portal was not launched until the assets for the traditional UI were generated again. This was traced to an issue with the key name check, and has been resolved.	User Experience
INC-B4356	858241	Removed redundant PDF file extension on download	When a PDF was generated and added using PDF smart shape, a redundant extension was added when the PDF was downloaded from preview. This was traced to pxcreatepdf adding the extension to the filename when it already existed, and has been resolved.	User Experience
INC-B4596	856232	Updated attribute on Preview button	The Preview button seen when focusing/hovering on a case ID would intermittently not activate the Preview Panel when the Enter key was pressed, for example after being previously closed with the cancel button. This has been resolved by adding a "type='button'" attribute to Preview button element.	User Experience
INC-B4761	859243	Corrected section grid alignment for To Do	After performing the case action "Save to my worklist" and assigning the case to a logged-in user, the To Do section grid alignment was not correct. This was traced to the showHideAssignmentGadgets function which was attempting to show/hide the hierarchical table sections on some actions. As the hierarchical table section was marked as display: none, the height was not correctly calculated while refreshing the section. This has been resolved with an update to the widget row heights on show of the pxAssignmentView section when the assignment block is visible.	User Experience
INC-B4773	859138	Restored Rich Text Editor plugin	After update, an error was thrown in the browser console indicating CKEditor was missing two plugins, causing the form to be corrupted from the end user's side. This was an unintended side effect of security work, and has been resolved by restoring the needed plugin.	User Experience
INC-B4844	857426	Overflow correctly applied to optimized grid in popup	When there were more than 15 columns in a optimized table displayed in the overlay, scrolling the page up and down caused the column names to come out of the overlay and become disorganized. This issue only occurred when the pop-over was displayed above the grid and contained enough columns to trigger a scroll bar, and was caused by the overlay container with id = "po0" on the first load not having the overflow CSS applied. This has been corrected.	User Experience

Ticket #	Issue #	Title	Description	Product Area
INC-B4878	861843	Search string clears correctly after use	After entering a search string on the user portal, the entered string persisted on the results page and when returning to the home page. This has been corrected.	User Experience
INC-B5095	858437	Cancel button corrected for temporary mode	The Cancel button was not functioning on the case worker area when the case was opened in temporary mode. This has been corrected with an update to pycaseactionareabuttons.	User Experience
INC-B5845	858833	Corrected time picker error in right-to-left locales	When using a 24H time format in a right-to-left locale such as Arabic or Hebrew, once a time field contained a value that value could not be changed using the time picker and a javascript error appeared in the console. This has been corrected.	User Experience
INC-B6212	855562	Corrected duplicate view generation	If the Configure View button was clicked for a step in the workflow tab when there was already an existing view by that name, the fields in the view were not updated. Instead, a new view and flowaction were generated for each click, using the original step name appended by "_1" / "_2" / etc each time. Investigation showed the view created in the UX tab of the casedesigner was given the pyViewType "embeddedform", while the pzViewEditorPreProcessing activity which ran when clicking 'Configure View' ignored these views. This has been resolved by revising the pzViewEditorPostProcessing activity to update the FlowActionName to use the backing flow's pyExpression / pyActionName instead of the ViewPage's pyRuleName.	User Experience
INC-B6613	859053	Function onGridFilterClose added to improve performance	In an optimized table, enabling a filter for columns having unique data caused the filter overlay itself to contain thousands of records. Once the filter overlay was opened, subsequent interactions took significantly more time than required. This was traced to the filter body not being removed and the results having an extremely large markup which stayed in the DOM, and this has been addressed with a new onGridFilterClose function.	User Experience
INC-B6680	859906	Updated handling for negative integer in field label	If a negative integer value was entered in a field label, the HTML formatting showed special characters when it was used in a dynamic layout. This has been corrected by updating the HTML handling.	User Experience
INC-B7021	871231	Alert announced by Android/iPhone	VoiceOver in iPhone/Android was not announcing 'Alert' for the error icon on a page level error message. This worked as expected for desktop. Investigation showed the page level validation message on the alert icon was being picked as "center panel region landmark" instead of "alert", and this has been resolved by adding the Alert word in py-cosmos-helper-classes.css so it is read as expected.	User Experience
INC-B777	860225	Updated secondary button validation message handling	When attempting to submit without filling in a mandatory field, the error message was appearing on the field but also intermittently on the top of the screen. This has been resolved by updating the handling for validation errors shown for secondary button actions.	User Experience
INC-B7857	860314	Corrected screen reader announcing "\"angle bracket\" in navigation pane	When navigating the left navigation pane, highlighting "create case" resulted in the screen reader announcing ">" as "closed angle bracket". This has been resolved by adding aria-labels for menu item elements so the screen reader will read only the label.	User Experience
INC-B8352	862196	Added accessible name for iframe	Aria label has been added for the live composer iframe name in App Studio for improved accessibility.	User Experience