



Guidewire PolicyCenter™

Release Notes

Release 10.1.2

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Major issues and changes

This section contains issues and major changes that may affect your installation. For more information on new features and major changes, see *New and Changed Guide*.

Studio uses IDEA_HOME environment variable for standalone IntelliJ IDEA

To configure Guidewire Studio to run with your own installation of IntelliJ IDEA, set the `IDEA_HOME` environment variable to the location of the IntelliJ IDEA installation. The use of the `studio.ultimate` file is deprecated. See the *Configuration Guide*.

Note: If you have an existing standalone IntelliJ IDEA installation, then the `IDEA_HOME` environment variable is likely to be already set. If so, when you run Studio, it automatically attempts to run the IntelliJ IDEA that is installed at that location. If that is not a compatible version of IntelliJ IDEA, then Studio reports an error. To have Studio run the bundled IntelliJ IDEA instead, unset `IDEA_HOME`.

Chinese language resources are for demonstration purposes only

This release includes Chinese language resources in the base configuration. These resources are provided only for demonstration purposes, and are not supported for production use.

Generated reports on changes

The following are generated reports of changes between releases.

Guidewire also provides a report detailing certain differences between the current release and your prior release. This report describes changes in display keys, entities, typelists, and the Gosu API. To obtain your custom *Upgrade Diff* report, visit the Guidewire Community and search for knowledge article 7898, "How to find reports detailing differences between earlier and later releases of Guidewire core products".

Changes between releases 10.1.1 and 10.1.2

The following are generated reports of changes in this release.

Base resources

To view a report of the changes to the base resources, [click here](#).

Base PCF files

To view a report of the changes to the base PCF files, [click here](#).

To view a report of the changes to the base PCF files for ContactManager, [click here](#).

Improvements and resolved issues

Guidewire attempts to provide information for issues of primary importance to our customers. This list is not intended to be comprehensive.

PolicyCenter improvements and resolved issues

ID	Description
ISPC-2064	Gosu changed to not allow automatic conversion or coercion between <code>String</code> and <code>typekeys</code> . In Guidewire Rating Management, this prevented some rate routines from earlier versions of PolicyCenter from validating successfully. With this change, the automatic conversion between <code>String</code> and <code>typekey</code> is handled as follows. If a <code>String</code> , literal or <code>String</code> variable, is assigned to a <code>typekey</code> variable, the <code>String</code> value is assumed to be the code of a <code>typekey</code> in the <code>typelist</code> to which the <code>typekey</code> belongs. If the <code>String</code> does not correspond to a code, then the <code>typekey</code> is assigned null. If a <code>String</code> variable is assigned a <code>typekey</code> or <code>typekey</code> variable, then the value that is assigned is the code of the <code>typekey</code> .
ISPC-2455	During account merge, for account contact roles, if you only want to check the <code>PrimaryNamedInsured</code> on those two accounts, return <code>true</code> for the <code>accountContactRoleDenormOptimization</code> method in the <code>IAccountPlugin</code> plugin. Otherwise, keep it <code>false</code> , to have the same behavior as before.
ISPC-2459	Fixed an issue where PolicyCenter threw a null pointer exception if the <code>SelectedPaymentPlan</code> field was null.
ISPC-2616	The SSN official ID field is now obfuscated in the user interface.

Platform improvements and resolved issues

ID	Description
ISPL-4777	The following changes were made to accessibility features. For more information, see the <i>Application Guide</i> and <i>New and Changed Guide</i> . - Error, warning, and information messages are now displayed within a notification widget with separate explanatory information. - Bold label widgets are assigned ARIA heading level 3. - Modifications were made to the ARIA roles, states, and properties of a several PCF widgets.
ISPL-5400	Fixed an issue that caused staging table imports to fail if a user visited the Server Tools > Info Pages > Load Integrity Checks page before the import.

ID	Description
ISPL-5407	The file modules/configuration/config/workqueue/work-queue.xml now supports configuration substitution.
ISPL-5499	Fixed the badgeStyles configuration option. This may functionally replace the combination of a backgroundColor and a textColor configuration to style badges in a thematically consistent way.
ISPL-5705	Upgraded Apache Commons Validator to 1.7.
ISPL-5706	Upgraded Joda Time to 2.10.9 to provide newer time zone data. Upgraded Joda Convert to 2.2.1.
ISPL-5707	Upgraded Apache Commons Codec to 1.15.
ISPL-5708	Upgraded Apache Commons DBCP to 2.8.0.
ISPL-5710	Upgraded Apache Commons IO to 2.8.0.
ISPL-5719	Upgraded Apache commons-lang to 2.6. Upgraded Apache commons-lang3 to 3.11.
ISPL-5729	Upgraded OkHttp to 3.14.9.
ISPL-5742	Upgraded Apache Commons Pool to 2.9.0.
ISPL-5782	Fixed an issue that could cause a null pointer exception when rendering a numeric text field that contained a blank string.
ISPL-5800	By default, the application now disables the import and export of User data through the Administration > Utilities > Import/Export Data screen. The following new configuration parameters control the import and export of User data: • ImportUserDataEnabled • ExportUserDataEnabled Both of these parameters have a default of false. Note that any entities that are linked to a User entity (such as Contact, Credential, and UserSettings) are also not imported.
ISPL-5828	Upgraded ICU4J to 68.1, which uses the latest CLDR 38 data to include some date, time, and currency formatting changes.
ISPL-5842	Upgraded JetBrains Java Annotations to 20.1.0.
ISPL-5847	Upgraded OW2 ASM to 9.0. Upgraded Eclipse Jetty to 9.4.35.v20201120.
ISPL-5980	Fixed an issue where changes to typelist localization files were not being picked up by the database upgrade process.
ISPL-6133	Upgraded Apache HttpClient to 4.5.13.
ISPL-6211	Renamed user setting Add all elements with a tooltip to the page tab sequence to better reflect its behavior. It is now labeled Allow all tooltips to be displayed and read by screen readers on focus. Affects page tab sequence. Requires browser restart.
ISPL-6233	Fixed an exception that would occur when embedding links to a document with a name containing "\$" in a note.
ISPL-6286	Addresses an issue in which an effective-dated version list could become stale in the cache, leading to unnecessary database queries. In actuality, the cache entry will eventually time out, but its presence could cause performance degradation. This change aggressively removes such entries from the cache as they are first detected.
ISPL-6312	Fixed an issue where searching for workflows using Start Date Range - From and Start Date Range - To did not include results with the Start Date Range - To date.
ISPL-6444	Fixed an issue that caused servers without the startable role to not see non-distributed startable plugins running in the cluster.
ISPL-6509	Upgraded netty-all to 4.1.60.Final.
ISPL-6522	Upgraded FasterXML Jackson to 2.12.3.

ID	Description
ISPL-6548	Fixed a potential cross-site scripting (XSS) vulnerability by displaying a generic message on the page rather than an exception.
ISPL-6767	Upgraded netty-all to 4.1.63.Final.
ISPL-6913	Upgraded Apache Velocity Engine to 2.3.
ISPL-6915	Upgraded Apache Velocity Tools to 3.1.

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Changes between releases 10.1.0 and 10.1.1

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Base PCF files

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To view a report of the changes to the base PCF files for ContactManager, [click here](#).

Improvements and resolved issues

Guidewire attempts to provide information for issues of primary importance to our customers. This list is not intended to be comprehensive.

PolicyCenter improvements and resolved issues

ID	Description
ISPC-1714	Improved performance of User → Preferences screen by reducing calls to the UserPreferencesStore plugin. Now the list of last policies and jobs is read from the plugin in memory, and then saved back to the plugin only once. Previously, each item was committed individually, which caused performance problems, especially if the UserPreferencesStore implementation made requests to an external service (as in the case of multi-cluster).
ISPC-1751	Since the <code>fastInternal</code> handler is no longer needed, comments in <code>scheduler-config.xml</code> have been changed to reflect that.
ISPC-2269	Rate books were sometimes reloaded unnecessarily. When searching a specific rate book for a rate routine, the rate book was reloaded if the routine was not found in that particular book, even if the rate routine existed in another rate book in the hierarchy of the rate book being searched.

Advanced Product Designer improvements and resolved issues

ID	Description
APD-545	With this fix, schedules on coverages with existing CoveragePattern files are processed correctly when regenerating the product. This fixes a previously known issue.
APD-729	Advanced Product Designer prevents code generation if the product has duplicate short names that would cause issues in the generated code. To help resolve these issues, the validation messages now show the short names that are duplicated.
APD-788	Fixed an issue where Generate Product Code produced a <code>PolicyLineMethods.gs</code> class with a <code>LocationsInUseOnOrAfterSliceDate</code> method that did not compile.
APD-1059	After generating a product, if you add or remove a clause term, then regenerate the product, you no longer encounter errors that prevent the server from starting. This fixes a previously known issue that caused the following error messages:

ID	Description
	<pre>java.lang.NullPointerException: null at com.guidewire.pc.domain.productmodel.impl.CovTermOptLookupImpl.initialiseDenormField (CovTermOptLookupImpl.java:39) ~[classes/:?] at com.guidewire.pc.domain.productmodel.impl.CovTermOptLookupImpl. beforeInsert(CovTermOptLookupImpl.java:29) ~[classes/:?] at entity.SCPSingleCoverageOptLookup\$_Internal.beforeInsert(SCPSingleCoverageOptLookup.java:63) ~[classes/:?]</pre> And: <pre>[1] INFO Limit [OptionCovTermPattern] : - 1 error(s) in OptionCovTermPattern "Limit" [1] INFO Limit [Lookups] : - 1 error(s) in SCPSingleCoverageTermLookups [1] ERROR Limit (PolicyLinePatternCode:SingleCoverageLine) [field : CovTermPatternCode] : - No lookups found. Use Product Designer to fix this issue.</pre>
APD-1072	When using Generate Template on the APD Managed tab of the Product Management screen, the XML template for clause schedule terms has changed. In the template, information for the ScheduleItem entity and LinkedClause details is no longer necessary and is not included. In addition, all schedule terms are now included as part of the main APDCoverage in the Terms array. This may cause naming differences when compared to previously exported templates due to name size constraints and collisions.
APD-1094	When defining a package clause term with a variable number of values per package, the clause (coverage, condition, or exclusion) functioned as expected in the visualization screens. However, code generation failed due to a validation error. With this fix, you can now generate code on package clauses with variable length packages.
APD-1121	Fixed an issue that cause null pointer exceptions when generating product code on a product with missing required fields.
APD-1200	Location , Involved party , and Date-time schedule terms can no longer be marked as Generate As Clause Term in the Clause Schedule Terms listview. These types cannot be product model terms. If you marked these as clause terms, then generated the product, the server failed to start.
APD-1205	After the product has been finalized, a checksum file is generated to detect file changes. The checksum now ignores end-of-line characters. For existing products generated before this fix, the first time you regenerate the checksum file, messages in the user interface will report differences for unmodified files. Subsequent file difference detection will be back to normal.
APD-1221	When you select Generate Product Code , you can now select: • All - Generate everything. • Base Product - Generate PolicyCenter product artifacts only. These are the data model, product model, PCF files, and supporting Gosu code. • Extensions - Generate additional registered extensions only.
APD-1274	Fixed an issue where exporting a product to template exported the default value in conditional expressions rather than the conditional value for text fields. For example, if a field setting was: • Default value ABC • Default value DEF for California jurisdiction Exporting and re-importing this line could result in: • Default value ABC • Default value ABC for California jurisdiction This has been corrected and template export will now work as expected. Review conditional field default values for text fields on existing templates and fix them if necessary by importing, correcting the incorrect values and re-exporting.
APD-1324	In Advanced Product Designer, you cannot use Java or Gosu keywords as short names. With this change, warnings are also generated for certain PolicyCenter keywords. See the documentation for more information.
APD-1682	Fixed an issue where the user could update an APD product using a template for a different product. This is no longer permitted, and a message is displayed to the user.

ContactManager improvements and resolved issues

ID	Description
ISCM-138	Updated scheduler-config.xml to remove comments referring to the obsolete fastinternal handler.

Platform improvements and resolved issues

ID	Description
ISGOSU-285	Fixed an issue that caused a deadlock for double-check locking.
ISGOSU-324	Fixed an issue that caused a server-side ConcurrentModificationException exception when executing two BatchRunner scripts at the same time.
ISPL-2018	Increased the length of the CheckOutBy column on the WorkItem entity to accommodate longer server and pod names if run under Kubernetes.
ISPL-3291	Upgraded swagger-ui to 3.31.1.
ISPL-3371	Certified Apache Tomcat 9.0.39. For information about supported releases, visit the Guidewire Community and search for knowledge article 1005, "Supported Software Components".
ISPL-3588	Upgraded slf4j to 1.7.30.
ISPL-3658	Upgraded Apache commons-beanutils to 1.9.4.
ISPL-3908	Certified the following JDKs: - InsuranceSuite 10.1.1 - Java 8: Oracle JDK 8u261 - Java 11: Oracle JDK 11.0.8, Amazon Corretto JDK 11.0.8 For information about supported releases, visit the Guidewire Community and search for knowledge article 1005, "Supported Software Components".
ISPL-4012	Fixed an issue that might cause an "Unexpected property (not a column)" error in the log during a full upgrade.
ISPL-4187	Guidewire InsuranceSuite has introduced new features for improved accessibility, including support for screen readers, enhanced keyboard navigation, and new user interface settings. For more information, see the <i>Application Guide</i> .
ISPL-4274	Removed the netty-3.10.6.Final library.
ISPL-4283	Fixed an issue that occurred while pasting values into date input fields. The day and month values would sometimes be swapped, or the day value would be shifted forward or back by one day.
ISPL-4442	The default plugin implementation of IBaseURLBuilder now properly ignores HTTP Host header information to avoid XSS vulnerabilities. The URLs formed are now taken exclusively from the URL that PolicyCenter uses to connect to the server. Two new IBaseURLBuilder implementations in Gosu are available. You can use either of these classes as the IBaseURLBuilder plugin if you want different behavior. gw.plugin.baseurlbuilder.FixedBaseURLBuilder behaves in the same way as the default implementation, with a configuration plugin parameter FqdnForUrlRewrite. Setting the value of this parameter forces that value to always be used as the base URL instead. The class gw.api.ForwardedAwareBaseURLBuilder supports Host, Forwarded and X-Forwarded-* HTTP headers to extract proxy information if you choose to accept the XSS security risk in doing so. The source code of both plugin classes is available in Gosu for you to examine and copy for modification to your requirements.
ISPL-4466	Upgraded Jetty to 9.4.30.v20200611 and ASM to 7.3.1.
ISPL-4550	Fixed the handling of RestOperationMBean to be JMX compatible.
ISPL-4563	Fixed an issue where clicking on a button immediately after changing a post-on-change text input would not execute the button action.

ID	Description
ISPL-4587	The PCF property printable now affects the visibility of the PrintLocation and PrintGroup widgets. If printable is false, then PrintLocation and PrintGroup do not appear as options in the Print Claim dialog. If all options in the Print Claim dialog are false, then the "Print" button in the dialog is disabled. If the printable property is true (its default value), then the visibility of PrintLocation and PrintGroup also defaults to true.
ISPL-4602	Fixed an issue where post-on-change was not triggered when tabbing out of the last element on a screen.
ISPL-4619	Removed io.netty.netty release 4.1.46 libraries.
ISPL-4705	(Oracle only) Fixed an issue with DBStats batch processing that generated multiple unnecessary DBMS_STATS commands for each table.
ISPL-4747	Fixed an issue that occurred when generating an AWR report with database statistics on Oracle 19 with Exadata when real-time statistics were present in the Oracle catalog tables. There is now a row in the table statistics report within the AWR report that provides Oracle's real-time statistics.
ISPL-4812	Added support for Microsoft SQL Server Enterprise 2019 on Amazon Relational Database Service (RDS), and upgraded the JDBC driver to 8.2.2. For information about supported releases, visit the Guidewire Community and search for knowledge article 1005, "Supported Software Components".
ISPL-4852	Corrected the error message that appears if the application rejects the upload of a file because the MIME type or extension is not permitted.
ISPL-4932	Fixed an issue where privacy inputs were not being cleared properly and were retransmitted to the client to be rendered again.
ISPL-4933	Fixed an issue where password inputs were not being cleared properly and were retransmitted to the client to be rendered again.
ISPL-4937	Updated jQuery to 3.5.1.
ISPL-4942	Two new configuration parameters are available to enable an absolute maximum session length. If the value of the EnableAbsoluteMaxSessionLength parameter is true, then the server immediately invalidates any session with a creation timestamp of more than the value of the AbsoluteMaxSessionLength parameter in minutes before the current time. Any session that passes this threshold with in-progress, unsaved work loses that work. The default value of EnableAbsoluteMaxSessionLength is false.
ISPL-4943	The default session timeout has changed from 10800 seconds (3 hours) to 2700 seconds (45 minutes). To change the timeout, set the SessionTimeoutSecs configuration parameter.
ISPL-5040	Certified Oracle WebLogic 14.1.1.0 with Oracle Hotspot 11 JDK 64-bit 11.0.9 only. For information about supported releases, visit the Guidewire Community and search for knowledge article 1005, "Supported Software Components".
ISPL-5042	Fixed an issue that prevented the free-text batch load command from working correctly if the solrserver-config.xml file used external configuration.
ISPL-5101	Updated Apache Solr to 8.5.2. On upgrade from a previous release, to rebuild the indexes, rerun the free-text batch load command.
ISPL-5105	Upgraded poi-ooxml to 4.1.2.
ISPL-5144	Upgraded Google Protocol Buffers Core library (protobuf-java) to 3.13.0.
ISPL-5145	Upgraded Apache commons-codec to 1.14.
ISPL-5146	Upgraded Apache commons-dbcp2 to 2.7.0.
ISPL-5147	Upgraded Mozilla 'rhino' to 1.7.12
ISPL-5177	Fixed an issue in the QuickJump box where pressing Down Arrow did not show the list of available commands.
ISPL-5193	Upgraded Quartz scheduler to 2.3.2
ISPL-5194	Upgraded Apache Logging Log4j libraries to 2.13.3.
ISPL-5204	Upgraded the Fasterxml java-uuid-generator library to 4.0.1.

ID	Description
ISPL-5227	A new Gosu class <code>gw.json.gxconvert.GXModelConverter</code> is available to use in the Scratchpad in Guidewire Studio. This class provides basic conversion of GX models to JSON schemas and mappings for Integration Views. You can modify the code in this class to support the particular requirements and structures of more complex GX models.
ISPL-5239	Updated the Joda-Time library to 2.10.6 to provide newer time zone data.
ISPL-5355	<code>RunConsistencyChecker</code> now throws a <code>RuntimeException</code> exception if the batch process either does not start or does not finish. The status of a previous checker run is no longer reported for the current run.
ISPL-5412	The use of the <code>studio.ultimate</code> file to identify an external IntelliJ installation is deprecated and is superseded by the presence of the <code>IDEA_HOME</code> environment variable.
ISPL-5504	Upgraded <code>java-uuid-generator</code> to 4.0.1.
ISPL-5588	Upgraded <code>FasterXML Jackson</code> to 2.11.3.
ISPL-5698	Fixed an issue that caused deadlocks in message processing and class loading.
ISPL-5798	Fixed an issue with <code>NoteViewPermissionHandler</code> where it incorrectly checked the <code>noteview</code> permission instead of the <code>noteedit</code> system permission.
ISPL-5877	Upgraded <code>junit</code> to 4.13.1.
ISPL-5905	Fixed an issue where a new set of market Exchange Rates added by the <code>Exchanges Rates</code> plugin and batch process would not immediately be picked up by other nodes in the cluster.
ISPL-5989	Upgraded <code>Gradle</code> to 6.5.1.
ISSTUDIO-640	Certified DCEVM 11.0.8 for use with Amazon Corretto 11.0.8. For information about supported releases, visit the Guidewire Community and search for knowledge article 1005, "Supported Software Components".

Major issues and changes

This section contains issues and major changes that may affect your installation. For more information on new features and major changes, see *New and Changed Guide*.

Using Oracle AutoTask to gather database statistics

Due to an Oracle bug, using Oracle AutoTask to gather database statistics can create certain issues in Guidewire PolicyCenter. Oracle has partially fixed the issue in Oracle Bug 20921713. However, some of the issue remains unresolved and is still outstanding as part of Oracle Bug 27818902.

The issues occur when PolicyCenter is using statistics preferences (`useoraclestatspreferences=true`). If you notice additional resources being used to gather statistics on non-stale tables, Oracle Support recommends the following workaround:

1. Disable autotask 'auto optimizer stats collection'.
2. Create a new Oracle database job to gather schema statistics or database statistics using the 'GATHER STALE' option. For example:

```
dbms_stats.gather_schema_stats(ownname=>'PCUSER', options=>'GATHER STALE')
```

Note: Replace *PCUSER* with the actual PolicyCenter database user name.

Chinese language resources are for demonstration purposes only

This release includes Chinese language resources in the base configuration. These resources are provided only for demonstration purposes, and are not supported for production use.

Generated reports on changes

The following are generated reports of changes between releases.

Guidewire also provides a report detailing certain differences between the current release and your prior release. This report describes changes in display keys, entities, typelists, and the Gosu API. To obtain your custom *Upgrade Diff* report, visit the Guidewire Community and search for knowledge article 7898, "How to find reports detailing differences between earlier and later releases of Guidewire core products".

Changes between releases 10.0.3 and 10.1.0

The following are generated reports of changes in this release.

Base resources

To view a report of the changes to the base resources, [click here](#).

Base PCF files

To view a report of the changes to the base PCF files, [click here](#).

Improvements and resolved issues

Guidewire attempts to provide information for issues of primary importance to our customers. This list is not intended to be comprehensive.

PolicyCenter improvements and resolved issues

ID	Description
ISPC-728	Made a fix so that the quote purging feature can now purge rewrite and renewal policy transactions.
ISPC-767	Fixed an issue which caused assignment of typekeys to local variables to fail with a message that typekeys must be explicitly cast to String using the as keyword.
ISPC-847	Fixed an issue that caused database upgrade to fail with exception “Illegal modifications detected in Product Model”, such as Businessowners product, delivered with the base configuration. This occurred when upgrading from 8.0 and 9.0 to 10.x when PolicyCenter was in production mode for both source and target.
ISPC-912	PolicyPeriod#getTaxAndSurchargesRPT no longer attempts to update the TaxSurchargesRPT property if the branch is locked.
ISPC-1038	Removed ICPCClassCodeSearchCriteriaFactory. Use ClassCodeSearchCriteria instead.
ISPC-1371	Changed the way external ids for contacts and addresses are generated. The new config.xml parameter, ExternalIDPrefix, specifies the prefix for external identifiers. This must be different than PublicIDPrefix.
ISPC-1382	Removed an unnecessary commit in AccountImpl#transferPolicies.
ISPC-1420	The FormPatternImpl and AnswerContainerImpl classes no longer use the global TypeSystem lock.
ISPC-1468	Fixed an issue on SQL Server where producer code security verification failed on queries with a large number of query parameters. This was observed in common operations relating to producer code security, including but not limited to, viewing the account file and contact search.
ISPC-1486	Added the following InsuranceSuite Behavior Testing Framework items for the homeowners line: • line/hop/job/cancellation/H0-AssessCancellationRisks-CancelReinstateRewriteTransaction feature • line/hop/job/cancellation/PC-COM-ConfirmOfferReinstatement-QuoteTransaction feature • line/hop/job/cancellation/PC-COM-IssueCancellation-EnterTransaction feature • line/hop/job/cancellation/PC-COM-Re-Price-QuoteTransaction feature • line/hop/job/issuance/H0-IssuePolicy-IssueTransaction feature • line/hop/job/policychange/H0-AssessRisk-ChangeTransaction feature • line/hop/job/policychange/PC-COM-PriceRisk-QuoteTransaction feature

ID	Description
	- line/hop/job/renewal/HO-AssessRiskandClaimsExperience-RenewTransaction feature - line/hop/job/rewrite/HO-AssessRisk-CancelReinstateRewriteTransaction feature - line/hop/job/submission/HO-AssessRisk-QuoteTransaction feature - line/hop/job/submission/HO-AssessRisk-ReviewTransaction feature - line/hop/job/submission/HO-CaptureRiskDetails-EnterTransaction feature - line/hop/job/submission/HO-CheckProductPreQualifyRisk-Underwriting feature - line/hop/job/submission/HO-DefineProductForms-FormPatterns-H08 feature Added the following InsuranceSuite Behavior Testing Framework items for the personal auto line: - line/pa/job/issuance/PA-IssuePolicy-IssueTransaction feature - line/pa/job/submission/PA-AssessRisk-QuoteTransaction feature - line/pa/job/submission/PA-DefineProductForms-FormsInference(SRS) feature - line/pa/job/submission/PA-MultipleQuoteVersions-SidebySide feature - line/pa/job/submission/PA-PriceRisk-QuoteTransaction feature - line/pa/job/submission/PA-QuickQuote-QuickQuote feature Added the following InsuranceSuite Behavior Testing Framework item for the workers' compensation line: - line/pa/job/submission/PC-COM-CaptureRiskDetails-EnterTransaction feature
ISPC-1492	Removed an unnecessary check on archive document references.
ISPC-1497	Changed code to use array loader wherever both the left and right sides of the *. operator denoted arrays. For example, locations*.Buildings*.Coverages, which is all locations and all buildings at each location.
ISPC-1512	Fixed an issue where periodic clearing of the rate table cache caused performance to decline. With this fix, active rate books are only removed from the cache when the cache is full and new entries need to be put into the cache. This can occur when a new rate book is added. Use the following config.xml parameters to control rate table caching: - RateBookCacheEntryLifetimeSecs - RateTableDefinitionCacheUpdateIntervalSecs - RateTableCacheMaxSize - RateTableCacheEntryLifetimeSecs - RateTableCacheUpdateIntervalSecs - RateTableCacheConcurrency - RateBookCacheUpdateIntervalSecs
ISPC-1513	Purges of Job, PolicyTerm, and Worksheet graphs no longer check to determine if archive documents are referencing any bean that is about to be purged.
ISPC-1592	Log output has been changed to no longer show the display name of the Contact; instead the PublicID is output.
ISPC-1614	Fixed an issue where AccountContactRoleImpl queried for a null primary key.
ISPC-1616	For improved performance, added caching to the Side By Side quoting screen.
ISPC-1617	Fixed an issue where the sideHelper variable in SideBySideScreen.pcf was recreated twice when the screen was refreshed.
ISPC-1717	When using the precompile rate routines JAR feature, only rate routines in preloaded rate books returned by RateBookPreloadPlugin#getRateBooksToPreload were accessible when rating. With this fix, all rate routines in rate books returned by RateBookPreloadPlugin#getRateBooksToExportToJAR are available for rating.

ContactManager improvements and resolved issues

ID	Description
ISCM-125	To prevent PII data from being transmitted, Contact names are now excluded from ContactManager log data. Instead, Contact.PublicID is passed to logs.

Platform improvements and resolved issues

ID	Description
ISGOSU-259	Updated Gradle to version 6.0.1.
ISGOSU-282	Fixed an issue that caused a slow memory leak by changing the implementation of an internal cache. This change also provides a minor performance improvement.
ISGOSU-284	Fixed an issue that caused a deadlock for double-check locking.
ISPL-425	Fixed a problem with the (Server Tools) Database Table Info report download that caused the download to fail if an entity subtype and a typelist shared the same name.
ISPL-539	Added an example implementation of the <code>ExternalConfigurationProviderPlugin</code> plugin that can retrieve an externalized property values file from an Amazon AWS S3 bucket.
ISPL-2011	Fixed an issue where some Solr configuration files, particularly <code>solrconfig.xml</code> , were incorrectly marked as read-only in Guidewire Studio. These files are now editable.
ISPL-2338	SQLServer database only. Fixed an issue where importing more than 2100 contacts through the administrative data import failed with the exception, "The incoming request has too many parameters."
ISPL-2423	InsuranceSuite now supports Amazon Relational Database Service (RDS) for Microsoft SQL Server. For information about supported releases, visit the Guidewire Community and search for knowledge article 1005, "Supported Software Components".
ISPL-2438	The initial page under the Query Store report in the (Server Tools) SQL Server Performance report download now contains top queries. The default order is time. It is possible to sort the page using other metrics, as well.
ISPL-2882	Fixed the following issues within list views: - For a <code>CheckBoxCell</code> and <code>BooleanRadioCell</code>, a confirmation dialog did not appear. - For a <code>RangeCell</code> with a confirmation dialog, clicking on the range cell did not reliably display the list of options. - For a <code>RadioButtonCell</code> with a confirmation dialog, if you canceled the confirmation, the update proceeded regardless.
ISPL-2901	Redis broadcast transport and database-based broadcast transport now expose broadcast message size and latency percentiles (95%, 99%, 99.9%) in their MBeans.
ISPL-2914	Added support for the following OpenJDKs: - Amazon Corretto on Linux, in addition to Windows. - RedHat distribution of OpenJDK for Microsoft Windows, in addition to Linux. For details, visit the Guidewire Community and search for knowledge article 1005, "Supported Software Components".
ISPL-3027	Improved the performance of the internal method <code>EntityInternalAccess.getEntityFriendAccess</code> by using <code>java.util.concurrent.ConcurrentHashMap</code> . This method obtains the implementations of entity classes.
ISPL-3052	Added support for Amazon Relational Database Service (RDS) for Oracle. For information about supported releases, visit the Guidewire Community and search for knowledge article 1005, "Supported Software Components".
ISPL-3188	REST API operations that use a default handler method can now be individually profiled.
ISPL-3189	InsuranceSuite now allows changes to <code>*.updater.json</code> and <code>*.apiconfig.yaml</code> files during rolling upgrade.
ISPL-3299	Added the <code>numberOfMessagesReceivedUnderThreshold</code> field to Redis broadcast MBean. This field returns the number of received messages with latency under the 100ms threshold. 100ms is a default threshold. You can change the default using the Java system property <code>gw.cluster.bbts.msg_latency_threshold.msecs</code> .
ISPL-3336	Certified Apache Tomcat 9.0.31 in addition to the versions that were previously certified. For details, visit the Guidewire Community and search for knowledge article 1005, "Supported Software Components".

ID	Description
ISPL-3337	InsuranceSuite now supports the Chromium-based Microsoft Edge browser. For information about supported releases, visit the Guidewire Community and search for knowledge article 1005, "Supported Software Components".
ISPL-3394	Fixed an issue in which the Japanese Imperial Calendar would not reset its era if the date text was highlighted and the backspace or delete key was pressed.
ISPL-3395	Fixed an issue that caused the Japanese Imperial Date picker to make an unexpected date conversion if the user entered an invalid date and the invalid date had a logical equivalence to another date. For example, in the Gregorian calendar, this would be equivalent to the user entering February 29 in a non-leap year and the date converter automatically converting the date to the logically equivalent March 1 date. This situation now causes a validation error.
ISPL-3408	Modified method <code>MessagingUtil.getDestinationStatus</code> to return <code>TC_UNKNOWN</code> if the ownership or status is in flux. For example, this can happen in the case of the destination actively being migrated between servers.
ISPL-3409	Modified method <code>MessagingUtil.getDestinationStatus</code> to return the operational status (which can be up to <code>REFRESH_INTERVAL_IN_MILLISECONDS</code> seconds stale) of the specified destination. <code>REFRESH_INTERVAL_IN_MILLISECONDS</code> has a default of 5000. Use JVM parameter - <code>Dgw.messaging.destination.status.refresh.intervalInMillis=...</code> while starting the application server to override this if needed. This method returns a cached value if it has been called within the last <code>REFRESH_INTERVAL_IN_MILLISECONDS</code> seconds. The use of caching here avoids overwhelming the destination nodes with frequent requests, as these nodes incur a network call if the current server is not the owner of the destination in a clustered deployment.
ISPL-3426	Fixed an issue that would occur if an entity with the <code>final</code> attribute set to <code>true</code> and a <code>typelist</code> had the same name. If you tried to programmatically get the value of the <code>Description</code> property of a <code>typecode</code> , then the <code>Name</code> property was returned instead. The correct value is now returned.
ISPL-3462	To guarantee a cleaner application shutdown, PolicyCenter shuts down the Intentional Logging component before the Database Service component.
ISPL-3487	Fixed a persistent or stored cross-site (XSS) scripting security vulnerability. For related information, visit the Guidewire Community and search for knowledge article 15952, "InsuranceSuite 10: XSS Vulnerability".
ISPL-3548	Fixed an issue in which <code>.arrays()</code> on an <code>EffDated</code> bean could give wrong results
ISPL-3552	Fixed a DOM XSS (Document Object Model-based Cross-Site Scripting) security vulnerability. For related information, visit the Guidewire Community and search for knowledge article 15952, "InsuranceSuite 10: XSS Vulnerability".
ISPL-3589	CSV exports of list views are vulnerable to CSV injection: https://owasp.org/www-community/attacks/CSV_Injection CSV Injection, also known as Formula Injection vulnerability, arises when untrusted input is embedded directly into comma-separated-values (CSV) files as data for subsequent import into a spreadsheet. Such input can be maliciously crafted to break the data/code barrier in spreadsheet software and result in unintended command and program execution. InsuranceSuite now escapes such values with a special Excel <i>constant-string</i> format: <code>= "<value>"</code>. For example, <code>=foo</code> becomes <code>= "&quot;foo&quot;"</code>. While this format successfully prevents Excel from trying to invoke a function called <code>foo</code>, it still likely triggers tools that are scanning for CSV injection vulnerability. Unfortunately, the standard CSV quote format, for example, <code>"=foo"</code>, still causes Excel and similar spreadsheets to invoke a function.
ISPL-3627	Removed an older, duplicate version of the <code>com.google.protobuf</code> library.
ISPL-3636	Fixed an issue that permitted two different versions of the Woodstox StAX XML parser to be packaged in the WAR file. With this fix, only the newer version is packaged in the WAR file.
ISPL-3637	Fixed an issue in which the <code>jakarta.activation</code> JAR was not included in the WAR file if building with Java 11. JavaMail requires this jar, which is used by the <code>EmailMessageTransport</code> implementation.
ISPL-3655	Fixed an incorrect error message when an unsupported JDBC driver was in use.

ID	Description
ISPL-3752	Made the following changes to the implementations of the <code>DefaultDatabaseBroadcastTransportFactory</code> plugin and the <code>RedisBroadcastTransportFactory</code> cluster transport plugin: - Added new optional parameter <code>maxBatchWriteInterval</code> - If a broadcast transport generates an error while trying to send the current batch of messages, the plugin performs a retry with exponential backoff, meaning that the delay (wait period) doubles after each consecutive error, up to the value of this parameter. This value is the maximum retry interval (in milliseconds). The default <code>DefaultDatabaseBroadcastTransportFactory</code> value is 16000 (16 seconds), <code>RedisBroadcastTransportFactory</code> is 8000 (8 seconds). - Changed the default value of existing <code>batchWriteAttempts</code> parameter from 30 to 10.
ISPL-3837	Upgraded Amazon Web Service APIs from 1.11.714 to 2.11.11.
ISPL-3877	Fixed the <code>preProcess</code> and <code>postProcess</code> methods in the <code>InboundFileHandler</code> interface. These methods can be used for non-parallel processing only, with the <code>chunkSize</code> parameter set to 0. Fixed an issue with the inbound file framework in which some internal classes that implement the <code>InboundFileHandler</code> interface would fail validation and throw a <code>ClassNotFoundException</code> exception.
ISPL-3887	Removed the third-party library <code>org.apache.pdfbox.fontbox</code> as it was unused and triggering false positive CVE reports.
ISPL-3910	Fixed an issue in which availability reflection did not work fully for date inputs/cells. Date controls contain multiple HTML elements. If a date control includes both date and time, then a date control contains a date input, a time input, an AM/PM selector, and an icon/button to bring up the date picker. If availability was changed by reflection, most of the elements changed appropriately, but the date picker icon did not. For example, if a date control started out enabled, then using reflection to disable it would grey out and disable the date input, time input and AM/PM selector, but it would leave the date picker icon enabled.
ISPL-3912	Improved the performance of the <code>DelegateLoader</code> class.
ISPL-3956	The archive reference tracking table now excludes all <code>EffDated</code> entities. An archived <code>PolicyPeriod</code> must never reference an <code>EffDated</code> entity. An exception is made for the <code>BasedOn</code> reference, but that is managed by the order in which PolicyCenter archives <code>PolicyPeriod</code> entities. There is no reason to maintain these references in the archive reference tracking table, which could otherwise get quite large as a result.
ISPL-3959	Improved the performance of the query used to determine whether an object is referenced by any archive document. This change includes the addition of a new index on the <code>ReferencedEntity</code> and <code>ReferencedEntityPublicID</code> fields of the <code>ArchiveDocumentReferenceItem</code> entity.
ISPL-3980	Fixed an issue in which large lists or maps of PCF variables could cause performance issues while navigating between PCF pages.
ISPL-3984	A personal data purge cannot occur until the archive reference tracking tables are synchronized with the archive. As long as the <code>ArchiveReferenceTrackingEnabled</code> configuration parameter is set to <code>true</code> , then these tables normally are in sync with the archive. The query to determine whether the tables are in sync with the archive is expensive to run, and, previously, this query was being run on every personal data purge. Now, the query runs only until the process determines that the archive reference tracking tables are in sync with the archive. After the tables are in sync with the archive (at which point, the tables will never get out of sync), there is no longer a reason to run the query.
ISPL-3996	Archive reference tracking, which is required to implement personal data protection features, is now always enabled. The value of the <code>ArchiveReferenceTrackingEnabled</code> parameter no longer has any effect.
ISPL-4058	Fixed an issue that prevented JMS inbound integration from starting on a clustered system on returning to multiuser mode from maintenance mode.
ISPL-4076	Fixed an issue with the archived log file being corrupted after server restart on servers running Microsoft Windows.
ISPL-4194	Improved the accuracy of the measurement of elapsed time of cache <code>RarelyChangingBeanDataCache</code> .
ISPL-4268	Added the third-party library <code>io.netty.netty-all 4.1.48</code> .
ISPL-4333	Commented out the AJP connector from the Tomcat server configuration file <code>server-tomcat9.xml</code> . The connector is disabled by default to prevent exposure as a security vulnerability.

Major issues and changes

This section contains issues and major changes that may affect your installation. For more information on new features and major changes, see *New and Changed Guide*.

Guidewire InsuranceSuite supports both Java 8 and Java 11 (ISPL-2586)

Guidewire InsuranceSuite now supports both Java 8 and Java 11. Set your `JAVA_HOME` environment variable to reference the Java version that you want to use. Note that InsuranceSuite and your application server must run on the same version of Java. For example, when running InsuranceSuite on Java 11, you must use an application server that also runs on Java 11. For information about supported releases, visit the Guidewire Community and search for knowledge article 1005, “Supported Software Components”.

Oracle 19c support added (ISPL-1728)

Guidewire InsuranceSuite now supports the Oracle 19c database. For information about supported releases, visit the Guidewire Community and search for knowledge article 1005, “Supported Software Components”. For background information about this change, visit the Guidewire Community and search for knowledge article 13621, “Guidewire Plans to Add Oracle Database 19c Support in the InsuranceSuite 9.0.8 and InsuranceSuite 10.0.3 Maintenance Releases”.

To support this change, the JDBC driver has been upgraded to the following:

- For Java 8, the JDBC driver is `ojdbc8-19.3.0.0.0.jar`.
- For Java 11, the JDBC driver is `ojdbc10-19.3.0.0.0.jar`.

Chinese language resources are for demonstration purposes only

This release includes Chinese language resources in the base configuration. These resources are provided only for demonstration purposes, and are not supported for production use.

Generated reports on changes

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Changes between releases 10.0.3 and 10.1.0

The following are generated reports of changes in this release.

Base resources

To view a report of the changes to the base resources, [click here](#).

Base PCF files

To view a report of the changes to the base PCF files, [click here](#).

Improvements and resolved issues

Guidewire attempts to provide information for issues of primary importance to our customers. This list is not intended to be comprehensive.

PolicyCenter improvements and resolved issues

ID	Description
ISPC-1168	Fixed an issue where messages related to Contact were not safe-ordered.
ISPC-1225	Fixed an issue where vehicles added or removed in a policy change were not listed as difference in the Policy Review screen if the policy change was effective on the same day as the issued policy.
ISPC-1226	Added support for Spanish (Spain) in PolicyCenter Product Designer. Spanish (Spain) must be enabled in Guidewire PolicyCenter for this functionality to be available in Product Designer.
ISPC-1229	To support both Java 8 and Java 11, inside the productdesigner folder there are now subfolders containing java8 and java11 versions of Product Designer.
ISPC-1238	The tooltip on the Download JAR file on the Rate Books screen now displays the date in the current regional format.
ISPC-1239	When you click Generate JAR File on the Rate Books screen, the status of the generated routines, 7 of 10 routines, is now localized for the current language.
ISPC-1240	When you click the Generate Jar file button on the Rate Books screen, the initializing progress bar is now localized for the current language.
ISPC-1298	Fixed a script error that caused the postprocessing step of Solr Batchload to fail when running on Linux.

ContactManager improvements and resolved issues

ID	Description
ISCM-101	Fixed an issue where an extension version number error no longer occurs during database upgrade. The version number was incremented in extensions.properties.
ISCM-110	Fixed an issue in the InboundFileBatchProcess and OutboundFileBatchProcess batch processes so that an IllegalArgumentException error no longer occurs.

Platform improvements and resolved issues

ID	Description
ISPL-1728	Guidewire InsuranceSuite now supports Oracle 19c. For information about supported releases, visit the Guidewire Community and search for knowledge article 1005, "Supported Software Components".
ISPL-2202	The Solr distribution that PolicyCenter includes is upgraded to version 7.2.2.
ISPL-2206	Fixed an issue where some gwb command prompt tools used the wrong working directory.
ISPL-2309	Applied a hint on SQL Server 2017 to use the legacy cardinality estimator for LinkChain queries to improve performance.
ISPL-2396	Dynamic Management View (DMV) report requests now have include database statistics selected by default.
ISPL-2468	Added a field to an index on the database table for Zone entities to improve the performance for certain queries.
ISPL-2469	Resolved an issue in which certain values in the clustering MBeans used a non-serializable type that prevented remote observation.
ISPL-2477	Fixed an issue with the inbound file framework where some internal classes that implement the <code>InboundFileHandler</code> interface would fail validation and throw a <code>ClassNotFoundException</code> .
ISPL-2492	Added support for es_ES (Spanish) language usage.
ISPL-2503	Corrected a server start-up message regarding supported database versions.
ISPL-2537	It is now possible to provide a hint to a SQL Server database on a Gosu-defined query to use the Legacy Cardinality Estimator while running the query. This can help improve performance in certain specific cases.
ISPL-2540	Upgraded the Apache ZooKeeper library to 3.4.14.
ISPL-2554	In message responses in web services, MTOM (Message Transmission Optimization Mechanism) document attachments now support <code>xop:Include</code> inside complex types. For example, <code>http://www.w3.org/2005/05/xmlmime:base64Binary</code> .
ISPL-2627	When an archive item fails to get archived due to a database deadlock, it is now marked as skipped and the next archive run picks it up and attempts to archive it. No further administrative intervention is needed. In the previous releases, an administrator needed to go to the Info Pages → Archive screen and clear the errors.
ISPL-2635	Added support for streaming/bulk deletes on the <code>WorkflowLogs</code> table. Also added the configuration parameter <code>WorkflowLogPurgeRowLimit</code> , which controls how many rows in the <code>WorkflowLogs</code> table are deleted in one commit. The parameter accepts an integer value from 0 to 1000000. A value of 0 means delete all available rows in the table in a single commit.
ISPL-2636	The <code>PurgeWorkflows.gs</code> file has several new Gosudoc comments.
ISPL-2689	Improved performance of check for current message transport status.
ISPL-2747	Updated the Joda-Time library to version 2.10.4 to provide newer timezone data to the application.
ISPL-2753	Added configuration parameter <code>BulkInsertSelectCardinalityEstimatorHint</code> , which takes a comma-separated list of database table names. Use this parameter with SQL Server 2017 to force the use of the legacy cardinality estimator in the <code>BulkInsertSelectPreparedStatementHandler</code> class.
ISPL-2900	Changed the Japanese Imperial Calendar to select the current era as soon you type a numeric value in an empty text input.
ISPL-2988	Fixed an issue where shutting down a JBoss server would show a Timer thread error.
ISPL-3179, ISPL-3180, ISPL-3181	Updated the jackson-databind library to version 2.6.7.3.

Major issues and changes

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Guidewire InsuranceSuite requires Java 11

Guidewire InsuranceSuite now requires Java 11. For information about supported releases, visit the Guidewire Community and search for knowledge article 1005, “Supported Software Components”.

Support for application servers on Java 11

Because Guidewire InsuranceSuite now requires Java 11, it can run only on application servers that also support Java 11. At the time of this release, WebLogic and WebSphere do not support Java 11, and therefore are not supported on this release of InsuranceSuite. For current information about supported application servers, visit the Guidewire Community and search for knowledge article 1005, “Supported Software Components”.

Release notes now contains the archive of previous release notes

This release notes document now contains the archive of previous release notes. In previous releases, the release notes archive appeared in the *New and Changed Guide*.

Chinese language resources are for demonstration purposes only

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Generated reports on changes

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Guidewire also provides a report detailing certain differences between the current release and your prior release. This report describes changes in display keys, entities, typelists, and the Gosu API. To obtain your custom *Upgrade Diff* report, visit the Guidewire Community and search for knowledge article 7898, "How to find reports detailing differences between earlier and later releases of Guidewire core products".

Changes between releases 10.0.1 and 10.0.2

The following are generated reports of changes in this release.

Base resources

There are no changes to the base resources.

Base PCF files

To view a report of the changes to the base PCF files, [click here](#).

To view a report of the changes to the base PCF files for ContactManager, [click here](#).

Base rules

To view a report of the changes to the base rules files for ContactManager, [click here](#).

Improvements and resolved issues

Guidewire attempts to provide information for issues of primary importance to our customers. This list is not intended to be comprehensive.

PolicyCenter improvements and resolved issues

ID	Description
ISPC-103	This fix sets the reference date correctly when submission and issuance policy transactions (or any policy transaction where period start can be changed) have different start dates. In <code>PolicyPeriodPlugin#postSetPeriodWindow</code> , <code>PolicyPeriod#clearDenormalizedReferenceDates()</code> is called only if <code>PeriodStart</code> moved.
ISPC-105	If validation fails on a step dynamically generated by a Wizard Step Iterator, you can now link the error message to that step.
ISPC-115	Fixed an exception that occurred in Rewrite New Account with a Cancellation that resulted in an exception that usually displayed "null" in the message bar.
ISPC-123	Fixed an issue where an extra slice was created when copying a submission. An extra slice was created if the submission was sliced on a new effective date, no actual edits to the policy on that date (simply calling <code>PolicyPeriod.getSlice(effDate)</code> prior to the call to Copy Submission). The change to functionality is that within the call to Copy Submission, the period at Period Start is sliced just prior to copying the data in <code>PolicyPeriod#copyBranchIntoNewPolicy(Policy)</code> . Thus, an extra slice date created as part of the copy is not created.
ISPC-124	Fixed an issue that caused errors with checking for differences while merging contacts.
ISPC-126	This fix is dependent on ISPC-124 , which makes it now possible to mark certain arrays as owned that could not be owned previously. The following line-specific <code>PolicyContactRole</code> arrays are now owned by their respective lines: • <code>PolicyDriver</code> on <code>PersonalAutoLine</code> • <code>PolicyOwnerOfficer</code> on <code>WorkersCompLine</code> • <code>PolicyLaborClient</code> on <code>WorkersCompLine</code> • <code>PolicyLaborContractor</code> on <code>WorkersCompLine</code> IMPORTANT To avoid a concurrent data exception, <code>PolicyContactRole</code> arrays must be owned by their respective policy lines. Verify that these arrays are owned in lines of business that you have developed or customized.

ID	Description
ISPC-145	When a policy had a policy change with an effective date in the future, the tab bar policy search widget (Policy/Policy#) opened the policy file with the date selector correctly set to the change's effective date, but the policy was incorrectly shown as it would be on the current date rather than how it would be on the change's effective date. This issue has been fixed.
ISPC-150	Fixed an issue where <code>OfficialIDEnhancement.validateValue(IdInfoResults: IQueryBeanResult<OfficialIDValidationInfo>)</code> did not validate all formats in <code>official_id_validation_info.xml</code> . Now, if multiple <code>OfficialID</code> format validators are effective as of a date, then the user entered <code>OfficialID</code> value format is validated against all formats.
ISPC-153	When viewing a bound transaction, some information on the Payment screen contained values different from the values returned by the billing system. This issue has been fixed.
ISPC-176	Fixed an issue where the Rating Worksheet displayed the public ID instead of the code identifier of the coverage parameters of a rate table look up. Fixed an issue on the Rate Table Definition screen where the Argument Source drop-down list displayed the public ID instead of code identifier of modifiers.
ISPC-181	Fixed an issue where Solr indexing created unnecessary duplicate entries when policies were updated in the PolicyCenter user interface.
ISPC-186	If two users were both editing the same policy, an exception could occur if they both tried to bind or issue the policy. This has now been fixed.
ISPC-187	Fixed an issue where preempting an audit with a policy change deleted all related Solr index records for a policy.
ISPC-188	Fixed an issue which caused "Duplicate entity skipped" messages when importing rate books from XML.
ISPC-189	Fixed a previously known issue where applying a deleted then re-added effdated bean, such as a vehicle, to a future unbound renewal caused a null pointer exception.
ISPC-223	Fixed an issue with rate table definition cache where updates to rate tables on one node of a cluster did not propagate to other nodes of the cluster.
ISPC-338	Fixed an account transfer when running PolicyCenter on JBoss that caused the error <code>java.lang.NoClassDefFoundError: com/sun/org/apache/xerces/internal/parsers/DOMParser</code> . Fixed with changes to <code>ArchiveXmlQuoteConverter.gs</code> and <code>XmlAccountTransferManager.gs</code> .
ISPC-425	The <code>PolicyRenewalAPI</code> class (both 900 and 1000 versions) was changed to parse dates using <code>DateFormat.SHORT</code> (for example, 6/30/09 for en_us) which is more restrictive than previously.
ISPC-433	Added the following convenience method to the <code>gw.api.domain.covterm.DirectCovTerm</code> interface: <code>String renderValueForDisplay(BigDecimal value)</code> .
ISPC-438	The <code>gw.job.uw.UWAuthorityBlocksProgressException</code> class no longer extends <code>java.lang.RuntimeException</code> . Instead it extends a new <code>gw.job.uw.UWAuthorityBlocksProgressBaseException</code> class.
ISPC-444	Fixed an issue which caused an exception on the Quote Store screen when selecting Convert to Submission on a quote created in a version of PolicyCenter prior to 10.0.1.
ISPC-486	Processing <code>RiRisk</code> entities in a particular policy change use case created inconsistent data. This issue has been fixed. In addition, there is now an upgrade trigger that fixes the inconsistent data created by this issue.
ISPC-744	Fixed an issue where the <code>WorksheetLogger.toString</code> method threw a <code>NullPointerException</code> when the <code>WorksheetLogger</code> instance was setup with a null value for its <code>WorksheetEntryContainer</code> .
ISPC-745	Fixed an issue where the free text batch load command created duplicate entries in the Solr index.
ISPC-854	The amounts in the preview of the payment schedule was incorrect after a policy change for a policy period with a large amount of tax when using the <code>StandAloneBillingSummaryPlugin</code> . <code>PaymentPlanSummary.NumberOfPayments</code> was incorrect if there was large amount of tax. That caused <code>StandAloneBillingSummaryPlugin</code> to compute the amounts on the Payment screen incorrectly for a policy change for a policy period with a large amount of tax. Note that this did not affect the schedule computed by the plugins that are used when PolicyCenter is integrated with BillingCenter.

ID	Description
ISPC-887	Fixed an issue introduced in PolicyCenter 10.0.1. This issue prevented high volume quotes in the Quote Store from being converted to submission. See the <i>Upgrade Guide</i> for information on changes you can make to PolicyCenter 10.0.1 so that it produces high volume quotes that can be upgraded.
ISPC-975	Fixed an issue introduced in Policy 10.0.1 With this fix, high volume quotes produced in this release can be upgraded. See the <i>Upgrade Guide</i> for information about how you can modify existing high volume quotes created in PolicyCenter 10.0.0 and 10.0.1 so that can be upgraded.
ISPC-996	Fixed an issue where rate table caches were cleared on any change to the global cache.
ISPC-1012	Product Designer has been updated to connect to PolicyCenter using <code>pc1000/productmodel/ProductModelAPI</code> .
ISPC-1065	Importing some rate books failed when the language was set to a language other than English.
ISPC-1070	Fixed an exception that occurred when viewing or approving underwriting issues that were missing a Short Description .

ContactManager improvements and resolved issues

ID	Description
ISCM-85	ZipCode and State in ContactHistoryDV.pcf are now translated correctly according to the user-selected language and <code>display.properties</code> . Additional translation changes to address field labels can be configured in <code>AddressHistoryFieldUtil.gs</code> .
ISCM-84	API methods that are deprecated in Java 11 have been replaced.
ISCM-54	Fixed an issue in the Pending Changes list where a <code>BadIdentifierException</code> no longer occurs after a contact with pending update is deleted or merged.
ISCM-44	To prevent making an obfuscated user active again, the Active radio button in the User Details screen is now unavailable when editing a user.
ISCM-24	Fixed an issue in Pending Updates where a <code>BadIdentifierException</code> no longer occurs when the address on the Contact(kept) is excluded during contact merge.
ISCM-23	Fixed an issue in Pending Updates where the "The object you are trying to update was changed by another user. Please cancel and retry your change." error message no longer appears when the address on the Contact(kept) is null during contact merge.

Platform improvements and resolved issues

ID	Description
ISGOSU-45	Fixed an issue that caused a stack trace to appear when using the debugger to examine the value of particular Gosu expressions.
ISGOSU-85	Fixed an issue that prevented the debugger in Studio evaluating a Gosu expression in a static method.
ISGOSU-122	Fixed an issue that caused a null-pointer exception if code accessed a protected member from outside the defining package.
ISPL-31	Fixed an upgrade performance issue for Oracle databases. Index creation was not using parallel DDL, even if <code>degree-parallel-ddl</code> was set correctly.
ISPL-96	If the same shortcut key is defined more than once on a page, the last definition takes precedence.
ISPL-207	Enhanced the Oracle AWR database report 'Estimated DB Time Aggregated by (event)' page to arrange the database event execution times in descending order. The report also filters out events with execution times of 0.

ID	Description
ISPL-286	The <code>valueWidth</code> property on certain PCF inputs been deprecated. Instead, use <code>valueSectionWidth</code> , <code>valueSectionMinWidth</code> , and <code>valueSectionMaxWidth</code> to control the width of the value inside input columns.
ISPL-287	Fixed an issue where the parent and child navigation arrows in a paging control would always appear, and would be disabled if not applicable. These icons now appear only if applicable.
ISPL-383	Fixed errors that would occur when modifying the default Login page and hiding the username input field (for example, to implement single sign-on).
ISPL-483	Fixed a low-level issue that caused a divide-by-zero error when making changes to entity instances that had the same date for start and end dates.
ISPL-532	Modified the on-screen comments on the Server Tools Start Rolling Upgrade screen.
ISPL-549	Added the <code>IIntegrationConfigSourcePlugin</code> plugin to allow for loading JSON Schema, integration mapping, integration filters, or Swagger schemas from somewhere other than the standard config directories, or even to generate their source on the fly. Also added in the ability to specify a method named <code>defaultHandlerMethod</code> in a REST API handler class for use as the default method to invoke if there is no method found on the API handler classes that exactly matches an operation name.
ISPL-559	Fixed an issue during deployment on Tomcat 9.0.x and JBoss 7.1.x that caused websocket listeners to be registered twice on some application servers. This eliminates the warning message and stack trace that was logged for such occurrences.
ISPL-563	Fixed a database upgrade issue that could cause a <code>ClassCastException</code> when restoring a claim failed.
ISPL-576	Fixed a PCF issue in Server Tools Consistency Checks screen. PolicyCenter now disables the Description field on the screen whenever the <code>DBConsistencyCheck</code> work queue is running.
ISPL-602	The SQL Server JDBC driver was updated to version 7.2.2.
ISPL-622	Clarified the warning message that occurs if an index is specified as filtered but the index on the database is not filtered.
ISPL-625	Added verification to file database- <code>config.xml</code> so that if the file contains duplicate 'tablestatistics' elements, the application server fails to start and generates an error.
ISPL-626	Fixed an issue that caused Load History Download to not show the value of the <code>numThreadsIntegrityChecking</code> parameter.
ISPL-715	Fixed an issue that caused casting a non-numeric string to a number type to return 0 instead of throwing an exception.
ISPL-727	Upgraded to newer version of ICU4j. This version supports the latest Japanese Imperial Era. This version also uses the latest CLDR data, so there are some visible formatting changes. Formatters are also used for parsing numbers, so you may see commensurate parsing differences. Note on H2 (development quickstart) database use: ICU4j changed the naming scheme it exposes for locale data. To specify collation in an H2 database, use a standard locale name format, for example "de_DE" for Germany, "ja_JP" for Japan.
ISPL-751	Refactored the <code>ActivityEscalationWorkQueue</code> writer process to use an insert-select statement using the <code>BulkInsertStandardWorkItemQueue</code> class. The change improves performance.
ISPL-756	Fixed an issue where confirming one client alert event could prevent a subsequent client alert from displaying.
ISPL-784	The Login page now shows errors that occur before the Login page can be accessed, such as when the authentication server is not responding.
ISPL-794	Fixed an issue in which a configuration of over 2,048 typecodes in some typelists could cause runtime errors.
ISPL-886	If a key is stuck down or being pressed continuously, the application may send too many requests to the server. You can now set <code>gw.globals.gwApp.EVENT_THROTTLE_MAX_REQUESTS_PER_SECOND</code> to a value greater than 0 to set the maximum allowed server requests/second. If the maximum value is exceeded, then a dialog appears with a warning and asks you to confirm that you are intentionally sending that many requests.
ISPL-889	Added a new <code>allowGoOrPush</code> Boolean attribute to the PCF Forward. If specified and set to true, the Forward must always be pushed until the final destination expression is executed. The final destination can then be a go, push, exit point, or workspace, and the final destination executes as if there is no intervening Forward.

ID	Description
ISPL-1037	The Oracle JDBC driver was updated to version 18.3.
ISPL-1071	Some integrity check queries related to "consistent children failure within staging tables" have been rewritten to perform optimally in all supported databases.
ISPL-1084	Added entity name to SEQUENCE related SQL statements to help identify the source of performance issues.
ISPL-1086	Pressing Enter in a list view to create a new row or navigate to the next row would incorrectly select the check box at the beginning of the row. Now the next editable input receives focus instead.
ISPL-1119	Fixed an issue with the LoadHistoryInfo Report Download REST API that returned the report, not a ZIP file. The LoadHistoryInfo Report Download REST API now returns a ZIP file.
ISPL-1176	inbound integration has been updated to support OSGi Release 7.
ISPL-1180	Upgraded the Jackson library that PolicyCenter uses to include resolutions to issues in the previous version.
ISPL-1209	For SQL Server, removed 'serverid' and 'thread number' from SQL comments.
ISPL-1264	To select multiple check boxes in a list view, click on the first check box and then Shift+click on the last one.
ISPL-1332	OSGi support for plugin development has been updated to an OSGi Release 7 compliant implementation that is compatible with Java 11.
ISPL-1364	Updated Solr to release 7.7.1. For customers deploying Solr, on upgrade from a previous release, it is recommended to rerun batchload to rebuild any existing indexes.
ISPL-1391	Updated log4j2 to release 2.11.2.
ISPL-1392	PolicyCenter is using a new version of the phone number library that is more lenient when parsing phone numbers than the previous version. The change in the file <code>PolicyCenter/modules/configuration/gsrc/gw/api/validation/PhoneValidator.gs</code> adds validation after parsing for phone numbers that are being persisted. By default, this stricter validation is turned off. To enable it, set the <code>PhoneNumberStrictValidation</code> configuration parameter to <code>true</code> . It may be easiest to leave this turned off in development environments if tests contain mock data with invalid phone numbers. It is advisable in most cases to turn it on during deployment (to acceptance test and production) so that phone data is validated.
ISPL-1397	Fixed a bug in which the date picker always showed the week starting on Sunday, even in locales for which the week is considered to start on a different day. The date picker now shows the correct start of the week depending on the locale.
ISPL-1412	Fixed an issue in XML code generation that caused a <code>MethodTooLarge</code> exception to be thrown if the generated code contained too many runtime resources, approximately 3500 or more.
ISPL-1417	Fixed an issue where the server would exhibit excessive CPU utilization, caused by inadvertent triggering of a JDK bug (JDK-8129861).
ISPL-1569	Changed the default format for the Japanese Imperial Calendar long date format in the Japan locale (ja_JP). The format used to be: EEEE, Gy 年 M 月 d 日 But is now: GGGGy 年 M 月 d 日 EEEE The two differences are: • The full name of the day of the week is now at the end of the date, instead of the beginning (EEEE). • The Japanese Imperial Calendar Era name is given in full (GGGG instead of G). For example: 平成 31 年 4 月 10 日 水曜日
ISPL-1570	Fixed the Load History report to include table row counts.
ISPL-1585	Allow JMX bean to access configuration variables whose datatype is Set without logging errors
ISPL-1586	Improved performance in looking up groups or users on some pages.
ISPL-1600	Whenever document template form field's display value is determined using the language code to locate the correct locale, PolicyCenter uses the following searches to determine the correct locale to use: 1. Determine the locale using the given language code.

ID	Description
	2. If the locale is not found, search for the closest match to the given language code. 3. If the locale is still not found, use the default locale.
ISPL-1605	Fixed an exception that would occur during logging with the Debug logging level set and no exchange rate sets in the database.
ISPL-1617	Compilation of ClaimCenter code fails whenever XML files with non-UTF8 characters are present during build, but only on Linux OS. The code compiles correctly on Windows and MacOS. The root cause for this issue is certain environment variables are not set as needed in the build environment forked by the Gradle Worker API task. This fix provides the value for LC_ALL and LANG variables that is then passed to the Gradle worker API task for use in the build process.
ISPL-1641	Optimized a slow workflow message query on SQL server.
ISPL-1644	For SQL Server, the SQL Server trace event 9481 has been replaced with the newer hint FORCE_LEGACY_CARDINALITY_ESTIMATION. This change also eliminates the need to grant sysadmin permission to the PolicyCenter schema owner.
ISPL-1657	The default value for the GW-UnknownPropertyHandling header option for JSON schema support has changed to reject instead of ignore. Any unknown JSON Schema properties on incoming requests are now rejected. To retain the previous behavior, explicitly specify the value of ignore for the GW-UnknownPropertyHandling header on requests.
ISPL-1658	Fixed an issue that caused the serialization of a JsonObject object containing a FastCompareDate instance to fail.
ISPL-1659	Fixed an issue in the usage of the Jackson library in internal methods to avoid library conflicts when those internal methods are referenced from Gosu code.
ISPL-1661	Fixed an issue that accepted primitive parameters in REST API handler methods in cases where the parameter was not required and had no default value and thus could have a null value at run time. A validation error is now generated in that case, so that the method parameter can be changed to the appropriate boxed type, be made the required, or be given a default value.
ISPL-1663	Added a rewriteErrorResponse method to the IRestDispatchPlugin interface to support rewriting responses on 4xx or 5xx responses, including adding in custom headers. Existing implementations of IRestDispatchPlugin must implement the new method if they do not subclass DefaultRestDispatchPlugin.
ISPL-1665	Removed a protected method for creation of log message parameters from the DefaultRestDispatchPlugin class to make it easier to retain the default logging behavior and override just the log message parameters.
ISPL-1666	Added the ability to specify a parameter set in a Swagger schema to define a standard list of parameters for reference within multiple operations.
ISPL-1667	JSON Schema definitions now support the x-gw-extend property, which can be used to inherit properties from another schema definition, to support reuse and composition.
ISPL-1668	Added the IRestSchemaWriterPlugin plugin interface that supports adding or altering JSON schema properties when the swagger.json file for a REST API is being written out.
ISPL-1669	Fixed an issue where an integration mapping property path returning a byte [] would be incorrectly flagged as a validation error.
ISPL-1671	Fixed an issue that caused validation of YAML configuration files to not report illegal null values in some cases.
ISPL-1672	Added the IRestConfigRefreshPlugin plugin interface to control which configuration files in the file system the REST servlet watches in development mode, and to control flushing additional configuration file caches when changes are detected.
ISPL-1673	Rolling upgrade now tolerates changes to additional configuration files that some Guidewire add-on modules use.
ISPL-1674	Added support for the additionalProperties property in the .mapping.json files that define integration mappers.
ISPL-1696	The Server Tools Database Table Information download report now includes the Database Schema Verification report if any schema verification errors are detected.

ID	Description
ISPL-1705	Fixed an issue around how duplicate properties in JSON and YAML configuration files were reported.
ISPL-1711	Fixed an issue in which duplicate property keys in JSON and YAML configuration files were not being reported correctly as validation errors.
ISPL-1712	Changed the order in which some Swagger and JSON Schema properties appear when external schemas are generated or retrieved. This reordering makes the properties easier for a human to read.
ISPL-1993	Fixed a race condition in Integration View filter parsing.
ISPL-2107	Fixed an issue where a RangeValue input could cause its input label to be clipped if the content of the drop-down was wider than the parent input column. This issue affected only Microsoft Internet Explorer.
ISPL-2162	Fixed an issue where errors that occurred while downloading a file were sometimes displayed in JSON format in a different tab. The errors are now displayed in the error messages section of the main window.
ISPL-2163	Fixed an issue in the Edge browser where long titles would run into other elements.
ISPL-2164	Fixed an issue that would cause the highlight around the QuickJump input to extend beyond its bounds.
ISPL-2165	Added a tooltip to the gear icon representing the Options menu.
ISPL-2166	Fixed some issues with the screen redrawing correctly after zoom or orientation changes.
ISPL-2167	Fixed an issue where the underlined letter for a menu shortcut was not showing for menu shortcuts inside action menus.
ISPL-2168	Fixed an issue where reflection was not being triggered when the selected values for a multiselect range input were changed.
ISPL-2169	Fixed an issue with meridian values in some Date Inputs that would cause erroneous validation warnings. Also ensured that undefined values in the global localization settings load as default values.
ISPL-2171	Fixed an issue where reflection was not being triggered when moving values between the left and right side of a shuttle widget.
ISPL-2174	Added support for validation exceptions to highlight the relevant user interface fields on open popups.
ISPL-2176	Fixed an issue where the contents of an Action menu were not being properly updated when navigating within the same Location.
ISPL-2177	Fixed an issue where shortcuts defined for an on-demand menu would prevent the on-demand menu from being successfully loaded.
ISPL-2271	Fixed an issue that caused calling <code>PLDependencies.getLanguages().getAllKeys()</code> to return keys for additional languages that were not configured in <code>LanguageType.ttx</code> .

Additional resolved issues

This release also addresses the following issues related to developing PCF pages:

Category	Issue IDs
General	ISPL-96, ISPL-889, ISPL-886, ISPL-881, ISPL-784, ISPL-756, ISPL-559, ISPL-383, ISPL-287, ISPL-286, ISPL-239, ISPL-214, ISPL-1264
Accessibility	ISPL-66, ISPL-70, ISPL-72, ISPL-119, ISPL-163, ISPL-196, ISPL-224, ISPL-582, ISPL-586, ISPL-610, ISPL-653, ISPL-655, ISPL-698, ISPL-700, ISPL-714, ISPL-757, ISPL-769, ISPL-789, ISPL-815, ISPL-1012, ISPL-1264
Improvements to PCF widgets	ISPL-220, ISPL-238, ISPL-285, ISPL-309, ISPL-328, ISPL-376, ISPL-382, ISPL-589, ISPL-651, ISPL-786, ISPL-801, ISPL-802, ISPL-803, ISPL-804, ISPL-805, ISPL-874, ISPL-877, ISPL-879, ISPL-880
Browser issues	ISPL-70, ISPL-20, ISPL-169, ISPL-165, ISPL-1048
Auto-complete	ISPL-337, ISPL-377, ISPL-380, ISPL-381, ISPL-878

Category	Issue IDs
Autofill	ISPL-343, ISPL-575
Calendar	ISPL-44, ISPL-55, ISPL-757, ISPL-787, ISPL-1200, ISPL-1397
Date	ISPL-169, ISPL-199, ISPL-579, ISPL-592, ISPL-1569
Navigation	ISPL-742, ISPL-1008, ISPL-1083, ISPL-1086
Error handling	ISPL-25, ISPL-263, ISPL-784, ISPL-1265
Visual improvements	ISPL-314, ISPL-333, ISPL-345, ISPL-365, ISPL-1029, ISPL-1039, ISPL-1053

Major issues and changes

This section contains issues and major changes that may affect your installation. For more information on new features and major changes, see *New and Changed Guide*.

Chinese language resources are for demonstration purposes only

This release includes Chinese language resources in the base configuration. These resources are provided only for demonstration purposes, and are not supported for production use.

Generated reports on changes

The following are generated reports of changes between releases.

Guidewire also provides a report detailing certain differences between the current release and your prior release.

This report describes changes in display keys, entities, typelists, and the Gosu API. To obtain your custom *Upgrade Diff* report, visit the Guidewire Community and search for knowledge article 7898, "How to find reports detailing differences between earlier and later releases of Guidewire core products".

Changes between releases 10.0.0 and 10.0.1

The following are generated reports of changes in this release.

Base resources

To view a report of the changes to the base resources, [click here](#).

Base PCF files

To view a report of the changes to the base PCF files, [click here](#).

To view a report of the changes to the base PCF files for ContactManager, [click here](#).

Improvements and resolved issues

Guidewire attempts to provide information for issues of primary importance to our customers. This list is not intended to be comprehensive.

PolicyCenter improvements and resolved issues

ID	Description
PC-21432	The superuser role has changed in the following ways: - The superuser role is no longer assigned to user su. - In the user interface, the superuser role has been renamed All Permissions (Deprecated).
PC-22378	On the Commercial Auto Line, setting Non-Owned Liability States to <None> and clicking Add State caused an illegal argument exception. The <None> option has been removed to fix this issue.
PC-33557	You can now define a validation that specifies the coverage term being validated, and if that validation fails, then the coverage term is highlighted. This example of field highlighting is in <code>PALineCoveragesValidator.gs</code> : <pre>Result.reject(vehicle.ID, vehicle, "PACollisionCov.PACollisionBroadTerm.Value", ValidationLevel.TC_DEFAULT, DisplayKey.get("Web.Policy.PA.Validation.MutuallyExclusiveCollisionCov", vehicle.DisplayName), null, null, COVERAGES_WIZARD_STEP)</pre>
PC-34409	For pending contingencies that have been processed by the Handle Unresolved Contingency work queue, their status is now set to ACTION_INITIATED . Contingencies with status of FAILED or ACTION_INITIATED appear on the Contingency screen under Closed Without Satisfactory Resolution .
PC-34706	Fixed an issue which resulted in null pointer exception when the Search For field is set to <none> .
PC-34887	In Personal Auto, added a validation warning that appears for vehicle if it is associated with a garage location that expires before the policy term ends. The message is: The garage location for vehicle <vehicle #> is about to expire on <date> which will result in the vehicle also expiring on that date. If this is not desired behavior, as a workaround, create a new garaging location for the vehicle with the same address as the current one prior to completing the quote.
PC-35132	The <code>ReferenceDateInternal</code> property has moved to the <code>Coverable</code> entity and removed from entities that implement the <code>Coverable</code> entity. See the <i>Configuration Upgrade Guide</i> for more information. Moving the <code>ReferenceDateInternal</code> property from the entity to the delegate does not affect instances already stored in the database. In instances created before and after this change, this column is stored in the same table in the database.

ID	Description
PC-35325	When creating contacts to send to ClaimCenter, PolicyCenter no longer sends the primary named insured as an additional named insured.
PC-35352	Made <code>_rootContainer</code> in <code>WorksheetLogger.gs</code> null safe to prevent null pointer exceptions that appeared in the log.
PC-35533	Fixed a memory leak which caused a gradual slowdown of performance. This occurred in the LRUcache implementation in <code>LookupTableManagerImpl</code> .
PC-35625	In Homeowners, removed garage validation error for Rental and Condominium policies.
PC-35668	Policy periods that are orphaned as a result of preemption are now purged based on the orphaned flag on policy period instead of a combination of having the job foreign key equal to null and the preempted flag being set to true.
PC-35709	In PolicyCenter, when a policy was transferred from one account to another account, or if two accounts were merged, the contacts on the original policy or account were not updated in ContactManager. The contacts in ContactManager are now updated. This was previously a known issue.
PC-35728	Add <code>EffDatedArrayLoader</code> to improve the performance of loading an <code>EffDated</code> array. This improves the performance of <code>getAllCoverables</code> in <code>PolicyPeriodBaseEnhancement.gs</code>. To improve the performance of N+1 query problem for <code>EffDated</code> beans, you can now use <code>EffDatedArrayLoader</code> to do a batch load. Also, <code>EffDated[]</code> and <code>Iterable<EffDated></code> have been enhanced with the following methods: <code>EffDated[]#arrays<C extends EffDated>(IArrayPropertyInfo)</code> or <code>Iterable<EffDated>#arrays<C extends EffDated>(IArrayPropertyInfo)</code>. Refer to the javadocs for more information.
PC-35760	Fixed a null pointer exception that occurred in a policy change. This occurred if you deleted then re-added the primary named insured, then applied the change to a future unbound renewal.
PC-35772	Fixed a previously known issue where some fields in the base configuration were not localized, particularly fields that appear in diffs.
PC-35800	The <code>PolicyImpl.startConversionRenewalWithBasedOn</code> method now has a <code>rethrowException</code> parameter which will determine whether to rethrow the exception.
PC-35906	If you cancel a policy that has a future renewal that is not bound, the renewal is now handled by PolicyCenter in the following ways: • If renewal documents have not been sent, then withdraw the renewal. This removes the renewal job and all policy periods associated with the renewal. • If renewal documents have been sent and there is enough time to send non-renewal documents, then withdraw the renewal. This withdraws the selected version of the policy period and blocks other policy periods in the renewal job through an underwriting issue. • If renewal documents have been sent and there is not enough time send non-renewal documents, then block the renewal. This block all policy periods in the job with an underwriting issue. If the policy has a future renewal that is bound, start a cancellation for the bound renewal term. This part of the feature has not changed.
PC-35979	Spotlight credentials are no longer provided in <code>SpotlightCredentialProvider.gs</code> . This file has been removed. Credentials are now provided as username and password parameters in the <code>LocationRiskAssessmentPlugin</code> plugin. In the base configuration, the values for these parameters are provided using external server configuration. The parameters do not have default values.
PC-36189	This previously known issue occurred when you added a new authority grant to an Authority Profile and entered one or two characters before hitting the search icon. After selecting a specific authority in Issue Type Search , it was added with Any as the Comparison type. Now it is added with the correct comparison type.
PC-36294	Added a batch process for fixing business rule code expression fragments that contain the symbol <code>util</code> (with the lowercase u). This batch process changes <code>util</code> to <code>Util</code> in <code>CodeExpressionFragment</code> instances stored in the database. See the <i>Configuration Upgrade Guide</i> for more information.

ID	Description
PC-36298	PolicyCenter would sometimes add a clause to a future bound branch even if there was no coverable for the clause. This caused a database consistency error. For example, when applying changes to future bound renewals, PolicyCenter displayed a message such as, "The CPBuilding property on CPBuildingCov must point to a valid row on CPBuilding in the same branch." PolicyCenter now no longer adds a clause to future bound branches if there is no matching coverable.
PC-36442	Fixed a previously known issue in Commercial Property where Create Blanket threw a <code>NumberFormatException</code> when using France Regional Format in multicurrency mode. The limit for blanket coverages now uses <code>currencyAmount</code> .
PC-36474	On the Account and Policy dashboards, archived policies were not displayed as archived. Archived policies are now displayed as archived.
PC-36478	Fixed an issue which caused an illegal argument exception when a policy transaction with unsaved changes was cloned. For example, copying a submission. This exception occurred when navigating back to the original policy transaction.
PC-36480	If a pending policy transaction is archived, it is now displayed as archived on the Policy Summary screen.
PC-36485	Fixed an issue where the ClaimCenter Typelist Generator removed typecodes that were a part of ClaimCenter in <code>CovTermPattern</code> typelist. If you have other ClaimCenter typecodes that you want the Generator to preserve, go into <code>ProductModelTypelistGenerator.gs</code> in the <code>pc1000</code> directory and add the name of the typecodes to <code>_covTermPatternCCAddedTypelistCategories</code> . The ClaimCenter Typelist Generator re-adds manually deleted <code>CoverageSubtype</code> typecodes. If you do not want these re-added, view the typelist as XML and comment out the <code>CoverageSubtype</code> typecodes instead of deleting them.
PC-36546	Fixed an issue where bound audit policy periods were not included when filtering for bound policy periods. Bound audit policy periods have <code>PolicyPeriod</code> status set to <code>AuditComplete</code> .
PC-36603	Improved quote times with changes to <code>RateBookCache</code> start up and refresh that reduce database queries.
PC-36628	Fixed issues that occurred when undoing a transaction: • The Discard Unsaved Change link sometimes did not work • Clicking Cancel it caused an illegal state exception error
PC-36631	The <code>MessageHistory#Policy</code> foreign key is no longer deprecated and is populated with the related <code>Policy</code> .
PC-36632	The <code>Policy</code> column on the <code>Message</code> entity is no longer deprecated. This change ensures that the <code>Policy</code> column is populated when creating the <code>Message</code> .
PC-36647	With this fix, on the first quote of an out-of-sequence policy change, all out-of-sequence conflicts now appear in the conflict list.
PC-36654	The system permission type <code>cancelreschedule</code> had an incorrect label and was revised to display the correct label, Cancellation reschedule .
PC-36673	After importing Lookup Table Definitions, underwriting rules that use these definitions are now validated.
PC-36684	Fixed an issue which caused an <code>IllegalArgumentException</code> when withdrawing a transaction with validation errors.
PC-36700	In PolicyCenter 9.0.0, the configuration upgrade tools changed, and the <code>gwb</code> command to upgrade the product model, <code>gwb upgradeProductModelStructure</code> , was no longer used during the upgrade process. In PolicyCenter 10.0.1, this functionality was completely disabled. This command has now been removed. See the <i>Configuration Upgrade Guide</i> for more information on upgrading the product model.
PC-36702	When you choose a payment plan that is a multiple of months (such as quarterly or six month) and also choose to override the invoice and fill in the override day, the Payment Override popup now includes invoice information. This fix requires BillingCenter 10.0.1.
PC-36745	On the Administration→Monitoring→Message screen, you can now search for messages without specifying a Transaction Number , Policy Number , or Account Number . Leaving fields blank searches for all messages.

ID	Description
PC-36753	In an out-of-sequence policy transaction, calling <code>IMLine.IMAccountsRecPart</code> or from any other <code>IMCoveragePart</code> on <code>IMLine</code>) can cause an illegal state exception. To avoid this issue, use <code>InlandMarineLineEnhancement#getAllExistingCoverageParts</code> instead. The Gosu classes, <code>IMAccountsRecPartEnhancement#CurrentAndFutureIMAccountsReceivables</code> , <code>ContractorsEquipmentPartEnhancement#CurrentAndFutureContractorsEquipments</code> and <code>IMSignPartEnhancement#CurrentAndFutureIMSigns</code> now use <code>InlandMarineLineEnhancement#getAllExistingCoverageParts</code> instead of <code>IMLine#IMAccountsRecPart</code> method to avoid this issue.
PC-36760	Product model display keys now switch to English if you select English when the <code>DefaultApplicationLanguage</code> is set to another language.
PC-36768	Fixed an issue which caused side-by-side quote to throw an <code>EffDatedVersionListOverlapException</code> .
PC-36769	Fixed an issue where some changes to intermediate slices in a multi-slice transaction did not propagate forward.
PC-36777	Fixed an issue in side-by-side quoting. This issue caused an <code>IllegalStateException</code> : Duplicate key Total premium over authority.
PC-36778	Enabled sorting on all columns on the Account Holder Summary , Account Summary , and Policy Summary screens.
PC-36779	Fixed an issue where out-of-sequence policy changes on certain coverages in Homeowners were not reported to the user.
PC-36782	Fixed an issue where PolicyCenter failed to start due to a compilation error during rate book preload when rating worksheets were enabled.
PC-36791	Fixed an issue which caused an <code>IllegalStateException</code> : Duplicate key in jurisdiction due to duplicate vehicles at different slices.
PC-36808	When you move a policy to another account, the Policy Moved history event now includes <code>Policy.ID</code> .
PC-36813	Fixed an issue where a coverage was added erroneously to a blanket when quoting a policy change.
PC-36846	Fixed an issue where the Payment screen of a bound reinstatement caused a null pointer exception and displayed the error message Could not retrieve available payment plans from Billing System .
PC-36857	Fixed an issue that caused a null pointer exception after adding a new facultative agreement.
PC-36906	When a PolicyCenter contact was updated from <code>ContactManager</code> , the update to the PolicyCenter contact did not include the Geocode status. The Geocode status is now updated in PolicyCenter.
PC-37066	Fixed an issue that occurred when using a newly defined parameter which allowed multiple values. If you added rows in your Rate Table Definition which contain blank values, a Null Pointer Exception was thrown.
PC-37325	In the integration with BillingCenter 10, on the Policy Billing dashboard the billed amount and paid amount are now updated to the correct values provided by BillingCenter.
PC-37367	Fixed an issue where <code>PolicyPeriod#getFutureBoundDate</code> did not return dates of policy periods that were bound before the current period was bound.
PC-37540	Fixed an issue which caused the Purge work queue to throw an exception: <code>IllegalStateException: Attempt to access bean of type "Policy" id=xxxxxxx with a null bundle</code> . When the work queue retried purging, it failed with this message: <code>Failed to load StandardWorkItem</code> .
PC-37546	Improved performance of copying a submission (Actions → Copy). Testing was performed on commercial policies with 2000 or more coverables.
PC-37547	In Guidewire Rating Management, improved quoting performance by reducing map lookups in <code>RateBookCacheState</code> .
PC-37550	Fixed an issue that caused exceptions while quoting with exceptionally large rate routines.
PC-37686	Fixed an issue which cause an illegal state exception when viewing Rating Worksheet on renewal. The exception was: <code>java.lang.IllegalStateException: This iterable has more than one element in it</code> . This also occurred when selecting Show Rating Worksheet on the Renewal Quote screen.

ID	Description
PC-37688	Fixed an issue in personal auto quick quote where line costs were not calculated correctly for the given vehicles. This issue was only in quick quote; full quote was quoting correctly.
PC-37875	Product Designer was adding duplicate coverage codes for multiple subtypes. The fix ensures that no duplicates are added and that all added codes are unique.
PC-38484	On the New Rate Table Definition screen, the items in the Physical Column drop-down list are now sorted alphabetically.

ContactManager improvements and resolved issues

ID	Description
CTC-4108	Fixed a display error on the Potential Duplicate Contacts screen that associated fields with contacts incorrectly.
CTC-4254	Fixed an issue with contact addresses in ContactManager getting out of sync with core applications after geocoding an address. ContactManager now sends an update message to the core applications when a contact has been newly created, since a contact can be changed on creation with preupate rules in ContactManager.
CTC-4281	Navigating to Internal Tools and reloading the workflow engine no longer displays a null pointer exception.
CTC-4285	Fixed an issue with contact mapping code that required that array property names start with an initial uppercase letter. Now properties of arrays that are added to contacts can start with either lowercase or uppercase letters.
CTC-4341	Fixed an issue where an exception would be thrown during contact synchronization if more than one ContactAddress had a null AddressBookUID.

Platform improvements and resolved issues

ID	Description
ISPL-920	Fixed an issue where gwb genDataMapping would run endlessly and not return.
PL-30716	Fixed an issue that caused a Null Pointer Exception in the generation of the Oracle AWR report if the Oracle RAC environment did not have an instance 1.
PL-30981	Clarified a confusing validation error message.
PL-33480	Fixed an issue that caused a Null Pointer Exception while generating ASH information during an upgrade if the version trigger took longer than the defined threshold and there were no ASH events.
PL-34134	Fixed the template tools testing of document templates. If you use additional symbols, you must declare them in the required symbols property of the descriptor. Note that the required symbols property has the following Gosu syntax: <name>[:<type>][, . . .]. If the required symbols property is a single token, the token must contain both the symbol name and the type.
PL-34756	Archived document upgrade version triggers can now be specified and executed in any order.
PL-34779	Fixed an issue in which the Query Builder API did not detect that an incorrect join was requested, which caused the generation of incorrect SQL.
PL-36707	You can now choose whether to create an index for spatial point data. This choice exists both for extension entities and for custom entities. A new createSpatialIndex parameter under the <columnParam> subelement of a <column-override> or <column> element indicates this choice.
PL-36891	Fixed an issue that caused the aggregation page of the SQL Server DMV Snapshot report to have incomplete information.
PL-37356	Fixed an issue with the DBFunction.constant() method not accepting null as an argument.

ID	Description
PL-37364	Fixed an issue with using a JNDI connection pool and the Oracle database that did not correctly set the action name.
PL-37525	Fixed an issue that caused the Database Statistics download to fail with the following exception: - ORA-01854: julian date must be between 1 and 5373484
PL-37578	Fixed an issue where, due to a Microsoft limitation, alter table database changes did not trigger transactional replication during an upgrade of a SQL Server database.
PL-37583	Fixed an issue that caused PolicyCenter to throw an exception if there was more than one instance of ContactAddress with a null ABUID.
PL-37586	PolicyCenter has improved the logging of informational messages in the application log during the generation of a SQL Server performance report.
PL-37647	When running the command <code>system_tools</code> , the value of a Boolean parameter must be either true or false. The tool fails if another value is provided.
PL-37722	Fixed an issue where enabling a foreign key in Oracle could fail if the primary key constraints and indexes did not match the expected naming convention. Such naming mismatches are now detected at startup and primary key constraints and indexes are renamed to indicate the table name.
PL-37736	Added support for encryption of longtext columns, such as the <code>Note.Body</code> column, in entity types. Columns of type longtext now accept the encryption column parameter.
PL-37757	Fixed an error when searching for an item when the search criteria for the assigned user is set to None .
PL-37786	Fixed an issue where the Oracle ACTION field was not included in the AWR report for upgrade triggers.
PL-37832	Fixed an issue that prevented reporting of unchanged array elements in <code>GXModel</code> objects during an incremental export.
PL-37852	The values specified in the HTTP Content-Type entity header are case insensitive. Previous releases interpreted the values as case sensitive.
PL-37882	Fixed an issue that caused a <code>SchemaTransformationException</code> exception during database upgrade if a table in the database contained a column that was not included in an entity definition.
PL-37902	Fixed an issue that caused a "Java code too long" error when upgrading a configuration with a very large type-list.
PL-37907	Fixed an issue that caused the cache to refresh constantly if the specified value of the cache-refresh interval was too large.
PL-37936	Fixed an issue that caused the Server Tools Domain Graph Info screen to not load.
PL-37942	Fixed an issue that caused the <code>gwb genDataDictionary</code> command to fail and throw a null pointer exception.
PL-37965	Fixed an issue with the <code>PurgeWorkflows</code> batch process so that work queue reports show the correct number of items processed.
PL-37877	Updated the contents of the obsolete <code>contact-sync-config.xml</code> file to state that the file is no longer used.
PL-37924	With this release, Guidewire supports the use of TLS 1.2 to encrypt communications between the database driver and the Oracle database. This release includes an Oracle-patched version of the JDBC driver (OJDBC version 12.1.0.2.0, patched). You must copy this driver to any external data source (the JNDI option in <code>file database-config.xml</code>).
PL-37925	PolicyCenter has updated the bundled Microsoft JDBC driver to the latest version compatible with the Java library supported in this release. You must copy this driver to any external data source (JNDI option in the configuration).

ID	Description
	With this driver and other changes, TLS 1.2 network connections to the database are enabled. Other changes include: • Update database-config.xml to add this attribute to the JDBC URL parameter: ;sslProtocol=TLSv1.2. • Update the SQL Server 2014 database server instance to Service Pack 1 (SP1), Cumulative Update 1 (CU#1). • Download and install the Java Cryptography Extension (JCE) Unlimited Strength Jurisdiction Policy Files to the \jdk1.8.0_152\jre\lib\security folder.
PL-37926	PolicyCenter now trims work item stack trace exceptions to a shorter length if the stack trace is longer than the LogicalSize value for longtext . (The default is 65,000 characters.) This fixes an issue in which an exception stack trace of length greater than 65,000 characters caused excessive wait times before the retrieval of failed work items.
PL-37955	Fixed an issue that caused the Document Management Service servlet (DMSServlet) to throw an exception upon initialization. The DMSServlet is initialized during the first call to a GosuServlet.
PL-37971	Fixed an issue that prevented access to Cognos reports. The issue manifested whenever a user name was passed to an LDAP application server and the name included a backslash character that did not comply with LDAPv3 RFC 2253. By default, compliance with RFC 2253 is enabled. To disable compliance, set the application server system property <code>gw.ldapserver.ActiveDirectoryCompatibilityMode</code> to true.
PL-38043	Fixed an issue that caused casting a non-numeric string to a number type to return 0 instead of throwing an exception.
PL-38131	Improved the performance of the Exchange Rates cache for systems that had configured a large number of currencies.
PLWEB-6817	Fixed an issue that caused a JavaScript error if template inputs or cells (such as <code>ClaimContactInput</code>) were used as the target of a targeted post on change.
PLWEB-6893	Fixed an issue where the key shortcut Alt+N to create a new note would not work.
PLWEB-7056	Fixed an issue where a <code>MonetaryAmountInput</code> in a cell could not be right aligned in edit mode.
PLWEB-7075	Fixed an issue where a number key on the keypad would not work properly as a shortcut key in the sidebar.
PLWEB-7077	Fixed an issue where the <code>Save</code> button in a wizard in edit mode would incorrectly remain enabled after closing an editable popup.
PLWEB-7108	Fixed an issue where setting <code>reflectOnBottom</code> to true and also setting <code>defaultButton</code> would truncate the buttons.
PLWEB-7111	Fixed an issue where a <code>RangeInput</code> using the <code>optionGroupLabel</code> property would not display correctly.
PLWEB-7127	Fixed an issue where a date entered with the format 'YYYYMMDDHHMM' would not be recognized.
US27249	Fixed an error that would occur when downloading a document.
US32760	Centered the Today button on the Japanese date picker.
US38900	Fixed an issue where the <code>TextArea</code> input would not wrap.
US38939	Fixed an issue with the Japanese date picker when choosing a single digit year in an era.
US38940	Added support for selecting the previous or next row in a list detail view using the the arrow keys.
US40954	Fixed an issue where a date picker in the sidebar would disappear after collapsing the sidebar.
US41048	Fixed an issue where fields updated as the result of a post on change were not flagged as changed.
US41319	Fixed an issue where you could not type hard-coded non-wildcard characters into an input mask field.

ID	Description
US41398	Fixed an issue where the sidebar icons in wizards would not appear correctly.
US41424	Fixed the arrow key navigation in the list view columns menu.
US41744	Fixed an issue with missing info bar images.
US41981	Reduced the PreFormattedTextWidget font size.
US42172	Fixed an issue where the cursor would be in the wrong position when clicking in the Japanese date picker.
US42354	Fixed an issue where a check box in a cell would appear in the wrong position.
US42423	Fixed an issue where modified files under modules/configuration/webresources would not be recognized.
US42850	Fixed an issue where right-clicking on an active control in Firefox activated the control instead of showing the context menu.
US43346	Fixed an exception that occurred when upgrading a RangeInput that set a valueSectionWidth.
US43402	Fixed an issue where attempting to validate virtual fields would cause an exception.
US43859	Fixed an issue where completing an activity in the Workplan list view would display validation errors but not warnings. Both errors and warnings are now displayed.
US44899	Fixed an issue where a privacy field populated through reflection would appear blank.
US44900	Increased the size of the area used to drag and drop files to upload.
US45052	Fixed an issue where clicking on a document link would open and close too quickly.
US45053	Fixed an issue where the text in a drop-down list might extend beyond the edges of the list.
US45583	Fixed an issue in the date picker with using the Enter key to select a date.
US45787	Added the following new PCF widgets: EmbeddedInput, EmbeddedPanel, EmbeddedWidgetRef, EmbeddedWidgetRequestType
US45908	Added support for using numbers on the number pad for keyboard shortcuts.
US46369	Fixed an issue where a validation error in a wizard for a particular field would not identify the correct location of the error if the field could be edited in multiple wizard steps.
US47074	Fixed an issue where you could not resize columns in list detail views.
US47525	Added support for a "group by" option in both single and multiselect drop-down lists.
US47690	Fixed an issue where the header controls in the Japanese date picker would not work correctly.
US48111	Fixed an issue with keyboard navigation in a list view.
US48240	Added support for panel dividers in panel sets.

Upgrade to PolicyCenter after running ETL Product Model Loader extension pack (DOC-10285)

Issue

Upgrading to PolicyCenter 8.0.3 or later after running ETL Product Model Loader extension pack may require a manual drop of some tables.

In PolicyCenter 8.0.3, the ETL Product Model Loader Extension Pack functionality moved into the core PolicyCenter product. The extension pack created ETL database tables with `pcx_` as the prefix. PolicyCenter 8.0.3 and later create ETL database tables with `pc_` as the prefix. If you ran this extension pack with a prior version of PolicyCenter, you will have stale tables after upgrading to PolicyCenter 8.0.3 or later. The upgrade does not fail, but the server detects extra tables in the database.

Workaround

To remove these stale tables, manually drop the old `pcx_` tables created by the ETL Product Model Loader extension pack. The ETL Product Model Loader Extension Pack created these tables:

- `pcx_etlclausepattern`
- `pcx_etlcovertermpattern`
- `pcx_etlcovertermoption`
- `pcx_etlcovertermpackage`
- `pcx_etlpackterm`
- `pcx_etlmodifierpattern`
- `pcx_etlratefactorpattern`

You may also need to update your ETL code to reference the new tables.

Then, when upgrading, overwrite or merge ETL product model loader files in your configuration.

Major issues and changes

This section contains issues and major changes that may affect your installation. For more information on new features and major changes, see *New and Changed Guide*.

Chinese language resources are for demonstration purposes only

This release includes Chinese language resources in the base configuration. These resources are provided only for demonstration purposes, and are not supported for production use.

Generated reports on changes

The following are generated reports of changes between releases.

Guidewire also provides a report detailing certain differences between the current release and your prior release. This report describes changes in display keys, entities, typelists, and the Gosu API. To obtain your custom *Upgrade Diff* report, visit the Guidewire Community and search for knowledge article 7898, "How to find reports detailing differences between earlier and later releases of Guidewire core products".

Changes between releases 9.0.5 and 10.0.0

The following are generated reports of changes in this release.

Base resources

To view a report of the changes to the base resources, [click here](#).

Base PCF files

To view a report of the changes to the base PCF files, [click here](#).

To view a report of the changes to the base PCF files for ContactManager, [click here](#).

Base rules

To view a report of the changes to the base rules files for ContactManager, [click here](#).

Improvements and resolved issues

Guidewire attempts to provide information for issues of primary importance to our customers. This list is not intended to be comprehensive.

PolicyCenter improvements and resolved issues

ID	Description
PC-18156	On UWIssue, to prevent duplicate issue types, an IssueKey with leading or trailing white space is no longer allowed.
PC-22809	Required coverages now have a check box showing that the coverage is selected. Because the coverage is required, the check box value cannot be changed.
PC-23301	There is now a warning-level version check for multiple rows with same ABUID for ContactManager linked entities. If this check is triggered, examine your data to determine the extent of the duplicate ABUID values.
PC-33439	Adding an existing Policy Location on a businessowners submission after adding a new policy location now appears in the Location list view.
PC-33681	For submissions, ProducerCodeOfRecord and ProducerCodeOfService are automatically synced up when modifying producerCode on EffectiveDatedFields. The check for validating producer code is now always done on bind and not only when out of sync with ProducerCodeOfService.
PC-33737	Calls to JobProcess#canWithdrawJob are now null-safe in cases where the Branch has no attached Job, for example preemption branches.
PC-33848	Updated description of the RestrictSearchesToPermittedItems parameter in config.xml. This restricts search results to items that the user has permission to view in contact search screens. This does not impact any other searches in PolicyCenter.
PC-33977	The phone number tooltip on all search screens now uses the current user's phone country preference.
PC-34001	Fixed an issue where a policy renewal was not possible after cancellation and reinstate with a gap introduced by rewrite.
PC-34434	Fixed an issue where the product model generator added a coverage multiple times for a policy type in the PolicyType typelist. For example, in the generated PolicyType.ttx file in the product model generator output folder, some of the category values repeated.
PC-34506	Modifier type in policy versions diff tree is now localized.
PC-34631	Fixed a race condition in ModifiersListViewHelper.

ID	Description
PC-34689	If an effdated bean, such as a personal vehicle, is removed then added in a policy change, the changes are correctly taken into account when they are applied to an unbound renewal, with no loss of information.
PC-34746	Improved performance on policies with long underwriting histories. Changed <code>gw.job.uw.UWIssueEnhancement.getHistories()</code> .
PC-34923	Fixed an issue in <code>RateQuery.Select</code> method that caused a null pointer exception.
PC-34955	Fixed an issue where multiple users could concurrently change data on a popup, leading to duplicate results.
PC-35032	Fixed an issue where displaying the rating worksheet resulted in a SQL Server error because of reaching the limit on bind variables.
PC-35054	It is now forbidden to add lookups with Unavailable status during Rolling Upgrade. This was previously a known issue.
PC-35148	Improved performance for attaching the reinsurable risk to the applicable reinsurance agreements by eliminating unnecessary queries. Also, to improve performance, in calls to <code>RIRiskVLFinder#addVersionList(String, Bundle, PolicyPeriod)</code> , Guidewire suggests you pass in a null <code>String</code> if you want PolicyCenter to generate a new risk number using <code>IReinsuranceConfigPlugin</code> automatically. This is more efficient than generating it first and then passing it in.
PC-35195	The Policy Review screen now shows differences for entities that are zero-width, for example as a result of being removed on the same date that they were effective.
PC-35308	The method <code>getFutureRenewals</code> now returns all future renewal periods that are the most recent model and are not flat canceled. Previously, it only returned the next renewal of the current period and not all future ones.
PC-35404	The Apply Pending Account Data Updates process is now implemented as a work queue.
PC-35437	Fixed an issue where removing then adding coverages again caused an exception after changing the edit effective date.
PC-35481	Previously the Currency field was locked for the <code>CovTermDefault</code> and <code>CovTermLimits</code> product model patterns only, but now it is locked consistently across the <code>CovTermDefault</code> , <code>CovTermLimits</code> , <code>CovTermOpt</code> , and <code>CovTermPack</code> patterns.
PC-35512	In a submission with out-of-sequence objects, out-of-sequence objects are now correctly merged after quote.
PC-35573	When starting a renewal policy transaction, the term type on the renewal period will always be the default term type defined for the product.
PC-35585	Fixed an issue that occurred when a policy change was initiated and issued between the time the renewal was started and before it was quoted. This error appeared when quoting the renewal: The address for policy #XXXXXX has no corresponding contact address.
PC-35671	Improved performance in <code>PolicyNamedInsuredEnhancement#getOfficialIDsForState</code> by preventing unnecessary calls to an expensive query.
PC-35688	Fixed an issue where the Authority Profile screen for imported authority grants had incorrect values in the Comparison column. This occurred after importing administration data using Administration→Utilities→Import Data .
PC-35700	Fixed an issue that caused the renewal batch process to fail. This issue was related to the setting of <code>MostRecentTerm</code> on <code>PolicyTerm</code> .
PC-35745	In a rewrite policy transaction, Versions→Start Multi-Version is now available.
PC-35765	Rating worksheets now display <code>CodeIdentifier</code> of a coverage.
PC-35802	Fixed an issue where UW Authority Profiles with localized number formats caused validation errors.
PC-35821	Side-by-side quoting is now available for rewrite policy transactions.
PC-35824	Fixed an issue where <code>SideBySideProcess</code> did not set up the correct user locale and language when quoting alternate versions. This could lead to incorrectly localized strings in error messages.
PC-35829	Fixed an issue where revising a revised final audit generated an exception when quoting.

ID	Description
PC-35834	Fixed an issue which caused a false out-of-sequence cancellation warning after changing the Edit Effective Date of a cancellation to an earlier time.
PC-36040	In the integration with BillingCenter 9, PolicyCenter only sends the primary address when sending information about the Contact. Prior releases sent all available addresses for the Contact, identifying the primary address with a Primary flag. This change was made to address an issue where contacts were getting out of sync between BillingCenter and ContactManager.
PC-36274	ProductModelObjectBase#equals now takes into consideration product model pattern type. Both product model pattern type and public ID are required to uniquely identify product model patterns.

ContactManager improvements and resolved issues

ID	Description
CTC-4264	Renamed the Superuser role to All Permissions (Deprecated).
CTC-4275	ContactManager was not using an ExternalID sent to it from PolicyCenter to set the LinkID for an associated Address and ContactAddress. ContactManager now correctly uses the ExternalID that PolicyCenter sends it for a Contact to populate the LinkID fields in ABAddress and ABContactAddress.

Platform improvements and resolved issues

ID	Description
PL-30235	Fixed a bug where calling an overloaded method or constructor with named arguments could fail to resolve the correct overload. In cases where one overload chains to another, the error could result in a "self-recursion" compilation error.
PL-30020	Fixed an issue that was causing some redundant integrity checks to be run when using the -allreferencesallowed parameter to table_import.

PolicyCenter known issues

View installment plan causes exception (ISPC-111)

Status

Open

Issue

When integrated with BillingCenter, an exception can occur on the **Payment** screen when clicking to view the schedule for an **Installment Plan**. The exception is: Could not retrieve selected installments plan preview from Billing System: java.lang.IllegalStateException: ... This exception occurs if the policy has a bound reinstatement. This occurs because BillingCenter is unable to return the reinstatement invoices.

Workaround

Remove the code that causes the exception by commenting out the following lines in BCBillingSystemPlugin#updateWithInvoicesFromOtherPolicies:

```
/*
    var bcInvoiceOtherPolicies = getInvoicesOtherPolicies(policyPeriod, paymentPlan.BillingId, fromDate, toDate)
    var pcInvoicesOtherPolicies = convertToPolicyCenterPaymentPreviewItems(bcInvoiceOtherPolicies,
    policyPeriod.PreferredSettlementCurrency)
    pcInvoicesOtherPolicies = pcInvoicesOtherPolicies.orderBy( \elt -> elt.DueDate).toArray(pcInvoicesOtherPolicies)
    billingPaymentsPreview.InvoicesOtherPolicies = pcInvoicesOtherPolicies
*/
```

Installment count incorrect after policy change (ISPC-382)

Status

Open

Issue

When viewing the **Payment** screen after a policy change, the **Installment** field shows an incorrect value of zero instead of the number of installments selected in the payment plan when the policy change was bound.

Workaround

Guidewire is aware of this issue.

Re-adding coverable results in an Illegal State Exception (ISPC-403)

Status

Open

Issue

An Illegal State Exception occurs under the following conditions:

1. Remove a coverable, such as a vehicle, from a policy in a policy change, then issue the policy change.
2. Start another policy change for a later date, add the coverable back to the policy, and quote.
3. Change the edit effective date of the policy change.

Workaround

Withdraw the second policy change. Then start a policy change for the new effective date, then add the coverable back to the policy.

Waiving final audit or premium report throws BadIdentifierException (ISPC-407)

Status

Open

Issue

If you start a final audit and select **Waive** as the close option, PolicyCenter throws a `BadIdentifierException`. The waive final audit message is not sent to BillingCenter. This also affect premium reports.

Workaround

Waive the final audit from the **Audit Schedule** screen.

Final audit setting changes if billing method changed in BillingCenter (ISPC-409)

Status

Open

Issue

On renewal, final audit is changed from **No** to **Determined by business rule** when the billing method and payment plan have been changed in BillingCenter before starting the renewal. This also occurs with rewrite.

Workaround

Manually reset **Final Audit** to **No**.

PolicyPeriod.removeFromForms method causes DBCC error (ISPC-411)

Status

Open

Issue

The `PolicyPeriod.removeFromForms` method causes a DBCC error.

Workaround

Do not use this method.

Billing integration error when final audit is waived from audit policy transaction (ISPC-413)

Status

Open

Issue

When the user waives a final audit from within a running audit policy transaction, the BillingCenter integration sends an incomplete message to BillingCenter. The message does not include the term number of the policy period. BillingCenter needs the term number to identify the BillingCenter policy period that needs the change.

Workaround

Guidewire is aware of this issue.

Turning on EnableRateRoutinesJar in systems with existing data can prevent rating (ISPC-1717)

Status

Fixed in 10.1.0

Issue

Setting the EnableRateRoutinesJar configuration parameter to true on a system that has existing data can cause users to get `gw.lang.parser.EvaluationException` exceptions that cause rating to fail in policy transactions.

Workaround

In the implementation of `RateBookPreloadPlugin`, modify `getRateBooksToExportToJar` to return all rate books that may be used in rating. For example:

```
override property get RateBooksToExportToJAR() : Iterable<RateBook> {  
    return Query.make(RateBook).compare(RateBook#Status, Equals, TC_ACTIVE).select().toCollection()  
}
```

Gosu change prevents some rate routines from validating (ISPC-2064)

Status

Open

Issue

Gosu changed to not allow automatic conversion or coercion between `String` and typekeys. In Guidewire Rating Management, this prevents some rate routines from earlier versions of PolicyCenter from validating successfully.

Workaround

Guidewire is aware of this issue.

ContactManager known issues

RelatedABContactSearchCriteria searches do not work (ISCM-74)

Status

Open

Issue

Using the RelatedABContactSearchCriteria entity and the CriteriaDef elements that are defined for it in search-config.xml is not supported in this version of ContactManager.

Workaround

Do not use them. Guidewire is aware of this issue.

GDPR - Not returning ManualInterventionRequired status when an exception thrown during purging (ISCM-42)

Status

Open

Issue

The ABPersonalDataDestroyer class does not return the correct status when an unknown exception is caught.

Workaround

Open the ABPersonalDataDestroyer class in Guidewire Studio and make the following changes:

In private function destroyContact(contact: ABContact), change the return value of the following code:

```
} catch (e: Exception) {  
  ABPersonalDataLogUtil.logErrorNotDestroyed(contact, e)  
  return ContactDestructionStatus.TC_NOTDESTROYED
```

Change the return value to:

```
return ContactDestructionStatus.TC_MANUALINTERVENTIONREQUIRED
```


Advanced Product Designer known issues

Generating product code in non-English locale

Status

Open

Issue

In Advanced Product Designer, you may encounter issues when generating product code in a non-English locale.

Workaround

Switch to the default locale before generating product code.

Localizing Package coverage term content fields

Status

Open

Issue

You cannot localize **Package** coverage term content fields in Advanced Product Designer screens.

Workaround

Localize **Package** coverage term content fields in Guidewire Product Designer or Guidewire Studio.

Schedule generation when CoveragePattern already exists in generated product (APD-545)

Status

Fixed in 10.1.1

Issue

When regenerating a product, if a **CoveragePattern** already exists, then any schedule on that coverage is lost. If there was a schedule on the previously-generated **CoveragePattern**, it is removed. If the existing **CoveragePattern** did not have a schedule, a new one is not generated.

Workaround

In Guidewire Studio, add all schedules back to their **CoveragePattern**.

Deleted cost codes not removed (APD-728)

Status

Open

Issue

Deleting a cost code from the **Cost Definition Codes** popup without regenerating the system table has no effect. Deleted codes are not removed from existing cost definitions. This is because the backing system table only gets updated when you select **Regenerate System Table XML**. Deleting a cost code from the **Cost Definition Codes** popup behaves the same when accessed through **Product Management** and submissions.

Workaround

After deleting a cost code, regenerate the system table.

No Rating Overrides screen in product generated from Advanced Product Designer (APD-1028)

Status

Open

Issue

In products generated from Advanced Product Designer, there is an **Override Rating** button. However, there is no **Rating Overrides** screen in the generated product.

Workaround

If the product supports rating overrides, add the **Rating Overrides** screen in Guidewire Studio. Otherwise, remove the **Override Rating** button in Studio.

Clause term lookups are incorrect when re-generating a line (APD-1059)

Status

Fixed in 10.1.1

Issue

After generating a product, if you add or remove a clause term, then regenerate the product, you will encounter errors that prevent the server from starting.

If you remove an existing option or package term and re-generate, the term is removed from the product model files as expected. However, the lookup entities for the option and package values are not removed. They are still in the clause's `-lookups.xml` file, which causes the server startup to fail:

```
java.lang.NullPointerException: null
    at com.guidewire.pc.domain.productmodel.impl.CovTermOptLookupImpl.initialiseDenormField(CovTermOptLookupImpl.java:39) ~[classes/:?]
    at com.guidewire.pc.domain.productmodel.impl.CovTermOptLookupImpl.beforeInsert(CovTermOptLookupImpl.java:29) ~[classes/:?]
    at entity.SCPSingleCoverageOptLookup$Internal.beforeInsert(SCPSingleCoverageOptLookup.java:63) ~[classes/:?]
```

If you add a new term to an existing clause and regenerate, the term is created in the product model but its lookup entity is not. There is no entry for the new term in the `-lookups.xml` file. This causes an error at startup:

```
[1] INFO Limit [OptionCovTermPattern] : - 1 error(s) in OptionCovTermPattern "Limit"
[1] INFO Limit [Lookups] : - 1 error(s) in SCPSingleCoverageTermLookups
[1] ERROR Limit (PolicyLinePatternCode:SingleCoverageLine) [field : CovTermPatternCode] : - No lookups found. Use Product Designer to fix this issue.
```

Workaround

The simplest way to resolve the issue is to first remove the existing installed version of the product before re-generating. This clears out the originally generated files and avoids the known issue.

If you cannot start over for some reason, then you can edit the lookup table XML file that is generated for the coverage.

For example, there is an RSB line with an Operations coverage. There are two terms on the coverage, Extra Expenses (an option term) and Overhead. You can generate and install this product without issues. But this issue occurs if you modify the terms on this coverage by removing Extra Expenses option term and adding a Security option term.

The lookup file is generated in `config/resources/productmodel/policylinepatterns`. In this example, `RSBLine/coveragepatterns/RSBOperations-lookups.xml`.

When you remove an option or package term like Extra Expenses, the regenerated lookup file still contains references to the removed term. You need to remove all the `OptLookup` and `PackLookup` XML elements that mention Extra Expenses, such as the one below:

```
<RSBReallySmallBusinessOptLookup public-id="z03iab5odomjgb3cupvk2jfbvh9">
  <Availability>Available</Availability>
  <CovTermOptCode>RSBOperationsExtraExpenses1000usd</CovTermOptCode>
  <CovTermPatternCode>RSBOperationsExtraExpenses</CovTermPatternCode>
  <EndEffectiveDate/>
  <StartEffectiveDate>2000-01-01 00:00:00.000</StartEffectiveDate>
  <State/>
  <Currency>usd</Currency>
</RSBReallySmallBusinessOptLookup>
```

When you add a new term like Security, the regenerated lookup file does not contain an entry for the new term. You need to add an entry to the lookup file. (There may be an existing one in the file that you can use as a model.) It needs to look something like this:

```
<RSBReallySmallBusinessTermLookup public-id="zkshsdhc6mas8dp1cv45a62tfgb">
  <Availability>Available</Availability>
  <CovTermPatternCode>RSBOperationsSecurity</CovTermPatternCode>
  <EndEffectiveDate/>
  <PolicyLinePatternCode>ReallySmallBusinessLine</PolicyLinePatternCode>
  <StartEffectiveDate>2000-01-01 00:00:00.000</StartEffectiveDate>
  <State/>
</RSBReallySmallBusinessTermLookup>}}
```

The top-level XML element name is generated from the line prefix and the typename of the coverable that owns the clause. In this example, the line prefix is RSB and the coverable typename is `ReallySmallBusiness`, so the XML element is `RSBReallySmallBusinessTermLookup`.

The `public-id` attribute must be a unique value.

The `CovTermPatternCode` is the line prefix (RSB), the coverage short name (Operations) and the term short name (Security).

The `PolicyLinePatternCode` is the line's identifier (`ReallySmallBusinessLine`).

In mind map, scheduled item needs at least one schedule term (APD-1074)

Status

Fixed in 10.1.1

Issue

When modeling schedules in a mind map, each scheduled item must have at least one schedule term. You can import this mind map to Advanced Product Designer. However, if a scheduled item has no schedule terms, you get an error when you generate the product.

Workaround

Add at least one scheduled term to each scheduled item in the mind map.

File not found exception when generating product (APD-1089)

Status

Open

Issue

If you generate product code on a visualized product, you get a file not found exception if you do not start PolicyCenter from Guidewire Studio.

Workaround

If you need to generate product code, start PolicyCenter from Studio.

Null pointer exception when generating product without required fields (APD-1121)

Status

Fixed in 10.1.1

Issue

If you have not entered values for all fields marked with **(*PD)**, PolicyCenter may throw a null pointer exception when you click **Generate Product Code**. The stack trace is:

```
java.lang.NullPointerException: null
  at java.lang.String.concat(String.java:1937) ~[?:?]
  at gw.apd.model.generate.CoverableGenerator.generateConfig(CoverableGenerator.gs:104) ~[classes/:?]
  at gw.apd.model.generate.ProductLineGenerator.generateConfig(ProductLineGenerator.gs:194) ~[classes/:?]
  at gw.apd.model.generate.ProductGeneratorHelper$block_1_.invoke(ProductGeneratorHelper.gs:65) ~[classes/:?]
  at gw.lang.enhancements.CoreArrayEnhancement.each(CoreArrayEnhancement.gs:237) ~[gosu-core-api-
precompiled-1.14.18.jar:1.14.18]
  at gw.apd.model.generate.ProductGeneratorHelper.generate(ProductGeneratorHelper.gs:65) ~[classes/:?]
  at gw.apd.model.generate.ProductGeneratorHelper.compareChecksum(ProductGeneratorHelper.gs:53) ~[classes/:?]
  at pcfc.expressions.GenerateSourceCodePopupExpressions
$GenerateSourceCodePopupExpressionsImpl.afterEnter_18(GenerateSourceCodePopupExpressions.gs:30) ~[classes/:?]
```

Workaround

The screen shows where the errors occurred. For example, you may see a message like: **PolicyLine Subtype, excluding prefix must be defined** or **Short Name must be defined**. Enter values for these fields and try to generate again.

Basis attribute pointing to product line causes duplicate foreign key (APD-1160)

Status

Fixed in 10.1.2

Issue

In a generated product, duplicate foreign keys are created if you set **Basis Attribute** to a field on the product line from a risk object coverage. You will get an error message when generating the product, but the product

generation succeeds. In the generated product, *ProductLineCost.eti* and *RiskObjectCovCost.eti* have foreign keys to the product line. The *RiskObjectCovCost* foreign key duplicates the foreign key on *ProductLineCost*, causing a collision. The error message is:

```
A field with name xxxx is already defined at path/entity.eti
```

Workaround

Remove the foreign key from the *CovCost.eti* file.

Coverage terms changes in Product Designer overwritten on product regeneration (APD-1169)

Status

Open

Issue

When you regenerate the product, all changes made to coverage terms in Product Designer are overwritten. New coverage terms added in Product Designer are removed. When you click **Generate Product Code** in Advanced Product Designer, you are not warned.

Workaround

In Product Designer, add coverage terms changes back after regenerating the product.

Mind map generation tool not accessible (APD-1270)

Status

Fixed in 10.1.2

Issue

The mind map generation tool that generates a mind map in XMind format requires assistance from Guidewire Services.

Workaround

After saving the product to template, contact your Guidewire Services representative to convert the product to a mind map.

Error after logging out while generating product code (APD-1474)

Status

Open

Issue

If you log out of PolicyCenter while running **Generate Product Code** on a product, PolicyCenter displays a "Code generation unavailable" error the next time you **Generate Product Code** on this product.

Workaround

Click **Cancel** and retry.

Exception when location in location risk object location is empty (APD-1677)

Status

Open

Issue

While navigating through a policy transaction for an installed APD managed product, an `IllegalStateException` can occur if the location on a location risk object is left empty.

Workaround

In the policy transaction, add the location for the location risk object.

You can also make the location field on the location risk object required by making it required in the PCF file generated for the location risk object.

Fields dependencies in APD generated lines not updated automatically (APD-1788)

Status

Open

Issue

During a policy transaction, if:

- The product model properties for field B have a dependency on the value of field A
- And both A and B appear on the same screen

The effect of changing field A is not reflected onto field B until you navigate away and back to the screen. If you select **Quote**, you may see a validation error.

Workaround

Navigate away and return to the screen. If you encounter this error when selecting **Quote**, navigate away then select **Quote** again.

You can also edit the PCF definition for the screen and remove the `disablePostOnChange` property on the `PostOnChange` section of input A.

Order of contents in generated product files is not deterministic (APD-1861)

Status

Fixed in 10.1.2

Issue

When you generate the product, the contents of some product files are not ordered in a deterministic way. For example, the order of coverage terms defined within a coverage pattern XML file may change between two code generation operations even without any changes to the template.

Workaround

Guidewire is aware of this issue.

Typelist name gets prefix when updating a finalized product and regenerating code (APD-1506)

Status

Open

Issue

When a product is finalized the first time, the generated typelists do not have a prefix.

If you update the product mind map, then import the mind map selecting **Yes** to **Default additional fields?**, when you finalize the product the second time, the typelist name is prefixed with the product abbreviation. These typelists duplicate the original typelists. There are now two versions of some typelists: with and without the prefix.

Workaround

After importing the mind map with **Default additional fields** set to **Yes**, view the typelist names on the **Validation Status** or **Generate Product Code** page. Make a note of the typelists with the prefix. For example, after importing the mind map, there is a CPOTerritory typelist duplicating the Territory typelist. In the product, remove the prefix from all places where it appears. Then you can regenerate and finalize the product.

Studio/Platform known issues

JMS inbound integration implementations must be OSGi or Java plugins (PL-32054)

Status

Open

Issue

Writing JMS inbound integration handlers requires casting an object to the type `javax.jms.Message`. In Gosu, for some app servers this fails with the message: Caused by: `gw.lang.parser.exceptions.ErrantGosuClassException: GosuClass test.GosuJMSMessageReplyHandler has errors, and cannot be used at runtime.`

Workaround

Implement JMS handler code for inbound integration in Java. Guidewire recommends that for inbound integration Java code, you implement your code as an OSGi plugin, not as a standard (non-OSGi) Java plugin.

Compilation errors after removing a delegate (PL-34619)

Status

Open

Issue

When you remove a delegate, some internal code is not generated properly, resulting in compilation errors.

Workaround

In Guidewire Studio, on the **Codegen** menu, click **Generate Metadata Classes**.

Several permissions are defined incorrectly (PL-34946)

Status

Open

Issue

The following permissions are defined incorrectly:

- perm.Holiday.edit
- perm.Holiday.delete
- perm.Note.view

Workaround

To any role that contains the holidaymanage permission, add the buswkmanage permission to that role. To any role that contains the noteview permission, add the noteedit permission to that role.

Server Tools downloads might time out (PLWEB-6184)

Status

Open

Issue

On the **Server Tools** pages, some downloads might take too long and generate a timeout error.

Workaround

Increase the value of the WebUIAJAXTimeout configuration parameter.

Selecting <None> option from certain typelists results in 'NullPointerException' (PLWEB-7081)

Status

Open

Issue

Selecting the <None> option from certain typelists results in a null pointer exception.

Workaround

Select a value other than <None> from the typelist. Although <None> appears, it is not a valid option for these typelists.

Cannot generate GosuDoc (ISGOSU-141)

Status

Open

Issue

When you run the command `gwb gosudoc`, the message "GosuDoc is not available in this release" appears, and GosuDoc is not generated.

Workaround

Guidewire is aware of this issue.

JBOSS warnings when starting the PolicyCenter server (ISPL-2264)

Status

Open

Issue

When you start the PolicyCenter server under JBoss, the server might show warnings similar to the following:

```
WARN [org.jboss.as.server.deployment] (MSC service thread 1-7) WFLYSRV0059: Class Path
entry
    some.jar in /content/xx.war/WEB-INF/lib/someother-version.jar does not point to a
valid jar
    for a Class-Path reference.
```

Workaround

You can safely ignore these warnings.

Solr configuration files are read-only in Guidewire Studio (ISPL-2011)

Status

Fixed in 10.1.0, 9.0.9

Issue

Most of the Solr configuration files in the configuration/config/solr folder are not editable in Guidewire Studio. Studio can edit only solrserver-config.xml and web.xml.

Workaround

Use an editor other than Guidewire Studio to make changes to the files that Studio shows as read-only.

Exceptions when executing Gosu Cucumber suites against a running server (ISPL-3900)

Status

Open

Issue

When executing Cucumber suites through Studio against a running server, the server fails to run the Gosu Cucumber suites.

Workaround

Execute the suites when there is no local server running. This causes Studio to start a new test server at the start of the suite execution.

Exception reporting is incomplete when running against a running server (ISPL-3901)

Status

Open

Issue

The server-side logic that executes a running Cucumber suite omits some exceptions and test failures. This makes it more difficult to understand and identify test failures and issues.

Workaround

Execute the features when there is no local running server. This causes Studio to start a new test server at the start of feature execution.

Running scenarios on a server in MULTIUSER mode throws exceptions (ISPL-3893)

Status

Open

Issue

When running Cucumber scenarios against a test server that is configured to run at the MULTIUSER level, scenarios function normally on the first attempt. But, on subsequent attempts, all scenarios fail with a `java.lang.Exception: Remote Cucumber invocation: Step failed due to: null exception`.

Workaround

The error occurs because the running of scenarios invokes the `PCCucumberSmokeTestProxy` class in `pc-gunit-behavior`. This class changes the run level of the server. When the scenarios have completed, the level is not restored to MULTIUSER. On subsequent attempts to run scenarios, there is platform code that tries to confirm the status of the servlet. The mismatched run levels prevents the code from confirming the status and eventually timing out.

You can avoid the issue using either of the following approaches:

1. Ensure there is no server running prior to the execution of each test.
2. Remove any code that requires the server to be executed at the MULTIUSER level. For example, if you are loading test data by overriding a method that requires the server to be running at MULTIUSER level, find an alternate approach to loading the test data.

PolicyCenter tiny sample data loads automatically (ISPL-3889)

Status

Open

Issue

In Behavior Testing Framework for PolicyCenter, whenever a scenario, feature file, or test suite is executed, internal code calls the `loadSampleDataSet` method in the `gw.SampleData` class to load the "tiny" sample data set. This code is not visible in Studio and cannot be modified or removed.

Workaround

The `gw.SampleData` class is visible in Studio. If you do not want any sample data loaded, or if you want to load your own sample data, modify the `loadSampleDataSet` method in the `gw.SampleData` class as needed.

IntelliJ with OSGi editor fails to create a new OSGi plugin class (ISPL-6689)

Status

Open

Issue

In IntelliJ IDEA with OSGi editor, which is launched by the `gwb pluginStudio` command, using **New→New OSGi plugin** does not open the correct dialog box. Entering a class name and pressing **Enter** causes an exception and does not create the class.

Workaround

Guidewire is aware of this issue.

Behavioral Testing Framework known issues

Scenario outlines with parameters in their name cause an exception when executed against a running server (ISBTF-382)

Status

Open

Issue

If a scenario outline has a name that contains a parameter, and the scenario outline is executed against a running server, the scenario outline throws an exception.

For example, a scenario outline with the name "Adding <FirstValue> and <SecondValue> equals <Sum>" will cause an exception when it is executed against a running server. This is because the name includes the parameters <FirstValue>, <SecondValue>, and <Sum>.

Workaround

Whenever possible, avoid using parameters in the names of scenario outlines. If a scenario outline must include a parameter name, execute the scenario outline only when there is no server already running.

Duplicate loading of sample data causes tests to throw a database exception (ISBTF-231)

Status

Open

Issue

The `createAndSetUserWithRole` method in the `gw.cucumber.context.impl.smoketest.common.AdminContextImpl` class loads sample data without checking whether data is already loaded.

If a feature or suite calls this method more than once, a database exception occurs.

Workaround

Edit the `loadTestSampleData` method in the `gw.cucumber.CucumberStepBase` class to test for the existence of a `Claim` instance. For example, use code similar to the following lines inside the `try` clause of the `try-catch` statement:

```
var hasClaims = !gw.api.database.Query.make(Claim).select().Empty
if (!hasClaims) {
  // Current content of try clause
}
```