

## **Oracle® Insurance Policy Administration**

# **System Properties**

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## OVERVIEW

The PAS.properties file is used to control specific functionality in the Oracle Insurance Policy Administration application. This file contains specific functions and values. You will need to insert the proper values for the application to perform as desired.

## CUSTOMER SUPPORT

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## PAS PROPERTIES

Properties	Allowed Values	Description
application.buildversion	<b>Optional</b> Value: Text	Defines the build version of the application on the login screen.
application.databaseType	<b>Required</b> Value: SqlServer, Oracle, DB2	The system-wide default database type. Used for multiple query support functionality and JDBC interaction.
application.default.buildversion	<b>Optional</b> Value: Text	Only used if the property, application.buildversion, is set and begins with '\${' Defines the build version of the application on the login screen.
application.defaultCurrencyCode	<b>Required</b> Value = <a href="http://www.currency-iso.org/iso_index/iso_tables/iso_tables_a1.htm">http://www.currency-iso.org/iso_index/iso_tables/iso_tables_a1.htm</a>	The default currency should be added as a CurrencyCode in the AsCurrency table.
application.defaultLocale	<b>Required</b> Value: See Description.	Specifies the language that the login screen will be displayed in. Example: ja_JP: login screen will appear in Japanese. en-US: login screen will appear in English. Note: Once the user logs in, the language is determined by that user's locale.
application.enablePlanGroup	<b>Optional</b> Value: No	If included, should be set to No. System Default is No.
application.enablePostAssignmentValidation	<b>Optional</b> Value: Yes, No	Determines whether or not to execute the PostAssignmentValidateExpressions business rule during activity processing.

		System Default is No.
application.enableProduct	<b>Optional</b> Value: Yes, No	Allows application to use the Products hierarchy in configuration. System default is No.
application.mathApplicationCallbackBll	<b>Required</b> Value: com.adminserver.pas.bll.PasCallBack Bll	Internal PAS property. Class used to carry DataRetriever and RateRetriever to be used by the Math engine.
application.mode	<b>Required</b> Value: DEVELOPMENT, PRODUCTION	Development mode is where configuration changes are allowed. Configuration data is not cached. Production mode is where configuration change is a new release and JVM is restarted when it is changed. Configuration data is cached.
application.refreshMasks	<b>Optional</b> Value: Integer	For use in application.mode = DEVELOPMENT Time in milliseconds to refresh mask configuration Value <= 0 will never refresh.
application.resourceCacheTimeout	<b>Optional</b> Value: Integer	Time to cache translations, in minutes, before checking data source for updates. For value < 0, never check for updates. For value = 0, always check for updates. For value > 0, check for updates after specified minutes have passed. System Default is -1. Should be set to -1 in a Production environment.
application.theme	<b>Required</b> Value: Oracle	The theme used for page styles and images.
application.X-Frame-Options	<b>Optional</b> Value: DENY, SAMEORIGIN, ALLOW-FROM <url>	For support against CSRFattacks. Applies only to IE8 and above. If property is not specified, no system protection against CSRF is offered. DENY => Any application page is not allowed to be framed. SAMEORIGIN => Application is allowed to be framed in any page

		coming from the same root <u>url</u> . SAMEORIGIN means same root URL. ALLOW-FROM <url> => Application is allowed to be framed from any page coming from the root URL specified in the property.
database.nlscomp	<b>Optional</b> Value: Text	It applies when the system is using the Oracle database. It provides the NLS_COMP setting that the system should use in the database session in order to perform Case/Accent insensitive search. Default value if not specified is LINGUISTIC. The DBA should setup appropriate indexes for this property and suggest the setting value to use based on the client installation's language preference.
database.nlssort	<b>Optional</b> Value: Text	It applies when the system is using the Oracle database. It provides the NLS_SORT setting that the system should use in the database session in order to perform Case/Accent insensitive search. Default value if not specified is BINARY_CI. The DBA should setup appropriate indexes for these properties and suggest the setting value to use based on the client installation's language preference.
datasource.type	<b>Required</b> Value: jndi	The data source type. <b>jndi</b> relies on jndi names ADMINSERVERDS, ADMINSERVERRESOURCEDS ADMINSERVERSEARCHDS and ADMINSERVERREADONLYDS in the application server for a datasource connection.
debug.identifyTranslator	<b>Optional</b> Value: Yes, No	
debug.remoteDebugging	<b>Optional</b> Value: Yes, No	
debug.SaveGeneratedClass	<b>Optional</b>	

	Value: Yes, No	
debug.SaveGeneratedClassDirectory	<b>Optional</b> Value: Text	Directory where the generated source code should be saved.debug.SaveGeneratedClass needs to be set to Yes. System Default is No. Only use in a Non-Production environment.
document.crystalConnectionCount	<b>Optional</b> Value: Positive Integer	Only valid for generating Crystal documents. Sets allowable connections. Should be set to a number not greater than the number of CR licenses.
document.documentGeneratorUrl	<b>Optional</b> Value: Text	The url for the DocumentGenerator webservice url for generating documents.
document.documentPath	<b>Optional</b> Value: Text	Directory where report templates are stored.
document.generatedDocumentRootPath	<b>Optional</b> Value: Text	Directory where generated documents are saved.
extensions.config	<b>Optional</b> Value: Text	Directory where extensions.xml for extension configuration is stored.
grid.taskSubmissionThreadPoolSize	<b>Optional</b> Value: Positive Integer	The number of threads dedicated to submit tasks to the grid for processing. Increasing this number can speed up how quickly tasks are distributed to the grid. See cycle documentation for additional details.
jpa.databasePlatform	<b>Required</b> Value: org.eclipse.persistence.platform.database.SQLServerPlatform org.eclipse.persistence.platform.database.OraclePlatform	Property that determines which JPA DatabasePlatform to use with EclipseLink.



	org.eclipse.persistence.platform.database.DB2Platform	
jpa.showSql	<b>Optional</b> Value: True, False	Shows information in the application's log/console for all SQLs executed using JPA. System Default is No Only use in a Non-Production environment.
NamedStoredProceduresRateBll.config.filePath	<b>Optional</b> Configuration file path used by default RateRetriever implementation com.adminserver.bll.NamedStoredProceduresRateBllclass.	XML file that specifies the stored procedure to be execute for specific rate groups. If using this, leave rateRetriever.className blank.
oidcApp.isAuthorized	<b>Optional</b> Value: True, False	
oidcApp.url	<b>Optional</b> <b>Value: URL</b>	The URL for the OIDC application with embed parameter equals to true for lunching the OIDC application inside the OIPA Case Entry Page. Ex: <a href="http://OIDCdomainhost:port/DCW51/adfAuthentication?embed=true">http://OIDCdomainhost:port/DCW51/adfAuthentication?embed=true</a>
rateRetriever.className	<b>Optional</b> Value: Text	Fully qualified extension class name to retrieve rates for all rate groups. If using this, leave NamedStoredProceduresRateBll.config.filePath blank.
requirement.service	<b>Optional</b> Value: Yes, No	
requirement.service.period	<b>Optional</b> Value: Time in milliseconds	If the background requirement processing is on the value, this setting specifies the period of time between checks performed by the background requirement processor to see if there are any requirements ready to be processed. Defaults to 1 min (60000 milliseconds)

requirement.service.logErrors	<b>Optional</b> Value: Yes, No	
scheduledValuation.batchSize	<b>Optional</b> Value: Positive Integer	This is the batch size for processing scheduled valuation. See cycle documentation for additional details.
scheduledValuation.period	<b>Optional</b> Value: Positive Integer	This is the number of seconds that the scheduled valuation monitor task will sleep before waking up and checking on the status of queued tasks. See cycle documentation for additional details.
scheduledValuation.groupSize	<b>Optional</b> Value: Positive Integer	Determines the number of Scheduled valuation items to group together and execute on a single thread in the cluster.
search.field.text.caseInsensitive	<b>Optional</b> Value: True, False	For use when the system is running on the DB2 database platform. Search screens have the ability to perform their search in a case insensitive manner. A value of True makes the system use case insensitive searches. System Default is False.
transaction.manager	<b>Required</b> Value: jpa	Data source transaction manager.
webservice.allowHashedPassword	<b>Optional</b> Value: Yes, No	
WriteValuationXML	<b>Optional</b> Value: Yes, No	
webservice.allowHashedPassword	<b>Optional</b> Value: Yes, No	
application.configurationCacheTimeout	<b>Optional</b> Value: Integer	Time to cache business rules, in minutes, before checking data source for updates.

		<p>For value &lt; 0, never check for updates.</p> <p>For value = 0, never check for updates.</p> <p>For value &gt; 0, check for updates after specified minutes have passed.</p>
document.uploadDirectory	<b>Optional</b> Value: Text	Directory where uploaded documents are saved.
application.encryptDecryptFilePath	<b>Required</b> Value: Text (AbsolutePath With File Name)	<p>Value of this property should be absolute path with file name, where EDKeyValue.dat exists.</p> <p>This .dat file holds the partial Encrypt/Decrypt Key for encryption/decryption of the data. This file comes as part of distribution zip.</p> <p>Example: /scratch/oipa/Oracle/oipa/conf/EDKeyValue.dat</p> <p>File should have read permissions.</p>

## CYCLE CLIENT PROPERTIES

Properties	Allowed Values	Description
cycle.batchSize	<b>Required</b> Value: Integer	The maximum number of Cycle tasks that will process in the Cycle Grid. See Cycle documentation for additional details.
cycle.groupSize	<b>Required</b> Value: Integer	Determines the number of cycle work items to group together and execute on a single thread in the cluster. See Cycle documentation for additional details.
cycle.period	<b>Required</b> Value: Integer	The number of seconds that the Cycle web will wait before checking for additional work. See Cycle documentation for additional details.
grid.taskSubmissionThreadPoolSize	<b>Required</b> Value: Positive Integer	The number of threads dedicated to submit tasks to the grid for processing. Increasing this number can speed up how quickly tasks are distributed to the grid. See cycle documentation for additional details.
updatestats.degree	<b>Optional</b> Value: Positive Integer	Degree of parallelism. Only applies for Oracle. Also only applies if updatestats.run=Yes. If used, value should be an integer greater than or equal to 1. If not used and updatestats.run=Yes, then uses the table default value specified by the DEGREE clause in the CREATE TABLE or ALTER TABLE statement for AsCycle.
updatestats.run	<b>Optional</b> Value: Yes, No	Specifies whether statistics on AsCycle should be updated during policy level of cycle processing. Defaults to No if not specified.
isSharedCluster	<b>Optional</b> Value:false	Specifies if Cycle and OIPA are configured to run on the same Coherence Cluster. Default value is false. Set it to true if they share the

		same Coherence Cluster.
oipaUrl	<b>Optional</b> Value: Text	Need OIPA URL to keep the System date in Sync on OIPA and Cycle cluster if they are different. OIPA URL is mandatory if isSharedCluster is either not defined or set to false.

## CYCLE WEB PROPERTIES

Properties	Allowed Values	Description
application.buildversion	<b>Optional</b> Value: Text	Defines the build version of the application on the login screen
application.databaseType	<b>Required</b> Value: SqlServer, Oracle, DB2	The system-wide default database type. Used for multiple query support functionality and JDBC interaction.
application.default.buildversion	<b>Optional</b> Value: Text	Only used if the property, application build version, is set and begins with \${ Defines the build version of the application on the login screen.
application.defaultCurrencyCode	<b>Required</b> Value = <a href="http://www.currency-iso.org/iso_index/iso_tables/iso_tables_a1.htm">http://www.currency-iso.org/iso_index/iso_tables/iso_tables_a1.htm</a>	The default currency should be added as a CurrencyCode in the AsCurrency table.
application.enablePlanGroup	<b>Optional</b> Value: No	If included, should be set to No. System Default is No.
application.enablePostAssignmentValidation	<b>Optional</b>	Determines whether or not to execute the PostAssignmentValidateExpressions business rule

	Value: Yes, No	during activity processing. System Default is No.
application.enableProduct	<b>Optional</b> Value: Yes, No	Allows application to use the Products hierarchy in configuration. System default is No.
application.mathApplicationCallbackBll	<b>Required</b> Value: com.adminserver.pas.bll.PasCallBackBll	Internal PAS property. Class used to carry DataRetriever and RateRetriever to be used by the Math engine
application.mode	<b>Required</b> Value: DEVELOPMENT, PRODUCTION	Development mode is where configuration changes are allowed. Configuration data is not cached. Production mode is where configuration change is a new release and JVM is restarted when it is changed. Configuration data is cached.
application.refreshMasks	<b>Optional</b> Value: Integer	For use in application.mode = DEVELOPMENT Time in milliseconds to refresh mask configuration Value <= 0 will never refresh.
application.resourceCacheTimeout	<b>Optional</b> Value: Integer	Time to cache translations, in minutes, before checking data source for updates. For value < 0, never check for updates. For value = 0, always check for updates. For value > 0, check for updates after specified minutes have passed. System Default is -1 Should be set to -1 in a Production environment.
database.nlscomp	<b>Optional</b> Value: Text	It applies when the system is using the Oracle database. It provides the NLS_COMP setting that the system should use in the database session in order to perform Case/Accent insensitive search. Default value if not

		<p>specified is LINGUISTIC.</p> <p>The DBA should setup appropriate indexes for this property and suggest the setting value to use based on the client installation's language preference.</p>
database.nlssort	<p><b>Optional</b> Value: Text</p>	<p>It applies when the system is using the Oracle database. It provides the NLS_SORT setting that the system should use in the database session in order to perform Case/Accent insensitive search. Default value if not specified is BINARY_CI.</p> <p>The DBA should setup appropriate indexes for these properties and suggest the setting value to use based on the client installation's language preference.</p>
dataIntake.enabled	<p><b>Required</b> Value: true or false</p>	<p>Determines whether or not data intake background process for processing data intake files should be created.</p>
dataIntake.gridCapacity	<p><b>Optional</b> Value: Positive integer</p>	<p>Maximum number of record groups that can be processing simultaneously in the grid for DataIntake processing.</p> <p>System Default is 500</p> <p>Note: Currently this property value is not used by the system.</p>
dataIntake.recordGroupSize	<p><b>Optional</b> Value: Positive integer</p>	<p>The number of individual intake records to bundle together for processing as a single task in the grid for DataIntake processing.</p> <p>System Default is 10</p>
dataIntake.userName	<p><b>Required</b> if data intake is enabled Value: Text</p>	<p>The primary company used for processing data intake related rules and transactions is the primary company of</p>

		this user.
datasource.type	<b>Required</b> Value: jndi	The data source type. <b>jndi</b> relies on jndi names ADMINERVERDS, ADMINERVERRESOURCEDS ADMINERVERSEARCHDS and ADMINERVERREADONLYDS in the application server for a datasource connection..
debug.identifyTranslator	<b>Optional</b> Value: Yes, No	Writes comments for every line identifying the translator (line number) that generated that part of code. debug.SaveGeneratedClass needs to be set to Yes. System Default is No. Only use in a Non-Production environment.
debug.SaveGeneratedClass	<b>Optional</b> Value: Yes, No	Generated source code while processing will be saved in the directory specified. System Default is No. Only use in a Non-Production environment.
debug.SaveGeneratedClassDirectory	<b>Optional</b> Value: Text	Directory where the generated source code should be saved.debug.SaveGeneratedClass needs to be set to Yes. System Default is No. Only use in a Non-Production environment.
document.crystalConnectionCount	<b>Optional</b> Value: Integer	Only valid for generating Crystal documents. Sets allowable connections. Should be set to a number not greater than the number of CR licenses.
document.documentGeneratorUrl	<b>Optional</b> Value: Text	The url for the DocumentGenerator webservice url for generating documents.



document.documentPath	<b>Optional</b> Value: Text	Directory where report templates are stored.
document.generatedDocumentRootPath	<b>Optional</b> Value: Text	Directory where generated documents are saved.
entityLock.enabled	<b>Optional</b> Value: Yes, No	Determines whether or not business entities should be locked while processing activities in sequence during DataIntake. System Default is No
entityLock.timeout	<b>Optional</b> Value: Positive Integer	Time in milliseconds to wait before trying to reacquire lock on a business entity. System Default is 5000
entityLock.tryCount	<b>Optional</b> Value: Positive Integer	Number of attempts made to acquire a lock System Default is 5
extensions.config	<b>Optional</b> Value: Text	Directory where extensions.xml for extension configuration is stored.
grid.taskSubmissionThreadPoolSize	<b>Required</b> Value: Positive Integer	The number of threads dedicated to submit tasks to the grid for processing. Increasing this number can speed up how quickly tasks are distributed to the grid. See cycle documentation for additional details.
jndi.connectionFactoryName	<b>Required</b> if data intake is enabled <b>Value: Text</b>	ConnectionFactory JNDI name to connect JMS server. Recommended Value: IntakeConnectionFactory See Data Intake document for additional details.
jndi.queueName	<b>Required</b> if data intake is enabled <b>Value: Text</b>	Queue JNDI name to send message to JMS server destination. Recommended Value: DIQueue See Data Intake document for additional details.

jpa.databasePlatform	<p><b>Required</b> Value: org.eclipse.persistence.platform.database.SQLServerPlatform org.eclipse.persistence.platform.database.OraclePlatform org.eclipse.persistence.platform.database.DB2Platform</p>	Property that determines which JPA DatabasePlatform to use with EclipseLink.
jpa.showSql	<p><b>Optional</b> Value: True, False</p>	Shows information in the application's log/console for all SQLs executed using JPA. System Default is No. Only use in a Non-Production environment.
NamedStoredProceduresRateBll.config.filePath	<p><b>Optional</b> Value: Text</p>	XML file that specifies the stored procedure to be execute for specific rate groups. If using this, leave rateRetriever.className blank.
rateRetriever.className	<p><b>Optional</b> Value: Text</p>	Fully qualified extension class name to retrieve rates for all rate groups. If using this, leave NamedStoredProceduresRateBll.config.filePath blank.
scheduledValuation.batchSize	<p><b>Required</b> Value: Integer</p>	This is the batch size for processing scheduled valuation. See cycle documentation for additional details.
scheduledValuation.period	<p><b>Required</b> Value: Integer</p>	This is the number of seconds that the scheduled valuation monitor task will sleep before waking up and checking on the status of queued tasks. See cycle documentation for additional details.
scheduledValuation.groupSize	<p><b>Required</b></p>	Determines the number of Scheduled valuation items to

	Value: Integer	group together and execute on a single thread in the cluster.
search.field.text.caseInsensitive	<b>Optional</b> Value: True, False	For use when the system is running on the DB2 database platform. Search screens have the ability to perform their search in a case insensitive manner. A value of True makes the system use case insensitive searches. System Default is False.
transaction.manager	<b>Required</b> Value: jpa	Data source transaction manager.
webservice.allowHashedPassword	<b>Optional</b> Value: Yes, No.	Determines if web services can be invoked with hashed passwords. System Default is No.
workManagerName	<b>Required</b> if data intake is enabled <b>Value: Text</b>	A Work Manager defines a set of request classes and thread constraints that manage work performed by Server instances Recommended Value: wm/default See Data Intake document for additional details.
WriteValuationXML	<b>Optional</b> Value: Yes, No	Determines whether or not to write valuation XML to the AsValuationXml table for activities that run valuation. The System Default is Yes.
application.enableProduct	<b>Optional</b> Value: Yes, No	Allows application to use the Products hierarchy in configuration. System default is No.
application.configurationCacheTimeout	<b>Optional</b> Value: Integer	Time to cache business rules, in minutes, before

		<p>checking data source for updates.</p> <p>For value &lt; 0, never check for updates.</p> <p>For value = 0, never check for updates.</p> <p>For value &gt; 0, check for updates after specified minutes have passed.</p>
<p>application.encryptDecryptFilePath</p>	<p><b>Required Value:</b> Text (AbsolutePath With File Name)</p>	<p>Value of this property should be absolute path with file name, where EDKeyValue.dat exists.</p> <p>This .dat file holds the partial Encrypt/Decrypt Key for encryption/decryption of the data. This file comes as part of distribution zip.</p> <p>Example: /scratch/oipa/Oracle/oipa/conf/EDKeyValue.dat</p> <p>File should have read permissions.</p>