

# **Oracle® Insurance Policy Administration**

## **Release Notes**

Version 9.4.0.0

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## Oracle Insurance Policy Administration

Oracle Insurance Policy Administration (OIPA) is a next-generation, flexible, rules-based insurance solution for life and annuities that supports policy processing across multiple lines of business. OIPA greatly enhances ease of use and speed for business analysts, actuaries and others involved in the product configuration process. Robust navigation also makes it easy for users, including CSRs, to locate policy information and drill down into a granular level of customer detail. This allows insurers to respond more rapidly to customer inquiries, reduce call times and improve customer service.

These release notes contain the enhancements that were made to OIPA release 9.4.0.0, 2011.


### Customer Support

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## Oracle Insurance Policy Administration

This section describes configuration, features and technology specific enhancements for release 9.4.0.0.

### Accounting

- The ChartOfAccountsSpecifications rule replaces the ChartOfAccountsCriteria rule. This new rule is used to generate AccountingDetail records for either suspense or transactions. A new <ExchangeToBaseCurrency> tag indicates whether the system should convert the AccountingDetail amount from the original currency to the base currency of the MarketMaker at the time of record.
- When processing an activity that also links to a suspense record (e.g. PremiumDeposit or SuspenseRefund), OIPA allows the activity accounting to be visible through the Accounting Detail tab on the activity and the Suspense screen (as accessed through the  icon).
- The Suspense screen was enhanced to allow accounting to be generated. A GenerateAccounting optional tag and a Test section allows OIPA to identify the dynamic suspense field that triggers accounting.

**Allocations**

- The Allocation Method was added to the Fund Allocation section of the Allocation Activity results.

**Comments**

- Activity level comments are now available in OIPA. The comments are attached to an activity and may be deleted and updated provided security access is enabled. Comment history is also available for viewing and audit purposes.

**Configuration Enhancements**

- The Identifier fields functionality was enhanced to support the use of identifiers with screens, multifields, and when activities are spawned.
- Configuration was added to support the copying of a money or currency data type field value to a money data type field value while retaining the original currency from the source data field when using CopyTo rules. Validation will be performed to confirm the currency code associated with the source value exists in the Currency element of the Target field. The rules impacted are:
  - CopyToPolicyFields
  - CopyToSegmentFields
  - CopyToRoleFields
  - CopyToClientFields
  - CopyToAddressFields
  - CopyToPendingActivityFields
  - CopyToRequirementsFields
  - CopyToWithholdingFields
  - MaintainSuspense
  - GenerateSuspense
  - MaintainDisbursement
  - CreatePolicy
  - CreateSegments
  - AddRoles
  - Disbursement
  - CalculateGeneral
- Text fields support the use of masks to validate the information entered by a user as well as the format of that information. Masks can also be used to hide sensitive information from view.
- The PostAssignmentValidateExpressions business rule allows a condition to be configured to halt the processing of an activity in Pending or NUV Pending Status. A new attribute, CancelActivity, allows the user to reject an activity.

- The Suspense element was enhanced to provide a refund from suspense at the client level. The enhancement supports a math variable identifying the ClientGUID within the DisbursementClient element that will be attached to a Disbursement activity.
- The TransactionTimes business rule was enhanced to control when transactions are added and updated in OIPA based on the time of day (formerly known as ScreenTimes). Users may prevent a transaction from being added, processed, updated, deleted, or recycled. The TransactionTimes rule is now categorized as a System rule available at the Global, Company, and Plan level.
- The ClientScreen business rule was modified to be completely configurable (fixed and dynamic fields). The LegalResidenceCountry determines the client's default country and drives the Address screen layout.
- The DuplicateClient business rule was added to control the addition of duplicate client records. A warning message or a hard stop can be configured when duplicate records are discovered.
- The CopyToRoleFields business rule was enhanced to limit the roles available for update by role status, to update common fields for all roles aligned with a specific policy and to specify the roles that can be updated by GUID or code value.
- The CycleProcessBehavior business rule was added to provide configurable functionality for system error handling during cycle processing. The configuration allows the user to specify whether the system should retry processing and how many times it should retry until it aborts the cycle.
- A new element, ExchangeDate, was implemented in OIPA. This element provides the specified date that is used to determine the exchange rate used during currency conversion. A date is allowed as long as the rate corresponds to the configured date in the AsExchange rate tables for the applicable currencies.
- A Fund Calendar override was added to allow users to specify additional offset days that apply to a particular fund.
- Three new math variables were added: Activity, ActivityArray, and ActivityField.
- The CopyToPendingActivityFields business rule was enhanced to support updating activity fields for activities that are not active or have not yet processed the transaction Math. If the target field does not exist in the activity, the system will ignore and nothing will be written to AsActivityField.
- The CopyToWithholdingFields business rule was implemented in OIPA. This business rule loads the withholding fields from the database and updates them based on the values specified in the business rule.

- A new MathStatement function of "FindLastExchangeDatePricing" was implemented in OIPA. This function allows OIPA to track the last known fund prices when calculating the valuation units and amount to write during assignment processing.

### **Debug Functionality**

- The Debug Pane within the Rules Palette now provides the capability for a MathStatement to go through the debugging process.
- Segment debugging is fully supported.
- When processing a transaction using the debugger in the Rules Palette, the user is able to view values that are the result of an execution of valuation and the PolicyValue business rule, if executed.

### **Internationalization**

- The Address screen was enhanced to support foreign addresses.
- Translation support was added to error messages. They can now be translated into any language.
- Multicurrency functionality is fully supported in OIPA through the use of a base currency and the ability to perform currency conversions.

### **Security**

- Security was enhanced to support field level access in OIPA at the fixed and configurable field level. A security setting enables users to switch Field level security on and off. Multiple tiers of field security in the system restrict who is able to view and edit specified fields for transactions/activities, inquiry and screen business rules.

### **Segments**

- The ability to assign and view roles at the Segment level has been applied to OIPA. Each segment will have distinct roles assigned to it, while the same client(s) may be assigned to multiple segments in the same role or in different roles.

### **Technology Specific Enhancements**

- Third Party libraries are now updated for Cycle and for use by OIPA.
- AsFile was enhanced to support a number of database tables that were not previously supported in V9.

### **Unit Linked Enhancements**

- OIPA can automatically update the effective date of an activity as a way to transfer gain/loss to a client. A new Transitions element was added, along with a new activity status, Queued.
- Additional attributes were configured for the Switch assignment type to support unit linked product requirements.
- Two new assignment types have been established in OIPA for the Unit Linked product: PercentOfFundWithdrawal and AmountOfFundWithdrawal. PercentOfFundWithdrawal removes the value from a fund by specific percentage of each fund allowing the system to determine the amount to remove. AmountOfFundWithdrawal removes the value from a fund by the specific amount, or based on the total amount at the policy level, where the system will determine the amount from each fund based on Allocation records.
- OIPA can capture the status of Valuation records held in memory prior to the values being written to the database. The status indicates whether the system has enough information to proceed to complete the Accounting process and uses the information/values in other calculations driven by activities and screens.
- A new looping method was created to access valuation records calculated per fund for each activity. It is only available to the PostAssignmentValidateExpression business rule since it only applies to unit linked funds.

### **Certification Details**

The OIPA application is certified against the following stacks:

#### **Microsoft SQL Server**

- Database Version: Microsoft SQL Server 2005, 9.00.5000.00
- Application Server: WebSphere 6.1.0.35
- Application Server Operation System: 32-bit Windows 2003 R2
- Database Operation System: 32-bit Windows 2003 R2
- JDK: 1.5.0\_22
- Internet Explorer Version: IE6, IE7



## **DB2**

- Database Version: DB2 9.7 Fix Pack 3a
- Application Server: WebSphere 6.1.0.35
- Application Server Operation System: Oracle Enterprise Linux 5.5, 32-bit
- Database Operation System: 64-bit Oracle Enterprise Linux 5.4
- JDK: 1.5.17
- Internet Explorer Version: IE6, IE7

## **Oracle**

- Database Version: Oracle 11g R2 AKA 11.2
- Application Server: WebSphere 6.1.0.35, WebLogic 10.3.3.0
- Application Server Operation System: Oracle Enterprise Linux 5.5 for both WebSphere and WebLogic
- Database Operation System: 64-bit Solaris 10, SunOS 5.10 (WebSphere) and Solaris 10 (WebLogic)
- JDK: 1.5.0\_22 for both WebSphere and WebLogic
- Internet Explorer Version: IE6, IE7 for both WebSphere and WebLogic