Oracle® Revenue Management and Billing

Version 2.6.0.1.0

Release Notes

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ORACLE

Oracle Revenue Management and Billing Version 2.6.0.1.0 Release Notes

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About this Document

This document describes the new features, enhancements, UI and database level changes, supported platforms, framework upgrade, supported upgrades, and technology upgrade made in this release. It also highlights the discontinued features, bug fixes, and known issues in this release.

This document does not describe the functionality of Oracle Revenue Management and Billing or technical know-how on how to install or upgrade Oracle Revenue Management and Billing. For more detailed information, you can refer to the following documents:

Document	Description
Oracle Revenue Management and Billing Banking User Guide	Lists and describes various banking features in Oracle Revenue Management and Billing. It also describes all screens related to these features and explains how to perform various tasks in the application.
Oracle Revenue Management and Billing Insurance User Guide	Lists and describes various insurance features in Oracle Revenue Management and Billing. It also describes all screens related to these features and explains how to perform various tasks in the application.
Oracle Revenue Management and Billing Installation Guide	Lists the application server pre-requisites, supported platforms, and software and hardware requirements for installing the Oracle Revenue Management and Billing application. It explains how to install the Oracle Revenue Management and Billing application.
Oracle Revenue Management and Billing Quick Installation Guide	Provides high-level information on how to install the Oracle Revenue Management and Billing (ORMB) application and selected additional software.
Oracle Revenue Management and Billing Database Administrator's Guide	Provides information about the Oracle Database Server and Client required for installing the Oracle Revenue Management and Billing database. It explains how to install database with and without demo data. It provides database configuration guidelines including recommended settings for the Oracle Exadata Database machine.
Oracle Revenue Management and Billing Server Administration Guide	Explains the Oracle Revenue Management and Billing (ORMB) architecture and technical know-how required for configuring and using the ORMB application. It explains how to configure and deploy web and business application servers. In addition, it explains how to monitor client machines, web and/or business application servers, and database connections.

Document	Description
Oracle Revenue Management and Billing Security Guide	Lists the security features available in the Oracle Revenue Management and Billing application. It explains how to configure security for the Oracle Revenue Management and Billing application using the default security features.
ORMB - Transaction Feed Management - Batch Execution Guide	Describes the sequence in which the batches must be executed while performing various tasks in the Transaction Feed Management module.
Oracle Revenue Management and Billing Batch Guide	Lists and describes various ORMB batches.
Oracle Revenue Management and Billing Upgrade Guide	Explains how to upgrade the Oracle Revenue Management and Billing framework, application, and its database.
Oracle Revenue Management and Billing Upgrade Path Guide	Explains the path and pre-requisites for upgrading Oracle Revenue Management and Billing from one version to another.
Oracle Revenue Management and Billing ODI Integration Guide for TFM	Explains how to install the ODI artifacts for TFM. It also explains how to upload and import the transaction data from a flat file to various tables in the target database.
Oracle Revenue Management and Billing Pricing Services	Lists and describes the inbound web services related to the Pricing module. It also explains the pre-requisites, input parameters, and output parameters of these inbound web services.

Change Log

Revision	Last Update	Updated Section	Comments
1.1	28-Dec-2017	New Features (Generic)	Deleted information from the **Rule Based Auto Pay Instructions** section
		Enhancements (Generic)	Added information in the **Payment Distribution** and **Person Information** sections
		Enhancements (Specific to Financial Services)	Modified information in the **Construct** and **Accrual** sections
		Known Issues: Banking	Added Known Issues
1.2	13-Feb-2018	Supported Platforms	Added Information
1.3	12-Nov-2019	Automatic Contract Creation	Updated Information

Revision	Last Update	Updated Section	Comments
1.4	15-May-2020	Deprecation Notices for ORMB Version 2.6.0.1.0	Updated Information

Contents

Prerequisites

If a customer is already using the Transaction Feed Management feature and wants to upgrade to Oracle Revenue Management and Billing Version 2.6.0.1.0, then the customer needs to ensure the following (before upgrading):

- All bills generated in the system are in the **Complete** status. In other words, there should not be any bills in the **Pending** status. If there are any bills in the **Pending** status or if any billable charge (generated through TFM) is not yet billed, disaggregation and cancellation of transactions which are uploaded using 2.6.0.0.0 will not happen successfully.
- Transactions which are uploaded using 2.6.0.0.0 must not be in the **Initial Product Determined (INPD)** status. They can be in the **Uploaded (UPLD)**, **Invalid (INVL)**, **Error (EROR)**, **Completed (COMP)**, or **Cancelled (CNCL)** status.
- Equal to (=) or tilde (~) symbol is not used in any existing price item parameter code or value. Otherwise, erroneous results might occur.

New Skin

The color scheme in Oracle Revenue Management and Billing Version 2.6.0.1.0 is changed. Therefore, you will experience different look and feel for all screens in the application. The new CSS changes have been done considering various requirements for ADA Compliance. The custom screens will also be impacted due to change in the CSS.

New Features (Generic)

This section describes the following new features added in this release which can be used in both financial services and insurance domains:

- Automatic Contract Creation
- Account Closure
- Upload Response from Auto Clearing House (ACH)
- Rule Based Auto Pay Instructions
- Automatic Refund Creation
- Automatic Refund Cancelation

Automatic Contract Creation

You can now create contracts automatically for an account when the account is created. To enable this feature, you need to create an algorithm using the **C1-CRECONT** algorithm type and attach it to the **Post-Processing** system event of the respective account business object.

This algorithm is invoked when you create an account. A contract of each contract type listed in the **C1-CONTRACTTYPES** extendable lookup value is created automatically for the account. For example, an extendable lookup value has two contract types – CT1 and CT2 belonging to the D1 division. The system will then create two contracts – one using the CT1 contract type and another using the CT2 contract type. The status of the contract is set as mentioned in the extendable lookup value. In addition, the characteristics are defined for the contract as mentioned in the extendable lookup value. The contract start date and effective date of the contract characteristic (if any) is set to the account's set up date. If the closing date is specified for the account, the contract end date is set to the recalculated account closing date. However, the contract end date is not updated when the contract is created in the **Canceled** status.

It checks the value defined for the **Enforce division-specific validations** option type in the **C1_DIVFUNCT** feature configuration. If the **Enforce division-specific validations** option type is set to **Y**, it checks whether the account belongs to the division listed in the extendable lookup value. If the account belongs to the division listed in the extendable lookup value, then it automatically creates the contracts for the account. However, if the account does not belong to the division listed in the extendable lookup value, then it does not create the contracts for the account automatically.

It contains the following parameter:

- **Extendable Lookup Value** – Used to specify the value of the **C1-CONTRACTTYPES** extendable lookup. You must specify a valid extendable lookup value which is in the **Active** status.

Note: The contracts are not automatically created for an account when the account is created from the **Person Account Replicator** screen or using the **Add Account and Start Service** option from the **Person** screen.

Account Closure

You can now set closing date for an account. However, the closing date cannot be earlier than the account's set up date, start date of any auto pay instruction defined on the account, and start date of any contract associated with the account. To enable the account closure feature, you need to create an algorithm using the **C1-CLSACCT** algorithm type and attach it to the **Account - Post Processing** system event of the division to which the account belongs.

This algorithm is invoked when the closing date is specified while adding and editing an account. It recalculates the closing date considering the grace days. The recalculated account closing date is then set as the end date of each contract associated with the account. In addition, the recalculated account closing date is set as the end date of the statement construct in which the account is included. If the **Update Auto Pay End Date** parameter is set to **Y**, the recalculated account closing date is set as the end date of each automatic payment record defined for the account. If there is any contract associated with the account which is in the **Active** status, the status of the contract is changed to **Pending Stop**.

Once these changes are done, a To Do is created using the specified To Do type and sent to the users with the specified To Do role to inform them about the recalculated account closing date.

It contains the following parameters:

- **Number of Grace Days** – Used to specify the number of grace days you want to add and accordingly recalculate the account closing date. This parameter is mandatory.
- **Grace Days Type (C – Calendar Days, B – Business Days)** – Used to indicate whether you want to use the calendar or business days while recalculating the account closing date. The business days are derived using the work calendar defined on the division. If you do not specify any value for this parameter, by default, it is set to **B**.
- **Update Auto Pay End Date (Y or N)** – Used to indicate whether you want to change the end date of each automatic payment record to the recalculated account closing date. The valid values are Y and N.
- **To Do Type** – Used to indicate the type of notification that you want to generate when the account closing date is recalculated.
- **To Do Role** - Used to specify the To Do role to indicate the users to whom you want to send the notification when the account closing date is recalculated.

Upload Response from Auto Clearing House (ACH)

Once the auto clearing house reviews the auto pay clearing records, the review comments are shared in the EDI 824 file format. An EDI 824 file may contain the review comments for one or more auto pay clearing records. You can upload these EDI 824 files and store the review comments in the staging area using the **Upload Response from Auto Clearing House (C1-APACK)** batch.

On uploading an EDI 824 file, the system checks whether the auto pay clearing ID specified in each record exists in the system. If so, it creates an auto pay clearing staging record for the auto pay clearing ID in the **CI_APAY_STAGE_UP** table. If the acknowledgement code in the record is set to **TE** or **TR**, the system considers that the auto clearing house has rejected the auto pay clearing record. The error code (i.e. payment cancellation reason) specified in the record indicates the reason why the auto pay clearing record is rejected. However, if the acknowledgement code is blank or if the acknowledgement code is set to a value other than **TE** or **TR**, the system considers that the auto clearing house has accepted the auto pay clearing record. The error code (i.e. NOC reason), if any, specified in the record indicates that the auto clearing house has accepted the auto pay clearing record with a Notice to Change (NOC). In this case, the record may contain more than one error code.

The error code of each auto pay clearing staging record is stored in the **CI_APAY_STAGE_UP_REM** table. The status of the auto pay clearing staging record is set to **Pending**. If the error code (i.e. payment cancellation reason or NOC reason) is invalid, the status of the auto pay clearing staging record is set to **Error**.

In addition, the batch sets the auto pay distribution and freeze date (i.e. **APAY_DIST_FRZ_DT**) for each clearing record (whose clearing staging record is added in the system) to the payment date (which is on the payment event). For more information about the batch, see *Oracle Revenue Management and Billing Batch Guide*.

Note: An additional table named **CI_APAY_STGUP_CHAR** is available which the implementation team can use to store additional information about the clearing staging record in the form of characteristics.

To ensure that the EDI 824 files are uploaded successfully, you need to set the following parameters in the algorithm which is created using the **C1-APAY** algorithm type:

- **Line Separator** - Used to indicate the character specified in the EDI 824 files to represent the end of line.
- **Field Separator** - Used to indicate the character specified in the EDI 824 files to represent the end of data record.
- **Reject Upload Reason** – Used to specify the auto payment upload reason which you want to use when the auto clearing house has rejected the auto pay clearing record.
- **Success Upload Reason** - Used to specify the auto payment upload reason which you want to use when the auto clearing house has accepted the auto pay clearing record with or without Notice to Change (NOC).

The upload reason can be either of the following types:

- **Cancel** – This type of upload reason indicates that you must cancel the automatic payment in the system. In this case, the error code indicates the reason why the automatic payment is cancelled.

- **Success** – This type of upload reason indicates that you must freeze the automatic payment on the payment freeze date. If the error code is specified, it indicates that you must freeze the automatic payment, and at the same time notify user that the automatic payment is accepted with a Notice to Change (NOC). The NOC reason is stored as payment tender characteristic in the system. You can specify more than one error code (i.e. NOC reasons) with this type of upload reason. On freezing an automatic payment, the user is notified about these NOC reasons through a To Do entry. The system creates one To Do entry using the **C1-ACH** To Do type for all NOC reasons specified in the auto pay clearing staging record.

Rule Based Auto Pay Instructions

Now, you can define rule based auto pay instructions for an account. If a financial transaction created against a bill satisfies the rules defined in an auto pay instruction, the automatic payment is created using the respective auto pay ID. For example, Bill 1 has three bill segments – BS1, BS2, and BS3. The BS1 and BS3 financial transactions satisfy the rules defined in the auto pay ID 123456. And, the BS2 financial transaction satisfies the rules defined in the auto pay ID 456789. Then, the system will create two automatic payments against a bill – one using the auto pay ID 123456 and another using the auto pay ID 456789. In this way, the system enables you to create multiple automatic payments for a bill using different auto pay ID.

A new screen named **Auto Pay Rule** is introduced in this release. It enables you to define rule based auto pay instructions for an account. Note that you can define rule based auto pay instructions for an account only when the **Rule Based Auto Pay** check box in the **Auto Pay** tab of the **Account** screen is selected.

While defining rules in auto pay instructions, you can only use those fields which are selected as the input and output parameters in the respective rule type. Similarly, you can only use characteristics of those entities which are selected as the rule criteria characteristic entities in the respective rule type.

A new algorithm type named **C1-APRULEEVL** is introduced in this release. If you want to use the Rule Based Auto Pay feature on FT freeze, you need to create an algorithm using the **C1-APRULEEVL** algorithm type and attach it to the **FT Freeze** system event of the required customer class. The **C1-APRULEEVL** algorithm considers financial transactions where the financial transaction type is set to Bill Segment (BS), Bill Cancellation (BX), Adjustment (AD), and Adjustment Cancellation (AX). It checks whether there are rule based auto pay instructions for the account which are effective on the bill's due date. If there are multiple rule based auto pay instructions effective on the bill's due date, the system will sort and consider the rule based auto pay instructions based on the priority. If the rule based auto pay instruction with the highest priority does not have any rules, the auto pay ID is simply stamped against the financial transaction in the **C1_FT_EXT** table. If the rule based auto pay instruction with the highest priority has rules, then the rule criteria derivation algorithm on the respective rule type is executed to derive the required output, which is in turn sent to the auto pay rules engine for evaluation. If the financial transaction satisfies the rules defined in the auto pay instruction, the auto pay ID is stamped against the financial transaction in the **C1_FT_EXT** table. However, if the financial transaction does not satisfy the rules defined in the auto pay instruction, the system considers the rule based auto pay instruction with the next priority and then derives the parameters which are to be used by the auto

pay rules engine for evaluation. If the financial transaction does not satisfy any rule based auto pay instructions which are effective on the bill's due date, the auto pay ID is not stamped against the financial transaction in the **C1_FT_EXT** table.

Note that the **C1-APRULEEVL** algorithm is invoked during:

- Online billing when the **Bill Segment Freeze Option** field in the installation options is set to **Freeze At Bill Completion**
- Batch billing when the **Freeze and Complete** option in the bill cycle is selected

A new algorithm type named **C1-RULEAPPRC** is introduced in this release. If you want to use the Rule Based Auto Pay feature on bill completion, you need to create an algorithm using the **C1-RULEAPPRC** algorithm type and attach it to the **Rule Base Auto Payment Processing** system event of the required customer class. The **C1-RULEAPPRC** algorithm considers financial transactions where the financial transaction type is set to Bill Segment (BS), Bill Cancellation (BX), Adjustment (AD), and Adjustment Cancellation (AX). It checks whether there are rule based auto pay instructions for the account which are effective on the bill's due date. If there are multiple rule based auto pay instructions effective on the bill's due date, the system will sort and consider the rule based auto pay instructions based on the priority. If the rule based auto pay instruction with the highest priority does not have any rules, the auto pay ID is simply stamped against the financial transaction in the **C1_FT_EXT** table. If the rule based auto pay instruction with the highest priority has rules, then the rule criteria derivation algorithm on the respective rule type is executed to derive the required output, which is in turn sent to the auto pay rules engine for evaluation. If the financial transaction satisfies the rules defined in the auto pay instruction, the auto pay ID is stamped against the financial transaction in the **C1_FT_EXT** table. However, if the financial transaction does not satisfy the rules defined in the auto pay instruction, the system considers the rule based auto pay instruction with the next priority and then derives the parameters which are to be used by the auto pay rules engine for evaluation. If the financial transaction does not satisfy any rule based auto pay instruction which is effective on the bill's due date, the auto pay ID is not stamped against the financial transaction in the **C1_FT_EXT** table.

Once the auto pay ID is stamped against the financial transaction, the system checks whether the **Autopay Creation Option** field in the installation options is set to **Freeze Payment on Notification**. If so, it checks whether the **C1-APAY-CROP** algorithm is attached to the **Override Auto Pay Creation Option** system event of the customer class. If the algorithm is attached and returns the value as **Y**, the automatic payment or adjustment for automatic refund is created and a record with zero value is created in the **CI_BILL_ACH** table. However, if the algorithm is not attached or returns the value as **N**, a record with the calculated automatic payment amount is created in the **CI_BILL_ACH** table.

Before creating the automatic payment or adjustment for automatic refund, or before creating a record in the **CI_BILL_ACH** table, the system checks whether the **Generate Auto Pay** option is selected in the respective auto pay source's tender type. If the **Generate Auto Pay** option is selected and the automatic payment amount is in credit, the algorithm attached to the **Automatic Adjustment Creation** system event in the installation options is executed. If the **Generate Auto Pay** option is selected and the automatic payment amount is in debit, the algorithm attached to the **Automatic Payment Creation** system event in the installation options is executed.

However, if the **Generate Auto Pay** option is not selected in the respective auto pay source's tender type, an error occurs and the algorithm is aborted.

Note that the **C1-RULEAPPRC** algorithm is invoked during:

- Online billing when the **Bill Segment Freeze Option** field in the installation options is set to **Freeze At Bill Completion** (Note that, in this case, the algorithm only considers the financial transactions of the post-processing bill segments.)
- Online billing when the **Bill Segment Freeze Option** field in the installation options is set to **Freeze At Will**

Automatic Refund Creation

Earlier, the **Automatic Payment Creation (APAYCRET)** batch only considered the records with the debit amount in the **CI_BILL_ACH** table. Now, it considers the records with the debit and credit amounts in the **CI_BILL_ACH** table. If the automatic payment amount stamped against a bill is in debit, the batch creates automatic payment and payment event for such bill. It also creates a clearing record for each automatic payment in the **CI_APAY_CLR_STG** table. However, if the automatic payment amount stamped against a bill is in credit, the batch creates a refund request against the bill. However, the refund request is created only when an algorithm using the **C1-AREF-CRET** algorithm type is created and attached to the **Automatic Adjustment Creation** system event in the installation options. This algorithm indicates the refund request type using which the refund request must be created. If the approval workflow is configured for the refund request type, the status of the refund request is set to **Pending for Approval**. However, if the approval workflow is not configured for the refund request type, the status of the refund request is set to **Processed**. The refund adjustment is also created in the **Frozen** status. In addition, it creates a clearing record for each automatic refund in the **CI_ADJ_CLR_STG** table.

Automatic Refund Cancelation

Once the auto clearing house reviews the automatic refunds and shares the review comments, the implementation team will have to store the review comments in the following staging tables:

- **CI_APAY_STAGE_UP** – Used to store the clearing staging record for a clearing record. The status of the clearing staging record must be set to **Pending**.
- **CI_APAY_STAGE_UP_REM** – Used to store the reason and sub reason codes of each clearing staging record.
- **CI_APAY_STGUP_CHAR** – Used to store additional information about the clearing staging record in the form of characteristics. Note that, at present, these characteristics are not mapped with any object in the system.

The review comments must be received in the form of reason and sub reason codes for a clearing record. If the auto clearing house approves an automatic refund, you don't need to make any changes in the system. However, if the auto clearing house rejects an automatic refund, you need to void the refund request and cancel the refund adjustments. You can void the refund request and cancel the refund adjustments through the **Cancel Automatic Refunds (AREFRA)** batch.

On executing the **Cancel Automatic Refunds (AREFRA)** batch, it checks whether the reason code (i.e. upload reason) and sub reason code (i.e. void status reason) specified in the clearing staging record exist in the system. This batch considers only those clearing staging records which are in the **Pending** status. If the reason code and sub reason code exist in the system, the batch changes the status of refund request to **Voided**. In addition, the refund adjustments are canceled.

New Features (Specific to Financial Services)

No new features are introduced in this release for the financial services domain.

New Features (Specific to Insurance)

This section describes the following new features added in this release which can be used in the insurance domain:

- Reconciliation

Reconciliation

Oracle Revenue Management and Billing enables you to reconcile pay instructions received from the external system against the bill segments based on the account identifier, policy number, plan number, member identifier, and coverage period combination. The system enables you to upload a pay instruction file in the following formats:

- **CSV File Format** – You can upload pay instruction files in the CSV format from the specified location on the server using the **Pay Instruction CSV File Upload (C1-RECUP)** batch.
- **EDI 820 File Format** – You can upload pay instruction files in the EDI 820 file format from the specified location on the server using the **Upload Lockbox Payment and Pay Instruction Files (C1-PUPSG)** batch.

Note: The **BPR** tag in the EDI 820 file must be set to **I** to indicate that the file contains pay instructions for reconciliation.

While uploading pay instruction files, you need to specify the reconciliation type using which you want to create the reconciliation. A reconciliation type indicates the algorithm which validates the pay instruction file and creates a pay instruction for each record in the file. Two algorithm types named **C1-PAYINSUPL** and **C1-RECONPROC** are shipped with the product. You need to maintain separate reconciliation types for different file formats. If you want to use a reconciliation type while uploading a pay instruction file in the CSV format, you need to create an algorithm using the **C1-PAYINSUPL** algorithm type and attach it to the reconciliation type. However, if you want to use a reconciliation type while uploading a pay instruction file in the EDI 820 format, you need to create an algorithm using the **C1-RECONPROC** algorithm type and attach it to the reconciliation type.

Once a file is successfully validated, the reconciliation is created for the file in the **Draft** status. The reconciliation is immediately transitioned to the **Send Notification** status and the algorithms attached to the **Send Notification** status are executed. Once the To Do is created, the status of the reconciliation is changed to **Pending**. A pay instruction is created for each record in the file and its status is set to either **Pending** or **Error** depending on whether it is successfully validated or not.

You need to then specify the payment ID against which you want to reconcile the billed items for which you have received the pay instructions. Once you specify the payment information and submit the pay instructions for reconciliation, the payment amount is distributed against the reconciliation contract of the accounts for which you have received the pay instruction. The status of the reconciliation is changed to **Pending Reconciliation**.

On reconciling the pay instructions, the system finds the bill segment against which the pay instruction must be reconciled using the account identifier, policy number, plan number, member identifier, and coverage period combination. Once the bill segment is identified, the transfer adjustment is created against the bill segment and offset adjustment is created against the respective reconciliation contract. If all pay instructions in the file are successfully reconciled, the status of the reconciliation is changed to **Completed**. However, if one or more pay instruction in the file could not be successfully reconciled, the status of the reconciliation is changed to **Open**. If a file contains a pay instruction for previous coverage period, then system checks whether there is any open pay instruction for that coverage period in the system and accordingly tries to reconcile the pay instruction. However, if an open pay instruction for that coverage period does not exist in the system, the system tries to reconcile the pay instruction against the billed item.

You may manually reconcile the pay instructions which are in the **Pending Reconciliation** status. Alternatively, you can execute the **Reconciliation Periodic Monitor (C1-RCNM)** batch at regular interval to reconcile the pay instructions.

During reconciliation, a pay instruction also goes through various statues in its lifecycle. You may configure the following two batches to execute at the regular intervals:

- **Pay Instruction Periodic Monitor (for Pending Status) (C1-PIPMO)** – It monitors whether there are any pay instructions in the **Pending** status. If so, it tries to reconcile the pay instruction against a billed item. If the pay instruction is successfully reconciled, the status of the pay instruction is changed to **Completed**. However, if the pay instruction could not be reconciled, the status of the pay instruction is changed to **Open**.
- **Pay Instruction Periodic Monitor (for Open Status) (C1-PIMDF)** - It monitors whether there are any pay instructions in the **Open** status. If so, it tries to reconcile the pay instruction against a billed item. If the pay instruction is successfully reconciled, the status of the pay instruction is changed to **Completed**. However, if the pay instruction could not be reconciled, the status of the pay instruction is changed to **Open**.

If you cancel the payment tender, the payment and reconciliation associated with the payment are automatically canceled. The status of the reconciliation is changed to **Pending Cancelation**. Note that there is no change in the status of pay instructions. If required, you can manually cancel a reconciliation. However, you can cancel a reconciliation only when it is in the **Open** or **Completed** status. On canceling a reconciliation, the status of the reconciliation is changed to **Pending Cancelation.** The status of pay instructions remains as **Open** or **Completed**.

You need to configure the **Reconciliation Cancellation Periodic Monitor (C1-RCNMD)** batch to execute at the regular intervals. It monitors whether there are reconciliations in the **Pending Cancelation** status. If there is a reconciliation in the **Pending Cancelation** status, the status of the reconciliation is changed to **Canceled**. In addition, the status of all pay instructions in the reconciliation is changed to **Canceled**.

The system enables you to create a copy of reconciliation when it is in the **Canceled** status. If the number of pay instructions in the reconciliation does not exceed the value specified in the **Defer Processing Count** option type of the **C1-RECDUPBH** feature configuration, a copy of the reconciliation and pay instructions is created in the real time (i.e. immediately). The status of the reconciliation is set to **Pending**. And, the status of the pay instruction is set to either **Pending** or **Error** depending on whether it is successfully validated or not.

However, if the number of pay instructions in the reconciliation exceeds the value specified in the **Defer Processing Count** option type of the **C1-RECDUPBH** feature configuration, a batch job is automatically created using the **Duplicate Reconciliation (C1-RECDU)** batch. A message appears indicating the batch job ID. This batch job creates a copy of the reconciliation and pay instructions. The status of the reconciliation is set to **Pending**. And, the status of the pay instruction is set to either **Pending** or **Error** depending on whether it is successfully validated or not.

If the policy number, plan number, and member identifier are specified in a pay instruction, then the pay instruction is reconciled at the main subscriber level. If the policy number and plan number are specified in a pay instruction, then the pay instruction is reconciled at the plan level. However, if the policy number is only specified in a pay instruction, then the pay instruction is reconciled at the policy level.

On reconciling, some pay instructions are fully reconciled against the bill segments, some pay instructions are partially reconciled against the bill segments, and some pay instructions are not reconciled against any bill segments. The system enables you to capture such discrepancies for the reporting purposes. If required, you can generate the discrepancy report at the file or account level. If you generate the discrepancy report at the file level, the system lists the following:

- All pay instructions in the file which were partially reconciled due to rate variance
- All pay instructions in the file which could not be reconciled as the amount was paid, but not yet billed

However, if you generate the discrepancy report at the account level, the system lists the following:

- All billed items which were partially reconciled against pay instructions due to rate variance
- All billed items which could not be reconciled as the amount was billed, but not yet paid
- All pay instructions for the account which could not be reconciled as the amount was paid, but not yet billed

While generating a discrepancy report, you need to specify the discrepancy report type using which you want to create the discrepancy report. Once you review and finalize the discrepancy report, its status is changed to **Completed**. At a time, you can only have one discrepancy report for the file or account in the **Pending** status. Until, you finalize a discrepancy report, you cannot create another discrepancy report for the file or account. Also, note that you can create a discrepancy report for a file only when its corresponding reconciliation is in the **Open** status.

Enhancements (Generic)

This section lists the enhancements made to the following features which can be used in both financial services and insurance domains:

- Trial Billing
- Upload Response from Auto Clearing House (ACH)
- Automatic Payments
- Freeze Payments on Notification
- Payment Distribution
- Rules Engine
- Approval Workflow
- Deferred Revenue Recognition
- Pricing Management
- Billing

Trial Billing

The following changes are made to the Trial Billing feature:

- Now, you can also search for trial bills which are generated for accounts belonging to a particular division.
- The following zones are added in the **Trial Bill (Used for Viewing)** screen:
    - **Trial Bill Segment Calc Lines** – Enables you to view the calculation lines which indicate how the system calculated the trial bill segment amount.
    - **Trial Bill Segment SQ Details** – Enables you to view the service quantity identifiers associated with the contract against which the trial bill segment is created.
    - **Trial Bill Segment Financial Details** – Enables you to view the distribution codes which indicate the GL accounts that will be affected by the trial bill segment financial transaction.

Automatic Payments

The following changes are made to Automatic Payments feature:

- Earlier, while executing the **Automatic Payment Creation (APAYCRET)** batch, the automatic payment was created for a bill with the amount which was stamped against the bill in the **CI_BILL_ACH** table. The system did not recalculate the automatic payment amount during the batch execution. This resulted into an issue when a manual payment was made against a bill before the automatic payment was created. Now, the **Verify ACH amounts (Y/N)** parameter is added in the **Automatic Payment Creation (APAYCRET)** batch. If you set the **Verify ACH amounts (Y/N)** parameter to **Y**, the system will recalculate the automatic payment amount before creating the automatic payment. The automatic payment amount will be updated against the bill in the **CI_BILL_ACH** table. If the entire amount is manually paid, then the corresponding record will be removed from the **CI_BILL_ACH** table. However, if you set the **Verify ACH amounts (Y/N)** parameter to **N**, the system will not recalculate the automatic payment amount before creating the automatic payment.
- The **Auto Pay Route Type** screen is completely redesigned to enhance user experience. You can now associate characteristics with an auto pay route type which you can define while creating a rule based auto pay instruction using the auto pay route type.
- The **Open-Item Account Match Type Code To Be Used For Rule Based Auto Payments** parameter is added in the **APAY-CREATE** algorithm type. It allows you to specify the match type which you want to use while creating automatic payments for an account for which rule based auto pay instructions are defined.
- The **Rule Base Auto Payment Processing** system event is added in the **Controls** tab of the **Customer Class** screen.
- The **Automatic Adjustment Creation** system event is added in the **Algorithms** tab of the **Installation Options – Framework** screen.
- The Java Value Name for the **CANC** field value in the **CI_APAY_UPL_RSN_TYPE** lookup is changed from **cancelPayment** to **cancel**.

Freeze Payments on Notification

The following changes are made to the Freeze Payments on Notification feature:

- A multi-query zone is added in the **Auto Payment Clearing Staging** screen. There are following two options in the **Search By** list:
    - **Auto Payment** - Enables you to search for the auto pay clearing staging records which are created for automatic payments.
    - **Adjustment** - Enables you to search for the auto pay clearing staging records which are created for automatic refunds.

Payment Distribution

The following algorithm type is shipped in this release:

- **C1-PYBLAPAY** – This algorithm applies payment against bill segments and adjustments of an unpaid bill against which the auto pay ID (specified as match value) is stamped. If two or more bill segments' or adjustments' financial transaction has the same auto pay ID, the payment is applied against bill segments and adjustments based on the coverage period. For example, the payment amount is 100$ and BS1 with the coverage period 1st Jan 2010 to 31st Jan 2010 is 75$ and BS2 with the coverage period 1st Apr 2010 to 30th Apr 2010 is 50$, then the algorithm first applies payment against BS1 (Payment Amount 75$) and then against BS2 (Payment Amount 25$). If the bill segments or adjustments have the same coverage period, the payment is applied against the bill segments or adjustments based on the priority of the contract type. However, if two or more bill segments or adjustments have the same coverage period, contract priority and plan (such as, medical), the payment is applied against the bill segments and adjustments based on the amount. The bill segment or adjustment with the lowest amount is paid off first. If multiple bill segments or adjustments have the same coverage period, contract priority, and amount, then the payment is applied against the bill segments and adjustments based on the subscriber name (in the alphabetical order). For example, BS1 is for John and BS2 is for Anny, then BS2 which is for Anny is paid off first.

  If two or more bill segments or adjustments have the same coverage period and contract priority, but different plans (such as medical and dental), the algorithm uses the weighted average mechanism to distribute payment against bill segments and adjustments.

  This algorithm maintains a separate match event for each bill segment and adjustment against which the payment is applied. It does not mix multiple bill segments or adjustments in a single match event. This allows the system to identify unpaid amount at the bill segment and adjustment level. If the bill segment or adjustment amount is in credit, the algorithm allocates a negative payment amount to the bill segment or adjustment, and then carries over the credit amount to pay off other bill segments or adjustments in the bill. Any remaining amount after the bill is completely paid off is distributed using the overpayment distribution algorithm attached on the respective customer class.

  It contains the following parameter:

  - **Contract Types For Weighted Distribution List** – Used when you want to specify a particular contract type for which weighted average mechanism should be used to distribute payment against bill segments or adjustments of the respective contracts. You can specify comma-separated values for this parameter.
  - **Move Entire Pay Segment Amount to Excess Credit Contract (Y)** – Used to indicate whether you want to move the entire pay segment amount to excess credit contract when the bill segment or adjustment is partially paid. The valid value is **Y**. If you leave this parameter blank, the remaining amount after making the payment is moved to the excess credit contract.

Rules Engine

The following changes are made to Rules Engine feature:

- A new field named **Rule Type Usage** is added in the **Rule Type** screen. It is used to indicate whether you want to use the rule type while defining rule based auto pay instructions or while defining certain business rules which are used for mapping transactions with the price items. If you want to use the rule type while defining rule based auto pay instructions, you must set the rule type usage to **Auto Pay**. However, if you want to use the rule type while defining certain business rules which are used for mapping transactions with the price items, you must leave this field blank.
- The **Maximum Rule Count** field appears only when you select the **Auto Pay** option from the **Rule Type Usage** list. It is used to indicate the maximum number of rules that can be defined when the rule based auto pay instruction is created using the rule type.
- At present, the following fields are only supported while defining a rule type where the **Rule Type Usage** field is set to **Auto Pay**:
    - Policy Number
    - Plan Number
    - Price Item
- At present, the following characteristic entities are only supported while defining a rule type where the **Rule Type Usage** field is set to **Auto Pay**:
    - Adjustment
    - Billable Charge
    - Policy
    - Policy Plan
    - Price Item
- You need to attach the rule criteria derivation algorithm (which is created using the C1-**APRCRIDER** algorithm type) in the rule type where the **Rule Type Usage** field is set to **Auto Pay**. The **C1-APRCRIDER** algorithm is invoked from the **C1-APRULEEVL** or **C1-RULEAPPRC** algorithm depending on whether the **Bill Segment Freeze Option** field in the installation options is set to **Freeze At Will** or **Freeze At Bill Completion**. It receives the financial transaction ID or entity type and entity ID combination as the input parameter. If the input parameter is financial transaction ID, then the values of all those fields (such as, policy number, plan number, or price item) which are selected in the rule type (as the input and output parameters) are derived from the financial transaction. In addition, it also derives the characteristics of all those entities which are selected as the rule criteria characteristic entities in the rule type. Note that it derives characteristic which are effective during the FT freeze or bill completion. The output is then used by the rules engine to check whether the financial transaction satisfies the rules defined in the auto pay instruction.

Approval Workflow

The following changes are made to the Approval Workflow feature:

- The **Approve**, **Resolve**, **Modify**, and **Logs** screens are removed. Instead, one screen named **Approval Transaction** is added which allows you to:
    - Approve, reject, or cancel an approval transaction
    - Modify or withdraw an approval transaction
    - Resolve or withdraw an approval transaction
    - View the log of an approval transaction
    - Search for an approval transaction which is in the **Approved**, **Cancelled**, **Rejected**, **Inprocess**, **Pending**, or **Deleted** status using various search criteria
- The following screens are redesigned to enhance user experience and improve performance:
    - Comparison: New versus Existing (formerly known as Comparison UI for Maker Checker)
    - Approve Price Assignment
    - Approval Workflow Group
    - Approval Workflow Chain
    - Approval Workflow Criterion Type
    - Approval Workflow Group Chain Linkage
    - Approval Workflow Settings
    - Approval Workflow Reason
- Earlier, you were able to review the changes and accordingly approve, reject, or cancel the approval transaction in the **Approve Price Assignment** screen by clicking the **View Change** link in the **View Changes** column. Now, on clicking the **Broadcast** icon corresponding to the approval transaction in the **List of Price Assignments** zone, the following two zones appear:
    - **Comparison: New Versus Existing** – Enables you to review the changes and accordingly approve, reject, or cancel the approval transaction.
    - **Approval Transaction Log** – Enables you to view the log of the approval transaction.
- Now, there are two screens for approval workflow group – one allows you to search for an approval workflow group and another allows you to view, edit, and delete an approval workflow group.
- Earlier, there were two zones named **Business Objects** and **Group BO Relation** in the **Approval Workflow Group** screen. Now, these two zones are merged into one zone named **Business Objects and Group BO Relation** in the **Approval Workflow Group** screen.
- Now, there are two screens for approval workflow chain – one allows you to search for an approval workflow chain and another allows you to view, edit, and delete an approval workflow chain.
- Now, there are two screens for approval workflow criterion type – one allows you to search for an approval workflow criterion type and another allows you to view, edit, and delete an approval workflow criterion type.

- Now, there are two screens for approval workflow group chain linkage – one allows you to search for an approval workflow group chain linkage and another allows you to view, edit, and delete an approval workflow group chain linkage.
- While defining an approval workflow group chain linkage, you can also indicate whether you want to configure approval rule for one or more fields of the business objects which are included in the approval workflow group. If you select the **Yes** option from the **Field Approval Rule** list, the **Field Approval Rule Criteria** section appears. Here, you can define approval rule for a field. This is useful when the approval is required from the approver (at each level in the approval workflow chain) on adding and/or updating the data in a field. Here, the approval workflow chain can be different from the one for which the approval workflow group chain linkage is defined. If the data type of the field is numeric, you can also define the approval rule for different value range. This is useful when the approval is required from a particular approval level depending on the value specified in the field. For example, you want to configure approval rule for the **Bill Lead Days** field of the **C1-AccountBO** business object as mentioned in the following table:

Bill Lead Days	Approval Workflow Chain	Approval Level
5 - 9	CH1	1
10 - 14	CH1	2
15 - Infinite	CH1	3

In this case, you will define the field approval rule in the following manner:

Threshold Value	Approval Workflow Chain	Approval Level
5	CH1	1
10	CH1	2
15	CH1	3

Now, if the user enters 9 in the **Bill Lead Days** field while adding or editing an account, then the approval is required from the approval level 1. If the user enters 20 in the **Bill Lead Days** field, then the approval is required from the approval level 3. And, if the user enters any value below 5, no approval is required.

You can also use the **Hierarchical Approval** option while defining approval rule for a field. If you select the **Hierarchical Approval** option, then the approval hierarchy is followed based on threshold limit. For example, if the user enters 12 in the **Bill Lead Days** field, then the approval is first required from the approval level 1 and then from the approval level 2.

Note: If you are defining approval rule for a field which exists in both main and child tables of the business object, then the approval transaction is created only when the field in the main table is updated.

- Now, there are two screens for approval workflow reason – one allows you to search for an approval workflow reason and another allows you to view, edit, and delete an approval workflow reason.

- Now, there are two screens for approval workflow settings – one allows you to search for an approval workflow group settings and another allows you to view, edit, and delete an approval workflow group settings.
- Earlier, you had the option to add reason and comments while rejecting and canceling an approval transaction. Now, in addition, you can also add reason and comments while approving an approval transaction. To enable the user to add reason and comments while approving the approval transaction, you need to set the **Approval Reason Required** field to **Yes** in the respective approval workflow group settings.
- Now, if the **Active** field for an approval workflow group is set to **Yes** in the **Approval Workflow Settings** screen, you cannot edit the following:
    - Approval Workflow Group
    - Approval Workflow Group Chain Linkage
    - Approval Workflow Chain (used in the approval workflow group chain linkage)
    - Approval Workflow Criterion Type (used in the approval workflow group chain linkage)
- The **Display Existing Panel on Left Side (Y/N)** option type is added in the **C1_AXENTITY** feature configuration. It is used to indicate whether you want to view the existing or new data in the left panel while approving, rejecting, or canceling the approval transaction. The valid values are **Y** and **N**. If you set the **Display Existing Panel on Left Side (Y/N)** option type to **Y**, the existing data appears in the left panel. However, if you set the **Display Existing Panel on Left Side (Y/N)** option type to **N**, the new data appears in the left panel.

Deferred Revenue Recognition

The following changes are made to the Deferred Revenue Recognition feature:

- Now, you need to create a deferred revenue recognition template for each distribution code and contract type combination for which you want to create a deferred revenue recognition (when the bill segment and adjustment financial transactions created against the respective contracts are frozen). It is the deferred revenue recognition template which helps the system to determine:
    - Adjustment type using which the adjustment should be created when the deferred revenue is recognized
    - Whether the recognition amount and date in the deferred revenue recognition schedule are editable until recognized
    - Whether the characteristics can be defined for the deferred revenue recognition
    - Whether the related recognitions can be associated with the deferred revenue recognition
    - Whether the deferred revenue recognition schedule must be generated automatically or manually
    - Whether the deferred revenue must be recognized daily, weekly, or monthly
    - Whether the deferred revenue amount must be prorated when the recognition schedule is set to **Monthly**

- Algorithm using which the recognition lines in the deferred revenue recognition schedule should be created
- Algorithm using which the adjustment must be generated when the deferred revenue is recognized

- Two screens for deferred revenue recognition template are introduced in this release – one allows you to search for a deferred revenue recognition template and another allows you to view, edit, and delete a deferred revenue recognition template.
- Now, the **C1-REVRECSCH** algorithm (attached on the **FT Freeze** system event of the contract type) checks whether an active deferred revenue recognition template exists for the distribution code and contract type combination. If so, it creates a deferred revenue recognition using the template and sets the status of the deferred revenue recognition to **Draft**.

  It then checks whether the type of the corresponding financial transaction is **Bill Segment** or **Adjustment**. If the type of the corresponding financial transaction is **Bill Segment**, it sets the valid until date of the deferred revenue recognition to the bill segment end date. However, if the type of the corresponding financial transaction is **Adjustment**, it checks whether the **Use Contract Expiration Date (Y or N)** parameter is set to **Y** or **N**. If the **Use Contract Expiration Date (Y or N)** parameter is set to **Y**, it sets the valid until date of the deferred revenue recognition to the contract expiration date. However, if the **Use Contract Expiration Date (Y or N)** parameter is set to **N**, it sets the valid until date of the deferred revenue recognition to the financial transaction arrears date.

Note: If the **Use Contract Expiration Date (Y or N)** parameter is set to **Y** and the contract expiration date is not specified on the contract, then the financial transaction is skipped and deferred revenue recognition is not created for the respective financial transaction.

  In addition, on creating the deferred revenue recognition, an appropriate log entry is added which you can view in the **Deferred Revenue Recognition Log** zone.

  It contains the following parameter:

  - **Use Contract Expiration Date (Y or N)** – Used to indicate whether the valid until date must be set to the contract expiration date when the type of the corresponding financial transaction is **Adjustment**. The valid values are **Y** and **N**. This parameter is mandatory.

- You need to attach an algorithm (which is created using the **C1-REVRECITM** algorithm type) to the **Create Deferred Revenue Recognition Schedule** system event of the deferred revenue recognition template. The **C1-REVRECITM** algorithm creates schedule for the deferred revenue recognition. It considers the valid until date and accordingly creates the recognition lines within the schedule. If the recognition schedule is **Weekly**, by default, the recognition day is set to **SUN** (which means Sunday of each week). However, if the recognition schedule is **Monthly**, by default, the recognition date is set to the last day of the month (i.e. 28, 29, 30, or 31).

  It contains the following parameters:

  - **Use Calendar or Business Days (C or B)** - Used to indicate whether you want to use the calendar or business days while generating the recognition schedule. The business days are derived using the work calendar defined on the financial transaction. If you do not specify any value for this parameter, by default, it is set to **C**. This parameter is mandatory.

- **Override Default Recognition Date (Y or N)** – Used to indicate whether you want to override the default weekly or monthly recognition date. The valid values are **Y** and **N**. This parameter is mandatory.
- **Override Default Weekly Recognition Day (Mon, Tue, Wed, Thu, Fri, Sat, Sun)** – Used to indicate the day of the week when you want to recognize the deferred revenue. The valid values are **Mon**, **Tue**, **Wed**, **Thu**, **Fri**, **Sat**, and **Sun**. This parameter is required when you want to override the default weekly recognition day.
- **Override Default Monthly Recognition Date (1-31)** - Used to indicate the day of the month when you want to recognize the deferred revenue. The valid values are **1**, **2**, **3**, …, **31**. This parameter is required when you want to override the default monthly recognition date.

- You need to attach an algorithm (which is created using the **C1-REVRECADJ** algorithm type) to the **Generate Deferred Revenue Recognition Adjustment** system event of the deferred revenue recognition template. The **C1-REVRECADJ** algorithm creates deferred revenue recognition adjustment using the adjustment type defined on the respective deferred revenue recognition template. Before creating the deferred revenue recognition adjustment, it checks whether the contract for which the deferred revenue recognition is created is cancelled. If so, the status of the deferred revenue recognition is set to **Canceled**.

  If all lines in the recognition schedule are recognized, the status of the deferred revenue recognition is set to **Closed**.

- A batch control named **Deferred Revenue Recognition Periodic Monitor (C1-RRSMO)** is introduced in this release. It monitors whether there are any deferred revenue recognitions in the **Draft** status. If there is a deferred revenue recognition in the **Draft** status, the system checks whether the recognition schedule generation type in the respective deferred revenue recognition template is set to **Automatic** or **Manual**. If the recognition schedule generation type is set to **Automatic**, the status of the deferred revenue recognition is changed to **In Progress** and the algorithms attached to the **In Progress** status are executed. Once the recognition schedule is successfully created, the status of the deferred revenue recognition is changed to **Active**.

  However, if the recognition schedule generation type is set to **Manual**, the status of the deferred revenue recognition remains as **Draft**.

- If the recognition schedule generation type in the respective deferred revenue recognition template is set to **Manual**, you need to create the recognition schedule by clicking the **Generate Schedule** button in the **Deferred Revenue Recognition** screen.

- Now, the **Deferred Revenue Recognition Adjustments (C1-RRADJ)** batch is used to monitor or check whether there are any deferred revenue recognitions in the **Active** status. If there is a deferred revenue recognition in the **Active** status, it then checks whether there is any line within the recognition schedule whose recognition date is earlier than or equal to the batch business date. If so, it considers those active deferred revenue recognitions for adjustment generation. If an algorithm of the **C1-REVITMREC** algorithm type is attached to the respective deferred revenue recognition template and the **Create Adjustments (Y or N)** parameter in the algorithm is set to **N**, the system does not consider deferred revenue recognitions for adjustment generation. However, if an algorithm of the **C1-REVITMREC** algorithm type is not attached or if the **Create Adjustments (Y or N)** parameter in the algorithm is set to **Y**, the system creates deferred revenue recognition adjustment using the adjustment type defined in the respective deferred revenue recognition template. Before creating the deferred revenue recognition adjustment, it checks whether the contract for which the deferred revenue recognition is created is cancelled. If so, the status of the deferred revenue recognition is set to **Canceled** and no more adjustments are created for such deferred revenue recognition.

  If all lines in the recognition schedule are recognized, the status of the deferred revenue recognition is set to **Closed**.

- If the account's invoice currency has changed after the financial transaction is created, the deferred revenue recognition adjustment will be created in the account's invoice currency and not in the currency in which the financial transaction is created.
- You can edit the recognition amount until recognized only when the **Allow Editing Recognition Schedule** option is selected in the respective deferred revenue recognition template. However, you edit the recognition amount only when the deferred revenue recognition is created for the bill segment and adjustment financial transaction and not when it is created for the bill segment and adjustment cancelation financial transaction.
- The **Deferred Revenue Recognition** (formerly known as **Deferred Revenue Recognition Schedule**) is completely redesigned to enhance user experience. Now, there are two screens for deferred revenue recognition – one allows you to search for deferred revenue recognition and another allows you to:
  - View the details of the deferred revenue recognition (such as schedule, associated and related recognitions, characteristics)
  - Generate the recognition schedule
  - Edit the details of the deferred revenue recognition (such as characteristics, related recognitions)
  - Edit the deferred revenue recognition schedule
  - View the log of the deferred revenue recognition
  - Add a log entry for the deferred revenue recognition
- For bill segment and adjustment cancelation financial transaction, you can view the deferred revenue recognitions for the corresponding bill segment and adjustment financial transaction in the **Related Deferred Revenue Recognitions** section.

- When a financial transaction has more than one FT GL entries, then deferred revenue recognition is created for each FT GL entry. For example, FT1 has two FT GL entries – FTGL1 and FTGL2. The system will create DRR1 for FTGL1 and DRR2 for FTGL2. While viewing the details of DRR1, the associated deferred revenue recognition of FT1 (i.e. DRR2) is listed in the **Associated Deferred Revenue Recognitions** section. Similarly, while viewing the details of DRR2, the associated deferred revenue recognition of FT1 (i.e. DRR1) is listed in the **Associated Deferred Revenue Recognitions** section.
- Now, there are four query options available in the **Deferred Revenue Recognition** screen which allow you to search for a deferred revenue recognition using various search criteria:
    - Account Details
    - Person Details
    - Deferred Revenue Recognition Details
    - Policy Details

  The **Policy Details** query option is available only when the user belongs to the HCADMIN user group.
- If you are already using the Deferred Revenue Recognition feature and want to upgrade to the ORMB V2.6.0.1.0, you need to execute the **Upgrade Batch for Deferred Revenue Recognition (C1-RRUPG)** batch to migrate the data from the previous release to the new release. It considers all existing deferred revenue recognitions which are in the **Draft** or **Active** status. It then derives the deferred revenue recognition template for the distribution code and contract type combination on the financial transaction and stamps it in the **DRR_TEMPLATE_CD** column corresponding to the record in the **CI_REV_REC_SCH** table. If all lines in the schedule are recognized, the status of the deferred revenue recognition is set to **Closed** in the **BO_STATUS_CD** column of the **CI_REV_REC_SCH** table. If few or all lines in the schedule are not recognized, the status of the deferred revenue recognition is set to **Active** in the **BO_STATUS_CD** column of the **CI_REV_REC_SCH** table.

Note: Before executing this batch, you need to create deferred revenue recognition template for each distribution code and contract type combination for which deferred revenue recognitions exist in the system.

Pricing Management

The following changes are made to the Pricing Management feature:

- The **Price Item Pricing** screen is completely redesigned to enhance user experience and improve performance.
- Now, assigning a price item to a person, account, or price list is a two-step process. In the first step, you can provide the following details:
    - Basic information about pricing (such as rate schedule, price assignment type, pricing currency, pricing status, etc.)
    - TFM information
    - Characteristics for price item pricing

- Price item parameters based on which you want to define the price item pricing

In the second step, you can define price components for rate components. If the tiering type of the rate component is set to **Flat**, you can specify the price components and pricing eligibility criteria (when the **Pricing Eligibility** option is selected). If the tiering type of the rate component is set to **Step** or **Threshold**, you can specify the price components, tiering criteria, and pricing eligibility criteria (when the **Pricing Eligibility** option is selected). Similarly, editing and copying a price item pricing is a two-step process.

- Two new statuses are added for price item pricing – **Draft** and **Pending in Approval**. On creating a price item pricing, the status of the price item pricing is set to **Draft**. On submitting a price item pricing when the approval workflow is on, the status of the price item pricing is changed to **Pending in Approval**. However, on submitting a price item pricing when the approval workflow is off, the status of the price item pricing is changed to **Active**.
- You can delete a price item pricing when it is in the **Draft** status.
- The **Pricing Eligibility** check box is added in the **Price Item Pricing** screen. If the **Pricing Eligibility** check box is selected while defining a price item pricing, you cannot deselect the check box while editing the price item pricing.
- If you edit the end date and other details (except status) of the price item pricing which is referred in the system, a new price item pricing is created and the old price item pricing is end-dated. However, if you edit the end date or status of the price item pricing which is referred in the system, the existing price item pricing is updated and no new price item pricing is created.

Billing

The following changes are made to the Billing feature:

- Now, the following buttons are active when the bill is generated from the user interface using a construct:

Screen	Tab	Button
Bill	Main	Correction Note
Bill	Bill Segments	Generate
Bill	Bill Segments	Freeze
Bill	Bill Segments	Cancel/Rebill/Freeze
Bill	Bill Segments	Cancel
Bill	Bill Segments	Delete
Bill Segment	Main	Generate
Bill Segment	Main	Delete
Bill Segment	Main	Freeze
Bill Segment	Main	Rebill
Bill Segment	Main	Init Cancel

Screen	Tab	Button
Bill Segment	Main	Undo
Bill Segment	Main	Cancel
Bill Segment	Main	Correction Note

Person Information

The following changes are made to the Person Information feature:

- Earlier, wherever you specified person name across application, you were able to specify maximum 64 characters. Now, the maximum character length for person name is increased to 254. For more information about the columns where the format has changed, see the A.1.7 Column Format Change section in *Oracle Revenue Management and Billing Database Administrator's Guide*.

Enhancements (Specific to Financial Services)

This section lists the enhancements made to the following features which can be used in the financial services domain:

- Construct
- Customer 360-Degree View
- Accrual

Construct

The following changes are made to the Construct feature:

- The **Construct** screen is completely redesigned to enhance the user experience and improve performance.
- Now, adding a construct is a two-step process. In the first step, you can provide information about the construct (such as the type of construct, effective start date, effective end date, and so on) and define characteristics for the construct, if any. In the second step, you can include selection criteria for usage or usage and invoice accounts, selection criteria for billable charges or bill segments, and selection criteria for adjustments, and exclude usage or usage and invoice accounts. Similarly, editing and copying a construct is a two-step process.
- The **Construct (Used for Searching)** screen enables you to search for a construct using various search criteria. In addition, it enables you to create, edit, copy, view, and inactivate a construct.
- The **Construct (Used for Editing)** screen enables you to view the details of a construct. It also enables you to:
    - Include selection criteria for usage accounts in a construct where the construct type is set to Invoice or Invoice and Settlement.
    - Include selection criteria for usage and invoice accounts in a construct where the construct type is set to Settlement.
    - Exclude usage accounts from a construct where the construct type is set to Invoice or Invoice and Settlement.
    - Exclude usage or invoice accounts from a construct where the construct type is set to Settlement.
    - Include selection criteria for billable charges in a construct where the construct type is set to Invoice or Invoice and Settlement.
    - Include selection criteria for bill segments in a construct where the construct type is set to Invoice or Invoice and Settlement.
    - Include selection criteria for adjustments in a construct where the construct type is set to Invoice, Invoice and Settlement, or Settlement.
    - View usage accounts linked to the construct where the construct type is set to Invoice or Invoice and Settlement.

- View usage and invoice accounts linked to the construct where the construct type is set to Settlement.

Note: You cannot view the accounts linked to a construct when the construct is in the **Draft** status.

If required, you can also edit or delete the selection criteria. However, you can edit or delete the selection criteria only when the construct is in the **Draft** or **Pending Approval** status. In addition, it enables you to edit, delete, and activate a construct. However, you can delete a construct only when the construct is in the **Draft** status. And, you can edit or activate a construct only when the construct is in the **Draft** or **Pending Approval** status.

Note: You can edit the construct only when it is not referred for billing. If it is referred for billing, you can only add new selection criteria and change the end date of the construct and existing selection criteria.

- Earlier, you were able to deactivate an active construct using the **De-Activate** button while editing the construct. Now, you can deactivate an active construct using the **Inactivate** icon in the **Inactivate** column corresponding to the construct in the **Construct (Used for Searching)** screen.

Note: You can inactivate a construct only when it is not referred for billing.

- Now, while specifying usage and/or invoice accounts selection criteria, you need to specify the date range for which the selection criteria is effective. You also need to specify the priority of the selection criteria to indicate the order in which the selection criteria should fetch the usage or usage and invoice accounts when there are multiple selection criteria for the same or overlapping date range.
- Now, you can exclude the usage and/or invoice accounts from the construct for a particular date range.
- Now, while specifying adjustment selection criteria, you need to specify the date range for which the selection criteria is effective. You also need to specify the priority of the selection criteria to indicate the order in which the selection criteria should fetch the adjustments when there are multiple selection criteria for the same or overlapping date range.
- You can now view the date range when the accounts are linked to the construct.
- Now, while specifying billable charge selection criteria, you need to specify the date range for which the selection criteria is effective. You also need to specify the priority of the selection criteria to indicate the order in which the selection criteria should fetch the billable charges when there are multiple selection criteria for the same or overlapping date range.
- Now, while specifying bill segment selection criteria, you need to specify the date range for which the selection criteria is effective. You also need to specify the priority of the selection criteria to indicate the order in which the selection criteria should fetch the bill segments when there are multiple selection criteria for the same or overlapping date range.
- Earlier, while copying a construct, a small window appeared wherein you specified the construct description, effective start date and effective end date. Now, a screen similar to the one used while adding and editing appears when you copy a construct. This screen allows you to specify basic details about the construct and define characteristics for the construct. Similar to adding and editing, copying a construct is a two-step process.

- The following table lists the status in which you can perform different actions:

Status	Action
Draft	Editing, Copying, Deleting, and Activating a Construct
Active	Editing, Copying, and Inactivating a Construct
Pending Approval	Copying a Construct
Inactive	Copying a Construct
Rejected	Copying a Construct

- Earlier, if you wanted to include the usage accounts in any existing active construct once the usage accounts are created, you had to attach usage account construct mapping algorithm to the division whose usage accounts you want to include in any existing active construct. However, now, if you want to include the usage accounts in any existing active construct once the usage accounts are created, you need to create an algorithm using the **C1-LINKACCIC** algorithm type and attach it to the **Post-Processing** system event of the **C1-AccountBO** business object.
- The **Usage Account Construct Mapping** system event is removed from the **Algorithms** tab of the **Division** screen.
- The **C1-LINKACCIC** algorithm checks whether the usage account satisfies the selection criteria specified in any active construct which is effective on the account's setup date. If so, it includes the usage account in the construct once the usage account is created. The linkage start date is set to the account's setup date and the linkage end date is set to the selection criteria's end date. If the usage account satisfies the selection criteria of more than one active construct with overlapping date range, then usage account is not included in any construct. Instead, a To Do entry is created using the **C1-MIC_A** To Do type. You can view this To Do entry only when you are assigned a To Do role which is associated with the **C1-MIC_A** To Do type.
- Now, when there is a change in the person's legal hierarchy (i.e. on adding or removing a child person from the parent person), you can validate whether the child persons' usage accounts satisfies the selection criteria of any active construct. To use this functionality, you need to create an algorithm using the **C1-PERHIC** algorithm type and attach it to the **Post-Processing** system event of the **C1_PERSON_BO**business object.
- The **C1-PERHIC** algorithm checks whether the usage account of the child person (which is newly added) satisfies the selection criteria specified in any active construct. While including the usage account in a new construct, the usage account's linkage start date is set to the relationship start date, account's setup date, construct's effective start date, or selection criteria's effective start date, whichever is latest. And, the linkage end date is set to relationship end date, account's setup date, construct's effective end date, or selection criteria's effective end date, whichever is earlier. While removing a child person, the usage account's linkage end date in a construct is set to system date. In case, the usage account's linkage start date in the old construct is a future date and the bill is not yet generated for the usage account through the construct, then the usage account is removed from the construct.

  If the usage account satisfies the selection criteria of more than one active construct with overlapping date range, then usage account is not included in any construct. Instead, a To Do entry is created using the **C1-MIC_A** To Do type. You can view this To Do entry only when you are assigned a To Do role which is associated with the **C1-MIC_A** To Do type.

- Earlier, the approval workflow for the construct was configured as Status Based Approval Workflow. Henceforth, the approval workflow for the construct must be configured as Business Object Based Approval Workflow.
- Earlier, you were able to approve or reject the construct from the **Construct** screen. Now, you can approve or reject a construct only from the **Approval Transaction** screen (which you can access from the **Approval Workflow** menu).
- Earlier, while defining a construct, you were able to use an existing invoice or settlement account, or you were able to create a new invoice or settlement account with or without using the profile. Now, while defining a construct, you can only use an existing invoice or settlement account.
- Now, you cannot delete a template once created. In addition, you cannot edit or inactivate a template when it is used in a construct.

Customer 360-Degree View

The following changes are made to the Customer 360-Degree View feature:

- Now, you can view the price lists and price items assigned to a person or an account in the **Pricing** tab of the **Customer 360-Degree Information** screen.

Accrual

The following changes are made to the Accrual feature:

- A new parameter named **Do you want to consider bill cycle period as Multiplication Factor (Y/N)** is added to the **C1_ACCR_CAL** algorithm type. It is used to indicate whether you want to calculate accrual for the entire bill cycle or from the last bill date till the accrual date. The valid values are **Y** and **N**. If you set this parameter to **Y**, the accrual is calculated for the entire bill cycle. And, if you set this parameter to **N**, the accrual is calculated from the last bill date till the accrual date. By default, the parameter value is set to **N**.

  Earlier, the default behavior was set to calculate accrual for the entire bill cycle. However, now, the default behavior is set to calculate accrual from the last bill date till the accrual date. Due to this change in the default behavior, the customers who are upgrading from 2.6.0.0.0 to 2.6.0.1.0 and want to calculate accrual for the entire bill cycle will have to explicitly set the **Do you want to consider bill cycle period as Multiplication Factor (Y/N)** parameter to **Y**.
- Now, while adding an accrual manually, you can add accrual details only when:
  - The selected account is eligible for accrual
  - Active contract exists on the account
  - Effective accrual type exists for the division (to which the account belongs) on the system date
  - Accrual cycle is defined either on the account or division
- Now, you can even define characteristics for an accrual. However, you can define characteristics only while manually adding an accrual.

- If the accrual object in the accrual type is set to **Adjustment**, an additional column named **Adjustment Information** appears in the **Accrual Details** section when the accrual is in the **Accrued** or **Reversed** status.
- Now, on clicking the trial bill ID in the **Accrual** screen, the **Trial Bill** screen appears with the details of the respective trial bill.
- Now, the currency symbol appears corresponding to the accrual amount in the **Main** section of the **Accrual** zone. In addition, the currency symbol appears corresponding to the amount in the **Accrual Details** section.
- The **Approval in Progress** status is added in the lifecycle of the **C1_ACCRUALS** business object.
- The accrual ID generation logic is changed. Now, the first seven digits are derived from the account ID and remaining 12 digits are derived from the sequence.
- Earlier, you were able to enable the approval workflow for accrual by attaching the **C1_ACCR_POCA** algorithm to the accrual type. Now, if you want to enable the approval workflow for accrual, you need to select the **Approval Required** check box and specify the following in the accrual type:
    - Approval Profile
    - Hierarchical Approval (if required)
    - Submitter To Do Type
    - Submitter To Do Role

Enhancements (Specific to Insurance)

This section lists the enhancements made to the following features which can be used in the insurance domain:

- Policy

Policy

The following changes are made to the Policy feature:

- You can now view the calculated paid through date at the policy and membership level. The paid through date indicates the term end date of the last fully paid term. However, to calculate the paid through date whenever a premium is paid or any corrections are made, you need to create an algorithm using the following algorithm types and attach them to the respective customer class:

System Event	Algorithm Type
Payment Freeze	C1-PSPTDCAL
Payment Cancellation	C1-PXPTDCAL

In addition, if you want to recalculate the paid through date whenever an adjustment is created against the bill segment, you need to create an algorithm using the following algorithm types and attach them to the respective adjustment type:

System Event	Algorithm Type
Adjustment Freeze	C1-ADPTDCAL
Adjustment Cancellation	C1-AXPTDCAL

You can define the following parameters in these four algorithms:

- **Paid Through Date Cal Level** – Used to indicate whether the paid through date should be calculated at the policy and/or membership level. The valid values are **P** and **M**.
- **Threshold Percentage** – Used to indicate the threshold percentage for premium. It is used to calculate the paid through date. For example, if the threshold percentage is 50, the premium is $1000 and the premium paid is $500, then, in such case, the system will consider that the premium is paid for the entire coverage period and the paid through date is set to the coverage period end date. However, if the threshold percentage is 50, the premium is $1000 and the premium paid is $300, then, in such case, the system will set the paid through date ((300*31)/500=18.6) to 19 days from the coverage start date (i.e. 19th of the month assuming the coverage period start date is 1st of every month).
- **Premium Char Value** – Used to indicate that the system should only consider those bill segments or adjustments where the **C1TRNCAT** characteristic type is set to **Premium**

- **Skip Bill To Type Values (comma separated i.e. 'SATE', 'FEDR')** – Used to indicate whether you want to skip the bill segments or adjustments created against the contracts with the specified bill to type.

User Interface (UI) Level Changes

The following table lists changes made to the existing screens in Oracle Revenue Management and Billing:

Screen Name (in 2.6.0.1.0)	Changes
Trial Bill (Used for Searching)	The following changes are made to this screen: • The **Search** zone is renamed to **Search Trial Bill**. • The **Search By** and **Division** fields are added in the **Search Trial Bill** zone. • The **Bill ID** field is renamed to **Trial Bill ID**. • The **Bill Description** field is renamed to **Trial Bill Description**. • The **From Bill Date** and **To Bill Date** fields are renamed to **From Trial Bill Date** and **To Trial Bill Date**, respectively. • The **Bill Description**, **Bill ID**, and **Account ID** columns are removed from the **Search Results** section. • The **Trial Bill Information**, **Account Information**, and **Division** columns are added in the **Search Results** section. • The **View** column is removed from the **Search Results** section. You can now navigate to the **Trial Bill (Used for Viewing)** screen by clicking the link in the **Trial Bill Information** column corresponding to the trial bill in the **Search Results** section.
Trial Bill (Used for Viewing)	The following changes are made to this screen: • The **Trial Bill Information** and **Trial Bill Segment Information** zones are renamed to **Trial Bill** and **Trial Bill Segments**, respectively. • The **Bill ID**, **Bill Info**, and **Bill Description** fields are renamed to **Trial Bill ID**, **Trial Bill Information**, and **Trial Bill Description**, respectively, in the **Trial Bill** zone. • The **Account ID** field is removed and instead the **Account Information** field is added in the **Trial Bill** zone. • The **Bill Summary** and **Bill Messages** sections are renamed to **Trial Bill Summary** and **Trial Bill Messages**, respectively, in the **Trial Bill** zone. • The **Bill Message** column is renamed to **Message Code** in the **Trial Bill Messages** section. • The **Usage Account ID** and **Bill Segment Type** fields are renamed to **Account ID** and **Trial Bill Segment Type**, respectively, in the **Trial Bill Segments** zone. • The **Trial Bill Segment Status** field is added in the **Trial Bill Segments** zone.

Screen Name (in 2.6.0.1.0)	Changes
	• The **Bill Segment** and **Current Amount** columns are removed from the **Trial Bill Segments** zone. • The **Start Date**, **End Date**, **Calculated Amount (Pricing Currency)**, **Price Item**, **Pricing Parameters**, **Rate Schedule**, and **Price Assignment ID** columns are added in the **Trial Bill Segments** zone. • The **Bill Segment ID**, **Construct**, and **Bill Segment Status** columns are renamed to **Trial Bill Segment ID**, **Construct ID**, and **Status**, respectively, in the **Trial Bill Segments** zone. • The **Trial Bill Segment Calc Lines**, **Trial Bill Segment SQ Details**, and **Trial Bill Segment Financial Details** zones are added in this screen.
Construct (Used for Searching)	The following changes are made to this screen: • The **Purpose** field in the **Search Criteria** section and the **Purpose** column in the **Search Results** section are renamed to **Construct Type**. • The **Invoice Only** and **Settlement Only** drop-down values are renamed to **Invoice** and **Settlement**, respectively. • The **Effective From** field in the **Search Criteria** section and the **Effective From** column in the **Search Results** section are renamed to **Effective Start Date**. • The **Effective To** field in the **Search Criteria** section and the **Effective To** column in the **Search Results** section are renamed to **Effective End Date**. • The **Inactivate** column is added in the **Search Results** section.

Construct (Used for Viewing)	The following changes are made to this screen:
	• The **Purpose** field is renamed to **Construct Type**.
	• The **Effective From** and **Effective To** fields are renamed to **Effective Start Date** and **Effective End Date**, respectively.
	• The **Account Selection Template**, **Adjustment Selection Template**, **Billable Charge Selection Template**, and **Bill Segment Selection Template** column is renamed to **Template**.
	• The following columns are newly added in the **Include Usage/Invoice Accounts** zone:
	  ○ Effective Start Date
	  ○ Effective End Date
	  ○ Priority
	  ○ Criteria Description
	  ○ Edit
	  ○ Delete

Screen Name (in 2.6.0.1.0)	Changes
	• The following columns are newly added in the **Exclude Usage/Invoice Accounts** zone: o Effective Start Date o Effective End Date o Account ID o Edit o Delete • The following columns are newly added in the **Include Adjustments** zone: o Effective Start Date o Effective End Date o Edit o Delete • The **Person Information** column is removed from the **Linked Accounts** zone. • The following columns are newly added in the **Linked Accounts** zone: o Account ID o Effective Start Date o Effective End Date • The following columns are newly added in the **Include Billable Charges** zone: o Effective Start Date o Effective End Date o Edit o Delete • The following columns are newly added in the **Include Bill Segments** zone: o Effective Start Date o Effective End Date o Edit o Delete • The **Invoice Account** column in the **Include Adjustments** and **Include Billable Charges** sections is renamed to **Invoice Account Information**. • The **Settlement Account** column in the **Include Bill Segments** section is renamed to **Settlement Account Information**.

Screen Name (in 2.6.0.1.0)	Changes
Construct (Used for Adding)	The following changes are made to this screen: • The **Purpose** field is renamed to **Construct Type**. • The **Effective From** and **Effective To** fields are renamed to **Effective Start Date** and **Effective End Date**, respectively. • The **Invoice Only** and **Settlement Only** drop-down values are renamed to **Invoice** and **Settlement**, respectively. • The **Description** field is renamed to **Construct Description**. • The **Save as Draft** and **Activate** buttons are removed. Instead the **Save and Next** button is added in this screen. • The **Include Usage Accounts**, **Include Usage and Invoice Accounts**, **Exclude Usage Accounts, Exclude Usage and Invoice Accounts**, **Include Billable Charges**, **Include Bill Segments**, and **Include Adjustments** sections are removed. Now, there are only two sections – **Main** and **Characteristics**.
Construct (Used for Editing)	The following changes are made to this screen: • The **Purpose** field is renamed to **Construct Type**. • The **Effective From** and **Effective To** fields are renamed to **Effective Start Date** and **Effective End Date**, respectively. • The **Invoice Only** and **Settlement Only** drop-down values are renamed to **Invoice** and **Settlement**, respectively. • The **Description** field is renamed to **Construct Description**. • The **Save as Draft**, **Activate**, and **De-Activate** buttons are removed. Instead the **Save and Next** and **Submit** buttons are added in this screen. • The **Include Usage Accounts**, **Include Usage and Invoice Accounts**, **Exclude Usage Accounts, Exclude Usage and Invoice Accounts**, **Include Billable Charges**, **Include Bill Segments**, and **Include Adjustments** sections are removed. Now, there are only two sections – **Main** and **Characteristics**. • The **View Usage Accounts** button is removed from the **Include Usage Accounts** section. • The **View Usage and Invoice Accounts** button is removed from the **Include Usage and Invoice Accounts** section.
Template (Used for Searching)	The following changes are made to this screen: • The **Delete** column is removed from the **Search Results** section.
Customer 360-Degree Information	The following changes are made to this screen: • The **Pricing** tab is added in this screen.
Rule Type (Used for Searching)	The following changes are made to this screen: • The **Rule Type Usage** field is added in the **Search Criteria**

Screen Name (in 2.6.0.1.0)	Changes
	section. • The **Rule Type Usage** column is added in the **Search Results** section.
Rule Type (Used for Viewing)	The following changes are made to this screen: • The screen name is changed from **View Rule Type** to **Rule Type**. • The **Rule Type Information** zone is renamed to **Rule Type**. • Two new fields named **Rule Type Usage** and **Maximum Rule Count** are added in the **Main** section. • The **Sequence Number** column is renamed to **Sequence**. • The **Search Zone** column is added in the **Input and Output Parameters** section. It appears when the **Rule Type Usage** field in the rule type is set to **Auto Pay**. • The **Type** column appears in the **Input and Output Parameters** section when the **Rule Type Usage** field in the rule type is not set to **Auto Pay**. • The following two sections are newly added in the **Rule Type** zone: o Rule Criteria Characteristic Entities o Rule Criteria Derivation Algorithms
Rule Type (Used for Adding, Editing, and Copying)	The following changes are made to this screen: • Two new fields named **Rule Type Usage** and **Maximum Rule Count** are added in the **Main** section. • The **Sequence Number** column is renamed to **Sequence**. • The **Search Zone** column is added in the **Input and Output Parameters** section. It appears when the **Rule Type Usage** field in the rule type is set to **Auto Pay**. • The **Type** column appears in the **Input and Output Parameters** section when the **Rule Type Usage** field in the rule type is not set to **Auto Pay**. • The following two sections are newly added in the **Rule Type** zone: o Rule Criteria Characteristic Entities o Rule Criteria Derivation Algorithms
Approve Price Assignment	The following changes are made to this screen: • The **Transaction ID** drop-down value in the **Search By** list is renamed to **Approval Transaction ID**. • The **Transaction ID** column in the **List of Price Assignments** zone is renamed to **Approval Transaction ID**.

Screen Name (in 2.6.0.1.0)	Changes
	• The **Submit Date** column in the **List of Price Assignments** zone is renamed to **Submitted On**. • The **View Changes** and **View Log** columns are removed from the **List of Price Assignments** zone. • The **Accept Changes** button in the **List of Price Assignments** zone is renamed to **Approve**. • Two new zones named **Comparison: New Versus Existing** and **Approval Transaction Log** are added in this screen.
Resolve Price Assignment	The following changes are made to this screen: • The **Transaction ID** drop-down value in the **Search By** list is renamed to **Approval Transaction ID**. • The **Account ID** column is removed from the **Search Results** section. Instead, the **Account Information** column is added in the **Search Results** section. • The **Transaction ID** column in the **List of Price Assignments** zone is renamed to **Approval Transaction ID**. • The **Reject Date** column in the **List of Price Assignments** zone is renamed to **Rejected On**. • The **Reject Comment** column in the **List of Price Assignments** zone is renamed to **Rejection Comments**. • The **View Log** column in the **List of Price Assignments** zone is renamed to **View**.
Modify Price Assignment	The following changes are made to this screen: • The **Transaction ID** drop-down value in the **Search By** list is renamed to **Approval Transaction ID**. • The **Account ID** column is removed from the **Search Results** section. Instead, the **Account Information** column is added in the **Search Results** section. • The **Transaction ID** column in the **List of Price Assignments** zone is renamed to **Approval Transaction ID**. • The **Submit Date** column in the **List of Price Assignments** zone is renamed to **Submitted On**. • The **View Log** column in the **List of Price Assignments** zone is renamed to **View**.
Approval Workflow Group	The following changes are made to this screen: • The **Code** field is renamed to **Approval Workflow Group**. • The **Approval Post Processing** field is renamed to **Approval Post Processing Algorithm**. • The **Info Algorithm** field is renamed to **Information Algorithm**. • The **Compare Map Code** field is renamed to **Compare Map**.

Screen Name (in 2.6.0.1.0)	Changes
	• The **Input Script Code** field is renamed to **Input Script**.
Approval Workflow Chain	The following changes are made to this screen: • The **Code** field is renamed to **Approval Workflow Chain**.
Approval Workflow Criterion Type (formerly known as Approval Workflow Criteria Type)	The following changes are made to this screen: • The **Code** field is renamed to **Approval Workflow Criterion Type**. • The **Criteria Type Flag** field is renamed to **Derived From**.
Approval Workflow Group Chain Linkage	The following changes are made to this screen: • The **Field Approval Rule** field is added in this screen. • The **Approval Workflow Criteria** section is renamed to **Group Chain Linkage Criteria**. • The **Sequence** and **Logical Operator** columns are removed from the **Group Chain Linkage Criteria** section. • The **Group Chain Linkage ID** column is added in the **Group Chain Linkage Criteria** section. • The **Field Approval Rule Criteria** section is added in this screen. It appears only when you select the **Yes** option from the **Field Approval Rule** list.
Approval Workflow Reason	The following changes are made to this screen: • The **Code** field is renamed to **Approval Workflow Reason**. • The **Category** field is renamed to **Reason Category**.
Approval Workflow Settings	The following changes are made to this screen: • The **Approval Reason Required** field is added in this screen.
Comparison: New versus Existing (formerly known as Comparison UI for Maker Checker)	The following changes are made to this screen: • The **Task** field is renamed to **Action**. • The **Entity Info** field is renamed to **Entity Information**. • The **Approval Transaction Information** field is added in this screen.
Account	The following changes are made to this screen: • The **Rule Based Auto Pay** check box is added in the **Auto Pay** tab. • The **Closing Date** field is added in the **Main** tab.
Auto Payment Clearing Staging	The following changes are made to this screen: • The **Search By** field is added in the **Search** zone. The search criteria and search results vary depending on whether you select the **Auto Payment** or **Adjustment** option from the **Search By** list.

Screen Name (in 2.6.0.1.0)	Changes
Accrual (Used for Adding)	The following changes are made to this screen: • The **Sequence** column is removed from the **Accrual Details** section.
Accrual (Used for Viewing)	The following changes are made to this screen: • The **Currency** field is removed from the **Main** section of the **Accrual** zone.
Accrual Type (Used for Adding, Editing)	The following changes are made to this screen: • The **Approval Required**, **Approval Profile**, **Hierarchical Approval**, **Submitter To Do Role**, **Submitter To Do Type** fields are added in this screen.
Bill	The following changes are made to this screen: • The **Freeze** button is removed from the **Bill Segments** tab.
Bill Segment	The following changes are made to this screen: • The **Generate** button is disabled in the **Main** tab when the bill segment belongs to a bill which is created for an invoice account.
Membership Information	The following changes are made to this screen: • The **Paid Through Date** field is added in the **Main** section of the **Membership** zone. It appears only when the paid through date is calculated.
Policy Information	The following changes are made to this screen: • The **Paid Through Date** field is added in the **Main** section of the **Policy** zone. It appears only when the paid through date is calculated.

Database Level Changes

To view the list of objects (such as tables, columns, algorithm types, business objects, and so on) that are newly added in Oracle Revenue Management and Billing Version 2.6.0.1.0, refer to the Appendix A : New Objects in the Oracle Revenue Management and Billing V2.6.0.1.0 Database section in *Oracle Revenue Management and Billing Database Administrator's Guide*.

Supported Platforms

The following table lists the operating system and application server combinations on which Oracle Revenue Management and Billing Version 2.6.0.1.0 is supported:

Operating System and Web Browser (Client)	Operating System (Server)	Chipset	Application Server	Database Server
Windows 7, 8.1, 10 (64-bit) with Internet Explorer 11.x	AIX 7.2 TL0 (64-bit)	POWER 64-bit	WebLogic 12.2.1.x (64-bit)	Oracle Database Server 12.1.0.2 Oracle Database Server 12.2.0.1
	Oracle Linux 6.5+ and 7.x (64-bit)	x86_64	WebLogic 12.2.1.x (64-bit)	Oracle Database Server 12.1.0.2 Oracle Database Server 12.2.0.1
	Red Hat Enterprise Linux[1] 6.5+ and 7.x (64-bit)	x86_64	WebLogic 12.2.1.x (64-bit)	Oracle Database Server 12.1.0.2 Oracle Database Server 12.2.0.1
	Windows Server 2012 R2 (64-bit)	x86_64	WebLogic 12.2.1.x (64-bit)	Oracle Database Server 12.1.0.2 Oracle Database Server 12.2.0.1

Note: We strongly recommend you to install Oracle Revenue Management and Billing (ORMB) on Windows platform only for non-production activities, such as User Acceptance Testing (UAT), development setup, and so on.

[1] Oracle Revenue Management and Billing is tested and certified on Oracle Linux 6.5+ and 7.x. Oracle Linux is 100% userspace-compatible with Red Hat Enterprise Linux, and therefore Oracle Revenue Management and Billing is supported on Red Hat Enterprise Linux.

Technical Recommendations

To improve the overall batch performance on Windows and Linux platforms, we recommend you to make changes in the following files:

File Name	Change From	Change To
hibernate.properties	hibernate.c3p0.timeout = 300	hibernate.c3p0.timeout = 600
threadpoolworker.sh	MEM_ARGS="-Xms512m -Xmx1024m -XX:MaxPermSize=768m"	MEM_ARGS="-Xms512m -Xmx4096m -XX:MaxPermSize=768m"

Supported Upgrades

At present, we support upgrade from Oracle Revenue Management and Billing Version 2.6.0.0.0 to 2.6.0.1.0. For more information on how to upgrade, refer to the following documents which are available on OTN:

- *Oracle Revenue Management and Billing Version 2.6.0.1.0 Upgrade Guide*
- *Oracle Revenue Management and Billing Version 2.6.0.1.0 Upgrade Path Guide*

For upgrading from any other version of Oracle Revenue Management and Billing other than 2.6.0.0.0, consult with Oracle Support, Oracle Partner, or Oracle Consulting that may be supporting your implementation and upgrade process.

Deprecation Notices for ORMB Version 2.6.0.1.0

This section describes items that are deprecated in this release and planned for deprecation in a future release of Oracle Revenue Management and Billing. It contains the following topics:

- Deprecated Functionality in This Release
- Deprecation Planned for Future Releases

Deprecated Functionality in This Release

Until now, Oracle Revenue Management and Billing provided an out of box sample interface with ODI that maps the flat file containing transaction details in the CSV format to various tables (such as, CI_TXN_DETAIL_STG, CI_TXN_HEADER, CI_TXN_REC_TYPE and CI_TXN_SOURCE) in the database. The ODI package is deprecated from this release onwards. Henceforth, we recommend you to use the File Upload Interface feature in Oracle Revenue Management and Billing to upload the transactions for the Transaction Feed Management module.

Deprecation Planned for Future Releases

The following features are scheduled to be removed in a future release of Oracle Revenue Management and Billing:

- **TOU (Variance Parameter) Based Pricing** – We strongly recommend you to use the multi parameter based pricing feature instead of the TOU based pricing feature.
- **Billable Charge Creation Using UOM** – At present, there is one-to-one relationship between UOM and price item. Therefore, you are able to create a billable charge using either UOM or price item. In a future release, the system will not allow you to search price item pricing using UOM. Therefore, we strongly recommend you to create pass through or service quantity based billable charges using price item.
- **Legacy mechanism to upload pass through billable charges using the BCU1 and BCU2 batches** - We have introduced the On Demand **Billing feature which allows you to upload both pass through and rate based billable char**ges. We strongly recommend you to start using the On Demand Billing feature for uploading pass through and rate based billable charges.
- **XAI Inbound Services** - This has already been superseded by the Inbound Web Services functionality. For more information on migrating from XAI to IWS, please refer to *Migrating from XAI to IWS Oracle Utilities Application Framework* (Doc ID 1644914.1) on My Oracle Support.

The following table lists the objects which will be deprecated in the next release of Oracle Revenue Management and Billing:

Object Type	Object Name
Algorithm Type	C1_CURALG, C1-MDOV-BILL, C1-MDOV-BSEG, C1-MDOV-ONSA, SA_DERV_POPC
Feature Configuration	C1_EX_ROUND
Option Types	Currency Conversion Algorithm and Payment Distribution To-Do (from the **C1_MLTCURACC** feature configuration)
Table Columns	BILL_RTE_TYPE_CD, RECEIVE_COPY_SW, BILL_FORMAT_FLG, NBR_BILL_COPIES, CUST_PO_ID, NOTIFY_SW, and BILL_ADDR_SRCE_FLG columns from the CI_ACCT_PER table SEQ_NUM column from the CI_CONSTRUCT_LOG table (Instead, the SEQNO column will be added in the CI_CONSTRUCT_LOG table.) ADJ_TYPE_CD, DRR_STATUS_FLG, and BO_OBJ_CD columns from the CI_REV_REC_SCH table
Batch Control	GLASSIGN
View	CI_EFF_ACCT_PRICING_VW, CI_EFF_PER_PRICING_VW
Business Service	C1-EffectivePricing, C1_PriceParmBS **Note:** Instead of using the **C1-EffectivePricing** business service, use the **C1-GetEffectivePricing** business service to view the data on the **Pricing (Account)** and **Pricing (Person)** screens. Similarly, instead of using the **C1_PriceParmBS** business service, use the **C1_PRICE_PARM** business object to add, edit, copy, and delete a parameter.
Service Program	EFFPRCSERVICE, C1_PRICEPARM
Screen	Banking Control Central, View Account Contracts Information, View Account Financial Transaction History, Account Payment Summary, View Accounts of Person, Control Central

Therefore, henceforth, we strongly recommend you not to use these objects in any custom implementation.

Product Documentation

User manuals and other technical documents are available in the Portable Document Format (PDF). You can download Oracle Revenue Management and Billing release specific documentation library (for example, Oracle Revenue Management and Billing Version 2.6.X.X.X Documentation Library) using the following URL:

http://www.oracle.com/technetwork/indexes/documentation/fsgbu-1364781.html

ORMB V2.6.0.1.0 Patches

Oracle Financial Services Revenue Management and Billing Version 2.6.0.1.0 and Oracle Insurance Revenue Management and Billing Version 2.6.0.1.0 patches are available for the following platforms:

- Microsoft Windows (64-bit)
- IBM AIX on POWER Systems (64-bit)
- Red Hat Enterprise Linux or Oracle Linux (64-bit)

Each patch includes multiple zip files. You can download the following patches from My Oracle Support:

- **RMB V2.6.0.1.0 - Banking -** You can use this patch for all three platforms. This patch contains the following zip files:
    - RMB-V2.6.0.1.0-MultiPlatform
    - RMB-V26010-FW-PREREQ-MultiPlatform
    - RMB-V2.6.0.1.0-Oracle-Database-MultiPlatform
- **RMB V2.6.0.1.0 - Insurance -** You can use this patch for all three platforms. This patch contains the following zip files:
    - RMB-V2.6.0.1.0-MultiPlatform
    - RMB-V26010-FW-PREREQ-MultiPlatform
    - RMB-V2.6.0.1.0-Oracle-Database-MultiPlatform

To download the patch:

1. Login to My Oracle Support. The **My Oracle Support** page appears.
2. Click the **Patches & Updates** tab. The **Patches and Updates** tab appears.
3. In the **Patch Search** section, click the **Search** tab. The **Search** tab appears.
4. Click the **Product or Family (Advanced)** link.
5. Enter **Oracle Financial Services Revenue Management and Billing** in the **Product is** field.
6. Select the **Oracle Financial Services Revenue Management and Billing 2.6.0.1.0** option from the **Release is** list.
7. Click **Search**. The **Patch Search** page appears. It contains a list of patches which are available for the selected product release.
8. Click the **Patch Name** link corresponding to the patch that you want to download. The patch details appear in the right pane of the **Patch Search** page.
9. Click **Download**. The **File Download** dialog box appears.
10. Click the **Save** icon corresponding to the zip file name link. A message appears confirming whether you want to open or save the zip file.
11. Select the **Save as** option from the **Save** drop-down list. The **Save As** dialog box appears.
12. Browse to the location where you want to download the patch and then click **Save**. The patch is downloaded on your local machine.

Bug Fixes

The following table lists the bugs that are fixed in this release:

Bug Number	Copy of (Base Bug)	Description
27100444	*27013663*	BILL(TRIAL /NON-TRIAL) LOGS DELETION ISSUE IN BILLOPEN AND POSTPROC
27060059	*26931434*	ACCESS CONTROL ISSUE IN APPROVAL WORKFLOW SCREENS
27059526	*26896508*	"ADDRESS ID FIELD MISSING" WHEN UPDATING BILL ROUTING USING DTO"
27058964	*26537648*	PERFORMANCE ISSUE IN FUNDING REQUEST UI
27058927	*26862229*	ENQ: TX - ALLOCATE ITL ENTRY ON ORMB INDEX XT033S3
27036080	*26647256*	INVALID ADHOC VALUE ON THE CHARACTERISTICS- PATCH 26647256
27035969	*26436391*	ERROR IN EXECUTING C1-TXNVP BATCH AND ACCUMULATION GROUP ADD USING BO
27034450	*26805281*	PAYMENT CANCELLATION PERFORMANCE ISSUE
26959842	*26906245*	RECORDS TO BE PROCESSED REMAINS UNPROCESSED IN BILLOPEN/POSTPROC BATCH
26930704	*26587778*	UNIQUE CONSTRAINT ERROR WHEN RUNNING C1-TXNEX
26898595	*22642343*	THE USER PREFERENCES LABEL IS NOT GETTING HIGHLIGHTED IN MANAGE PRODUCTS UI
26789530	-	ACCRUAL ADJUSTMENTS LINK TO THE ACCRUALS IS MISSING IN ORMB VERSION 2.6
26779418	*26681968*	POST PROCESSING BILL SEGMENT ARE NOT GETTING INCLUDED VIA BATCH RUN
26772300	*26484579*	TO_DO GENERATION AND PARAMETER FT-TYPE ADDITION FOR BATCH C1-GLASN
26666154	*26664556*	UNABLE TO GENERATE BILL USING BILL API ON ACCOUNT WHEN CONTRACT TYPE HAS CONSTRU
26589442	*26382693*	C1-BLGEN POOR PERFORMANCE IN ORMB
26429517	*25760238*	APPROVAL WORKFLOW FOR RULE CHANGES
26418951	*25911146*	DUPLICATE PARAMETERS DISPLAY ON SEARCH PARAMETER UI FROM RULE CRITERIA
26405868	*26301304*	BILLING CREATES DUPLICATE BILLS FOR THE SAME BILL CYCLE
26405856	*26136552*	C1-BLGEN BATCH NOT WORKING FOR RECURRING BILLABLE CHARGE

Bug Number	Copy of (Base Bug)	Description
26393773	*26226622*	ERROR BILL SEGMENTS DON'T PERSIST IN DB ON BILL SEG GENERATION THROUGH BILLAPI
26393650	*25999167*	POST PROCESS BSEG GENERATION (C1-BLPPR) ISSUE WITH TRIAL BILLING
26392768	-	OVERDUE PROCESS ISSUES RELATED TO APPROVAL WORKFLOW AND DUPLICATE BILL ID
26392759	*26107750*	EXCHANGE RATE SEARCH BY DATE DISPLAYS OUT TO (DATE)RANGE RESULTS
26181296	*25773569*	WILD CARD SEARCH NOT WORKING ON PERSON NAME SEARCH
25577022	-	COBOL CODE MAX DATE LIMITATION

Known Issues

This section lists the known issues in Oracle Revenue Management and Billing Version 2.6.0.1.0 along with workarounds available to handle these issues. The known issues are grouped into the following categories:

- Banking
- Insurance
- Documentation

Banking

Issue	**SEARCH RESULT FOR EXCHANGE RATE NOT DISPLAYED CORRECTLY**
Description	Searching for the lowest precision rate (0.000000000000000001 /0.00000000000000011/0.00000000000000023) from the **Search Exchange Rate** zone results in displaying the rate in exponential format "IE -18".
Workaround	None

Issue	**VALIDATION RULES FOR ADHOC CHARACTERISTIC TYPES ARE NOT TRIGGERED IN THE MANAGE PRODUCTS, MANAGE PRICE LISTS, ADD PRODUCT PRICING, OVERRIDE PRODUCT PRICING, AND EDIT ASSIGNED PRICING SCREENS**
Description	When you associate adhoc characteristic types with a product, price list, and a price assignment, validations defined for adhoc characteristic types are not triggered in the **Manage Products**, **Manage Price Lists**, **Add Product Pricing**, **Override Product Pricing**, and the **Edit Assigned Pricing** screens.
Workaround	None

Issue	**UNABLE TO CHANGE THE DIVISION STATUS FROM ACTIVE TO RETIRED**
Description	When the approval workflow functionality is enabled, the status of a division will not get changed from **Active** to **Retired**.
Workaround	None

Issue	**LOCALIZATION ISSUE WHEN MAKER AND CHECKER CHOOSE DIFFERENT LANGUAGES**
Description	When a maker and checker operate in different languages, a maker cannot see the approved transactions.
Workaround	Maker should login with a language that checker is using to see the approved transactions.

Issue	**PRE-VALIDATION ERROR MSG FOR INVOICING GROUP EVEN IF PRE-VALIDATION IS OFF**
Description	If you set the **Pre-validation** flag for both the groups (that is, **C1IGADD** and **C1IGUPD**) to **N**, the validation will still be triggered before the approval workflow request is created.
Workaround	None

Issue	**FOREIGN KEY AND FILE LOCATION CHARACTERISTIC TYPE NOT SUPPORTED IN UI MAPS**
Description	The screens created using the UI map do not support the **Foreign Key Value** and **File Location Value** characteristic types. These screens only support the **Adhoc Value** and **Predefined Value** characteristic types.
Workaround	None

Issue	**MESSAGE DOES NOT APPEAR ON CLICKING BUTTONS IN LIST OF PRICE ASSIGNMENTS ZONE**
Description	On approving, rejecting, or canceling one or more price assignment requests (at once) from the **List of Price Assignments** zone, the appropriate message does not appear when you click the **Accept Changes**, **Return to Submitter**, or the **Revert to Original** button.
Workaround	None

Issue	**VIEW RULE TYPE SCREEN - PERFORMANCE ISSUE**
Description	If you define a transaction record type with the maximum accounts to be charged set to 5, maximum products to be mapped set to 10, and the maximum product parameters set to 15 and view the details of the rule type, you might experience delay in loading the **View Rule Type** screen.
Workaround	None

Issue	**C1-TXCNC BATCH GETS EXECUTED SUCCESSFULLY EVEN IF C1-TXNCU BATCH FAILS**
Description	When you execute the C1-TXNCU batch with either of the following parameters during the cancellation process, an error occurs: • Transaction Source • Division If you further execute the C1-TXCNC batch during the cancellation process, the status of all transactions in the feed is changed to Cancelled (CNCL). But, in this case, the SQIs on the billable charges are not accurate.
Workaround	None

Issue	**ERRONEOUS RESULTS WHEN BILLABLE CHARGES ARE VOLUMINOUS & SESSION TIMEOUT IS LOW**
Description	While billing, you may notice erroneous results when the default session timeout is low and the number of billable charges of an account are high.
Workaround	In such case, we recommend you to generate the bill through a batch process instead of generating the bill through the **Bill** screen.

Issue	**CONDITIONAL APPROVAL WORKFLOW CANNOT BE USED WHILE COPYING A PRICE LIST**
Description	The system allows you to define conditional approval workflow for business objects. However, at present the conditional approval workflow cannot be used while copying a price list.
Workaround	None

Issue	**BILLS GENERATED FOR THE MEMBER ACCOUNT AND NOT FOR THE MASTER ACCOUNT**
Description	If you add a contract to a member account after the account is added to the master account, the system will not duplicate the newly added contract at the master level. Therefore, in such scenarios, billable charges related to the newly added contract will be billed to the member account and not to the master account.
Workaround	You need to ensure that no new contracts are added to the member account after the account is added to the master account.

Issue	**TRANSACTIONS WITH SAME TRANSACTION ID CAN BE PROCESSED ON TWO DIFFERENT DATES**
Description	Now, due to table partitioning, the system can process transactions with the same transaction ID on two different processing dates. If your data upload interface doesn't generate unique transaction IDs, this might result in erroneous results at a later stage.
Workaround	To avoid any such erroneous results, we recommend you to use the unique transaction ID generation sequence named RMB_CI_TXN_DETAIL_SEQ shipped with ORMB.

Issue	**SEARCH RESULT DISPLAYS TRANSACTION LEGS ON SEARCHING INPD & COMP TRANSACTIONS**
Description	In the **Transaction Details** screen, when you search for the **INPD** transactions, the **Search Results** section should display transactions which are in the **INPD** status. However, at present, all legs of the **INPD** transactions are displayed in the **Search Results** section. Similarly, when you search for the **COMP** transactions, the **Search Results** section should display transactions which are in the **COMP** status. However, at present, all legs of the **COMP** transactions are displayed in the **Search Results** section.
Workaround	None

Issue	**MULTIPLE POST PROCESSING BILL SEGMENTS CREATED ON A BILL HAVE SAME CONTRACT ID**
Description	There might be situations when two or more post processing bill segments are generated on a bill and each post processing bill segment is created for a different contract. In such case, the contract ID stamped on the post processing bill segments must be different. However, at present, the system stamps the same contract ID in all post processing bill segments on the bill.
Workaround	None

Issue	**INCORRECT RESULTS IF DISAGGREGATION BATCHES NOT EXECUTED IN SEQUENCE**
Description	During the transaction disaggregation process, you must execute the following batches in the specified order: 1. Identify Affected Transactions (C1-IAENT) 2. Process Non Aggregated Transactions (C1-PDTXN) 3. Clean Up (C1-TXNCU) 4. Update Disaggregation Request Status (C1-DARSU) Otherwise, erroneous results might occur.
Workaround	None

Issue	**PERFORMANCE ISSUE WHILE EXECUTING THE C1-DARSU BATCH WHEN REQUEST_TYPE_FLG=PERS**
Description	The system takes long time to change the disaggregation request status when the disaggregation request is created for a person.
Workaround	None

Issue	**AGGREGATION DOESN'T WORK IF DISAGG, ROLLBACK, & CANCELLATION EXECUTED IN BETWEEN**
Description	If you execute the disaggregation, cancellation, and rollback process in between the aggregation process, the system will not allow you start the aggregation process once again.
Workaround	None

Issue	**POST PROCESSING SEGMENT NOT GENERATED IF THE PP MAX VALUE IS SET TO ZERO (0)**
Description	If the maximum value is set to zero (0) while defining pricing for a product have price assignment type as post processing, the system does not generate the post processing segments for such products.
Workaround	None

Issue	**TWO CONCURRENT RUNS WHICH DERIVE SAME DIVISION FOR TRANSACTIONS DOES NOT WORK**
Description	If you execute a batch concurrently with two different divisions (for example, D1 and D2), the erroneous results might occur when transactions in both the runs derive the same division, account, and/or product combination.
Workaround	None

Issue	**ERROR OCCURS WHEN YOU DISPLAY BILL FOR A PRODUCT THAT BELONGS TWO RELATIONSHIPS**
Description	If a product is added to two or more product to product relationships using the relationship type as Service, the system error occurs when you display bill for the product using Documaker. For example, if P3 is added in the P1 and P2 product relationship using the relationship type as Service, an error occurs when you display bill for P3 using Documaker.
Workaround	None

Issue	**ERROR OCCURS IN CASE OF AN IGA SCENARIO WHILE EXECUTING THE C1-PNDBL BATCH**
Description	There might be situations when you add an account to an invoicing group after a bill is generated for the account using the new billing batches (i.e. C1-PNDBL, C1-BSGEN, and C1-BLPPR). In such scenario, an error occurs when you execute the C1-PNDBL batch once again to bill charges of the member account on the master account. Similarly, an error occurs when you generate the bill for the account which was earlier billed through the master account using these billing batches.
Workaround	None

Issue	**ACTIVE CONSTRUCTS DETERMINED ON CUT-OFF DATE INSTEAD OF CHARGES START & END DATE**
Description	The system determines the active construct based on the cut-off date and bills the usage accounts' charges through an invoice account which is defined in the active construct. It does not determine the active construct based on the billable charge's start and end dates.
Workaround	None

Issue	**BILL SEGMENTS CREATED BUT FTS NOT CREATED WHEN ACCOUNTING CALENDAR NOT DEFINED**
Description	There might be situations when you generate bill segments for a pending bill which is created for a bill cycle whose accounting date either falls within the closed accounting calendar or does not fall within any accounting calendar. In such scenarios, the bill segments are generated, but the financial transactions are not created for the bill segments. An error occurs when you view such bills, whose financial transactions are not created, through the **Bill** screen.
Workaround	None

Issue	**UNABLE TO DEFINE ACCOUNT CATEGORY WHEN ACCOUNT IS CREATED USING PERSON SCREEN**
Description	The system allows you to create an account for a person by selecting the **Add Account and Start Service** check box in the **Person** screen. In such case, you cannot define category for the account because the **Account Category** field in the **Account** screen is disabled.
Workaround	None

Issue	**STATUS OF ALL LEGS CHANGED TO ERROR IF EXCHANGE RATE NOT AVAILABLE FOR ONE LEG**
Description	If a transaction has multiple legs and the system could not find exchange rate for one of the leg while executing the C1-TXNSQ batch, the status of the transaction and all its transaction legs is changed to **Error**.
Workaround	None

Issue	**INCORRECT RESULTS APPEAR WHEN UNDERSCORE CHARACTER IS USED IN SEARCH CRITERIA**
Description	If you use the underscore (_) character in the search criteria, the system does not search strings with the underscore character. Instead, the system interprets the underscore (_) character as a wildcard character.
Workaround	None

Issue	**MULTIPLE ISSUES ON SCREENS AND ZONES WHERE PAGINATION IS USED**
Description	There are various issues on the screens and zones where pagination is used. For example, the buttons and icons do not appear in the F1-DE-MULQRY zones, paging keys are trimmed, and so on.
Workaround	To resolve these pagination related issues, you need to apply framework single fixes which are available for the following bugs: • 20302717 - PAGINATION PANEL SHOWING INCORRECT VALUE FOR TOTAL PAGES AND CUSTOM ICONS DO NOT • 20261532 - PAGINATION PANEL IS BEING DISPLAYED ON ORASEARCH OPERATION • 20113520 - BUTTON AND ICON DOESN'T APPEAR FOR PAGINATION IN F1-DE-MULQRY ZONES • 19941127 - PAGINATION FEATURE NOT WORKING FOR SUBQUERIES USED IN ZONE SQL • 19163528 - PAGINATION : PAGING KEY GETS TRIMMED AND RETURNS NO RESULTS • 18965501 - PAGINATION : ALL THE PAGES DISPLAY SAME SET RECORDS WHEN EQUAL OPERATOR IS USED • 18953690 - PAGINATION: ROW SERIAL NUMBERS RESET WHEN WE SORT COLUMN, AFTER "NEXT" CLICK • 18887503 - PAGINATION DOCUMENTATION NEEDS MORE DETAIL • 18639253 - PAGINATION - MISSING ICON, PAGE LABEL AND PAGE SIZE • 18491431 - DATA EXPLORER PAGINATION IS NOT CONSIDERING THE SQL COUNT LIMIT ZONE PARAMETER • 18399979 - PAGINATION - CRASHING IF PAGING COLUMN IS NOT DISPLAYED • 18399934 - PAGINATION - NOT WORKING FOR DESCENDING SORT • 20864137 - PAGINATION DOES NOT WORK PROPERLY WHEN PORTAL HAS MULTIPLE BROADCAST ZONES

Issue	**CONTRACT TYPE IS HARDCODED IN PAYMENTS ZONE OF REMITTANCE SUMMARY SCREEN**
Description	The **Payments** zone in the **Remittance Summary** screen should lists the overpayments which are made against the contract types listed in the **C1_CMO** feature configuration. However, at present, the EXCSCRED contract type is hardcoded in the **Payments** zone. Therefore, irrespective of the contract types defined in the **C1_CMO** feature configuration, the system lists only those overpayments which are made against the contracts of the EXCSCRED contract type.
Workaround	None

Issue	**PAYMENT AMOUNT IS INCORRECT WHEN PAYMENTS HAVE FROZEN & OVERPAYMENT PAY SEGMENTS**
Description	If the payments have both frozen and overpayment pay segments, the payment amount displayed corresponding to the overpayment and frozen payment in the **Payments** zone of the **Remittance Summary** screen is incorrect. The system displays the total payment amount instead of displaying the overpayment and frozen pay segment amount.
Workaround	None

Issue	**ERROR OCCURS WHEN BIND VARIABLES USED IN IN AND NOT IN CLAUSES WITHOUT BRACKETS**
Description	If a template is used in a construct for selecting usage accounts, billable charges, or adjustments where bind variables are used in the IN and NOT IN clauses without brackets, an error occurs when you bill an account through such construct.
Workaround	We recommend you to use bind variables within brackets in the IN and NOT IN clauses while defining a template.

Issue	**C1-ADUP1 BATCH DOES NOT SUPPORT MULTI-CURRENCY ACCOUNTS FEATURE**
Description	An error occurs while executing the C1-ADUP1 batch when the adjustment currency is different from the account's invoice currency. This is because, at present, the C1-ADUP1 batch does not support the Multi-Currency Accounts feature.
Workaround	None

Issue	**ABLE TO CREATE BILLABLE CHARGES FOR AN INVOICE ACCOUNT**
Description	Ideally, the system should not allow you to create billable charges for an invoice account. At present, there is no restriction, and therefore you can create billable charges for an invoice account which are billed through the invoice account.
Workaround	None

Issue	**PARTIAL DATA UPLOADED WHEN USAGE RECORD HAS MORE THAN FIVE PASS THROUGH CHARGES**
Description	If you upload a usage record which has more than five pass through charges (for example, Bill Line 1, Bill Line 2, …., Bill Line 8), at present, the system uploads the details of only five pass through charges (i.e. till Bill Line 5). The details of Bill Line 6, Bill Line 7, …., and Bill Line 8 are not uploaded.
Workaround	None

Issue	**LENGTH OF UDF_CHAR_X IS 50 IN THE TFM ODI PACKAGE AND 60 IN THE DATABASE**
Description	In the ORMB database, the maximum size of the UDF_CHAR_1, UDF_CHAR_2, …., UDF_CHAR_50 columns is set to 60 characters. However, while uploading the transaction data via ODI, you can specify maximum 50 and not 60 characters in the CSV file.
Workaround	None

Issue	**UNABLE TO VIEW THE XAI UPLOAD STAGING DETAILS IN THE XAI DYNAMIC UPLOAD SCREEN**
Description	When you search and select an XAI upload staging record in the **XAI Upload Search** window, the details of the XAI upload staging record do not appear in the **XAI Dynamic Upload** screen. Instead, the home page appears.
Workaround	None

Issue	**ERROR OCCURS ON CLICKING SHOW CONTEXT MENU CORRESPONDING TO DOWNLOAD STAGING ID**
Description	An error (indicating invalid menu entry) occurs when you click the **Show Context Menu** icon corresponding to the **Download Staging ID** field in the **XAI Download Staging** screen.
Workaround	None

Issue	**GRAPH DOES NOT APPEAR IN THE MULTI-CANCEL/REBILL SCREEN**
Description	At times, the graph does not appear in the **Multi-Cancel/Rebill** screen when you access the application using Internet Explorer.
Workaround	None

Issue	**ADJUSTMENT CREATED WHEN CONTRACT ID IS VALID, BUT ACCOUNT IDENTIFIER IS INVALID**
Description	If you upload an adjustment data file with a record where the contract ID is valid, but the account ID or account identifier is invalid, the system creates the adjustment against the contract. Ideally, the system should not create the adjustment until and unless the contract ID, account ID, account identifier type, and account identifier are valid.
Workaround	None

Issue	**ABLE TO GENERATE A BILL FOR A SETTLEMENT ACCOUNT FROM THE BILL SCREEN**
Description	Ideally, the system should not allow you to generate a bill for a settlement account. However, at present, you can generate a bill for a settlement account from the **Bill** screen.
Workaround	None

Issue	**ADJUSTMENT CREATED AGAINST PREVIOUS BILL IS NOT CONSIDERED DURING TRIAL BILLING**
Description	If you create an adjustment against the previous completed bill, the adjustment is not presented on the next bill during trial billing. This open item accounting feature is not supported during trial billing.
Workaround	None

Issue	**POST PROCESSING BILL SEG AMT PRORATED IF BILLABLE CHARGE PERIOD EXCEEDS 2 YEARS**
Description	If a billable charge period is 2 years or above and post processing bill segment is generated based on the billable charge, the post processing bill segment amount is prorated during bill generation.
Workaround	None

Issue	**REOPEN BUTTON DISABLED WHEN C1-BILLSETT ALGORITHM ATTACHED ON CUSTOMER CLASS**
Description	If you attach an algorithm of the C1-BILLSETT algorithm type on the **Bill Completion** system event of the account's customer class, at present, you will not be able to reopen a bill.
Workaround	None

Issue	**TRANSFER ADJUSTMENT TYPE PROPERTY SUPERSEDE ORIGINAL ADJUSTMENT TYPE PROPERTY**
Description	If you create an adjustment on a usage account and bill it through an invoice account, the transfer adjustment is created on the invoice account. While creating a transfer adjustment, the system uses the open item accounting properties, such as Impact Next Bill Balance, defined on the transfer adjustment type. It does not uses the open item accounting properties defined on the original adjustment type.
Workaround	None

Issue	**THE PAYMENT REQUEST SCREEN DOES NOT SUPPORT MULTIPLE TENDERS**
Description	At present, the system does not support multiple tenders when you create a payment from the **Payment Request** screen.
Workaround	None

Issue	**ADJ NOT BILLED ON INVOICE ACCOUNT IF TRANSFER ADJ TYPE NOT ADDED IN ADJ PROFILE**
Description	If the adjustment must be billed through an invoice account and the transfer adjustment type is not added in the adjustment profile which is attached to the contract type, the system does not creates the transfer adjustment on the invoice account. Instead, the system bills the adjustment on the usage account.
Workaround	None

Issue	**INCORRECT EXCHANGE RATE USED WHILE CREATING TRANSFER ADJUSTMENT ON INVOICE A/C**
Description	If the adjustment currency is different from the invoice account's currency, the system creates the transfer adjustment on the invoice account. However, at present, the exchange rate used during currency conversion is not picked up correctly.
Workaround	None

Issue	**PRICELIST ASSIGNMENT IN REJECTED STATUS APPEARS IN ASSIGNED PRICE LISTS ZONE**
Description	On rejecting a proposed price list assignment, the rejected price list assignment must not appear in the **Assigned Price Lists** zone of the **Price List Assignment (Account)** or **Price List Assignment (Person)** screen. However, at present, the rejected price list assignment appears in the **Assigned Price Lists** zone.
Workaround	None

Issue	**MULTIPLE PARENTS WITH SAME PERSON-PERSON RELATIONSHIP TYPE SHOULD NOT BE ALLOWED**
Description	At present, the system allows you to define multiple parents with the same relationship type for an overlapping date range. This can lead to erroneous results while searching for effective pricing at the parent customer level.
Workaround	We recommend you to define multiple parents with the same relationship type for a different date range.

Issue	**UNABLE TO SAVE MULTIPLE CHARACTERISTICS FOR A PRICE ASSIGNMENT**
Description	While defining characteristics for a price assignment, you can specify multiple characteristics in the screen, but only one characteristic is saved in the application.
Workaround	None

Issue	**UNABLE TO SCROLL LEFT TO VIEW TABS ON THE LEFT IN THE DIVISION SCREEN**
Description	The **Scroll Left** icon is not available in the **Division** screen. Therefore, you will not be able to scroll left if you are on the extreme right tab in the screen.
Workaround	None

Issue	**POP-UP WINDOW NOT DISPLAYED PROPERLY WHEN YOU MOUSE OVER DETAILED DESCRIPTION**
Description	In the **Batch Control** screen, a pop-up window appears when you move the mouse over the **Detailed Description** field. At present, the data is not properly displayed in the pop-up window.
Workaround	None

Issue	**QUERY ZONE - HORIZONTAL SCROLL BAR SCROLLS THE SEARCH CRITERIA FIELDS**
Description	The Query zone allows you to search for an object. At present, whenever you search in the Query zone and use the Horizontal Scroll Bar, the search criteria fields are also scrolled to the left along with the search results.
Workaround	None

Issue	**ICONS AND LINKS ARE SCROLLED TO THE LEFT ON SCROLLING HORIZONTALLY IN THE ZONE**
Description	When you scroll the data in the zone to the left using the Horizontal Scroll Bar, the icons (such as Filters, Explorer Zone Menu) and links (such as Add, Edit) that appear in the upper right corner of zone are also scrolled to the left.
Workaround	None

Issue	**PERFORMANCE ISSUE ON CHANGING THE SEARCH BY FILTER OPTION**
Description	If you change the filter option from the **Search By** list, the system takes long time to load the respective query zone. You may observe this issue in many screens where the multi-query zone is used.
Workaround	None

Issue	**EFFECTIVE PRICING NOT VISIBLE IF C1_PER_REL HAS INVALID PERSON RELATIONSHIP TYPE**
Description	If you set the **Check on Feature Configuration** parameter in an algorithm which is created using the **C1-CUSRLALGT** algorithm type to **A** and add an invalid person relationship type in the **C1_PER_REL** feature configuration, the effective pricing is not inherited properly as expected.
Workaround	None

Issue	**GRANDFATHERING NOT WORKING IN CASE OF GLOBAL AND DEFAULT PRICE LIST**
Description	When you define a product pricing in a global or default price list which is applicable only to the new customers, the product pricing is not used during the billing process. Instead, the incorrect product pricing is picked up during the billing process.
Workaround	None

Issue	**RECORDS IN THE ADJUSTMENT DATA FILE NOT UPLOADED IN THE SPECIFIED SEQUENCE**
Description	When you upload the records of an adjustment data file, the records are not uploaded in the sequence in which they are listed in the CSV file.
Workaround	None

Issue	**PAYMENT/TENDER SEARCH- COLUMN HEADERS INCORRECT WHEN SEARCH FILTER IS CHANGED**
Description	If you search using a particular filter option in the **Payment/Tender Search** screen, the search results are displayed accordingly. Then, if you change the search filter and criteria, the search results are displayed accordingly, but the column headers are not updated.
Workaround	None

Issue	**ERROR LOG FILES GENERATED ON EXECUTING BILLING AND C1-BLPPR BATCHES**
Description	In ORMB 2.6.0.1.0, the error log file is generated even when the following batches are executed successfully and bills are completed: • BILLING • C1-BLPPR
Workaround	None

Issue	**FIELD ALIGNMENT ISSUE ON BUSINESS OBJECT BASED GENERATED UI MAPS**
Description	You may observe that the algorithm description is not properly aligned corresponding to the **Algorithm** field in the following screens: • Upload Request Type • Upload Adjustment Data File
Workaround	None

Issue	**MANUAL DISTRIBUTION NOT WORKING IN THE PAYMENT SCREEN**
Description	On saving, the distributed amount is reset to zero when you manually distribute the tender amount among the unpaid bills in the **Payment** screen.
Workaround	None

Issue	**ERROR OCCURS ON EXECUTING BILLOPEN IF IN CLAUSE CONTAINS MULTIPLE BIND VARIABLES**
Description	If you have used template in a construct where IN clause has multiple bind variables, an error occurs while executing the **Construct Based - Pending Bill Generation (BILLOPEN)** batch.
Workaround	None

Issue	**ELIGIBLITY CRITERIA ROW IS SKIPPED IF LEFT HAND SIDE PARAMETER IS NOT SPECIFIED**
Description	If the left hand side parameter is not specified in an eligibility criteria row while defining or editing a price item pricing, the eligibility criteria row is skipped and not saved in the system.
Workaround	None

Issue	**POST-PROCESSING BILL SEGMENT NOT REGENERATED WHEN YOU CLICK THE GENERATE BUTTON**
Description	An error occurs when you click the **Generate** button in the **Bill Segment** screen while regenerating the post-processing bill segment which is present on the pending bill.
Workaround	None

Issue	**WRONG CURRENCY CONVERSION ALGORITHM IS USED WHILE EXECUTING THE C1-REPC2 BATCH**
Description	While executing the **C1-REPC2** batch, the system should use the currency conversion algorithm attached to the **Currency Conversion For Bill Segments** algorithm spot of the division. Instead, the system uses the currency conversion algorithm attached to the **Currency Conversion For Adjustments** algorithm spot of the division.
Workaround	None

Issue	**RATE CALCULATED INCORRECTLY WHEN EXCHANGE RATE IS CHANGED DURING PRICING PERIOD**
Description	At present, the rate is calculated and persisted using the exchange rate which is effective on the price item pricing effective start date. Therefore, the persisted rate shown on the **Pricing (Account)** screen might be incorrect when the exchange rate is different on the date when the results are fetched on the **Pricing (Account)** screen.
Workaround	None

Issue	**ENTRY NOT CREATED IN THE CI_REPRC_ENTITY_DTL TABLE ON EDITING A PRICE LIST**
Description	If you edit the details of a price list which is assigned to an account or a person, an entry is not created in the CI_REPRC_ENTITY_DTL table. In other words, the repricing is not triggered on editing the details of a price list which is already assigned to an account or a person.
Workaround	None

Issue	**UNABLE TO DEFINE PARAMETER FOR FIELDS WHICH BELONG TO CHILD TABLES**
Description	At present, the system does not list the fields of child tables in the **Source Type Code** field when you select the source entity as Account, Person, or Product while defining a parameter. Therefore, you cannot define a parameter for child table' fields and as a result, repricing is not triggered when you change the value of any child table' field. For example, when you change the main customer of an account, repricing is not triggered because the MAIN_CUST_SW field belongs to the child table named CI_ACCT_PER table for which you cannot define a parameter in the system.
Workaround	None

Issue	**RATE NOT PERSISTED ON PRICE ASSIGNMENT DATE WHEN C1-PRICEACCOUNT INVOKED MANUALLY**
Description	When you manually execute the C1-PriceAccount business service for an account, rate is calculated and persisted for the price item pricing available on the default and global price list on the date when the C1-PriceAccount business service is invoked. Ideally, the rate must be calculated and persisted on the price item pricing effective start date.
Workaround	None

Issue	**PERSISTED DATA NOT GETTING REFRESHED ON EDITING PRICE ASSIGNMENT**
Description	On editing a price item pricing, the rate is not properly recalculated and persisted when the details of a price component, such as rate, eligibility criteria, and so on are changed.
Workaround	None

Issue	**ADJUSTMENTS & BILL SEGMENTS CANCELLED WHEN WRITE OFF OR REFUND REQUEST PROCESSED**
Description	At present, you can cancel refund and write off adjustments and bill segments against which you have created refund or write off adjustments in the system. Ideally, when the refund and write off request is in the **Processed** status, the system should not allow you to cancel the respective refund and write off adjustments and bill segments against which you have created refund or write off adjustments.
Workaround	None

Issue	**CALENDAR (START DATE AND END DATE) POP-UP NOT ALIGNED PROPERLY**
Description	Calendar pop-up for start date and end date of Hold Request screen is displayed partially outside the screen.
Workaround	None

Issue	**PRICELIST EDIT VALIDATIONS NOT DEPENDENT ON ASSIGNMENT DATE OR ASSIGNMENT STATUS**
Description	Available and Eligible dates can be edited in Price List though Assignment Date or Assignment Status is added for price list.
Workaround	None

Issue	**STACKING IS NOT SUPPORTED FOR PRICE SIMULATION**
Description	Stacking is supported for bill generated through an Account. Pricing Simulation does not support stacking.
Workaround	None

Issue	**ADJUSTMENT AMOUNT IS NOT PICKED UP FOR PAYMENT IN NEXT BILL**
Description	When you generate an Adjustment after a successful payment, the Adjustment amount is not picked up in the next bill that is generated and hence, payment is not created for the adjustment amount.
Workaround	None.

Issue	**IF USAGE ACCOUNT IS NOT PART OF ANY INVOICE CONSTRUCT, BILL IS NOT GENERATED.**
Description	At present system does not allow user to generate a bill on usage account which is not part of any invoice construct. System should allow user to generate a bill on usage account which is not part of any invoice construct.
Workaround	None

Issue	**SPLIT AUTO PAY NOT AVAILABLE ON SETTLEMENT CONSTRUCT ACCOUNT CREATION SCREEN.**
Description	At present split auto pay is not supported on Settlement construct because Percentage field has to be added in Auto Pay Instructions section while creating a new account.
Workaround	None

Issue	**SQL ERROR ON PRICE ASSIGNMENT SCREEN WITH ADHOC VALUE PASSED IN QUOTES.**
Description	At present SQL error is displayed in Price Assignment screen for parameter when adhoc value is added in quotes. Price Assignment should be successful though value added is in single quotes.
Workaround	None

Issue	**BS ARE NOT GETTING PICKED FOR BATCH DATE AFTER BILLABLE CHARGE END DATE**
Description	At present, batch business date is later then billable charge date and C1_BILLGEN is not creating any BS, hence bill is not generated.
Workaround	None

Issue	**RSDETAILS UPDATED INCORRECTLY WHEN PRICE COMPONENT FEES/RATE) PERSISTENCE EDITED**
Description	At present RSDetails after modification is displayed and not the details before editing.
Workaround	None

Issue	**FEES RATE CALCULATION PRE-PROCESSING ALGORITHM ISSUE**
Description	Algorithm only considers the latest Service Quantity Identifier, it has to consider both Parameter and Service Quantity Identifier when calculating FEES and RATE.
Workaround	None

Issue	**C1-ACFEES BATCH RUN WITH PRICE ITEM CODE AS THE ONLY PARAMETER.**
Description	C1-ACFEES batch should consider records of price assignment where FEES for same should persist.
Workaround	None

Issue	**PRICE ASSIGNMENT TYPE - POST PROCESSING ISSUE IN FEES CALCULATION BATCH.**
Description	New value to be added in Price Assignment Type for post processing issue in FEES calculation batch.
Workaround	None

Issue	**C1-ACCOUNTFEES SERVICE ISSUE**
Description	At present FEES for price assignments are not persisted if any one price assignment eligibility rule results false and if no RATE found for same.
Workaround	None

Issue	**PAYMENT STATUS REMAINS INCOMPLETE AND NO PAYMENT SEGMENT IS GENERATED EVEN WHEN TENDER CONTROL ID IS GENERATED**
Description	For `On Extract Date', if one of the split auto payments goes in to error state, BALAPY batch generates Tender Control Id and Payment Status remains Incomplete and no Payment segment is generated.
Workaround	None

Issue	**CHANGES MADE TO ACCOUNT ARE NOT UPDATED WHEN APPROVAL WORKFLOW IS ACTIVE FOR ACC**
Description	At present columns are not properly aligned and changes are not updated when Approval Workflow is Active. Changes done to account should be updated when approval workflow is active.
Workaround	None

Issue	**INBOUND WEB SERVICE DOES NOT TRIM LEADING & TRAILING SPACES FROM INPUT PARAMETER**
Description	If you pass input parameters with leading and trailing spaces to an inbound web service, the inbound web service does not trim the leading and trailing spaces from the input parameters.
Workaround	None

Issue	**IF USER ADDED DEFER AUTO PAY DATE ON ACCOUNT THEN AUTO PAY WILL NOT WORK**
Description	If you manually add the date in the **Defer Auto Pay Date** field, the automatic payment functionality will not work for the account.
Workaround	None

Issue	**TOTAL OVERDUE AMOUNT IN ACCOUNT & PERSON DETAILS SECTIONS SHOW INCORRECT VALUE**
Description	If you manually include a bill in more than one active overdue process through the user interface, the amount shown in the **Total Overdue Amount** field is incorrect when you search for an overdue process using the Person or Account details in the **Delinquency Central** screen.
Workaround	None

Issue	**SEASONAL ADDRESS ID DOES NOT APPEAR IN THE BILL ROUTINGS TAB OF THE BILL SCREEN**
Description	At present, the seasonal address which is effective at the time of billing is considered for bill routing. You can view the seasonal address details in the **Bill Routings** tab of the **Bill** screen. However, the seasonal address ID does not appear corresponding to the **Address ID** field.
Workaround	None

Issue	**ACCOUNT OVERRIDE ADDRESS IS NOT DELETED WHEN THE BILL ROUTING RECORD IS DELETED**
Description	Once you delete a bill routing record for a person from the **Account** screen where the **Address Source** field is set to **Account Override**, the corresponding account override address is not deleted from the system. You can still view the account override address on the screen.
Workaround	None

Issue	**OVERRIDE DUE DATE NOT CALCULATED CORRECTLY IN CASE OF REINSTATEMENT**
Description	If a customer is not active (i.e. does not have at least one active policy) and reinstatement request is received to reinstate the customer's policy which is terminated due to non-payment, the system should override the due date on the next bill using the **Days Until Due** parameter in the **C1-DUEDTFTCV** algorithm which is attached on the respective customer class. As per this algorithm, the override due date should be calculated as bill date plus days until due. However, at present, the system does not override the due date using the **Days Until Due** parameter. It reflects the due date which is the next coverage period start date.
Workaround	None

Issue	**PREMIUM AMOUNT IS NOT PRORATED AS PER THE BILLABLE CHARGE START DATE**
Description	If a policy start and end dates are 1st Jan 2017 and 31st Dec 2017 and you create a billable charge for premium from 10th Jan 2017 to 31st Mar 2017, the system should ideally calculate the prorated amount for the month of Jan 2017 for 21 days. However, at present, the premium amount is not prorated for the month of Jan 2017.
Workaround	None

Issue	**C1-FTDRD BATCH THROWS NULL POINTER EXCEPTION**
Description	A null pointer exception occurs when you specify the trace parameters while executing the **Financial Transaction Distribution Monitor (C1-FTDRD)** batch.
Workaround	None

Issue	**UNABLE TO ENTER VALUE FOR A PARAMETER WHEN THE PARAMETER VALUE TYPE IS VALUE**
Description	If you manually enter the parameter in the **Parameter** field instead of using the OraSearch functionality while defining eligibility for a price list, the system does not display the text box in the **Parameter Value** column when the **Parameter Value Type** is set to **Value**.
Workaround	None

Issue	**ERROR OCCURS ON USING A VALUE WITH HYPEN FOR A CHARACTERISTIC TYPE**
Description	At present, an error occurs on a screen where a characteristic value with hypen (-) is defined for a characteristic type.
Workaround	None

Issue	**AN ERROR OCCURS ON THE TEMPLATE SEARCH WINDOW**
Description	If you do not specify at least one account selection template while defining a construct, an error occurs indicating that at least one account selection template must be specified. Now, when you search for an account selection template using the **Search** icon corresponding to the respective field, the **Template Search** window appears with the same error (indicating that at least one account selection template must be specified). The system should not display any error in the **Template Search** window.
Workaround	None

Issue	**DISPUTE AMT AT BILL LEVEL INCORRECT WHEN BILL SEGMENT OF PREVIOUS BILL CANCELED**
Description	If a bill segment of the previous bill is canceled and you create a dispute request against an account for the corresponding next bill, the dispute amount displayed against the bill in the **Dispute Details** zone is incorrect.
Workaround	None

Issue	**SAVE BUTTON IS ENABLED WHEN A BILL IS IN THE COMPLETE OR CANCELED STATUS**
Description	The **Save** button in the **Page Title** area on the **Bill** screen should be disabled when a bill is in the **Complete** or **Canceled** status. However, at present, the **Save** button is enabled when a bill is in the **Complete** or **Canceled** status.
Workaround	None

Issue	**APAYCRET BATCH DOES NOT CONSIDER ADJUSTMENTS WHICH ARE CREATED ON COMPLETED BILL**
Description	If an adjustment is created on a completed bill, the **Automatic Payment Creation (APAYCRET)** batch creates automatic payment for the bill without recalculating the bill amount which is impacted due to the adjustment. However, the payment distribution algorithm applies automatic payment against the revised bill amount (i.e. original bill amount + adjustment). In such case, if there is any excess credit, the payment is applied against the overpayment contract.
Workaround	None

Issue	**APAYCRET BATCH DOES NOT CONSIDER ECR ADJUSTMENTS CREATED ON PENDING BILL**
Description	You can only use an adjustment type where the **Print by Default** and **Impact Next Bill Balance** check boxes are not selected to create transfer adjustment while distributing earnings credit rate. Therefore, an ECR adjustment created against a pending bill is not stamped on the bill. As a result, the **Automatic Payment Creation (APAYCRET)** batch creates automatic payment for the bill without considering the ECR adjustment.
Workaround	None

Issue	**PERCENTAGE (%) WILDCARD NOT ALLOWED IN PERSON NAME WHILE SEARCHING FOR AN ENTITY**
Description	The system does not allow you to specify the Percentage (%) wildcard in the **Person Name** field while searching for any entity across application. At present, the system automatically appends the criteria in the **Person Name** field with the Percentage (%) wildcard and accordingly searches for the entity.
Workaround	None

Issue	**SINGLE MATCH EVENT CREATED WHEN MULTIPLE BILL SEGMENTS OF A CONTRACT ARE NETTED**
Description	At present, the system creates single match event for all bill segments of a contract which are netted. For example, there are two bill segments – BS1 (50$) and BS2 (-50$) of the C1 contract on a bill. In this case, the system nets the BS1 and BS2 because it results in zero contract balance, and then creates single match event for BS1 and BS2.
Workaround	None

Issue	**RECOGNITION SCHEDULE NOT GENERATED FOR BX/AX WHEN DRR FOR BS/AD DOES NOT EXIST**
Description	There might be situations when you have attached the **C1-REVRECSCH** algorithm to a contract's contract type for which bill segments and adjustments are already generated. Now, if already generated bill segments or adjustments are canceled, the system will generate the deferred revenue recognition for BX and AX even if the deferred revenue recognition does not exist for the corresponding BS and AD. But, the recognition schedule is not generated. You cannot even edit the recognition schedule of a deferred revenue recognition which is created for BX and AX.
Workaround	None

Issue	**AUTO PAY ID IS NOT UPDATED WHEN A REOPENED BILL IS COMPLETED**
Description	When you reopen and complete a bill, the bill's due date is recalculated. On completing a reopened bill, the system does not check whether there are rule based auto pay instructions for the account which are effective on the latest bill due date. In other words, the system does not update the auto pay ID against the financial transactions in the **C1_FT_EXT** table. In addition, the entries in the **CI_BILL_ACH** table are not updated.
Workaround	None

Insurance

Issue	**OLD INSURANCE FEATURES ARE NOT TESTED AND VERIFIED IN ORMB VERSION 2.6.0.1.0**
Description	In this release, the new policy data model is introduced. The old policy data model which is accessible to the INADMIN user group is no longer operational. The old insurance features, such as Insurance Control Central, Deferred Revenue Recognition, Account Current, Pay Plan, Group Billing, and List Bill Reconciliation are not tested and verified with the new policy data model.
Workaround	None

Issue	**PERFORMANCE ISSUE WHILE CREATING DEFERRED REVENUE RECOGNITION SCHEDULE**
Description	If there are large number of bill segments and adjustments for which deferred revenue recognition schedule must be generated, the system takes long time to generate deferred revenue recognition schedules.
Workaround	None

Issue	**VALIDATION FOR FIDUCIARY CONTRACT MISSING DURING RECONCILIATION**
Description	While changing the status of the reconciliation object to Ready To Pay, the system does not validate whether fiduciary contract exists for the group account.
Workaround	You need to ensure that group customer has fiduciary contract associated with the account through which payments can be made for the list bills.

Issue	**TWO BILL SEGMENTS GENERATED WHEN REASON CODE EFFECTIVE DATE IS SAME AS BILL SEGMENT START DATE**
Description	When you select the Update option from the Reason Code list and specify the reason code effective date same as the bill segment start date, the system creates two bill segments – one with prorated billed amount and another with prorated reported amount. Ideally, the system should only create one bill segment with prorated reported amount.
Workaround	None

Issue	**UNABLE TO DISTRIBUTE THE REMAINING PAYMENT MANUALLY**
Description	If you have distributed partial payment automatically through the **Payment by Transaction** screen, the system does not allow you to distribute the remaining payment manually.
Workaround	None

Issue	**FOREIGN KEY AND FILE LOCATION CHARACTERISTIC TYPE NOT SUPPORTED IN UI MAPS**
Description	The screens created using the UI map do not support the **Foreign Key Value** and **File Location Value** characteristic types. These screens only support the **Adhoc Value** and **Predefined Value** characteristic types.
Workaround	None

Issue	**CHARACTERISTIC TYPES ARE NOT FILTERED BASED ON THE REASON CODE**
Description	While editing the reconciliation object line, the characteristic types are not filtered based on the reason code that you have selected. Currently, it lists all characteristic types where the characteristic entity is set to **Reason Code**.
Workaround	None

Issue	**RECONCILIATION DOESN'T WORK PROPERLY FOR PASS THROUGH BILLABLE CHARGES**
Description	In the sample case workflow, the system checks whether the difference between the reported and billed amounts is within the tolerance limit. If so, the system must change the status of the reconciliation object line to **WD-Match**. However, at present, in case of pass through billable charges, the system changes the status of the reconciliation object line to **Manual** instead of **WD-Match**.
Workaround	None

Issue	**ERROR OCCURS WHEN YOU RESOLVE A RECONCILIATION OBJECT LINE FROM THE CASE SCREEN**
Description	The system allows you to manually resolve a reconciliation object line from the **Case** screen and change the status of the reconciliation object line to **Manual Match**. At present, an error occurs when you click the **Manual Match** button in the **Case** screen.
Workaround	None

Issue	**OVERRIDE DESCRIPTION APPEARS INSTEAD OF DESCRIPTION IN THE SOURCE SYSTEM LIST**
Description	At present, the override description of the source system appears in the **Source System** list instead of the description when you select the **Policy** option from the **Search By** list in the **Customer 360-Degree View** screen.
Workaround	None

Documentation

Issue	**"ERROR 500--INTERNAL SERVER ERROR" - ONLINE HELP IS NOT WORKING**
Description	At present, an error occurs when you access online help for the following screens: • Account Collection Summary • Account Current • COBOL Program • Collection Control Central • Contract Type - Charge Type Mapping • Contract Type - Pay Plan Template Mapping • External Statement • FK Validation Summary • Pay Plan Template • Policy (P&C) • Reason Code • Reconciliation Object • Reconciliation Object Line Status • Unit of Measure
Workaround	None

Issue	**ONLINE HELP NOT AVAILABLE FOR SOME SCREENS OR TABS**
Description	At present, the online help is not available for the following screens: • Collection Type • Loan • Request In addition, the online help is not available for the following tabs: • Rate Schedule – SQ Rule Tab
Workaround	None

Issue	**INDEX ENTRIES NOT DEFINED FOR THE BANKING AND INSURANCE MODULES**
Description	At present, index entries are not defined for all topics in the Banking and Insurance modules.
Workaround	None

Issue	**2.4.0.1.0 BILL TOLERANCE AND CONSTRUCT RELATED CHANGES NOT REFLECTED IN BANKING USER GUIDE**
Description	At present, the Bill Tolerance and Construct related changes which were incorporated in 2.4.0.1.0 are not yet reflected in the 2.6.0.1.0 Banking User Guide which is available on OTN.
Workaround	None

Issue	**CONTENT ADDED IN STEPRESULT AND INFO TAGS IS DISPLAYED IN BOLD**
Description	At present, the content added within the STEPRESULT and INFO tags is displayed in bold in the online help. This behavior is observed in Oracle Help and not in SPLHelp.
Workaround	None

Issue	**COMMENTS NOT COPIED IN MAIL WHILE SUBMITTING FEEDBACK TO THE DOCUMENTATION TEAM**
Description	The feedback entered in the **Comments** text box is not copied to the mail while submitting the feedback form in Oracle Help.
Workaround	You will have to manually add the comments in the e-mail before sending the feedback to the documentation team.

Technical Support

For any technical support, consult with Oracle Support, Oracle Partner, or Oracle Consulting that may be supporting your implementation and upgrade process.

