

Patch Release Notes
Oracle FLEXCUBE Investor Servicing
Release 14.5.4.0.0
May 2022



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1. Understanding Patch Releases

A patch release is an official Oracle patch release for Oracle FLEXCUBE Investor Servicing. Every quarter, an innovation or upgrade patch set is released. This patch set consists of newer features and changes apart from the regular bug fixes that is being provided. The third digit in the release number determines an innovation patch set. For example, 14.5.1.0.0 would indicate the first Innovation patch set under 14.5 release.

2. Patch Requirements

Confirm you are applying this patch release after applications of the previous patch releases up to 14.5.3.0.0 is completed successfully.

3. Applying the Patch Release

Customers installing this patch release should refer to the "FLEXCUBE IS Installation" chapter in the Oracle FLEXCUBE Investor servicing Release 14.5.4.0.0 Install Guide, which is available here:

https://docs.oracle.com/cd/F57214_01/index.htm

Customers installing this patch release should refer to the Readme included in the Patch Release zip file.

4. Issues Resolved By Patch Release 14.5.4.0.0

This patch release resolves the issues listed in Table 1.

Table 1 – Issues Resolved By Patch Release 14.5.4.0.0

No	RPTNO	Issue Description	Release Notes
1	34047137	The percentage draw down is rounded and the draw-down amount is computed with the rounded values which results in variation in the expected results.	Fix provided to remove the rounding in the percentage values for computing the percentage draw down, so that it matches the exact values.
2	34064410	Standalone scheduler fails to execute independently.	Fix provided to execute standalone scheduler independently without any errors.
3	33971951	Application is going down in some instances due to lock on FCTB_ONLINE_STATS	FCTB_ONLINE_STAT reference for insert update is not required, Hence the reference is removed.
4	33941426	During Accrual Data extraction processing with Multiple job & Multiple Fund failure occurred because table - Txndailyextractiontbl is getting locked	Fix provided to set unique key string for a periodic load setup, to avoid table locks during parallel processing of the extraction.
5	33996814	Not able to cancel an SI post merger process	Fix provided to skip the business rule validations for the standing instructions getting cancelled through amendment process.
6	33982577	Consolidated enquiry screen block details not displaying the results when fund short name is above 15 characters	Fund Short Name field size increased in line with Fund base table for block details reporting data stores.
7	34006643	Entity amendment process is skipping record insertion into ENTITYBASEHISTORYTBL during AUTOENTITYMAP client country is disabled. It is inserting record into ENTITYBASEHISTORYTBL only when AUTOENTITYMAP client country is on and having record in ENTITYMAPTBL.	Fix provided to correct the data store referred while moving the data to history table during modification.
8	33894953	If CSTB parameter AUTO_GEN_PASS_REQ is enabled in the system, then for a non auto auth user system did not update the password properly	Fix provided to update the password for the user and send the password details to the respective user.
9	34011250	Tags in Redemption Confirmation Order message to have values based on Fund Base Currency, but it is showing values based on Transaction Currency.	Reassigned the tag value with amount based on fund currency.
10	33948615	Incorrect response in REST services on using a User ID that does not exists in FCIS	If the user provided in the REST request is not available, the system should display the error message properly. Fix is provided for the same.
11	33893872	Unable to cancel SI when the SI minimum amount maintained for the fund (at transaction processing rule, transaction type 02) is greater than the SI amount.	Fix provided skip the limit validations for cancelled orders.
12	33760185	In the REST property file, gw_restejb_logger.properties has incorrect value for field GW.LOGGER.FPATH.	Changes are done to consider the values provided in the installer while generating the logger properties for REST EJB and REST service.
13	34098459	No automated OUT messages are generating	Fix provided to generate confirmation messages automatically.
14	33939152	No error is logged when To UH is invalid in Transfer V09 swift message.	Fix provided to handle the null value.

15	34016634	While processing the transfer swift message OTO (sese.001.001.09) message twice ,second time error code E-DUPMSGID is coming which is as expected but instruction status report 'TIS' out message generation is failing .Expecting OTO message with error code	Fix provided to handle the exception to populate the valid message reference number.
16	33880510	Initials field is not getting updated properly when the first and/or middle name fields are altered	Fix Provided to default Initials properly when first and/or middle name fields are altered in UH Account Modification.
17	33922685	Change Type are not been defaulted correctly for the mapped loads	Fix provided to update the change type details properly for the mapped loads.
18	34064333	While running 5K web services and 5K OTC certain SQL in SMS and LOB running with each request & resulting into high time spend on CPU	Changes done to improve the performance.
19	34061475	When the user logs into the application with LDAP set as No and LDAP user as yes, smtb_log_details is updated	Fix provided to check the password external condition from the property file of the application.
20	33975359	XML building in Transfer Out message is failing in XSD validation	Fix provided to handle tag name and null value tags also TrfeeRegdAcct in OOC Message.
21	34094716	On update of Parallelallocationtxntbl, for allocation with parallel level as 2, system is throwing error.	Fix provided to successfully update the table Parallelallocationtxntbl when the parallel level is set as 2
22	34066870	Performance tuning of the highly performing queries	Fund price and outstanding units check code optimized during allocation.
23	34046285	Mails are not getting generated while connecting to SMTP server.	Fix provided to assign the sender's email address properly for the mail generation to happen.
24	33849385	Applicable UH selection is not considered when msg ref code is not given in the header and applicable UH button is not clicked	Fix provided to select applicable UH and applicable fund for the selected message reference codes and process all the message reference codes together.
25	33928834	Static data for Optional fields MiddleName and Email to be inserted in Elementcodetbl.	Elementcode released for optional tags Middle Name and Email.
26	34056935	Performance tuning of the highly performing queries	1. User Module access data check performance issue is addressed. Result cache enabled for module profile data fetch. 2. Fund price and outstanding units check code optimized during allocation. 3. Transaction Intermediary validation based on EntityBaseTbl and Agency branch table fetch query optimized. 4. Parallel Allocation Key Index added on keystring for better performance global initialization package code optimized for parameter defaulting.
27	34012284	Code optimization required to effective use of latestprice index	Code optimized to utilize the latestrule field index effectively in allocation package and code changes done in transaction processing while getting the issued balance.

5. Enhancements in this Patch Release

Pre-settled Trade

While in most cases, investor is allowed to cash settle trade after trade date- there are certain private equity fund/hedge fund, which require cash settlement to happen before trade is processed. System has been enhanced to cater for such business scenarios wherein only settled trades will be taken into consideration for processing.

To facilitate Pre-Settled Trade functionality, following changes are introduced in the system:

- In Fund Rule screen, the Pre-Settled Trade Funds can be maintained with Hedge Fund Type as 'Pre-Settled Trade' and Hedge Fund as 'Yes'.
- Fund Preference Maintenance screen enhanced to capture the notice period, calendar basis and lags for Subscription and Redemption:
- Transaction capture process enhanced to derive the transaction date based on order received date and notice period for Subscription and Redemption
- Redemption Confirmation will happen on/after the Redemption Settlement Due Date
- Payment Clearing screen enhanced to clear Pre-Settled Trade transactions as well

6. Extensibility Changes

No	RPTNO	Issue Description	Release Notes
1	34113319	Standard pre and post hook provided for pkgusermoduleaccess.SpSetUserModuleaccess	Standard pre and post hook provided for pkgusermoduleaccess.SpSetUserModuleaccess
2	33786830	Request for pre and post hook for pkg_interface.pr_ExecuteInterface.	Standard pre and post hook provided for pkg_interface.pr_ExecuteInterface
3	33975506	Global variable tAppDate assignment should be made before calling hooks, so that the variable holds the value and validation will not fails which are defined on this variable.	Fix provided to assign tAppDate global variable before calling spprebusinesslogicvalidations hooks call in pkgtransactionbll package.

7. Forward Ported Issues

NA

8. Additional Note

Deprecated Features

Below mentioned module/features are deprecated in Oracle Flexcube Investor Servicing 14.5.4.0.0

- Canned Reports
- OBIEE Repositories
- Oracle Flexcube Investor Servicing Connector for Oracle Identity Manager
- BPEL
- Document Management System



Patch Release Note
[May] [2022]
Version FCIS_14.5.4.0.0

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